

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



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

Test Report Prepared for

Cooper Lighting Solutions

Brand: McGRAW-EDISON

Report Number: P645321 (CONVERTED FROM TYPE C PHOTOMETRY)

Luminaire Tested: GFLD-SA1C-727-U-LAM-VSR-XX

Issue Date: 2/28/2023

**Test Information**

Test Method: LM-79-2019  
Report Number: P645321 (CONVERTED FROM TYPE C PHOTOMETRY)  
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G2-2210-813-22)  
Test Lab: COOPER LIGHTING SOLUTIONS  
Issue Date: 5/4/2023  
Manufacturer: COOPER LIGHTING SOLUTIONS  
Product Line: MCGRAW-EDISON  
Catalog Number: GFLD-SA1C-727-U-LAM-VSR-XX  
Description: GALLEON FLOOD, ONE LIGHT SQAURE, LAMBERTIAN WITH VISOR  
Light Source: (16) 2700K CCT, 70 CRI LEDS  
Ballast/Driver: -

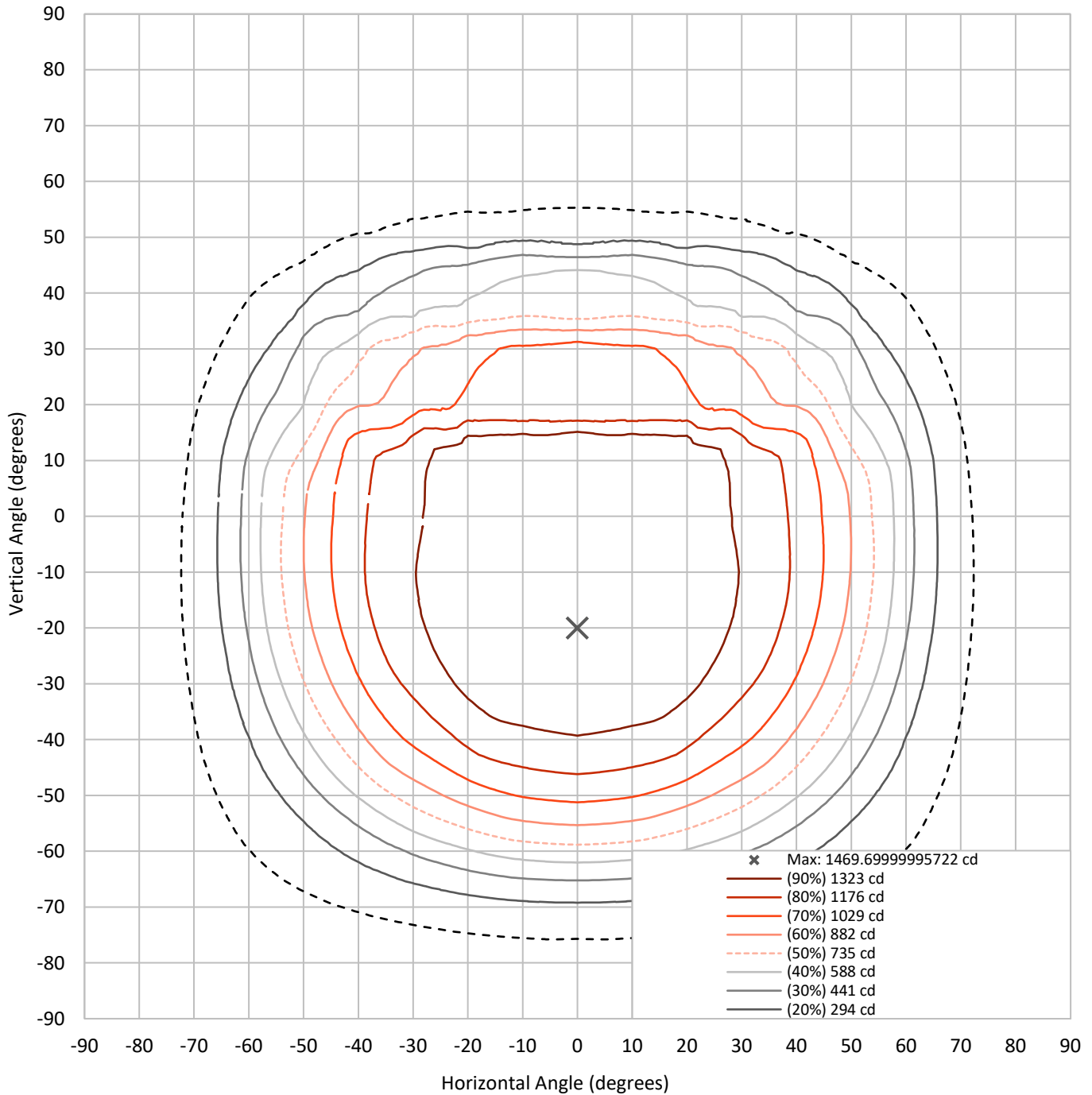
**Summary**

Lumens per Lamp:	N/A	NEMA Type:	7H x 7V
Luminaire Lumens:	3446 lumens	Max Intensity:	1469.7 candela
Efficiency:	N/A	Max Intensity Angle:	0°H x -20°V
Efficacy:	79.2 lumens/watt		
Luminous Opening:	Rectangular (W 0.5' x L: 0.5' x H: 0')		
Beam Angle (50%):	105.6°H x 93.7°V	Field Angle (10%):	144°H x 131.2°V
Beam Lumens:	2693.9 lumens	Field Lumens:	3377.6 lumens
Beam Efficiency:	78.2%	Field Efficiency:	98.0%
Input Watts (W):	43.5		
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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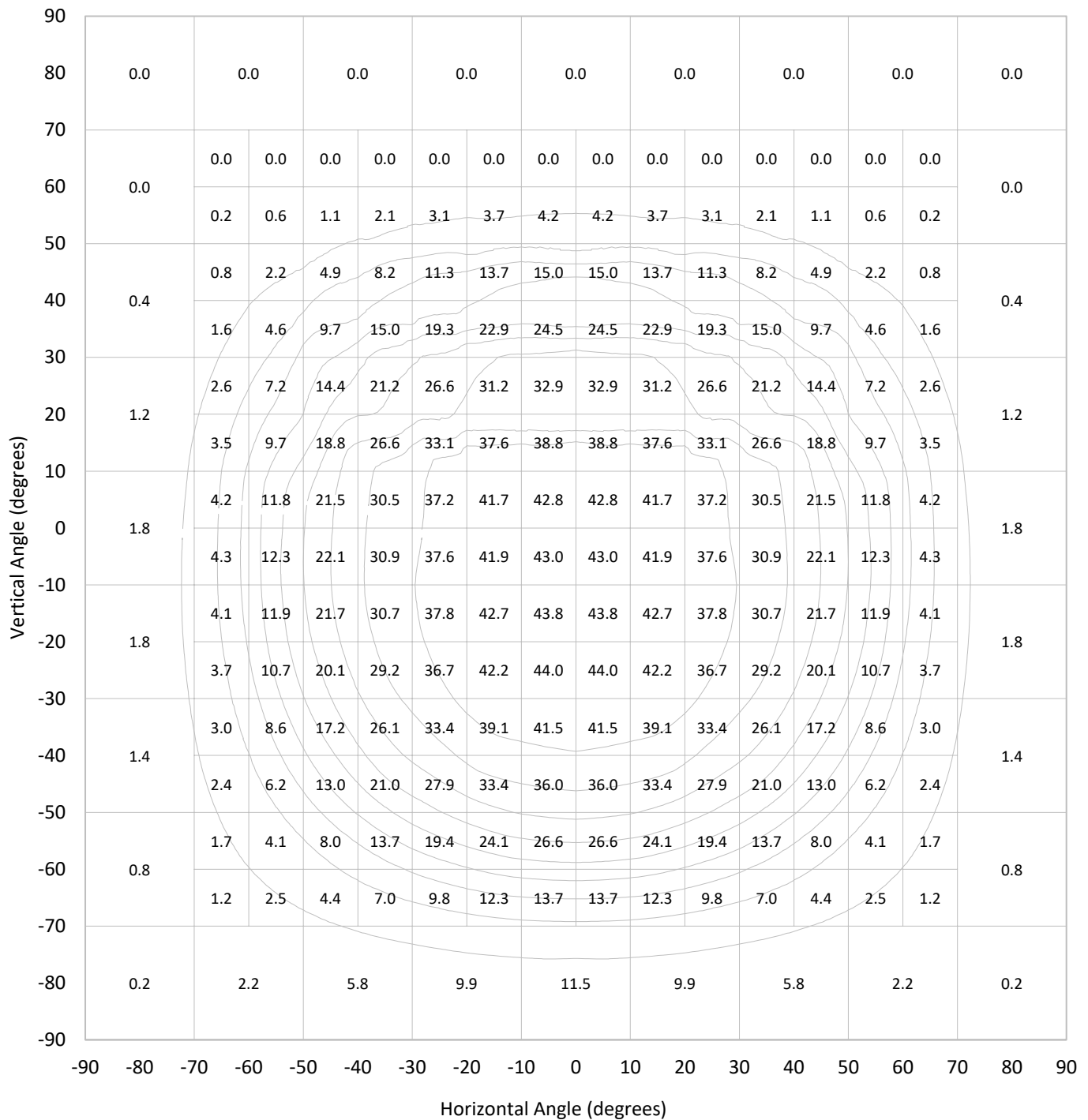
### Iso-Candela Plot





