

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: P627078 (CONVERTED FROM TYPE C PHOTOMETRY)

Luminaire Tested: GFLD-SA3B-727-U-NR-VSR-XX

Issue Date: 12/7/2022

Test Information

Test Method: LM-79-2019
Report Number: P627078 (CONVERTED FROM TYPE C PHOTOMETRY)
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G2-2210-813-12)
Test Lab: COOPER LIGHTING SOLUTIONS
Issue Date: 5/9/2023
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: MCGRAW-EDISON
Catalog Number: GFLD-SA3B-727-U-NR-VSR-XX
Description: GALLEON FLOOD, THREE LIGHT SQAURE, NARROW SYMMETRICAL ROUND N3 WITH VISOR
Light Source: (48) 2700K CCT, 70 CRI LEDS
Ballast/Driver: -

Summary

Lumens per Lamp: N/A
Luminaire Lumens: 11426.4 lumens
Efficiency: N/A
Efficacy: 121.9 lumens/watt
Luminous Opening: Rectangular (W 1.5' x L: 0.5' x H: 0')

NEMA Type: 3H x 3V
Max Intensity: 115825.1 candela
Max Intensity Angle: 0°H x 0°V

Beam Angle (50%): 13.6°H x 13.6°V
Beam Lumens: 3647.8 lumens
Beam Efficiency: 31.9%

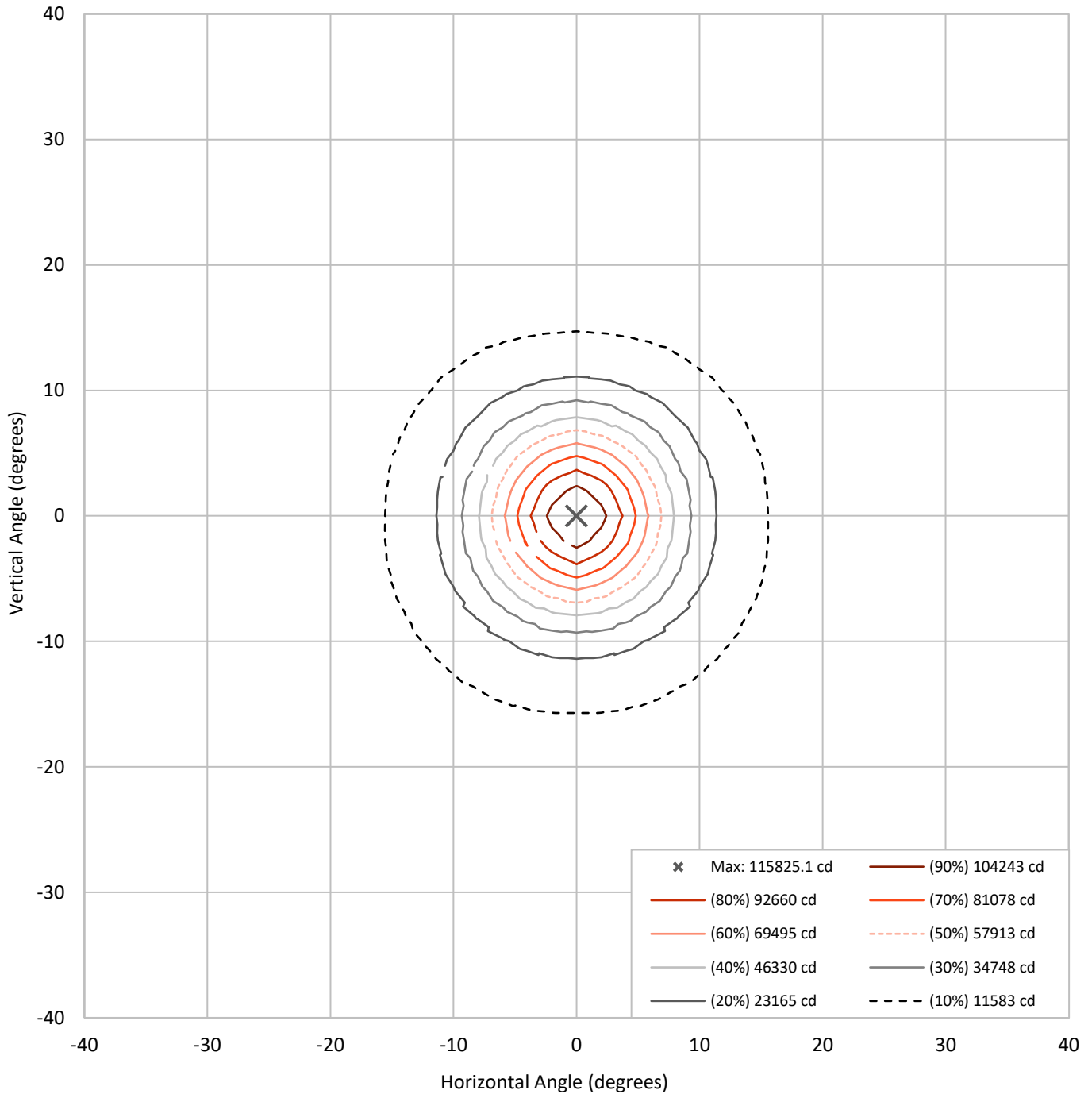
Field Angle (10%): 30.9°H x 30.2°V
Field Lumens: 8124.9 lumens
Field Efficiency: 71.1%

Input Watts (W): 93.7
Input Voltage (V): 120
Input Current (Ain): NR
Voltage Rise (V): NR
Power Factor: NR
Total Harmonic Distortion (THDi): NR
Frequency (hertz): 60
Stabilization Time: NR
Operation Time: NR
Ambient Temperature (°C): NR
Test Distance: 25 FT



REPORT NUMBER: P627078 (CONVERTED FROM TYPE C PHOTOMETRY)
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Iso-Candela Plot





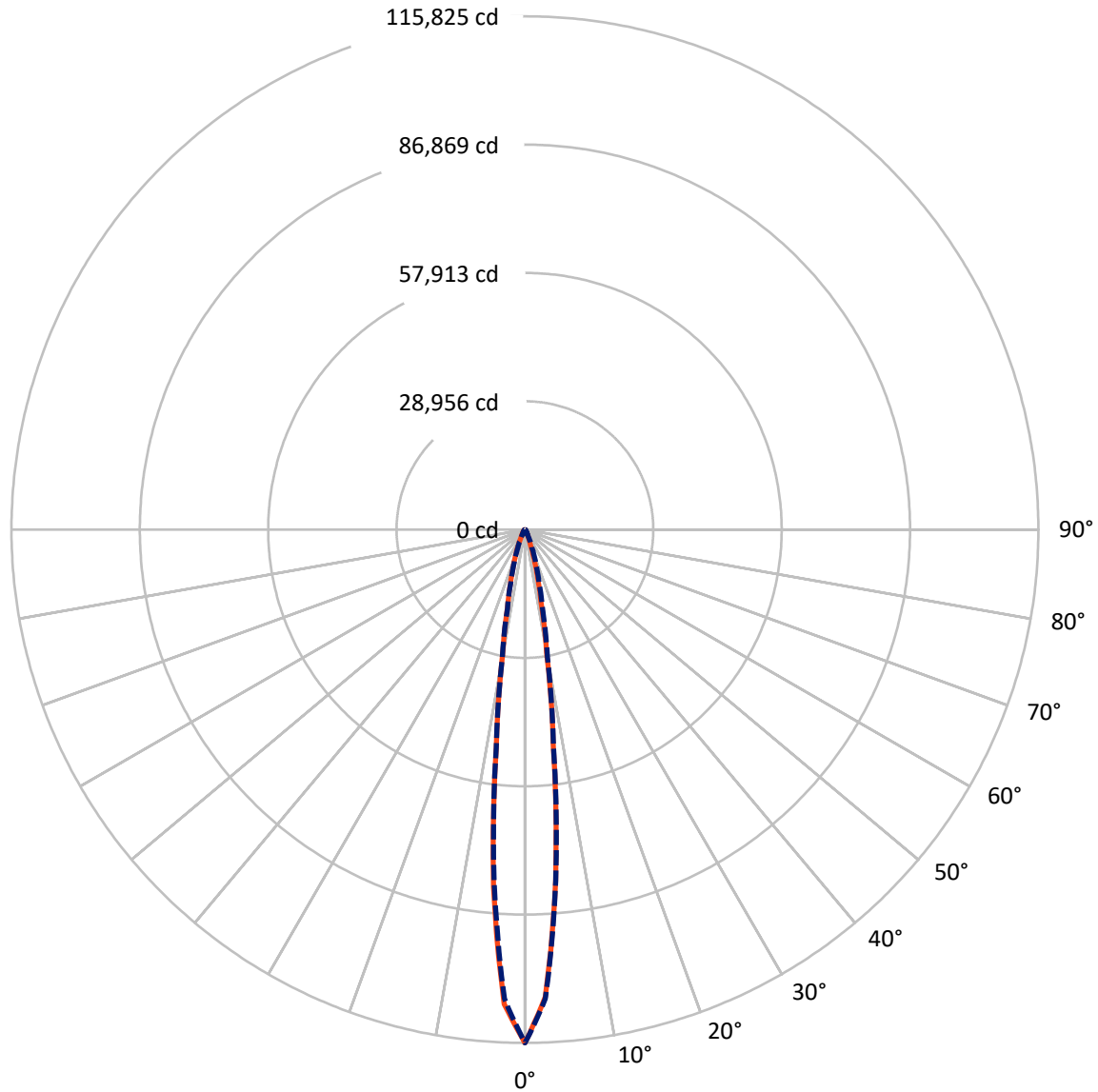
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Lumen Table