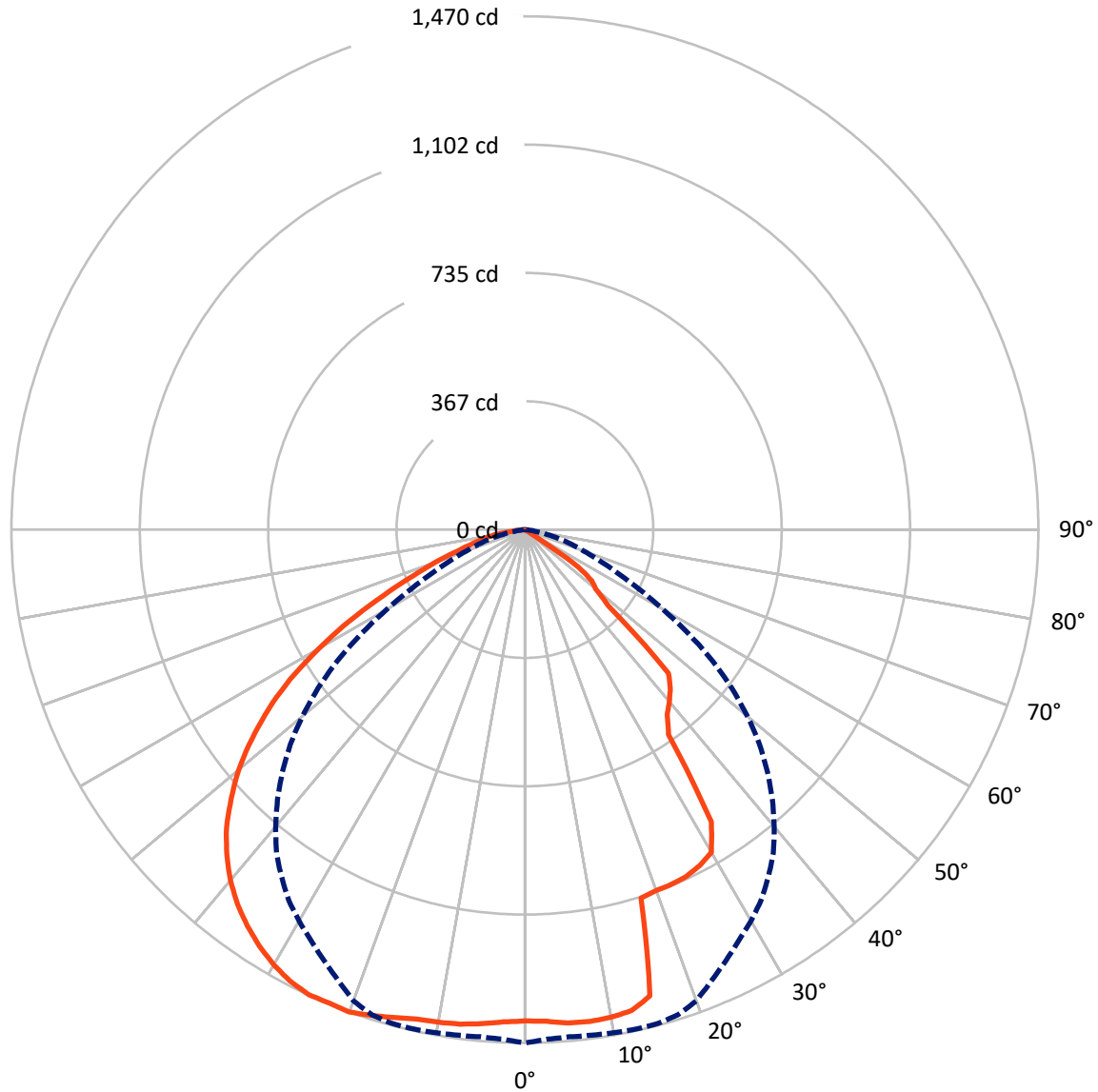
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### Lumen Table



REPORT NUMBER: P645321 (CONVERTED FROM TYPE C PHOTOMETRY)  
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### Luminous Intensity Polar Plot

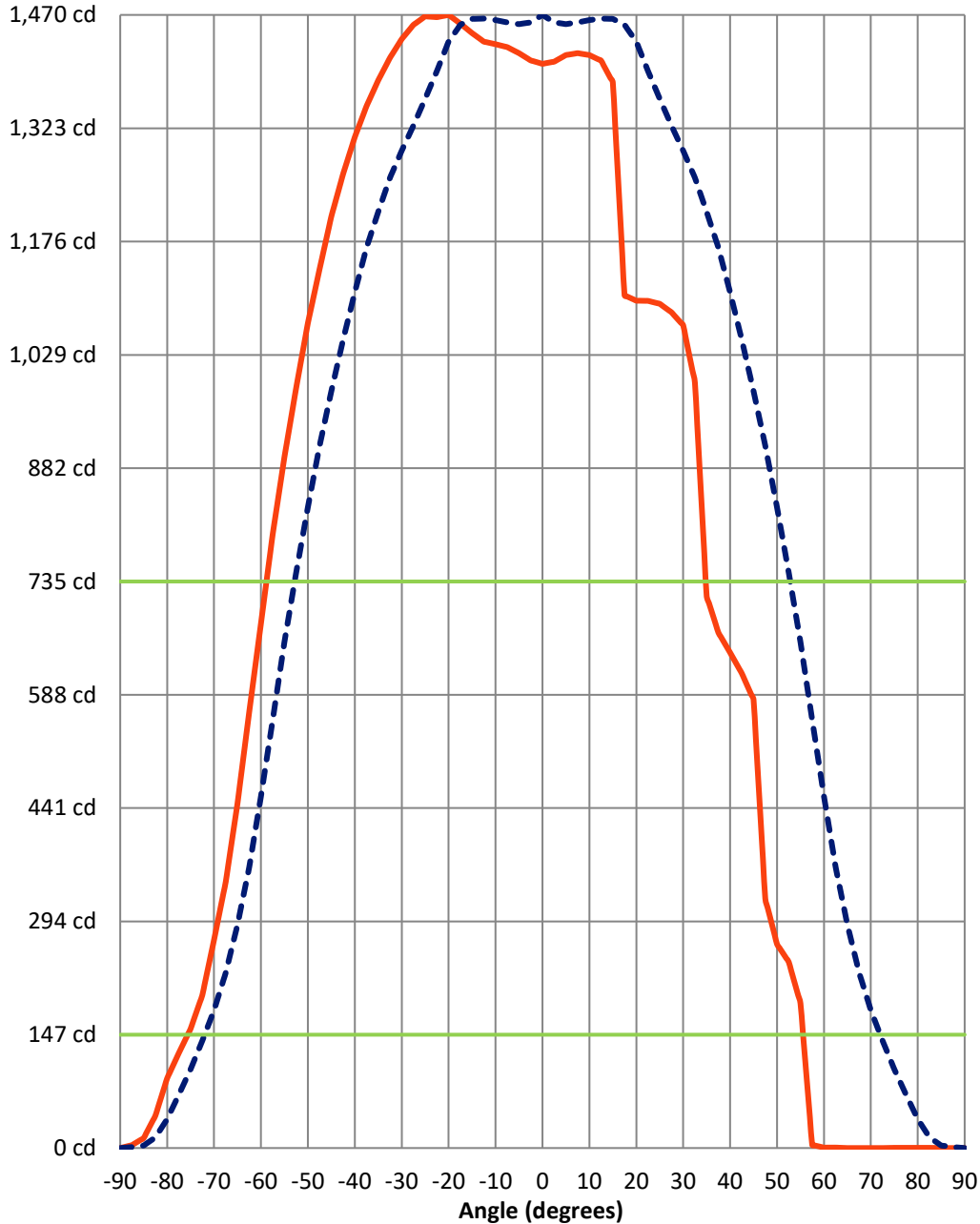


— Vertical Distribution Through 0-Deg      - - - Horizontal Distribution Through -20-Deg



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### Luminous Intensity Plot



**Beam:**  
 H Angle: 105.6°  
 V Angle: 93.7°  
 Lumens: 2693.9  
 Efficiency: 78.2%

**Field:**  
 H Angle: 144°  
 V Angle: 131.2°  
 Lumens: 3377.6  
 Efficiency: 98.0%

**Spill:**  
 Lumens: 68.4  
 Efficiency: 2.0%

- Vertical Distribution through 0-Deg
- - - Horizontal Distribution through -20-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	0.0	0.1	0.1	0.1	0.1	0.2	0.2	0.2	0.1	0.1
85°	0.0	0.1	0.1	0.2	0.2	0.3	0.3	0.3	0.3	0.3	0.3
82.5°	0.0	0.1	0.2	0.2	0.3	0.4	0.5	0.5	0.5	0.4	0.3
80°	0.0	0.1	0.2	0.3	0.4	0.5	0.6	0.5	0.5	0.4	0.3
77.5°	0.0	0.2	0.3	0.4	0.5	0.6	0.6	0.5	0.5	0.4	0.3
75°	0.0	0.2	0.3	0.5	0.6	0.6	0.6	0.5	0.5	0.4	0.3
72.5°	0.0	0.2	0.4	0.5	0.6	0.6	0.6	0.5	0.5	0.4	0.3
70°	0.0	0.3	0.4	0.6	0.7	0.7	0.6	0.6	0.5	0.4	0.5
67.5°	0.0	0.3	0.5	0.6	0.7	0.7	0.7	0.6	0.5	0.7	0.7
65°	0.0	0.3	0.5	0.7	0.7	0.8	0.8	0.6	0.8	1.0	1.2
62.5°	0.0	0.4	0.6	0.7	0.8	1.0	1.0	0.8	1.2	1.7	2.7
60°	0.0	0.4	0.6	0.7	0.8	1.2	1.1	1.2	1.5	4.3	4.7
57.5°	0.0	0.4	0.7	0.8	1.0	1.5	2.1	1.7	4.3	7.4	8.6
55°	0.0	0.4	0.7	0.8	1.3	1.8	3.4	2.7	7.9	11.4	13.9
52.5°	0.0	0.5	0.7	0.8	1.6	2.3	4.9	6.9	11.9	17.9	20.2
50°	0.0	0.5	0.8	0.9	1.9	3.9	6.6	11.6	17.0	25.2	31.5
47.5°	0.0	0.5	0.8	0.9	2.2	5.6	8.9	16.6	24.5	33.1	43.1
45°	0.0	0.6	0.9	1.2	2.5	7.5	13.4	21.8	32.9	43.2	54.4
42.5°	0.0	0.6	0.9	1.4	2.9	9.5	18.1	28.4	41.4	53.0	67.4
40°	0.0	0.6	0.9	1.8	3.8	11.5	22.8	35.9	50.2	62.5	81.3
37.5°	0.0	0.6	1.0	2.1	5.5	13.7	27.6	43.4	59.4	74.1	95.8
35°	0.0	0.7	1.0	2.6	7.1	17.1	32.5	50.9	68.7	88.2	113.0
32.5°	0.0	0.7	1.1	3.0	8.8	20.9	37.8	58.4	78.2	102.5	133.8
30°	0.0	0.7	1.1	3.5	10.5	24.8	43.9	65.9	87.8	116.8	153.8
27.5°	0.0	0.7	1.2	4.1	12.6	28.6	49.9	73.8	98.3	131.1	172.9
25°	0.0	0.8	1.2	4.6	14.7	32.3	55.7	81.6	110.1	146.6	191.2
22.5°	0.0	0.8	1.2	5.2	16.9	36.1	61.4	89.2	121.7	162.2	209.6
20°	0.0	0.8	1.3	5.8	19.0	40.2	66.8	96.7	133.1	176.9	227.6
17.5°	0.0	0.8	1.3	6.4	21.1	44.1	72.2	104.0	144.0	190.6	245.1
15°	0.0	0.8	1.4	7.1	23.1	47.9	77.4	110.8	154.5	203.5	261.8
12.5°	0.0	0.8	1.4	7.7	25.1	51.6	82.3	116.8	162.9	215.4	277.8
10°	0.0	0.9	1.5	8.3	27.0	55.0	86.8	122.4	169.2	222.6	290.8
7.5°	0.0	0.9	1.5	8.8	28.8	58.2	90.9	127.5	174.5	228.1	298.4
5°	0.0	0.9	1.5	9.4	30.4	61.1	94.7	132.0	179.0	232.6	304.5
2.5°	0.0	0.9	1.6	9.9	31.9	63.8	98.0	136.1	182.6	236.0	309.3
0°	0.0	0.9	1.6	10.4	33.3	66.2	101.0	139.6	185.4	238.5	312.5
-2.5°	0.0	1.0	1.8	11.1	34.6	67.7	102.5	141.7	186.4	241.6	314.6
-5°	0.0	1.0	2.1	11.7	35.6	68.9	103.6	143.2	186.8	243.6	315.3
-7.5°	0.0	1.1	2.3	12.2	36.5	69.8	104.3	144.1	186.5	244.4	314.6
-10°	0.0	1.1	2.5	12.7	37.2	70.3	104.6	144.5	185.8	243.9	312.6
-12.5°	0.0	1.2	2.8	13.1	37.6	70.5	104.5	144.3	184.5	241.9	309.1
-15°	0.0	1.2	3.0	13.4	37.8	70.4	104.1	143.4	183.0	238.1	304.2
-17.5°	0.0	1.2	3.1	13.7	37.8	70.0	103.4	141.7	181.3	233.3	297.7
-20°	0.0	1.3	3.3	13.8	37.5	69.3	102.2	139.2	178.7	227.6	289.7

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**CANDELA DISTRIBUTION (continued):**

	-90°	-87.5°	-85°	-82.5°	-80°	-77.5°	-75°	-72.5°	-70°	-67.5°	-65°
-22.5°	0.0	1.3	3.5	13.8	37.0	68.2	100.5	136.3	175.4	221.0	280.2
-25°	0.0	1.3	3.6	13.8	36.2	66.6	98.4	132.8	171.3	213.6	269.2
-27.5°	0.0	1.3	3.7	13.6	35.1	64.5	95.9	128.9	166.5	206.4	259.5
-30°	0.0	1.3	3.8	13.3	33.8	62.2	93.0	124.5	161.2	200.3	249.1
-32.5°	0.0	1.3	3.9	12.9	32.3	59.6	89.7	120.5	155.5	193.3	238.0
-35°	0.0	1.3	3.9	12.4	30.5	56.7	86.2	116.2	149.4	185.4	226.2
-37.5°	0.0	1.3	4.0	11.8	28.7	53.8	82.3	111.5	142.9	176.5	214.6
-40°	0.0	1.3	4.0	11.0	26.6	51.2	78.2	106.4	135.9	168.1	203.1
-42.5°	0.0	1.3	4.0	10.3	25.1	48.4	73.8	100.8	129.2	159.2	190.7
-45°	0.0	1.3	3.9	9.4	24.0	45.4	69.2	95.1	122.4	149.7	177.9
-47.5°	0.0	1.3	3.8	8.5	22.7	42.3	64.2	89.3	115.0	139.8	166.8
-50°	0.0	1.2	3.7	8.2	21.3	38.9	60.1	83.3	106.9	130.7	155.1
-52.5°	0.0	1.2	3.6	8.1	19.7	35.5	56.0	77.0	99.1	121.3	143.2
-55°	0.0	1.1	3.5	7.8	17.9	32.8	51.7	70.6	91.3	111.7	132.6
-57.5°	0.0	1.1	3.3	7.5	15.9	30.2	47.2	65.5	83.2	102.4	121.8
-60°	0.0	1.0	3.2	7.1	13.8	27.2	42.7	59.9	75.2	93.1	111.0
-62.5°	0.0	0.9	3.0	6.6	12.9	24.1	38.6	53.8	67.7	83.5	100.4
-65°	0.0	0.9	2.8	6.0	11.7	20.7	34.2	47.4	59.8	73.9	89.6
-67.5°	0.0	0.8	2.5	5.4	10.5	17.9	29.5	41.1	51.4	63.9	77.9
-70°	0.0	0.7	2.3	4.7	9.1	15.7	24.5	34.7	44.0	53.4	65.4
-72.5°	0.0	0.6	2.0	4.1	7.7	13.3	20.8	28.2	36.4	44.7	53.1
-75°	0.0	0.6	1.8	3.6	6.1	10.8	17.0	22.7	28.6	35.9	43.3
-77.5°	0.0	0.5	1.5	3.0	5.1	8.1	13.0	17.5	22.3	27.4	33.2
-80°	0.0	0.4	1.2	2.4	4.1	6.2	8.9	12.3	16.0	19.9	24.2
-82.5°	0.0	0.3	0.9	1.8	3.1	4.7	6.5	7.9	9.5	12.3	15.3
-85°	0.0	0.2	0.6	1.2	2.1	3.1	4.4	5.3	6.2	7.2	8.2
-87.5°	0.0	0.1	0.3	0.6	1.0	1.6	2.2	2.6	3.1	3.6	4.1
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0