90																			
80	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0		
70																			
60	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.0	0.0	0.1	0.0	0.0	0.0	0.0	0.0	0.0			
50		0.0	0.1	0.3	0.6	1.0	1.4	1.6	1.6	1.4	1.0	0.6	0.3	0.1	0.0				
40	0.1	0.1	0.3	1.0	1.9	2.7	3.9	4.5	4.5	3.9	2.7	1.9	1.0	0.3	0.1	0.1			
30		0.2	0.8	1.9	3.5	5.5	9.3	11.8	11.8	9.3	5.5	3.5	1.9	0.8	0.2				
20	0.1	0.3	1.3	2.9	5.4	11.6	31.0	51.4	51.4	31.0	11.6	5.4	2.9	1.3	0.3	0.1			
10		0.5	1.7	4.1	8.8	34.7	146.5	322.0	322.0	146.5	34.7	8.8	4.1	1.7	0.5				
0	0.2	0.6	2.1	4.8	12.0	65.2	351.0	1574.1	1574.1	351.0	65.2	12.0	4.8	2.1	0.6	0.2			
-10		0.7	2.3	5.0	12.9	69.5	363.3	1600.8	1600.8	363.3	69.5	12.9	5.0	2.3	0.7				
-20	0.2	0.7	2.4	4.9	11.3	44.2	176.4	377.2	377.2	176.4	44.2	11.3	4.9	2.4	0.7	0.2			
-30		0.7	2.3	4.5	8.7	20.7	54.3	90.6	90.6	54.3	20.7	8.7	4.5	2.3	0.7				
-40	0.2	0.6	2.0	4.0	6.8	11.3	18.5	23.5	23.5	18.5	11.3	6.8	4.0	2.0	0.6	0.2			
-50		0.5	1.7	3.3	5.5	7.9	10.7	11.9	11.9	10.7	7.9	5.5	3.3	1.7	0.5				
-60	0.1	0.4	1.2	2.6	4.4	6.1	7.7	8.4	8.4	7.7	6.1	4.4	2.6	1.2	0.4	0.1			
-70		0.3	0.8	1.7	2.9	4.2	5.4	5.9	5.9	5.4	4.2	2.9	1.7	0.8	0.3				
-80	0.1	0.7	2.9	6.3	8.0	6.3	2.9	0.7	0.1										
-90																			
	-90	-80	-70	-60	-50	-40	-30	-20	-10	0	10	20	30	40	50	60	70	80	90

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Luminous Intensity Polar Plot

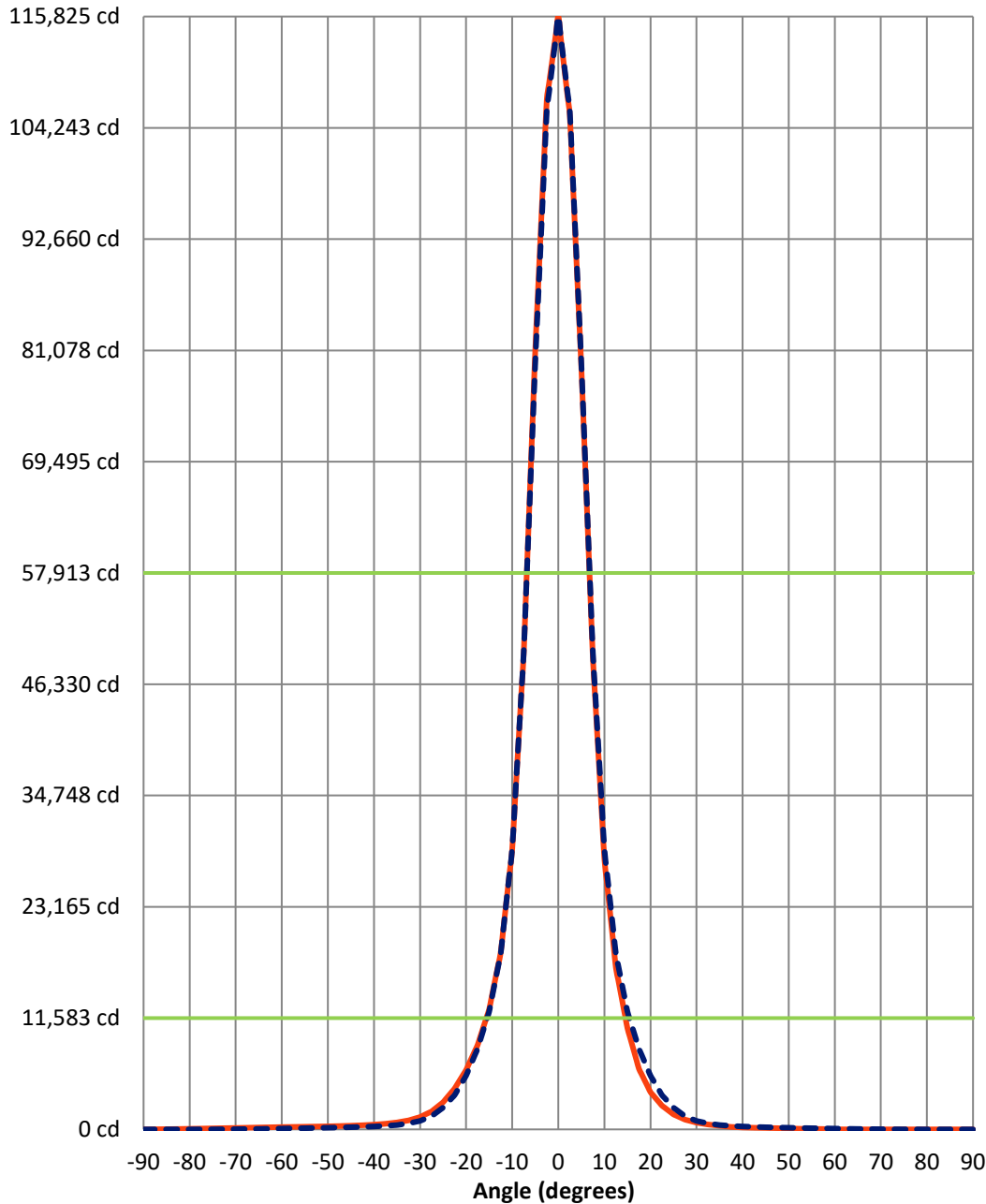


— Vertical Distribution Through 0-Deg - - - Horizontal Distribution Through 0-Deg



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Luminous Intensity Plot



Beam:
 H Angle: 13.6°
 V Angle: 13.6°
 Lumens: 3647.8
 Efficiency: 31.9%

Field:
 H Angle: 30.9°
 V Angle: 30.2°
 Lumens: 8124.9
 Efficiency: 71.1%

Spill:
 Lumens: 3301.5
 Efficiency: 28.9%

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

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FIELD
BEAM

CANDELA DISTRIBUTION:

	-90°	-87.5°	-85°	-82.5°	-80°	-77.5°	-75°	-72.5°	-70°	-67.5°	-65°
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
87.5°	0.0	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
85°	0.0	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
82.5°	0.0	0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
80°	0.0	0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
77.5°	0.0	0.3	0.0	0.0	0.0	0.1	0.0	0.0	0.0	0.0	0.0
75°	0.0	0.3	0.0	0.0	0.0	0.2	0.1	0.0	0.0	0.2	0.1
72.5°	0.0	0.4	0.1	0.0	0.3	0.4	0.1	0.2	0.5	0.6	0.2
70°	0.0	0.5	0.1	0.0	0.5	0.6	0.3	0.8	1.1	0.9	0.3
67.5°	0.0	0.5	0.1	0.3	0.8	0.8	0.9	1.4	1.6	1.0	0.4
65°	0.0	0.6	0.2	0.5	1.0	1.1	1.4	2.1	1.7	1.1	0.8
62.5°	0.0	0.6	0.3	0.8	1.3	1.4	2.0	2.3	1.8	1.3	1.6
60°	0.0	0.7	0.3	1.1	1.6	1.7	2.4	2.4	1.9	1.8	2.3
57.5°	0.0	0.8	0.5	1.3	1.8	2.0	2.5	2.5	2.1	2.2	2.5
55°	0.0	0.8	0.8	1.6	1.9	2.3	2.5	2.5	2.3	2.5	2.5
52.5°	0.0	0.9	0.9	1.9	2.1	2.5	2.5	2.5	2.4	2.5	2.5
50°	0.0	1.0	1.1	2.1	2.2	2.5	2.5	2.5	2.5	2.5	2.9
47.5°	0.0	1.1	1.3	2.4	2.3	2.5	2.5	2.5	2.5	2.5	3.4
45°	0.0	1.1	1.5	2.4	2.4	2.5	2.5	2.5	2.6	3.1	4.0
42.5°	0.0	1.2	1.6	2.5	2.5	2.5	2.5	2.6	2.7	3.7	5.4
40°	0.0	1.3	1.7	2.5	2.5	2.5	2.5	2.8	3.2	4.5	7.0
37.5°	0.0	1.4	1.9	2.5	2.5	2.5	2.5	3.0	4.0	5.7	8.6
35°	0.0	1.5	2.0	2.5	2.5	2.5	2.5	3.3	4.9	7.2	10.6
32.5°	0.0	1.5	2.1	2.5	2.5	2.5	2.6	3.6	5.8	8.7	13.1
30°	0.0	1.6	2.2	2.5	2.5	2.5	2.8	4.1	6.8	10.2	15.9
27.5°	0.0	1.7	2.2	2.5	2.5	2.5	3.1	4.9	7.9	11.5	18.8
25°	0.0	1.8	2.3	2.5	2.5	2.5	3.4	5.7	9.1	13.6	22.0
22.5°	0.0	1.9	2.4	2.5	2.5	2.5	3.7	6.5	10.2	16.1	25.8
20°	0.0	1.9	2.4	2.5	2.5	2.7	4.0	7.2	11.2	18.6	29.2
17.5°	0.0	2.0	2.4	2.5	2.5	2.9	4.4	8.0	12.2	21.1	32.4
15°	0.0	2.1	2.5	2.5	2.5	3.2	4.9	8.8	13.1	23.6	35.2
12.5°	0.0	2.2	2.5	2.5	2.5	3.5	5.4	9.5	14.4	26.0	37.8
10°	0.0	2.2	2.5	2.5	2.5	3.7	5.8	10.2	16.0	28.2	40.1
7.5°	0.0	2.3	2.5	2.5	2.5	4.0	6.3	10.8	17.6	30.2	42.1
5°	0.0	2.4	2.5	2.5	2.5	4.3	6.7	11.4	19.2	31.8	43.8
2.5°	0.0	2.4	2.5	2.5	2.5	4.6	7.1	11.9	20.7	33.2	45.3
0°	0.0	2.5	2.5	2.5	2.5	4.9	7.4	12.3	22.1	34.3	46.6
-2.5°	0.0	2.5	2.5	2.5	2.7	5.2	8.0	13.0	23.3	35.2	48.2
-5°	0.0	2.5	2.5	2.5	2.9	5.4	8.6	13.7	24.4	35.9	49.5
-7.5°	0.0	2.5	2.5	2.5	3.1	5.6	9.2	14.3	25.3	36.5	50.4
-10°	0.0	2.5	2.5	2.5	3.3	5.8	9.7	14.8	25.9	36.9	51.0
-12.5°	0.0	2.4	2.5	2.5	3.4	6.0	10.1	15.3	26.3	37.2	52.0
-15°	0.0	2.4	2.5	2.5	3.6	6.1	10.4	15.7	26.4	38.0	52.9
-17.5°	0.0	2.4	2.5	2.5	3.7	6.2	10.6	16.0	26.2	38.4	53.3
-20°	0.0	2.3	2.5	2.5	3.8	6.3	10.7	16.4	25.9	38.3	53.2

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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	2.3	2.5	2.5	3.8	6.4	10.9	16.6	25.3	37.9	52.6
-25°	0.0	2.3	2.5	2.5	3.8	6.5	10.9	16.6	24.5	37.0	51.4
-27.5°	0.0	2.2	2.5	2.5	3.7	6.7	10.9	16.6	23.5	35.8	50.3
-30°	0.0	2.2	2.5	2.5	3.6	6.8	10.9	16.4	23.0	34.5	48.6
-32.5°	0.0	2.1	2.5	2.5	3.6	6.8	10.7	16.2	22.7	32.9	46.3
-35°	0.0	2.0	2.5	2.5	3.6	6.8	10.7	16.0	22.3	31.2	43.4
-37.5°	0.0	2.0	2.5	2.5	3.5	6.7	10.7	15.7	21.6	29.2	41.7
-40°	0.0	1.9	2.5	2.5	3.4	6.6	10.5	15.3	20.8	28.0	40.2
-42.5°	0.0	1.8	2.5	2.5	3.4	6.4	10.3	14.9	20.2	27.4	38.3
-45°	0.0	1.8	2.5	2.6	3.4	6.2	10.0	14.4	19.6	26.6	36.2
-47.5°	0.0	1.7	2.5	2.6	3.5	5.9	9.6	13.9	18.9	25.4	34.8
-50°	0.0	1.6	2.5	2.7	3.5	5.5	9.1	13.3	18.2	24.5	33.0
-52.5°	0.0	1.5	2.5	2.7	3.5	5.0	8.5	12.6	17.3	23.1	30.8
-55°	0.0	1.4	2.5	2.7	3.5	4.9	7.9	11.8	16.3	21.4	28.6
-57.5°	0.0	1.3	2.5	2.7	3.5	4.8	7.1	10.9	15.1	19.9	25.9
-60°	0.0	1.2	2.5	2.7	3.4	4.6	6.4	9.8	13.8	18.3	23.3
-62.5°	0.0	1.2	2.3	2.7	3.3	4.4	6.1	8.7	12.4	16.5	21.1
-65°	0.0	1.1	2.1	2.6	3.2	4.2	5.7	7.6	10.8	14.6	18.9
-67.5°	0.0	1.0	1.9	2.6	3.0	3.9	5.2	7.0	9.2	12.6	16.5
-70°	0.0	0.9	1.7	2.5	2.9	3.6	4.8	6.3	8.2	10.5	13.9
-72.5°	0.0	0.8	1.5	2.2	2.7	3.3	4.3	5.6	7.2	9.2	11.4
-75°	0.0	0.6	1.3	1.9	2.5	3.0	3.7	4.9	6.1	7.7	9.6
-77.5°	0.0	0.5	1.1	1.6	2.2	2.6	3.2	4.2	5.3	6.4	7.7
-80°	0.0	0.4	0.9	1.3	1.7	2.2	2.6	3.5	4.5	5.5	6.5
-82.5°	0.0	0.3	0.7	1.0	1.3	1.6	1.9	2.8	3.7	4.6	5.5
-85°	0.0	0.2	0.4	0.7	0.9	1.1	1.3	1.9	2.5	3.3	4.1
-87.5°	0.0	0.1	0.2	0.3	0.4	0.5	0.6	0.9	1.3	1.6	2.1
-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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CANDELA DISTRIBUTION (continued):

	-62.5°	-60°	-57.5°	-55°	-52.5°	-50°	-47.5°	-45°	-42.5°	-40°	-37.5°
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
87.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
85°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
82.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
80°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
77.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
75°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
72.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
70°	0.0	0.0	0.2	0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0
67.5°	0.2	0.7	0.8	0.5	0.0	0.0	0.0	0.2	0.0	0.0	0.0
65°	1.2	1.6	1.2	0.7	0.0	0.6	0.8	0.7	0.1	0.0	0.0
62.5°	2.3	2.0	1.4	1.0	1.4	1.9	1.5	0.9	0.2	1.2	1.7
60°	2.5	2.1	1.8	2.0	2.5	2.2	1.6	2.4	3.6	4.5	5.5
57.5°	2.5	2.3	2.3	2.7	2.8	2.8	4.3	5.8	8.2	10.1	11.5
55°	2.6	2.5	2.8	3.3	4.2	5.9	8.0	11.3	14.0	18.0	21.4
52.5°	2.8	2.8	3.8	5.0	7.5	10.2	14.0	18.6	23.8	27.7	31.9
50°	3.2	4.1	5.2	8.4	11.7	16.0	22.2	28.9	33.4	37.8	43.8
47.5°	4.4	5.6	8.6	12.3	17.1	23.8	32.4	37.3	41.6	48.6	56.1
45°	5.9	8.4	12.2	17.2	23.8	33.2	40.0	44.0	51.5	59.6	68.1
42.5°	7.5	11.5	16.7	22.1	32.3	41.3	47.5	53.8	61.4	70.8	80.0
40°	10.2	14.7	21.7	30.1	40.5	49.3	57.0	64.2	71.8	84.1	93.9
37.5°	12.9	19.4	27.3	37.7	48.7	58.3	66.8	76.0	86.7	100.6	109.4
35°	15.6	24.3	34.0	45.1	56.7	67.5	77.9	88.6	102.5	115.6	126.1
32.5°	19.3	29.4	40.3	52.3	64.2	76.5	89.1	101.8	115.5	128.9	142.7
30°	24.0	34.8	46.2	59.1	71.1	85.3	99.9	113.4	127.1	141.3	156.8
27.5°	28.6	39.8	52.2	65.2	77.8	94.0	109.7	123.7	137.9	153.1	170.9
25°	33.0	44.8	57.8	70.6	85.4	102.8	120.0	136.2	148.2	165.5	186.3
22.5°	37.1	49.8	63.7	75.5	92.8	111.7	131.6	149.2	163.3	178.8	202.4
20°	41.3	54.9	69.2	82.5	100.1	120.5	144.2	162.2	179.8	199.8	223.8
17.5°	45.2	59.6	74.7	90.4	109.1	130.1	157.0	175.4	196.4	220.3	250.6
15°	48.9	64.0	80.2	97.8	117.1	139.8	165.7	188.7	213.8	241.4	277.2
12.5°	52.3	68.0	85.6	104.7	124.2	148.1	173.0	197.4	226.3	262.5	307.5
10°	55.5	71.7	90.9	111.0	130.3	155.2	179.5	204.9	235.4	275.0	326.6
7.5°	58.1	75.3	95.8	116.7	135.6	160.9	185.0	211.0	242.9	285.4	339.4
5°	60.4	79.2	100.4	120.3	140.1	165.9	189.7	215.9	248.9	293.6	348.7
2.5°	62.2	82.7	104.5	123.0	143.9	170.5	193.4	221.3	255.1	299.9	357.3
0°	63.7	85.8	107.9	125.0	147.1	174.1	196.1	225.6	259.9	304.0	365.3
-2.5°	66.7	88.4	109.9	127.3	150.5	174.7	197.9	226.2	261.7	307.2	366.8
-5°	69.2	90.4	111.4	129.1	153.0	174.6	198.6	225.6	262.3	309.0	369.5
-7.5°	71.1	92.0	112.4	130.5	154.4	175.4	199.7	227.4	264.3	310.7	372.9
-10°	72.4	93.1	113.2	132.3	154.7	176.2	200.2	227.8	263.9	309.6	371.0
-12.5°	73.0	93.8	113.6	133.2	154.6	176.1	199.6	226.7	261.2	305.7	363.4
-15°	73.2	94.1	113.5	133.3	154.3	175.1	198.1	224.1	256.3	299.2	351.5
-17.5°	73.0	93.9	113.1	132.5	153.7	173.1	195.6	220.7	251.4	291.4	341.9
-20°	72.4	93.4	112.2	130.7	152.9	171.2	193.2	217.4	246.3	282.6	327.7