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 CATALOG NUMBER: GFLD-SA1C-727-U-LAM-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°	0.1	0.1	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
85°	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3
82.5°	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3
80°	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3
77.5°	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3
75°	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3
72.5°	0.3	0.4	0.4	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3
70°	0.5	0.5	0.4	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3
67.5°	0.6	0.5	0.4	0.4	0.4	0.5	0.4	0.4	0.3	0.3	0.3
65°	0.6	0.5	0.8	0.9	0.6	0.5	0.5	0.4	0.4	0.4	0.4
62.5°	0.9	1.1	1.5	2.6	2.0	0.6	1.0	1.2	0.9	0.7	0.8
60°	3.0	2.1	6.2	8.8	5.5	2.0	2.5	8.2	7.1	1.3	4.4
57.5°	6.4	8.8	16.3	16.6	11.5	7.9	23.0	26.6	20.1	11.8	18.0
55°	14.2	21.8	27.0	25.0	27.3	41.4	49.1	44.1	37.1	57.2	73.0
52.5°	27.7	35.5	37.2	42.8	61.2	70.3	67.4	72.1	93.5	116.1	121.0
50°	40.9	47.3	52.2	75.5	89.9	90.8	97.5	118.7	147.3	161.1	157.8
47.5°	53.7	60.3	83.3	105.7	112.2	121.0	137.8	178.7	208.9	209.5	206.1
45°	67.2	84.7	114.2	128.8	139.3	156.4	196.9	253.3	256.3	264.5	314.9
42.5°	81.6	112.4	138.1	153.2	170.2	202.3	256.3	293.3	306.1	342.0	382.5
40°	105.0	139.1	161.5	180.9	202.8	249.5	308.7	343.4	353.8	384.9	415.3
37.5°	128.7	161.4	186.5	209.9	240.2	303.4	371.9	400.5	405.7	411.4	478.9
35°	151.5	184.3	214.4	245.0	282.1	373.1	432.9	459.8	459.0	497.3	568.0
32.5°	172.8	207.6	243.2	284.1	345.4	438.6	498.4	514.5	538.9	594.7	691.3
30°	194.1	233.7	274.6	323.3	401.0	481.7	550.0	575.9	617.8	681.5	751.7
27.5°	216.1	260.5	309.8	367.0	444.8	519.0	577.3	639.3	679.9	737.0	787.0
25°	238.0	288.8	344.7	405.2	476.2	545.3	605.6	677.2	720.8	766.8	813.4
22.5°	260.9	317.5	380.6	435.5	502.5	567.6	639.5	717.1	773.8	803.0	834.3
20°	284.9	348.6	415.9	476.6	528.6	588.4	673.5	767.7	841.0	873.9	878.1
17.5°	308.5	378.6	451.0	516.8	572.9	626.1	709.2	828.4	919.5	950.1	963.7
15°	331.6	407.6	486.0	555.9	617.4	682.5	771.2	892.5	996.6	1030.5	1051.9
12.5°	353.8	435.2	520.3	593.7	662.0	735.0	827.6	938.6	1033.7	1099.2	1138.4
10°	375.0	461.2	553.7	629.9	706.1	783.8	874.2	972.9	1050.3	1113.5	1169.3
7.5°	385.7	478.3	582.4	664.5	749.1	828.8	912.4	997.1	1062.3	1124.3	1178.2
5°	393.0	485.3	591.4	676.5	772.0	858.8	940.0	1013.0	1070.2	1131.6	1184.2
2.5°	398.2	489.8	597.4	683.1	780.6	868.1	948.0	1018.4	1076.6	1136.8	1190.7
0°	401.3	492.0	600.5	687.1	786.0	874.1	952.6	1020.4	1080.9	1139.3	1197.3
-2.5°	403.1	498.6	602.6	697.5	791.2	879.4	959.1	1025.2	1088.5	1144.0	1202.2
-5°	402.9	502.5	602.0	704.5	793.6	881.4	962.3	1027.4	1092.6	1147.5	1204.2
-7.5°	400.7	503.4	599.3	706.7	793.7	880.8	960.9	1028.5	1092.5	1150.8	1204.4
-10°	396.8	499.9	596.8	701.0	790.7	877.2	956.6	1026.2	1090.0	1150.1	1203.3
-12.5°	392.2	492.5	591.6	692.9	784.5	870.5	950.0	1020.3	1085.2	1145.2	1200.9
-15°	385.3	482.8	583.0	682.5	775.1	860.8	941.4	1010.7	1077.9	1136.6	1193.8
-17.5°	376.0	470.7	570.9	670.2	762.4	848.1	930.4	998.0	1064.9	1125.6	1180.8
-20°	364.3	456.3	555.2	656.2	746.3	831.1	910.8	981.6	1048.1	1109.9	1167.9



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 CATALOG NUMBER: GFLD-SA1C-727-U-LAM-VSR-XX

**CANDELA DISTRIBUTION (continued):**

	-62.5°	-60°	-57.5°	-55°	-52.5°	-50°	-47.5°	-45°	-42.5°	-40°	-37.5°
-22.5°	350.2	439.9	536.3	637.4	726.2	810.1	888.8	960.8	1029.6	1089.4	1151.2
-25°	336.0	422.5	515.4	611.2	702.9	786.3	865.4	935.4	1005.8	1068.0	1126.7
-27.5°	322.5	402.3	491.1	582.5	676.4	759.5	837.8	908.0	976.2	1044.2	1100.7
-30°	307.2	378.9	464.5	551.8	643.3	727.9	806.9	879.6	944.6	1011.7	1072.4
-32.5°	290.4	354.1	436.4	520.3	606.7	693.1	771.3	843.6	911.2	974.7	1038.4
-35°	274.0	334.1	406.6	486.6	567.9	652.7	730.9	802.5	872.7	935.5	996.4
-37.5°	259.3	312.4	375.0	451.4	529.0	609.3	688.8	758.1	824.9	894.0	953.4
-40°	243.3	289.1	347.5	415.1	488.2	564.6	640.7	712.4	775.2	843.5	908.8
-42.5°	226.6	270.2	320.5	376.7	445.8	517.7	591.2	661.3	726.5	791.0	855.7
-45°	212.0	250.2	293.0	344.3	400.6	468.2	537.8	607.7	670.2	731.7	795.6
-47.5°	196.4	230.0	269.6	310.6	359.5	416.1	481.5	546.0	610.0	668.4	725.0
-50°	180.8	211.8	244.4	281.3	321.6	367.5	421.9	481.8	540.3	600.3	656.3
-52.5°	167.4	192.7	222.2	253.0	287.5	325.4	369.0	418.2	471.4	522.3	578.2
-55°	153.6	176.4	200.1	227.2	256.0	288.0	323.7	365.1	405.6	452.8	498.4
-57.5°	140.9	160.1	180.4	202.8	227.7	253.4	284.6	316.8	353.6	390.2	426.3
-60°	128.9	144.6	161.8	180.8	200.9	223.7	247.0	274.6	304.3	333.5	364.2
-62.5°	116.9	130.1	144.1	159.9	177.4	194.6	214.5	235.8	257.7	282.4	306.6
-65°	104.5	115.2	127.1	140.1	154.1	168.8	184.1	199.8	218.4	236.6	254.2
-67.5°	91.4	100.5	110.1	120.4	132.1	143.7	155.2	168.5	182.2	195.6	209.5
-70°	76.8	85.4	93.4	101.8	110.5	119.5	129.4	139.1	148.8	158.9	170.0
-72.5°	62.0	69.9	77.0	83.1	90.3	97.8	105.0	111.8	119.1	126.8	134.3
-75°	49.5	54.7	61.0	66.7	72.4	77.7	82.4	88.2	94.3	99.9	104.4
-77.5°	38.6	43.4	47.7	51.5	56.1	61.4	66.0	69.9	73.8	78.0	82.4
-80°	28.1	32.1	36.0	39.6	42.2	45.2	48.7	52.8	56.3	59.1	61.7
-82.5°	18.1	21.0	23.9	26.9	28.1	28.9	29.7	31.1	33.3	35.4	37.5
-85°	9.0	9.8	11.6	13.4	14.1	14.5	14.9	15.0	15.8	16.4	17.0
-87.5°	4.5	4.9	5.3	5.7	5.5	5.2	4.9	4.5	4.4	4.2	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



REPORT NUMBER: P645321 (CONVERTED FROM TYPE C PHOTOMETRY)  
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**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°	0.2	0.3	0.3	0.3	0.3	0.2	0.1	0.1	0.0	0.0	0.0
85°	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.2	0.1
82.5°	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3
80°	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3
77.5°	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3
75°	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3
72.5°	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3
70°	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3
67.5°	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.2
65°	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.3	0.3	0.2
62.5°	0.8	0.9	0.7	0.7	0.7	0.6	0.6	0.6	0.5	0.5	0.5
60°	4.9	2.9	1.7	2.0	1.8	1.1	1.5	1.8	1.8	1.6	1.4
57.5°	27.3	20.4	15.1	36.0	36.1	17.2	20.8	32.7	26.9	8.9	8.2
55°	75.9	90.7	119.4	113.4	115.3	132.6	144.8	128.2	125.7	133.9	154.7
52.5°	136.3	150.5	160.1	169.2	180.2	192.0	204.2	211.9	219.1	226.8	231.4
50°	174.0	194.0	207.8	202.8	231.2	242.8	231.0	241.5	254.4	257.9	259.6
47.5°	257.0	286.3	292.2	311.0	327.9	327.6	313.2	314.0	352.4	386.2	402.8
45°	369.4	370.4	388.8	422.1	445.9	438.4	458.6	504.3	519.5	534.2	546.3
42.5°	413.1	431.3	460.7	490.1	507.9	523.3	538.2	555.0	574.8	590.8	603.6
40°	455.5	470.2	500.2	524.0	538.7	553.1	570.4	589.0	607.1	621.2	630.8
37.5°	520.8	532.1	539.4	561.4	589.3	576.4	609.3	632.9	643.7	658.1	659.4
35°	619.5	611.9	602.1	689.8	695.1	665.5	696.3	732.8	713.5	753.7	775.3
32.5°	706.9	705.8	782.3	828.5	802.0	823.6	894.6	891.4	938.7	960.7	954.4
30°	789.3	817.4	861.7	896.1	900.7	934.8	966.3	994.0	1022.6	1048.2	1049.9
27.5°	831.2	867.9	897.9	917.8	940.0	968.7	997.4	1028.5	1052.7	1068.8	1072.7
25°	856.5	894.0	916.7	938.2	962.6	987.4	1019.5	1053.3	1072.8	1082.7	1085.9
22.5°	878.8	912.5	937.0	954.4	980.7	1007.4	1037.2	1065.9	1087.1	1091.4	1093.0
20°	900.3	932.7	973.5	999.1	997.8	1027.9	1056.7	1079.5	1097.1	1097.0	1097.4
17.5°	962.4	974.0	1048.1	1104.5	1076.6	1061.9	1141.0	1142.5	1147.2	1137.8	1117.6
15°	1054.5	1075.5	1166.6	1227.6	1208.4	1207.4	1321.6	1293.3	1317.7	1311.3	1338.8
12.5°	1151.9	1176.8	1244.9	1304.8	1333.4	1340.4	1378.6	1414.3	1421.7	1418.8	1413.4
10°	1218.3	1253.8	1281.2	1317.5	1346.3	1375.7	1397.8	1423.5	1431.9	1427.0	1420.2
7.5°	1227.0	1262.0	1294.1	1326.1	1353.5	1377.2	1400.1	1421.0	1429.5	1426.7	1422.0
5°	1232.5	1264.2	1295.3	1327.7	1354.0	1375.9	1398.8	1420.0	1425.0	1421.6	1417.0
2.5°	1235.9	1265.2	1295.2	1327.5	1351.3	1372.2	1395.4	1418.0	1417.9	1416.4	1413.7
0°	1237.5	1267.0	1301.8	1331.0	1357.6	1377.4	1400.3	1422.3	1420.7	1416.6	1411.9
-2.5°	1241.0	1270.9	1306.4	1330.6	1360.7	1378.8	1402.5	1421.5	1420.7	1418.7	1416.4
-5°	1244.2	1277.7	1311.0	1336.4	1366.6	1390.3	1413.8	1428.6	1429.4	1426.7	1422.7
-7.5°	1246.1	1283.3	1315.1	1340.6	1369.8	1397.4	1421.2	1436.8	1437.2	1433.4	1428.7
-10°	1245.4	1284.7	1317.4	1343.8	1373.7	1401.0	1425.9	1445.7	1445.0	1441.5	1437.5
-12.5°	1243.1	1282.3	1315.9	1342.4	1376.3	1404.4	1432.4	1452.1	1453.2	1450.5	1446.1
-15°	1237.9	1278.4	1311.1	1340.0	1373.3	1406.0	1434.9	1456.6	1460.5	1458.3	1454.8
-17.5°	1227.7	1270.5	1305.0	1336.2	1368.2	1403.1	1435.9	1459.6	1464.9	1464.0	1461.2
-20°	1214.3	1258.5	1293.5	1326.2	1361.0	1396.9	1435.1	1456.8	1464.5	1465.0	1463.0

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REPORT NUMBER: P645321 (CONVERTED FROM TYPE C PHOTOMETRY)  
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**CANDELA DISTRIBUTION (continued):**

	-35°	-32.5°	-30°	-27.5°	-25°	-22.5°	-20°	-17.5°	-15°	-12.5°	-10°
-22.5°	1199.2	1242.5	1279.7	1311.7	1349.5	1385.9	1420.4	1445.9	1458.8	1461.2	1461.3
-25°	1181.2	1225.6	1262.6	1296.7	1331.8	1369.4	1404.3	1432.7	1445.8	1452.0	1454.0
-27.5°	1155.6	1201.6	1238.0	1274.1	1309.8	1348.6	1385.3	1416.1	1426.8	1435.3	1438.8
-30°	1125.7	1171.1	1208.2	1241.3	1282.1	1321.7	1359.6	1386.5	1402.5	1412.4	1417.7
-32.5°	1091.3	1137.1	1176.1	1210.6	1249.4	1289.0	1324.6	1353.0	1375.2	1386.5	1392.3
-35°	1054.0	1100.8	1141.6	1177.9	1214.5	1252.2	1289.1	1318.8	1344.0	1353.8	1361.0
-37.5°	1009.0	1060.6	1102.5	1140.0	1174.7	1210.1	1248.6	1282.5	1307.0	1316.5	1324.1
-40°	962.9	1012.8	1055.0	1094.9	1129.3	1168.0	1205.0	1240.6	1261.9	1272.9	1281.5
-42.5°	914.2	959.3	999.4	1038.2	1076.4	1116.3	1153.3	1190.3	1208.6	1221.9	1232.5
-45°	857.9	899.9	938.9	975.2	1014.6	1053.8	1090.9	1123.6	1145.4	1162.7	1176.2
-47.5°	783.0	834.1	873.3	907.8	946.9	984.7	1020.6	1051.3	1075.3	1095.5	1111.2
-50°	706.9	756.0	800.1	838.9	875.2	910.1	944.3	974.3	999.7	1021.7	1037.5
-52.5°	631.9	677.9	721.7	761.8	796.6	829.6	860.9	891.1	917.9	941.4	956.7
-55°	547.3	594.9	638.2	675.6	710.4	743.0	773.8	802.5	828.9	852.8	867.5
-57.5°	467.8	509.6	549.9	584.4	617.3	648.3	677.6	705.0	730.4	752.9	767.0
-60°	394.7	425.2	459.9	491.8	520.9	547.3	574.6	600.2	623.5	643.3	656.5
-62.5°	330.2	355.4	380.5	404.7	428.4	452.1	475.0	496.2	515.6	531.8	543.4
-65°	272.7	293.0	311.1	328.3	344.6	363.3	380.7	397.1	412.2	424.6	433.4
-67.5°	224.5	238.8	251.3	263.1	276.0	289.2	301.6	312.5	321.7	329.1	334.9
-70°	181.1	191.6	201.0	210.4	219.8	228.4	236.6	244.6	252.2	258.3	262.9
-72.5°	141.8	149.0	155.4	162.6	169.4	175.9	181.6	186.2	189.8	193.2	196.2
-75°	108.1	113.5	120.7	126.9	131.9	136.4	140.5	144.2	147.4	150.3	152.8
-77.5°	86.9	91.5	96.1	100.6	104.9	108.2	111.1	114.1	117.1	119.6	121.8
-80°	64.4	67.8	71.4	75.0	78.6	80.3	81.8	83.1	84.2	85.7	87.1
-82.5°	39.4	41.3	43.3	45.3	47.3	47.8	48.0	48.0	47.7	47.2	46.3
-85°	17.5	17.6	17.6	17.4	17.1	16.4	15.5	14.5	13.4	13.2	13.1
-87.5°	3.9	3.8	3.7	3.6	3.4	3.4	3.4	3.4	3.4	3.5	3.6
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



REPORT NUMBER: P645321 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: GFLD-SA1C-727-U-LAM-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	0.1
85°	0.1	0.0	0.0	0.0	0.0	0.0	0.1	0.1	0.2	0.3	0.3
82.5°	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3
80°	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3
77.5°	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3
75°	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3
72.5°	0.3	0.3	0.2	0.0	0.2	0.3	0.3	0.3	0.3	0.3	0.3
70°	0.3	0.3	0.2	0.0	0.2	0.3	0.3	0.3	0.3	0.3	0.3
67.5°	0.1	0.0	0.0	0.0	0.0	0.0	0.1	0.2	0.3	0.3	0.3
65°	0.1	0.0	0.0	0.0	0.0	0.0	0.1	0.2	0.3	0.3	0.4
62.5°	0.5	0.6	0.6	0.6	0.6	0.6	0.5	0.5	0.5	0.5	0.6
60°	1.1	0.7	0.6	0.6	0.6	0.7	1.1	1.4	1.6	1.8	1.8
57.5°	6.9	5.2	4.4	4.1	4.4	5.2	6.9	8.2	8.9	26.9	32.7
55°	169.6	178.2	184.6	187.6	184.6	178.2	169.6	154.7	133.9	125.7	128.2
52.5°	235.5	239.2	241.4	241.3	241.4	239.2	235.5	231.4	226.8	219.1	211.9
50°	262.4	264.3	264.9	264.5	264.9	264.3	262.4	259.6	257.9	254.4	241.5
47.5°	387.7	354.1	329.4	323.5	329.4	354.1	387.7	402.8	386.2	352.4	314.0
45°	552.1	564.8	577.5	581.4	577.5	564.8	552.1	546.3	534.2	519.5	504.3
42.5°	609.0	613.1	615.5	615.6	615.5	613.1	609.0	603.6	590.8	574.8	555.0
40°	636.2	640.1	642.4	642.6	642.4	640.1	636.2	630.8	621.2	607.1	589.0
37.5°	660.9	664.2	666.4	668.6	666.4	664.2	660.9	659.4	658.1	643.7	632.9
35°	772.4	747.1	710.8	716.3	710.8	747.1	772.4	775.3	753.7	713.5	732.8
32.5°	964.2	974.8	981.5	992.7	981.5	974.8	964.2	954.4	960.7	938.7	891.4
30°	1052.7	1056.2	1061.5	1067.1	1061.5	1056.2	1052.7	1049.9	1048.2	1022.6	994.0
27.5°	1074.8	1078.4	1081.7	1084.0	1081.7	1078.4	1074.8	1072.7	1068.8	1052.7	1028.5
25°	1086.3	1088.6	1092.0	1095.0	1092.0	1088.6	1086.3	1085.9	1082.7	1072.8	1053.3
22.5°	1092.1	1092.3	1095.0	1098.8	1095.0	1092.3	1092.1	1093.0	1091.4	1087.1	1065.9
20°	1096.0	1093.9	1096.6	1099.1	1096.6	1093.9	1096.0	1097.4	1097.0	1097.1	1079.5
17.5°	1146.2	1117.5	1105.8	1106.0	1105.8	1117.5	1146.2	1117.6	1137.8	1147.2	1142.5
15°	1308.0	1318.7	1359.9	1382.1	1359.9	1318.7	1308.0	1338.8	1311.3	1317.7	1293.3
12.5°	1412.4	1408.6	1403.7	1410.4	1403.7	1408.6	1412.4	1413.4	1418.8	1421.7	1414.3
10°	1417.3	1416.8	1408.1	1417.6	1408.1	1416.8	1417.3	1420.2	1427.0	1431.9	1423.5
7.5°	1414.3	1414.6	1410.8	1420.1	1410.8	1414.6	1414.3	1422.0	1426.7	1429.5	1421.0
5°	1416.3	1409.9	1412.2	1417.6	1412.2	1409.9	1416.3	1417.0	1421.6	1425.0	1420.0
2.5°	1410.7	1410.1	1405.4	1409.1	1405.4	1410.1	1410.7	1413.7	1416.4	1417.9	1418.0
0°	1406.6	1403.1	1403.1	1406.3	1403.1	1403.1	1406.6	1411.9	1416.6	1420.7	1422.3
-2.5°	1414.0	1413.3	1412.8	1410.7	1412.8	1413.3	1414.0	1416.4	1418.7	1420.7	1421.5
-5°	1420.1	1418.2	1413.1	1420.1	1413.1	1418.2	1420.1	1422.7	1426.7	1429.4	1428.6
-7.5°	1426.7	1421.9	1417.0	1427.9	1417.0	1421.9	1426.7	1428.7	1433.4	1437.2	1436.8
-10°	1432.7	1425.8	1421.0	1431.7	1421.0	1425.8	1432.7	1437.5	1441.5	1445.0	1445.7
-12.5°	1440.6	1432.5	1429.4	1435.1	1429.4	1432.5	1440.6	1446.1	1450.5	1453.2	1452.1
-15°	1449.0	1443.4	1442.7	1446.1	1442.7	1443.4	1449.0	1454.8	1458.3	1460.5	1456.6
-17.5°	1456.4	1452.5	1454.5	1458.4	1454.5	1452.5	1456.4	1461.2	1464.0	1464.9	1459.6
-20°	1460.0	1457.8	1460.0	1469.7	1460.0	1457.8	1460.0	1463.0	1465.0	1464.5	1456.8