REPORT NUMBER: P627078 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA3B-727-U-NR-VSR-XX

CANDELA DISTRIBUTION (continued):

	-62.5°	-60°	-57.5°	-55°	-52.5°	-50°	-47.5°	-45°	-42.5°	-40°	-37.5°
-22.5°	71.4	92.6	111.0	129.0	150.2	169.5	190.0	213.1	239.0	271.8	311.8
-25°	70.2	90.8	109.5	127.6	147.1	166.8	186.0	207.9	231.7	263.2	299.3
-27.5°	68.6	88.7	107.3	125.6	143.8	163.3	181.9	202.7	226.3	254.1	286.3
-30°	66.3	85.8	104.4	123.0	140.9	159.2	177.3	197.0	219.2	245.5	275.2
-32.5°	63.5	82.4	100.6	119.1	137.7	155.2	172.1	191.1	212.0	235.0	263.3
-35°	60.6	78.8	96.6	114.2	133.8	150.6	167.0	184.4	203.8	225.2	248.2
-37.5°	57.8	74.9	92.3	108.9	127.5	145.0	161.0	177.5	195.4	215.0	236.0
-40°	54.9	70.8	87.8	104.0	120.2	138.1	154.0	170.0	186.5	206.2	224.9
-42.5°	51.9	67.3	83.0	98.9	114.4	130.4	146.3	161.6	179.1	197.7	216.0
-45°	49.3	63.7	78.2	93.7	109.0	123.4	138.3	152.6	170.4	189.0	206.9
-47.5°	46.4	60.0	74.1	88.0	103.1	117.5	130.9	145.4	160.5	178.0	196.8
-50°	43.3	56.2	69.2	82.4	96.6	111.0	124.6	138.0	152.3	166.7	182.9
-52.5°	40.7	51.9	64.0	76.1	89.6	103.7	117.4	130.8	143.9	157.5	171.3
-55°	37.6	47.9	58.5	69.8	81.7	95.2	108.8	121.9	135.2	147.9	161.5
-57.5°	34.1	43.4	53.1	63.7	74.4	85.6	98.8	111.7	124.3	137.1	151.1
-60°	30.2	38.5	47.3	57.1	67.5	77.7	88.4	100.5	112.6	124.8	137.6
-62.5°	26.2	33.4	41.3	49.8	59.4	69.4	79.2	89.5	100.4	111.0	122.1
-65°	23.5	28.6	35.3	42.8	50.7	59.6	68.9	78.4	88.0	97.0	105.6
-67.5°	20.6	25.2	30.2	35.8	42.9	50.4	57.8	66.3	74.9	83.2	91.2
-70°	17.6	21.7	26.0	30.7	35.8	41.9	48.8	55.6	62.2	69.2	76.6
-72.5°	14.5	18.0	21.8	25.8	30.2	35.0	40.3	46.1	52.0	57.7	63.5
-75°	11.9	14.2	17.3	20.7	24.5	28.3	32.1	36.7	41.7	46.7	51.6
-77.5°	9.8	11.9	14.1	16.2	18.8	22.3	25.7	29.1	32.6	36.4	40.4
-80°	8.0	9.6	11.6	13.5	15.3	17.4	19.8	22.5	24.9	27.4	30.2
-82.5°	6.6	7.9	9.3	10.8	11.9	13.0	14.2	15.8	17.4	19.1	20.9
-85°	5.1	6.1	7.1	8.1	8.6	9.1	9.7	10.4	11.4	12.5	13.5
-87.5°	2.5	3.1	3.6	4.2	4.5	4.8	5.0	5.2	5.9	6.6	7.3
-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: P627078 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA3B-727-U-NR-VSR-XX

CANDELA DISTRIBUTION (continued):

	-35°	-32.5°	-30°	-27.5°	-25°	-22.5°	-20°	-17.5°	-15°	-12.5°	-10°
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
87.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
85°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
82.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
80°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
77.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
75°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
72.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
70°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
67.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
65°	0.1	0.0	0.0	0.0	0.0	0.5	0.6	0.5	0.2	0.0	0.0
62.5°	1.4	1.2	1.9	2.5	2.8	2.8	2.5	2.2	1.9	1.8	2.0
60°	5.9	5.8	8.0	9.1	8.3	5.9	9.2	10.9	10.5	9.0	9.0
57.5°	14.4	17.5	19.7	20.7	24.0	29.2	30.2	28.5	27.9	28.4	32.9
55°	24.9	27.4	28.7	33.2	37.1	40.0	41.7	43.4	45.9	49.0	52.1
52.5°	35.2	38.7	41.3	45.3	50.0	51.7	51.2	57.3	62.0	65.1	66.3
50°	48.4	52.7	58.8	65.0	67.7	70.4	73.2	78.2	85.4	94.4	99.6
47.5°	62.6	69.3	75.7	82.9	86.5	89.3	93.5	102.2	112.5	122.2	127.2
45°	75.3	81.4	88.7	94.9	99.3	104.7	110.8	118.6	130.2	140.3	147.4
42.5°	85.6	92.4	100.0	107.4	111.9	119.2	128.4	139.0	151.2	161.8	169.6
40°	100.1	105.8	117.8	124.8	126.6	133.4	151.8	166.4	180.1	193.1	199.5
37.5°	117.4	128.6	141.0	147.5	153.8	165.8	190.4	213.9	231.4	249.0	258.6
35°	137.2	151.8	168.8	176.4	190.0	216.2	245.0	277.8	318.6	335.6	351.2
32.5°	156.3	172.8	188.4	205.5	229.2	260.5	293.0	346.1	395.7	434.1	462.1
30°	173.4	190.8	210.2	232.1	265.5	308.7	363.0	431.7	501.6	562.6	614.2
27.5°	190.2	210.0	233.1	265.8	312.8	371.5	458.1	556.1	672.8	758.8	861.4
25°	208.6	231.3	261.0	308.3	371.7	459.5	597.9	757.1	948.4	1103.5	1265.9
22.5°	230.5	263.9	301.5	354.3	465.0	609.7	798.9	1070.9	1365.1	1637.3	1899.3
20°	256.8	302.6	362.9	460.2	602.3	816.2	1144.8	1578.9	2011.7	2472.7	2916.4
17.5°	294.4	360.4	454.1	592.6	779.9	1202.9	1736.1	2407.6	3270.3	4052.1	4734.7
15°	329.7	408.5	556.6	763.5	1090.2	1650.8	2460.8	3569.1	4913.5	6138.9	7433.0
12.5°	366.7	459.8	629.8	893.3	1347.3	2077.2	3215.4	4734.0	6417.5	8264.1	10367.6
10°	396.1	509.1	712.7	1046.7	1606.3	2515.2	3871.0	5712.8	7949.9	10682.8	14045.4
7.5°	415.9	548.6	781.0	1159.0	1844.8	2963.2	4595.3	6809.0	9605.9	13226.5	17931.5
5°	431.4	578.7	832.5	1261.4	2046.5	3305.2	5132.0	7769.0	11077.5	15928.5	23902.2
2.5°	443.8	601.8	864.3	1331.9	2173.2	3543.4	5492.1	8312.2	11953.6	17926.2	28271.0
0°	453.6	622.7	885.0	1375.4	2270.2	3567.1	5604.4	8411.6	12268.0	18286.8	29211.2
-2.5°	457.7	633.9	892.2	1384.9	2260.5	3608.0	5638.7	8491.0	12256.2	18089.2	28161.2
-5°	464.6	633.7	886.8	1375.2	2209.9	3502.3	5414.8	8046.7	11516.7	16533.4	24785.2
-7.5°	469.5	623.6	861.1	1312.9	2077.2	3273.8	5021.3	7310.6	10171.0	13980.0	19090.7
-10°	465.0	604.2	818.3	1208.3	1870.9	2907.3	4423.0	6338.9	8716.1	11538.9	15011.2
-12.5°	447.5	568.4	748.5	1061.9	1603.8	2496.6	3821.0	5452.2	7211.8	9194.3	11593.6
-15°	425.4	529.8	685.5	961.5	1405.7	2089.7	3056.5	4379.9	5791.4	7296.5	8901.6
-17.5°	408.1	495.9	624.9	824.6	1151.4	1695.2	2455.0	3395.1	4432.4	5578.3	6529.5
-20°	384.8	454.1	562.4	725.6	974.9	1335.2	1888.5	2571.5	3256.0	4061.7	4718.7

Classified

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

Scaled Data Report



REPORT NUMBER: P627078 (CONVERTED FROM TYPE C PHOTOMETRY)
CATALOG NUMBER: GFLD-SA3B-727-U-NR-VSR-XX

CANDELA DISTRIBUTION (continued):

	-35°	-32.5°	-30°	-27.5°	-25°	-22.5°	-20°	-17.5°	-15°	-12.5°	-10°
-22.5°	361.5	421.9	504.3	623.6	809.1	1081.3	1423.2	1879.2	2379.8	2842.3	3297.5
-25°	339.8	386.3	453.0	550.9	676.7	862.5	1105.8	1367.4	1697.4	1978.9	2291.3
-27.5°	322.3	362.2	411.4	483.2	580.8	700.3	874.5	1049.8	1223.3	1365.4	1580.5
-30°	305.3	337.5	378.6	429.8	503.0	595.0	708.2	821.9	922.0	1013.4	1125.3
-32.5°	288.7	314.9	346.4	388.9	441.4	510.6	580.1	661.6	731.2	795.4	854.9
-35°	272.0	295.3	319.3	355.1	397.0	446.2	496.7	551.9	600.1	643.4	681.7
-37.5°	256.9	277.4	300.0	326.6	360.4	397.4	438.7	478.8	510.6	538.7	561.9
-40°	244.2	262.8	282.2	303.5	329.2	358.4	393.4	426.8	449.1	466.3	480.4
-42.5°	232.8	249.2	265.7	283.8	303.6	328.8	356.5	384.1	399.2	412.5	422.7
-45°	223.7	236.3	250.2	265.7	283.1	304.3	326.1	345.1	358.6	370.0	378.5
-47.5°	211.6	223.8	235.8	248.6	264.9	282.5	300.5	315.2	326.9	336.8	343.3
-50°	198.4	211.1	222.1	233.4	248.4	263.3	277.8	289.9	301.1	310.9	316.0
-52.5°	184.7	198.3	209.9	220.8	233.4	246.5	259.6	269.9	279.7	288.9	292.8
-55°	174.8	187.4	199.3	209.6	220.0	230.4	241.1	251.9	261.6	270.3	272.8
-57.5°	164.1	176.9	188.7	198.0	207.3	216.7	226.5	236.2	245.6	254.0	256.1
-60°	151.1	165.0	175.5	184.2	193.3	202.6	211.1	219.7	228.4	235.7	238.1
-62.5°	134.5	147.2	157.5	166.7	175.5	183.6	191.9	199.9	207.8	213.5	215.4
-65°	114.6	125.4	136.1	145.7	154.4	162.2	169.8	177.2	184.3	189.4	191.9
-67.5°	99.0	106.7	115.3	123.6	132.3	140.3	147.2	153.7	159.8	164.1	166.8
-70°	83.9	91.3	99.3	107.2	114.8	121.3	126.8	132.1	137.3	141.1	144.0
-72.5°	69.4	75.7	82.4	89.4	96.3	102.2	107.2	112.0	116.5	119.8	122.4
-75°	56.4	61.5	67.2	72.8	78.4	83.1	87.3	91.5	95.4	98.3	100.7
-77.5°	44.7	49.1	53.5	57.9	62.3	65.8	68.9	71.9	74.9	77.1	79.2
-80°	33.1	36.6	40.1	43.6	47.1	49.7	52.0	54.3	56.3	57.7	58.9
-82.5°	22.7	25.1	27.5	30.0	32.5	34.4	36.3	38.1	39.9	40.5	41.0
-85°	14.5	15.7	17.0	18.3	19.8	20.8	21.8	22.8	23.7	24.5	25.3
-87.5°	8.0	8.3	8.5	8.7	8.9	9.6	10.4	11.1	11.9	12.0	12.1
-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: P627078 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA3B-727-U-NR-VSR-XX

CANDELA DISTRIBUTION (continued):

	-7.5°	-5°	-2.5°	0°	2.5°	5°	7.5°	10°	12.5°	15°	17.5°
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
87.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
85°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
82.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
80°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
77.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
75°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
72.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
70°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
67.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
65°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.2	0.5
62.5°	2.2	2.4	2.5	2.5	2.5	2.4	2.2	2.0	1.8	1.9	2.2
60°	8.4	7.5	7.3	7.4	7.3	7.5	8.4	9.0	9.0	10.5	10.9
57.5°	37.3	41.5	42.6	41.7	42.6	41.5	37.3	32.9	28.4	27.9	28.5
55°	54.3	55.6	56.2	56.4	56.2	55.6	54.3	52.1	49.0	45.9	43.4
52.5°	66.6	66.1	66.0	66.2	66.0	66.1	66.6	66.3	65.1	62.0	57.3
50°	100.0	98.2	97.5	98.1	97.5	98.2	100.0	99.6	94.4	85.4	78.2
47.5°	127.8	128.4	129.3	129.9	129.3	128.4	127.8	127.2	122.2	112.5	102.2
45°	149.3	150.6	151.5	152.0	151.5	150.6	149.3	147.4	140.3	130.2	118.6
42.5°	171.3	171.4	171.1	171.6	171.1	171.4	171.3	169.6	161.8	151.2	139.0
40°	202.2	202.8	202.1	201.0	202.1	202.8	202.2	199.5	193.1	180.1	166.4
37.5°	264.2	265.1	262.2	259.9	262.2	265.1	264.2	258.6	249.0	231.4	213.9
35°	365.4	375.8	380.8	382.5	380.8	375.8	365.4	351.2	335.6	318.6	277.8
32.5°	481.5	496.1	503.5	509.9	503.5	496.1	481.5	462.1	434.1	395.7	346.1
30°	648.0	674.9	686.8	703.6	686.8	674.9	648.0	614.2	562.6	501.6	431.7
27.5°	919.7	967.0	993.1	1017.4	993.1	967.0	919.7	861.4	758.8	672.8	556.1
25°	1383.9	1475.0	1533.9	1561.7	1533.9	1475.0	1383.9	1265.9	1103.5	948.4	757.1
22.5°	2152.9	2320.8	2450.2	2476.2	2450.2	2320.8	2152.9	1899.3	1637.3	1365.1	1070.9
20°	3346.9	3587.1	3782.5	3880.9	3782.5	3587.1	3346.9	2916.4	2472.7	2011.7	1578.9
17.5°	5547.6	6047.3	6275.5	6313.0	6275.5	6047.3	5547.6	4734.7	4052.1	3270.3	2407.6
15°	8821.6	9667.1	10203.8	10549.4	10203.8	9667.1	8821.6	7433.0	6138.9	4913.5	3569.1
12.5°	12557.2	14959.6	16326.5	16847.6	16326.5	14959.6	12557.2	10367.6	8264.1	6417.5	4734.0
10°	17627.2	23282.6	26544.9	28186.5	26544.9	23282.6	17627.2	14045.4	10682.8	7949.9	5712.8
7.5°	26232.2	34967.0	44644.8	49122.3	44644.8	34967.0	26232.2	17931.5	13226.5	9605.9	6809.0
5°	35278.1	54456.2	71289.0	79349.7	71289.0	54456.2	35278.1	23902.2	15928.5	11077.5	7769.0
2.5°	45674.9	71538.4	95451.3	105506.2	95451.3	71538.4	45674.9	28271.0	17926.2	11953.6	8312.2
0°	49676.3	79803.2	105956.0	115825.1	105956.0	79803.2	49676.3	29211.2	18286.8	12268.0	8411.6
-2.5°	46293.5	72791.4	95862.2	107138.9	95862.2	72791.4	46293.5	28161.2	18089.2	12256.2	8491.0
-5°	36782.6	54756.4	71842.5	81031.5	71842.5	54756.4	36782.6	24785.2	16533.4	11516.7	8046.7
-7.5°	26996.2	36780.9	46269.8	49588.1	46269.8	36780.9	26996.2	19090.7	13980.0	10171.0	7310.6
-10°	18795.3	24398.3	28096.9	29152.4	28096.9	24398.3	18795.3	15011.2	11538.9	8716.1	6338.9
-12.5°	13934.8	16385.6	18090.7	18387.3	18090.7	16385.6	13934.8	11593.6	9194.3	7211.8	5452.2
-15°	10318.4	11564.7	12444.1	12503.3	12444.1	11564.7	10318.4	8901.6	7296.5	5791.4	4379.9
-17.5°	7542.8	8379.4	8823.2	8791.6	8823.2	8379.4	7542.8	6529.5	5578.3	4432.4	3395.1
-20°	5393.5	5897.8	6255.4	6185.5	6255.4	5897.8	5393.5	4718.7	4061.7	3256.0	2571.5