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REPORT NUMBER: P645321 (CONVERTED FROM TYPE C PHOTOMETRY)  
CATALOG NUMBER: GFLD-SA1C-727-U-LAM-VSR-XX

**CANDELA DISTRIBUTION (continued):**

	-7.5°	-5°	-2.5°	0°	2.5°	5°	7.5°	10°	12.5°	15°	17.5°
-22.5°	1459.7	1459.8	1463.6	1466.8	1463.6	1459.8	1459.7	1461.3	1461.2	1458.8	1445.9
-25°	1454.1	1457.0	1461.4	1467.8	1461.4	1457.0	1454.1	1454.0	1452.0	1445.8	1432.7
-27.5°	1440.7	1445.6	1450.2	1456.8	1450.2	1445.6	1440.7	1438.8	1435.3	1426.8	1416.1
-30°	1421.3	1427.1	1431.2	1438.3	1431.2	1427.1	1421.3	1417.7	1412.4	1402.5	1386.5
-32.5°	1397.7	1404.2	1409.0	1414.1	1409.0	1404.2	1397.7	1392.3	1386.5	1375.2	1353.0
-35°	1368.1	1375.2	1380.3	1384.9	1380.3	1375.2	1368.1	1361.0	1353.8	1344.0	1318.8
-37.5°	1332.6	1340.2	1346.1	1351.4	1346.1	1340.2	1332.6	1324.1	1316.5	1307.0	1282.5
-40°	1291.3	1299.1	1305.4	1311.2	1305.4	1299.1	1291.3	1281.5	1272.9	1261.9	1240.6
-42.5°	1242.9	1250.8	1257.2	1263.2	1257.2	1250.8	1242.9	1232.5	1221.9	1208.6	1190.3
-45°	1187.0	1195.2	1202.0	1208.3	1202.0	1195.2	1187.0	1176.2	1162.7	1145.4	1123.6
-47.5°	1122.7	1131.4	1137.3	1140.2	1137.3	1131.4	1122.7	1111.2	1095.5	1075.3	1051.3
-50°	1049.0	1057.7	1064.7	1069.9	1064.7	1057.7	1049.0	1037.5	1021.7	999.7	974.3
-52.5°	967.9	976.1	982.2	985.8	982.2	976.1	967.9	956.7	941.4	917.9	891.1
-55°	879.0	887.7	893.4	896.1	893.4	887.7	879.0	867.5	852.8	828.9	802.5
-57.5°	778.3	786.5	792.6	796.0	792.6	786.5	778.3	767.0	752.9	730.4	705.0
-60°	666.7	674.1	678.7	680.6	678.7	674.1	666.7	656.5	643.3	623.5	600.2
-62.5°	552.7	559.7	564.0	565.7	564.0	559.7	552.7	543.4	531.8	515.6	496.2
-65°	440.0	444.4	446.8	447.1	446.8	444.4	440.0	433.4	424.6	412.2	397.1
-67.5°	339.5	342.8	344.8	345.5	344.8	342.8	339.5	334.9	329.1	321.7	312.5
-70°	266.4	268.7	269.9	270.1	269.9	268.7	266.4	262.9	258.3	252.2	244.6
-72.5°	198.5	200.2	199.6	198.3	199.6	200.2	198.5	196.2	193.2	189.8	186.2
-75°	154.9	156.7	156.0	154.7	156.0	156.7	154.9	152.8	150.3	147.4	144.2
-77.5°	123.7	125.4	124.6	123.3	124.6	125.4	123.7	121.8	119.6	117.1	114.1
-80°	88.3	89.3	90.0	90.4	90.0	89.3	88.3	87.1	85.7	84.2	83.1
-82.5°	45.2	43.9	43.0	42.0	43.0	43.9	45.2	46.3	47.2	47.7	48.0
-85°	12.8	12.5	12.7	12.9	12.7	12.5	12.8	13.1	13.2	13.4	14.5
-87.5°	3.7	3.8	3.8	3.8	3.8	3.8	3.7	3.6	3.5	3.4	3.4
-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: P645321 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: GFLD-SA1C-727-U-LAM-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°	0.1	0.2	0.3	0.3	0.3	0.3	0.2	0.2	0.2	0.2	0.2
85°	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3
82.5°	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3
80°	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3
77.5°	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3
75°	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3
72.5°	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3
70°	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3
67.5°	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.4
65°	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4
62.5°	0.6	0.6	0.7	0.7	0.7	0.9	0.8	0.8	0.7	0.9	1.2
60°	1.5	1.1	1.8	2.0	1.7	2.9	4.9	4.4	1.3	7.1	8.2
57.5°	20.8	17.2	36.1	36.0	15.1	20.4	27.3	18.0	11.8	20.1	26.6
55°	144.8	132.6	115.3	113.4	119.4	90.7	75.9	73.0	57.2	37.1	44.1
52.5°	204.2	192.0	180.2	169.2	160.1	150.5	136.3	121.0	116.1	93.5	72.1
50°	231.0	242.8	231.2	202.8	207.8	194.0	174.0	157.8	161.1	147.3	118.7
47.5°	313.2	327.6	327.9	311.0	292.2	286.3	257.0	206.1	209.5	208.9	178.7
45°	458.6	438.4	445.9	422.1	388.8	370.4	369.4	314.9	264.5	256.3	253.3
42.5°	538.2	523.3	507.9	490.1	460.7	431.3	413.1	382.5	342.0	306.1	293.3
40°	570.4	553.1	538.7	524.0	500.2	470.2	455.5	415.3	384.9	353.8	343.4
37.5°	609.3	576.4	589.3	561.4	539.4	532.1	520.8	478.9	411.4	405.7	400.5
35°	696.3	665.5	695.1	689.8	602.1	611.9	619.5	568.0	497.3	459.0	459.8
32.5°	894.6	823.6	802.0	828.5	782.3	705.8	706.9	691.3	594.7	538.9	514.5
30°	966.3	934.8	900.7	896.1	861.7	817.4	789.3	751.7	681.5	617.8	575.9
27.5°	997.4	968.7	940.0	917.8	897.9	867.9	831.2	787.0	737.0	679.9	639.3
25°	1019.5	987.4	962.6	938.2	916.7	894.0	856.5	813.4	766.8	720.8	677.2
22.5°	1037.2	1007.4	980.7	954.4	937.0	912.5	878.8	834.3	803.0	773.8	717.1
20°	1056.7	1027.9	997.8	999.1	973.5	932.7	900.3	878.1	873.9	841.0	767.7
17.5°	1141.0	1061.9	1076.6	1104.5	1048.1	974.0	962.4	963.7	950.1	919.5	828.4
15°	1321.6	1207.4	1208.4	1227.6	1166.6	1075.5	1054.5	1051.9	1030.5	996.6	892.5
12.5°	1378.6	1340.4	1333.4	1304.8	1244.9	1176.8	1151.9	1138.4	1099.2	1033.7	938.6
10°	1397.8	1375.7	1346.3	1317.5	1281.2	1253.8	1218.3	1169.3	1113.5	1050.3	972.9
7.5°	1400.1	1377.2	1353.5	1326.1	1294.1	1262.0	1227.0	1178.2	1124.3	1062.3	997.1
5°	1398.8	1375.9	1354.0	1327.7	1295.3	1264.2	1232.5	1184.2	1131.6	1070.2	1013.0
2.5°	1395.4	1372.2	1351.3	1327.5	1295.2	1265.2	1235.9	1190.7	1136.8	1076.6	1018.4
0°	1400.3	1377.4	1357.6	1331.0	1301.8	1267.0	1237.5	1197.3	1139.3	1080.9	1020.4
-2.5°	1402.5	1378.8	1360.7	1330.6	1306.4	1270.9	1241.0	1202.2	1144.0	1088.5	1025.2
-5°	1413.8	1390.3	1366.6	1336.4	1311.0	1277.7	1244.2	1204.2	1147.5	1092.6	1027.4
-7.5°	1421.2	1397.4	1369.8	1340.6	1315.1	1283.3	1246.1	1204.4	1150.8	1092.5	1028.5
-10°	1425.9	1401.0	1373.7	1343.8	1317.4	1284.7	1245.4	1203.3	1150.1	1090.0	1026.2
-12.5°	1432.4	1404.4	1376.3	1342.4	1315.9	1282.3	1243.1	1200.9	1145.2	1085.2	1020.3
-15°	1434.9	1406.0	1373.3	1340.0	1311.1	1278.4	1237.9	1193.8	1136.6	1077.9	1010.7
-17.5°	1435.9	1403.1	1368.2	1336.2	1305.0	1270.5	1227.7	1180.8	1125.6	1064.9	998.0
-20°	1435.1	1396.9	1361.0	1326.2	1293.5	1258.5	1214.3	1167.9	1109.9	1048.1	981.6