Classified

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Scaled Data Report



REPORT NUMBER: P627078 (CONVERTED FROM TYPE C PHOTOMETRY)
CATALOG NUMBER: GFLD-SA3B-727-U-NR-VSR-XX

CANDELA DISTRIBUTION (continued):

	-7.5°	-5°	-2.5°	0°	2.5°	5°	7.5°	10°	12.5°	15°	17.5°
-22.5°	3760.7	4095.5	4305.0	4251.1	4305.0	4095.5	3760.7	3297.5	2842.3	2379.8	1879.2
-25°	2555.4	2737.7	2841.5	2824.3	2841.5	2737.7	2555.4	2291.3	1978.9	1697.4	1367.4
-27.5°	1741.3	1837.7	1869.8	1868.1	1869.8	1837.7	1741.3	1580.5	1365.4	1223.3	1049.8
-30°	1208.6	1273.4	1310.4	1287.1	1310.4	1273.4	1208.6	1125.3	1013.4	922.0	821.9
-32.5°	900.8	937.3	958.5	936.5	958.5	937.3	900.8	854.9	795.4	731.2	661.6
-35°	710.0	728.4	735.8	723.2	735.8	728.4	710.0	681.7	643.4	600.1	551.9
-37.5°	578.8	589.6	593.3	585.9	593.3	589.6	578.8	561.9	538.7	510.6	478.8
-40°	490.4	497.1	498.7	492.8	498.7	497.1	490.4	480.4	466.3	449.1	426.8
-42.5°	429.1	433.1	434.0	431.5	434.0	433.1	429.1	422.7	412.5	399.2	384.1
-45°	383.5	386.9	387.5	384.9	387.5	386.9	383.5	378.5	370.0	358.6	345.1
-47.5°	346.6	348.7	349.2	348.1	349.2	348.7	346.6	343.3	336.8	326.9	315.2
-50°	318.3	319.8	319.9	318.7	319.9	319.8	318.3	316.0	310.9	301.1	289.9
-52.5°	294.6	295.6	296.3	296.6	296.3	295.6	294.6	292.8	288.9	279.7	269.9
-55°	274.7	276.0	276.7	277.0	276.7	276.0	274.7	272.8	270.3	261.6	251.9
-57.5°	257.8	258.9	259.7	259.9	259.7	258.9	257.8	256.1	254.0	245.6	236.2
-60°	240.0	241.5	242.4	242.7	242.4	241.5	240.0	238.1	235.7	228.4	219.7
-62.5°	216.7	217.3	217.9	218.2	217.9	217.3	216.7	215.4	213.5	207.8	199.9
-65°	193.8	195.1	195.9	196.1	195.9	195.1	193.8	191.9	189.4	184.3	177.2
-67.5°	169.0	170.7	172.5	174.1	172.5	170.7	169.0	166.8	164.1	159.8	153.7
-70°	146.5	148.6	149.3	149.5	149.3	148.6	146.5	144.0	141.1	137.3	132.1
-72.5°	124.7	126.8	128.5	129.9	128.5	126.8	124.7	122.4	119.8	116.5	112.0
-75°	102.9	104.8	105.3	105.4	105.3	104.8	102.9	100.7	98.3	95.4	91.5
-77.5°	81.2	82.9	83.3	83.4	83.3	82.9	81.2	79.2	77.1	74.9	71.9
-80°	60.0	61.0	62.4	63.7	62.4	61.0	60.0	58.9	57.7	56.3	54.3
-82.5°	41.3	41.5	41.7	41.7	41.7	41.5	41.3	41.0	40.5	39.9	38.1
-85°	26.1	26.9	27.0	27.0	27.0	26.9	26.1	25.3	24.5	23.7	22.8
-87.5°	12.2	12.3	12.3	12.3	12.3	12.3	12.2	12.1	12.0	11.9	11.1
-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: P627078 (CONVERTED FROM TYPE C PHOTOMETRY)
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CANDELA DISTRIBUTION (continued):

	20°	22.5°	25°	27.5°	30°	32.5°	35°	37.5°	40°	42.5°	45°
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
87.5°	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	0.2
65°	0.6	0.5	0.0	0.0	0.0	0.0	0.1	0.0	0.0	0.1	0.7
62.5°	2.5	2.8	2.8	2.5	1.9	1.2	1.4	1.7	1.2	0.2	0.9
60°	9.2	5.9	8.3	9.1	8.0	5.8	5.9	5.5	4.5	3.6	2.4
57.5°	30.2	29.2	24.0	20.7	19.7	17.5	14.4	11.5	10.1	8.2	5.8
55°	41.7	40.0	37.1	33.2	28.7	27.4	24.9	21.4	18.0	14.0	11.3
52.5°	51.2	51.7	50.0	45.3	41.3	38.7	35.2	31.9	27.7	23.8	18.6
50°	73.2	70.4	67.7	65.0	58.8	52.7	48.4	43.8	37.8	33.4	28.9
47.5°	93.5	89.3	86.5	82.9	75.7	69.3	62.6	56.1	48.6	41.6	37.3
45°	110.8	104.7	99.3	94.9	88.7	81.4	75.3	68.1	59.6	51.5	44.0
42.5°	128.4	119.2	111.9	107.4	100.0	92.4	85.6	80.0	70.8	61.4	53.8
40°	151.8	133.4	126.6	124.8	117.8	105.8	100.1	93.9	84.1	71.8	64.2
37.5°	190.4	165.8	153.8	147.5	141.0	128.6	117.4	109.4	100.6	86.7	76.0
35°	245.0	216.2	190.0	176.4	168.8	151.8	137.2	126.1	115.6	102.5	88.6
32.5°	293.0	260.5	229.2	205.5	188.4	172.8	156.3	142.7	128.9	115.5	101.8
30°	363.0	308.7	265.5	232.1	210.2	190.8	173.4	156.8	141.3	127.1	113.4
27.5°	458.1	371.5	312.8	265.8	233.1	210.0	190.2	170.9	153.1	137.9	123.7
25°	597.9	459.5	371.7	308.3	261.0	231.3	208.6	186.3	165.5	148.2	136.2
22.5°	798.9	609.7	465.0	354.3	301.5	263.9	230.5	202.4	178.8	163.3	149.2
20°	1144.8	816.2	602.3	460.2	362.9	302.6	256.8	223.8	199.8	179.8	162.2
17.5°	1736.1	1202.9	779.9	592.6	454.1	360.4	294.4	250.6	220.3	196.4	175.4
15°	2460.8	1650.8	1090.2	763.5	556.6	408.5	329.7	277.2	241.4	213.8	188.7
12.5°	3215.4	2077.2	1347.3	893.3	629.8	459.8	366.7	307.5	262.5	226.3	197.4
10°	3871.0	2515.2	1606.3	1046.7	712.7	509.1	396.1	326.6	275.0	235.4	204.9
7.5°	4595.3	2963.2	1844.8	1159.0	781.0	548.6	415.9	339.4	285.4	242.9	211.0
5°	5132.0	3305.2	2046.5	1261.4	832.5	578.7	431.4	348.7	293.6	248.9	215.9
2.5°	5492.1	3543.4	2173.2	1331.9	864.3	601.8	443.8	357.3	299.9	255.1	221.3
0°	5604.4	3567.1	2270.2	1375.4	885.0	622.7	453.6	365.3	304.0	259.9	225.6
-2.5°	5638.7	3608.0	2260.5	1384.9	892.2	633.9	457.7	366.8	307.2	261.7	226.2
-5°	5414.8	3502.3	2209.9	1375.2	886.8	633.7	464.6	369.5	309.0	262.3	225.6
-7.5°	5021.3	3273.8	2077.2	1312.9	861.1	623.6	469.5	372.9	310.7	264.3	227.4
-10°	4423.0	2907.3	1870.9	1208.3	818.3	604.2	465.0	371.0	309.6	263.9	227.8
-12.5°	3821.0	2496.6	1603.8	1061.9	748.5	568.4	447.5	363.4	305.7	261.2	226.7
-15°	3056.5	2089.7	1405.7	961.5	685.5	529.8	425.4	351.5	299.2	256.3	224.1
-17.5°	2455.0	1695.2	1151.4	824.6	624.9	495.9	408.1	341.9	291.4	251.4	220.7
-20°	1888.5	1335.2	974.9	725.6	562.4	454.1	384.8	327.7	282.6	246.3	217.4