Classified

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

Scaled Data Report



REPORT NUMBER: P645321 (CONVERTED FROM TYPE C PHOTOMETRY)  
CATALOG NUMBER: GFLD-SA1C-727-U-LAM-VSR-XX

**CANDELA DISTRIBUTION (continued):**

	20°	22.5°	25°	27.5°	30°	32.5°	35°	37.5°	40°	42.5°	45°
-22.5°	1420.4	1385.9	1349.5	1311.7	1279.7	1242.5	1199.2	1151.2	1089.4	1029.6	960.8
-25°	1404.3	1369.4	1331.8	1296.7	1262.6	1225.6	1181.2	1126.7	1068.0	1005.8	935.4
-27.5°	1385.3	1348.6	1309.8	1274.1	1238.0	1201.6	1155.6	1100.7	1044.2	976.2	908.0
-30°	1359.6	1321.7	1282.1	1241.3	1208.2	1171.1	1125.7	1072.4	1011.7	944.6	879.6
-32.5°	1324.6	1289.0	1249.4	1210.6	1176.1	1137.1	1091.3	1038.4	974.7	911.2	843.6
-35°	1289.1	1252.2	1214.5	1177.9	1141.6	1100.8	1054.0	996.4	935.5	872.7	802.5
-37.5°	1248.6	1210.1	1174.7	1140.0	1102.5	1060.6	1009.0	953.4	894.0	824.9	758.1
-40°	1205.0	1168.0	1129.3	1094.9	1055.0	1012.8	962.9	908.8	843.5	775.2	712.4
-42.5°	1153.3	1116.3	1076.4	1038.2	999.4	959.3	914.2	855.7	791.0	726.5	661.3
-45°	1090.9	1053.8	1014.6	975.2	938.9	899.9	857.9	795.6	731.7	670.2	607.7
-47.5°	1020.6	984.7	946.9	907.8	873.3	834.1	783.0	725.0	668.4	610.0	546.0
-50°	944.3	910.1	875.2	838.9	800.1	756.0	706.9	656.3	600.3	540.3	481.8
-52.5°	860.9	829.6	796.6	761.8	721.7	677.9	631.9	578.2	522.3	471.4	418.2
-55°	773.8	743.0	710.4	675.6	638.2	594.9	547.3	498.4	452.8	405.6	365.1
-57.5°	677.6	648.3	617.3	584.4	549.9	509.6	467.8	426.3	390.2	353.6	316.8
-60°	574.6	547.3	520.9	491.8	459.9	425.2	394.7	364.2	333.5	304.3	274.6
-62.5°	475.0	452.1	428.4	404.7	380.5	355.4	330.2	306.6	282.4	257.7	235.8
-65°	380.7	363.3	344.6	328.3	311.1	293.0	272.7	254.2	236.6	218.4	199.8
-67.5°	301.6	289.2	276.0	263.1	251.3	238.8	224.5	209.5	195.6	182.2	168.5
-70°	236.6	228.4	219.8	210.4	201.0	191.6	181.1	170.0	158.9	148.8	139.1
-72.5°	181.6	175.9	169.4	162.6	155.4	149.0	141.8	134.3	126.8	119.1	111.8
-75°	140.5	136.4	131.9	126.9	120.7	113.5	108.1	104.4	99.9	94.3	88.2
-77.5°	111.1	108.2	104.9	100.6	96.1	91.5	86.9	82.4	78.0	73.8	69.9
-80°	81.8	80.3	78.6	75.0	71.4	67.8	64.4	61.7	59.1	56.3	52.8
-82.5°	48.0	47.8	47.3	45.3	43.3	41.3	39.4	37.5	35.4	33.3	31.1
-85°	15.5	16.4	17.1	17.4	17.6	17.6	17.5	17.0	16.4	15.8	15.0
-87.5°	3.4	3.4	3.4	3.6	3.7	3.8	3.9	4.0	4.2	4.4	4.5
-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: P645321 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: GFLD-SA1C-727-U-LAM-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°	0.2	0.2	0.2	0.2	0.2	0.1	0.1	0.1	0.1	0.2	0.2
85°	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3
82.5°	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.4	0.5	0.5
80°	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.4	0.5	0.5
77.5°	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.4	0.5	0.5
75°	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.4	0.5	0.5
72.5°	0.3	0.3	0.3	0.3	0.4	0.4	0.3	0.3	0.4	0.5	0.5
70°	0.3	0.3	0.3	0.3	0.4	0.5	0.5	0.5	0.4	0.5	0.6
67.5°	0.4	0.5	0.4	0.4	0.4	0.5	0.6	0.7	0.7	0.5	0.6
65°	0.5	0.5	0.6	0.9	0.8	0.5	0.6	1.2	1.0	0.8	0.6
62.5°	1.0	0.6	2.0	2.6	1.5	1.1	0.9	2.7	1.7	1.2	0.8
60°	2.5	2.0	5.5	8.8	6.2	2.1	3.0	4.7	4.3	1.5	1.2
57.5°	23.0	7.9	11.5	16.6	16.3	8.8	6.4	8.6	7.4	4.3	1.7
55°	49.1	41.4	27.3	25.0	27.0	21.8	14.2	13.9	11.4	7.9	2.7
52.5°	67.4	70.3	61.2	42.8	37.2	35.5	27.7	20.2	17.9	11.9	6.9
50°	97.5	90.8	89.9	75.5	52.2	47.3	40.9	31.5	25.2	17.0	11.6
47.5°	137.8	121.0	112.2	105.7	83.3	60.3	53.7	43.1	33.1	24.5	16.6
45°	196.9	156.4	139.3	128.8	114.2	84.7	67.2	54.4	43.2	32.9	21.8
42.5°	256.3	202.3	170.2	153.2	138.1	112.4	81.6	67.4	53.0	41.4	28.4
40°	308.7	249.5	202.8	180.9	161.5	139.1	105.0	81.3	62.5	50.2	35.9
37.5°	371.9	303.4	240.2	209.9	186.5	161.4	128.7	95.8	74.1	59.4	43.4
35°	432.9	373.1	282.1	245.0	214.4	184.3	151.5	113.0	88.2	68.7	50.9
32.5°	498.4	438.6	345.4	284.1	243.2	207.6	172.8	133.8	102.5	78.2	58.4
30°	550.0	481.7	401.0	323.3	274.6	233.7	194.1	153.8	116.8	87.8	65.9
27.5°	577.3	519.0	444.8	367.0	309.8	260.5	216.1	172.9	131.1	98.3	73.8
25°	605.6	545.3	476.2	405.2	344.7	288.8	238.0	191.2	146.6	110.1	81.6
22.5°	639.5	567.6	502.5	435.5	380.6	317.5	260.9	209.6	162.2	121.7	89.2
20°	673.5	588.4	528.6	476.6	415.9	348.6	284.9	227.6	176.9	133.1	96.7
17.5°	709.2	626.1	572.9	516.8	451.0	378.6	308.5	245.1	190.6	144.0	104.0
15°	771.2	682.5	617.4	555.9	486.0	407.6	331.6	261.8	203.5	154.5	110.8
12.5°	827.6	735.0	662.0	593.7	520.3	435.2	353.8	277.8	215.4	162.9	116.8
10°	874.2	783.8	706.1	629.9	553.7	461.2	375.0	290.8	222.6	169.2	122.4
7.5°	912.4	828.8	749.1	664.5	582.4	478.3	385.7	298.4	228.1	174.5	127.5
5°	940.0	858.8	772.0	676.5	591.4	485.3	393.0	304.5	232.6	179.0	132.0
2.5°	948.0	868.1	780.6	683.1	597.4	489.8	398.2	309.3	236.0	182.6	136.1
0°	952.6	874.1	786.0	687.1	600.5	492.0	401.3	312.5	238.5	185.4	139.6
-2.5°	959.1	879.4	791.2	697.5	602.6	498.6	403.1	314.6	241.6	186.4	141.7
-5°	962.3	881.4	793.6	704.5	602.0	502.5	402.9	315.3	243.6	186.8	143.2
-7.5°	960.9	880.8	793.7	706.7	599.3	503.4	400.7	314.6	244.4	186.5	144.1
-10°	956.6	877.2	790.7	701.0	596.8	499.9	396.8	312.6	243.9	185.8	144.5
-12.5°	950.0	870.5	784.5	692.9	591.6	492.5	392.2	309.1	241.9	184.5	144.3
-15°	941.4	860.8	775.1	682.5	583.0	482.8	385.3	304.2	238.1	183.0	143.4
-17.5°	930.4	848.1	762.4	670.2	570.9	470.7	376.0	297.7	233.3	181.3	141.7
-20°	910.8	831.1	746.3	656.2	555.2	456.3	364.3	289.7	227.6	178.7	139.2



REPORT NUMBER: P645321 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: GFLD-SA1C-727-U-LAM-VSR-XX

**CANDELA DISTRIBUTION (continued):**

	47.5°	50°	52.5°	55°	57.5°	60°	62.5°	65°	67.5°	70°	72.5°
-22.5°	888.8	810.1	726.2	637.4	536.3	439.9	350.2	280.2	221.0	175.4	136.3
-25°	865.4	786.3	702.9	611.2	515.4	422.5	336.0	269.2	213.6	171.3	132.8
-27.5°	837.8	759.5	676.4	582.5	491.1	402.3	322.5	259.5	206.4	166.5	128.9
-30°	806.9	727.9	643.3	551.8	464.5	378.9	307.2	249.1	200.3	161.2	124.5
-32.5°	771.3	693.1	606.7	520.3	436.4	354.1	290.4	238.0	193.3	155.5	120.5
-35°	730.9	652.7	567.9	486.6	406.6	334.1	274.0	226.2	185.4	149.4	116.2
-37.5°	688.8	609.3	529.0	451.4	375.0	312.4	259.3	214.6	176.5	142.9	111.5
-40°	640.7	564.6	488.2	415.1	347.5	289.1	243.3	203.1	168.1	135.9	106.4
-42.5°	591.2	517.7	445.8	376.7	320.5	270.2	226.6	190.7	159.2	129.2	100.8
-45°	537.8	468.2	400.6	344.3	293.0	250.2	212.0	177.9	149.7	122.4	95.1
-47.5°	481.5	416.1	359.5	310.6	269.6	230.0	196.4	166.8	139.8	115.0	89.3
-50°	421.9	367.5	321.6	281.3	244.4	211.8	180.8	155.1	130.7	106.9	83.3
-52.5°	369.0	325.4	287.5	253.0	222.2	192.7	167.4	143.2	121.3	99.1	77.0
-55°	323.7	288.0	256.0	227.2	200.1	176.4	153.6	132.6	111.7	91.3	70.6
-57.5°	284.6	253.4	227.7	202.8	180.4	160.1	140.9	121.8	102.4	83.2	65.5
-60°	247.0	223.7	200.9	180.8	161.8	144.6	128.9	111.0	93.1	75.2	59.9
-62.5°	214.5	194.6	177.4	159.9	144.1	130.1	116.9	100.4	83.5	67.7	53.8
-65°	184.1	168.8	154.1	140.1	127.1	115.2	104.5	89.6	73.9	59.8	47.4
-67.5°	155.2	143.7	132.1	120.4	110.1	100.5	91.4	77.9	63.9	51.4	41.1
-70°	129.4	119.5	110.5	101.8	93.4	85.4	76.8	65.4	53.4	44.0	34.7
-72.5°	105.0	97.8	90.3	83.1	77.0	69.9	62.0	53.1	44.7	36.4	28.2
-75°	82.4	77.7	72.4	66.7	61.0	54.7	49.5	43.3	35.9	28.6	22.7
-77.5°	66.0	61.4	56.1	51.5	47.7	43.4	38.6	33.2	27.4	22.3	17.5
-80°	48.7	45.2	42.2	39.6	36.0	32.1	28.1	24.2	19.9	16.0	12.3
-82.5°	29.7	28.9	28.1	26.9	23.9	21.0	18.1	15.3	12.3	9.5	7.9
-85°	14.9	14.5	14.1	13.4	11.6	9.8	9.0	8.2	7.2	6.2	5.3
-87.5°	4.9	5.2	5.5	5.7	5.3	4.9	4.5	4.1	3.6	3.1	2.6
-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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Scaled Data Report



REPORT NUMBER: P645321 (CONVERTED FROM TYPE C PHOTOMETRY)  
CATALOG NUMBER: GFLD-SA1C-727-U-LAM-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°	0.2	0.1	0.1	0.1	0.1	0.0	0.0
85°	0.3	0.3	0.2	0.2	0.1	0.1	0.0
82.5°	0.5	0.4	0.3	0.2	0.2	0.1	0.0
80°	0.6	0.5	0.4	0.3	0.2	0.1	0.0
77.5°	0.6	0.6	0.5	0.4	0.3	0.2	0.0
75°	0.6	0.6	0.6	0.5	0.3	0.2	0.0
72.5°	0.6	0.6	0.6	0.5	0.4	0.2	0.0
70°	0.6	0.7	0.7	0.6	0.4	0.3	0.0
67.5°	0.7	0.7	0.7	0.6	0.5	0.3	0.0
65°	0.8	0.8	0.7	0.7	0.5	0.3	0.0
62.5°	1.0	1.0	0.8	0.7	0.6	0.4	0.0
60°	1.1	1.2	0.8	0.7	0.6	0.4	0.0
57.5°	2.1	1.5	1.0	0.8	0.7	0.4	0.0
55°	3.4	1.8	1.3	0.8	0.7	0.4	0.0
52.5°	4.9	2.3	1.6	0.8	0.7	0.5	0.0
50°	6.6	3.9	1.9	0.9	0.8	0.5	0.0
47.5°	8.9	5.6	2.2	0.9	0.8	0.5	0.0
45°	13.4	7.5	2.5	1.2	0.9	0.6	0.0
42.5°	18.1	9.5	2.9	1.4	0.9	0.6	0.0
40°	22.8	11.5	3.8	1.8	0.9	0.6	0.0
37.5°	27.6	13.7	5.5	2.1	1.0	0.6	0.0
35°	32.5	17.1	7.1	2.6	1.0	0.7	0.0
32.5°	37.8	20.9	8.8	3.0	1.1	0.7	0.0
30°	43.9	24.8	10.5	3.5	1.1	0.7	0.0
27.5°	49.9	28.6	12.6	4.1	1.2	0.7	0.0
25°	55.7	32.3	14.7	4.6	1.2	0.8	0.0
22.5°	61.4	36.1	16.9	5.2	1.2	0.8	0.0
20°	66.8	40.2	19.0	5.8	1.3	0.8	0.0
17.5°	72.2	44.1	21.1	6.4	1.3	0.8	0.0
15°	77.4	47.9	23.1	7.1	1.4	0.8	0.0
12.5°	82.3	51.6	25.1	7.7	1.4	0.8	0.0
10°	86.8	55.0	27.0	8.3	1.5	0.9	0.0
7.5°	90.9	58.2	28.8	8.8	1.5	0.9	0.0
5°	94.7	61.1	30.4	9.4	1.5	0.9	0.0
2.5°	98.0	63.8	31.9	9.9	1.6	0.9	0.0
0°	101.0	66.2	33.3	10.4	1.6	0.9	0.0
-2.5°	102.5	67.7	34.6	11.1	1.8	1.0	0.0
-5°	103.6	68.9	35.6	11.7	2.1	1.0	0.0
-7.5°	104.3	69.8	36.5	12.2	2.3	1.1	0.0
-10°	104.6	70.3	37.2	12.7	2.5	1.1	0.0
-12.5°	104.5	70.5	37.6	13.1	2.8	1.2	0.0
-15°	104.1	70.4	37.8	13.4	3.0	1.2	0.0
-17.5°	103.4	70.0	37.8	13.7	3.1	1.2	0.0
-20°	102.2	69.3	37.5	13.8	3.3	1.3	0.0

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**CANDELA DISTRIBUTION (continued):**

	75°	77.5°	80°	82.5°	85°	87.5°	90°
-22.5°	100.5	68.2	37.0	13.8	3.5	1.3	0.0
-25°	98.4	66.6	36.2	13.8	3.6	1.3	0.0
-27.5°	95.9	64.5	35.1	13.6	3.7	1.3	0.0
-30°	93.0	62.2	33.8	13.3	3.8	1.3	0.0
-32.5°	89.7	59.6	32.3	12.9	3.9	1.3	0.0
-35°	86.2	56.7	30.5	12.4	3.9	1.3	0.0
-37.5°	82.3	53.8	28.7	11.8	4.0	1.3	0.0
-40°	78.2	51.2	26.6	11.0	4.0	1.3	0.0
-42.5°	73.8	48.4	25.1	10.3	4.0	1.3	0.0
-45°	69.2	45.4	24.0	9.4	3.9	1.3	0.0
-47.5°	64.2	42.3	22.7	8.5	3.8	1.3	0.0
-50°	60.1	38.9	21.3	8.2	3.7	1.2	0.0
-52.5°	56.0	35.5	19.7	8.1	3.6	1.2	0.0
-55°	51.7	32.8	17.9	7.8	3.5	1.1	0.0
-57.5°	47.2	30.2	15.9	7.5	3.3	1.1	0.0
-60°	42.7	27.2	13.8	7.1	3.2	1.0	0.0
-62.5°	38.6	24.1	12.9	6.6	3.0	0.9	0.0
-65°	34.2	20.7	11.7	6.0	2.8	0.9	0.0
-67.5°	29.5	17.9	10.5	5.4	2.5	0.8	0.0
-70°	24.5	15.7	9.1	4.7	2.3	0.7	0.0
-72.5°	20.8	13.3	7.7	4.1	2.0	0.6	0.0
-75°	17.0	10.8	6.1	3.6	1.8	0.6	0.0
-77.5°	13.0	8.1	5.1	3.0	1.5	0.5	0.0
-80°	8.9	6.2	4.1	2.4	1.2	0.4	0.0
-82.5°	6.5	4.7	3.1	1.8	0.9	0.3	0.0
-85°	4.4	3.1	2.1	1.2	0.6	0.2	0.0
-87.5°	2.2	1.6	1.0	0.6	0.3	0.1	0.0
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0

(END OF REPORT)