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REPORT NUMBER: P627078 (CONVERTED FROM TYPE C PHOTOMETRY)
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CANDELA DISTRIBUTION (continued):

	20°	22.5°	25°	27.5°	30°	32.5°	35°	37.5°	40°	42.5°	45°
-22.5°	1423.2	1081.3	809.1	623.6	504.3	421.9	361.5	311.8	271.8	239.0	213.1
-25°	1105.8	862.5	676.7	550.9	453.0	386.3	339.8	299.3	263.2	231.7	207.9
-27.5°	874.5	700.3	580.8	483.2	411.4	362.2	322.3	286.3	254.1	226.3	202.7
-30°	708.2	595.0	503.0	429.8	378.6	337.5	305.3	275.2	245.5	219.2	197.0
-32.5°	580.1	510.6	441.4	388.9	346.4	314.9	288.7	263.3	235.0	212.0	191.1
-35°	496.7	446.2	397.0	355.1	319.3	295.3	272.0	248.2	225.2	203.8	184.4
-37.5°	438.7	397.4	360.4	326.6	300.0	277.4	256.9	236.0	215.0	195.4	177.5
-40°	393.4	358.4	329.2	303.5	282.2	262.8	244.2	224.9	206.2	186.5	170.0
-42.5°	356.5	328.8	303.6	283.8	265.7	249.2	232.8	216.0	197.7	179.1	161.6
-45°	326.1	304.3	283.1	265.7	250.2	236.3	223.7	206.9	189.0	170.4	152.6
-47.5°	300.5	282.5	264.9	248.6	235.8	223.8	211.6	196.8	178.0	160.5	145.4
-50°	277.8	263.3	248.4	233.4	222.1	211.1	198.4	182.9	166.7	152.3	138.0
-52.5°	259.6	246.5	233.4	220.8	209.9	198.3	184.7	171.3	157.5	143.9	130.8
-55°	241.1	230.4	220.0	209.6	199.3	187.4	174.8	161.5	147.9	135.2	121.9
-57.5°	226.5	216.7	207.3	198.0	188.7	176.9	164.1	151.1	137.1	124.3	111.7
-60°	211.1	202.6	193.3	184.2	175.5	165.0	151.1	137.6	124.8	112.6	100.5
-62.5°	191.9	183.6	175.5	166.7	157.5	147.2	134.5	122.1	111.0	100.4	89.5
-65°	169.8	162.2	154.4	145.7	136.1	125.4	114.6	105.6	97.0	88.0	78.4
-67.5°	147.2	140.3	132.3	123.6	115.3	106.7	99.0	91.2	83.2	74.9	66.3
-70°	126.8	121.3	114.8	107.2	99.3	91.3	83.9	76.6	69.2	62.2	55.6
-72.5°	107.2	102.2	96.3	89.4	82.4	75.7	69.4	63.5	57.7	52.0	46.1
-75°	87.3	83.1	78.4	72.8	67.2	61.5	56.4	51.6	46.7	41.7	36.7
-77.5°	68.9	65.8	62.3	57.9	53.5	49.1	44.7	40.4	36.4	32.6	29.1
-80°	52.0	49.7	47.1	43.6	40.1	36.6	33.1	30.2	27.4	24.9	22.5
-82.5°	36.3	34.4	32.5	30.0	27.5	25.1	22.7	20.9	19.1	17.4	15.8
-85°	21.8	20.8	19.8	18.3	17.0	15.7	14.5	13.5	12.5	11.4	10.4
-87.5°	10.4	9.6	8.9	8.7	8.5	8.3	8.0	7.3	6.6	5.9	5.2
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



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CANDELA DISTRIBUTION (continued):

	47.5°	50°	52.5°	55°	57.5°	60°	62.5°	65°	67.5°	70°	72.5°
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
87.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
85°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
82.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
80°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
77.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
75°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.2	0.0	0.0
72.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.2	0.6	0.5	0.2
70°	0.0	0.0	0.0	0.2	0.2	0.0	0.0	0.3	0.9	1.1	0.8
67.5°	0.0	0.0	0.0	0.5	0.8	0.7	0.2	0.4	1.0	1.6	1.4
65°	0.8	0.6	0.0	0.7	1.2	1.6	1.2	0.8	1.1	1.7	2.1
62.5°	1.5	1.9	1.4	1.0	1.4	2.0	2.3	1.6	1.3	1.8	2.3
60°	1.6	2.2	2.5	2.0	1.8	2.1	2.5	2.3	1.8	1.9	2.4
57.5°	4.3	2.8	2.8	2.7	2.3	2.3	2.5	2.5	2.2	2.1	2.5
55°	8.0	5.9	4.2	3.3	2.8	2.5	2.6	2.5	2.5	2.3	2.5
52.5°	14.0	10.2	7.5	5.0	3.8	2.8	2.8	2.5	2.5	2.4	2.5
50°	22.2	16.0	11.7	8.4	5.2	4.1	3.2	2.9	2.5	2.5	2.5
47.5°	32.4	23.8	17.1	12.3	8.6	5.6	4.4	3.4	2.5	2.5	2.5
45°	40.0	33.2	23.8	17.2	12.2	8.4	5.9	4.0	3.1	2.6	2.5
42.5°	47.5	41.3	32.3	22.1	16.7	11.5	7.5	5.4	3.7	2.7	2.6
40°	57.0	49.3	40.5	30.1	21.7	14.7	10.2	7.0	4.5	3.2	2.8
37.5°	66.8	58.3	48.7	37.7	27.3	19.4	12.9	8.6	5.7	4.0	3.0
35°	77.9	67.5	56.7	45.1	34.0	24.3	15.6	10.6	7.2	4.9	3.3
32.5°	89.1	76.5	64.2	52.3	40.3	29.4	19.3	13.1	8.7	5.8	3.6
30°	99.9	85.3	71.1	59.1	46.2	34.8	24.0	15.9	10.2	6.8	4.1
27.5°	109.7	94.0	77.8	65.2	52.2	39.8	28.6	18.8	11.5	7.9	4.9
25°	120.0	102.8	85.4	70.6	57.8	44.8	33.0	22.0	13.6	9.1	5.7
22.5°	131.6	111.7	92.8	75.5	63.7	49.8	37.1	25.8	16.1	10.2	6.5
20°	144.2	120.5	100.1	82.5	69.2	54.9	41.3	29.2	18.6	11.2	7.2
17.5°	157.0	130.1	109.1	90.4	74.7	59.6	45.2	32.4	21.1	12.2	8.0
15°	165.7	139.8	117.1	97.8	80.2	64.0	48.9	35.2	23.6	13.1	8.8
12.5°	173.0	148.1	124.2	104.7	85.6	68.0	52.3	37.8	26.0	14.4	9.5
10°	179.5	155.2	130.3	111.0	90.9	71.7	55.5	40.1	28.2	16.0	10.2
7.5°	185.0	160.9	135.6	116.7	95.8	75.3	58.1	42.1	30.2	17.6	10.8
5°	189.7	165.9	140.1	120.3	100.4	79.2	60.4	43.8	31.8	19.2	11.4
2.5°	193.4	170.5	143.9	123.0	104.5	82.7	62.2	45.3	33.2	20.7	11.9
0°	196.1	174.1	147.1	125.0	107.9	85.8	63.7	46.6	34.3	22.1	12.3
-2.5°	197.9	174.7	150.5	127.3	109.9	88.4	66.7	48.2	35.2	23.3	13.0
-5°	198.6	174.6	153.0	129.1	111.4	90.4	69.2	49.5	35.9	24.4	13.7
-7.5°	199.7	175.4	154.4	130.5	112.4	92.0	71.1	50.4	36.5	25.3	14.3
-10°	200.2	176.2	154.7	132.3	113.2	93.1	72.4	51.0	36.9	25.9	14.8
-12.5°	199.6	176.1	154.6	133.2	113.6	93.8	73.0	52.0	37.2	26.3	15.3
-15°	198.1	175.1	154.3	133.3	113.5	94.1	73.2	52.9	38.0	26.4	15.7
-17.5°	195.6	173.1	153.7	132.5	113.1	93.9	73.0	53.3	38.4	26.2	16.0
-20°	193.2	171.2	152.9	130.7	112.2	93.4	72.4	53.2	38.3	25.9	16.4

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Scaled Data Report



REPORT NUMBER: P627078 (CONVERTED FROM TYPE C PHOTOMETRY)
CATALOG NUMBER: GFLD-SA3B-727-U-NR-VSR-XX

CANDELA DISTRIBUTION (continued):

	47.5°	50°	52.5°	55°	57.5°	60°	62.5°	65°	67.5°	70°	72.5°
-22.5°	190.0	169.5	150.2	129.0	111.0	92.6	71.4	52.6	37.9	25.3	16.6
-25°	186.0	166.8	147.1	127.6	109.5	90.8	70.2	51.4	37.0	24.5	16.6
-27.5°	181.9	163.3	143.8	125.6	107.3	88.7	68.6	50.3	35.8	23.5	16.6
-30°	177.3	159.2	140.9	123.0	104.4	85.8	66.3	48.6	34.5	23.0	16.4
-32.5°	172.1	155.2	137.7	119.1	100.6	82.4	63.5	46.3	32.9	22.7	16.2
-35°	167.0	150.6	133.8	114.2	96.6	78.8	60.6	43.4	31.2	22.3	16.0
-37.5°	161.0	145.0	127.5	108.9	92.3	74.9	57.8	41.7	29.2	21.6	15.7
-40°	154.0	138.1	120.2	104.0	87.8	70.8	54.9	40.2	28.0	20.8	15.3
-42.5°	146.3	130.4	114.4	98.9	83.0	67.3	51.9	38.3	27.4	20.2	14.9
-45°	138.3	123.4	109.0	93.7	78.2	63.7	49.3	36.2	26.6	19.6	14.4
-47.5°	130.9	117.5	103.1	88.0	74.1	60.0	46.4	34.8	25.4	18.9	13.9
-50°	124.6	111.0	96.6	82.4	69.2	56.2	43.3	33.0	24.5	18.2	13.3
-52.5°	117.4	103.7	89.6	76.1	64.0	51.9	40.7	30.8	23.1	17.3	12.6
-55°	108.8	95.2	81.7	69.8	58.5	47.9	37.6	28.6	21.4	16.3	11.8
-57.5°	98.8	85.6	74.4	63.7	53.1	43.4	34.1	25.9	19.9	15.1	10.9
-60°	88.4	77.7	67.5	57.1	47.3	38.5	30.2	23.3	18.3	13.8	9.8
-62.5°	79.2	69.4	59.4	49.8	41.3	33.4	26.2	21.1	16.5	12.4	8.7
-65°	68.9	59.6	50.7	42.8	35.3	28.6	23.5	18.9	14.6	10.8	7.6
-67.5°	57.8	50.4	42.9	35.8	30.2	25.2	20.6	16.5	12.6	9.2	7.0
-70°	48.8	41.9	35.8	30.7	26.0	21.7	17.6	13.9	10.5	8.2	6.3
-72.5°	40.3	35.0	30.2	25.8	21.8	18.0	14.5	11.4	9.2	7.2	5.6
-75°	32.1	28.3	24.5	20.7	17.3	14.2	11.9	9.6	7.7	6.1	4.9
-77.5°	25.7	22.3	18.8	16.2	14.1	11.9	9.8	7.7	6.4	5.3	4.2
-80°	19.8	17.4	15.3	13.5	11.6	9.6	8.0	6.5	5.5	4.5	3.5
-82.5°	14.2	13.0	11.9	10.8	9.3	7.9	6.6	5.5	4.6	3.7	2.8
-85°	9.7	9.1	8.6	8.1	7.1	6.1	5.1	4.1	3.3	2.5	1.9
-87.5°	5.0	4.8	4.5	4.2	3.6	3.1	2.5	2.1	1.6	1.3	0.9
-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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REPORT NUMBER: P627078 (CONVERTED FROM TYPE C PHOTOMETRY)
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CANDELA DISTRIBUTION (continued):

	75°	77.5°	80°	82.5°	85°	87.5°	90°
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0
87.5°	0.0	0.0	0.0	0.0	0.0	0.1	0.0
85°	0.0	0.0	0.0	0.0	0.0	0.1	0.0
82.5°	0.0	0.0	0.0	0.0	0.0	0.2	0.0
80°	0.0	0.0	0.0	0.0	0.0	0.2	0.0
77.5°	0.0	0.1	0.0	0.0	0.0	0.3	0.0
75°	0.1	0.2	0.0	0.0	0.0	0.3	0.0
72.5°	0.1	0.4	0.3	0.0	0.1	0.4	0.0
70°	0.3	0.6	0.5	0.0	0.1	0.5	0.0
67.5°	0.9	0.8	0.8	0.3	0.1	0.5	0.0
65°	1.4	1.1	1.0	0.5	0.2	0.6	0.0
62.5°	2.0	1.4	1.3	0.8	0.3	0.6	0.0
60°	2.4	1.7	1.6	1.1	0.3	0.7	0.0
57.5°	2.5	2.0	1.8	1.3	0.5	0.8	0.0
55°	2.5	2.3	1.9	1.6	0.8	0.8	0.0
52.5°	2.5	2.5	2.1	1.9	0.9	0.9	0.0
50°	2.5	2.5	2.2	2.1	1.1	1.0	0.0
47.5°	2.5	2.5	2.3	2.4	1.3	1.1	0.0
45°	2.5	2.5	2.4	2.4	1.5	1.1	0.0
42.5°	2.5	2.5	2.5	2.5	1.6	1.2	0.0
40°	2.5	2.5	2.5	2.5	1.7	1.3	0.0
37.5°	2.5	2.5	2.5	2.5	1.9	1.4	0.0
35°	2.5	2.5	2.5	2.5	2.0	1.5	0.0
32.5°	2.6	2.5	2.5	2.5	2.1	1.5	0.0
30°	2.8	2.5	2.5	2.5	2.2	1.6	0.0
27.5°	3.1	2.5	2.5	2.5	2.2	1.7	0.0
25°	3.4	2.5	2.5	2.5	2.3	1.8	0.0
22.5°	3.7	2.5	2.5	2.5	2.4	1.9	0.0
20°	4.0	2.7	2.5	2.5	2.4	1.9	0.0
17.5°	4.4	2.9	2.5	2.5	2.4	2.0	0.0
15°	4.9	3.2	2.5	2.5	2.5	2.1	0.0
12.5°	5.4	3.5	2.5	2.5	2.5	2.2	0.0
10°	5.8	3.7	2.5	2.5	2.5	2.2	0.0
7.5°	6.3	4.0	2.5	2.5	2.5	2.3	0.0
5°	6.7	4.3	2.5	2.5	2.5	2.4	0.0
2.5°	7.1	4.6	2.5	2.5	2.5	2.4	0.0
0°	7.4	4.9	2.5	2.5	2.5	2.5	0.0
-2.5°	8.0	5.2	2.7	2.5	2.5	2.5	0.0
-5°	8.6	5.4	2.9	2.5	2.5	2.5	0.0
-7.5°	9.2	5.6	3.1	2.5	2.5	2.5	0.0
-10°	9.7	5.8	3.3	2.5	2.5	2.5	0.0
-12.5°	10.1	6.0	3.4	2.5	2.5	2.4	0.0
-15°	10.4	6.1	3.6	2.5	2.5	2.4	0.0
-17.5°	10.6	6.2	3.7	2.5	2.5	2.4	0.0
-20°	10.7	6.3	3.8	2.5	2.5	2.3	0.0

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CANDELA DISTRIBUTION (continued):

	75°	77.5°	80°	82.5°	85°	87.5°	90°
-22.5°	10.9	6.4	3.8	2.5	2.5	2.3	0.0
-25°	10.9	6.5	3.8	2.5	2.5	2.3	0.0
-27.5°	10.9	6.7	3.7	2.5	2.5	2.2	0.0
-30°	10.9	6.8	3.6	2.5	2.5	2.2	0.0
-32.5°	10.7	6.8	3.6	2.5	2.5	2.1	0.0
-35°	10.7	6.8	3.6	2.5	2.5	2.0	0.0
-37.5°	10.7	6.7	3.5	2.5	2.5	2.0	0.0
-40°	10.5	6.6	3.4	2.5	2.5	1.9	0.0
-42.5°	10.3	6.4	3.4	2.5	2.5	1.8	0.0
-45°	10.0	6.2	3.4	2.6	2.5	1.8	0.0
-47.5°	9.6	5.9	3.5	2.6	2.5	1.7	0.0
-50°	9.1	5.5	3.5	2.7	2.5	1.6	0.0
-52.5°	8.5	5.0	3.5	2.7	2.5	1.5	0.0
-55°	7.9	4.9	3.5	2.7	2.5	1.4	0.0
-57.5°	7.1	4.8	3.5	2.7	2.5	1.3	0.0
-60°	6.4	4.6	3.4	2.7	2.5	1.2	0.0
-62.5°	6.1	4.4	3.3	2.7	2.3	1.2	0.0
-65°	5.7	4.2	3.2	2.6	2.1	1.1	0.0
-67.5°	5.2	3.9	3.0	2.6	1.9	1.0	0.0
-70°	4.8	3.6	2.9	2.5	1.7	0.9	0.0
-72.5°	4.3	3.3	2.7	2.2	1.5	0.8	0.0
-75°	3.7	3.0	2.5	1.9	1.3	0.6	0.0
-77.5°	3.2	2.6	2.2	1.6	1.1	0.5	0.0
-80°	2.6	2.2	1.7	1.3	0.9	0.4	0.0
-82.5°	1.9	1.6	1.3	1.0	0.7	0.3	0.0
-85°	1.3	1.1	0.9	0.7	0.4	0.2	0.0
-87.5°	0.6	0.5	0.4	0.3	0.2	0.1	0.0
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0

(END OF REPORT)