

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: P627198 (CONVERTED FROM TYPE C PHOTOMETRY)

Luminaire Tested: GFLD-SA3D-727-U-NR-VSR-XX

Issue Date: 12/7/2022

Test Information

Test Method: LM-79-2019
Report Number: P627198 (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-SA3D-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: 17850.3 lumens
Efficiency: N/A
Efficacy: 111.4 lumens/watt
Luminous Opening: Rectangular (W 1.5' x L: 0.5' x H: 0')

NEMA Type: 3H x 3V
Max Intensity: 180942.7 candela
Max Intensity Angle: 0°H x 0°V

Beam Angle (50%): 13.6°H x 13.6°V
Beam Lumens: 5698.6 lumens
Beam Efficiency: 31.9%

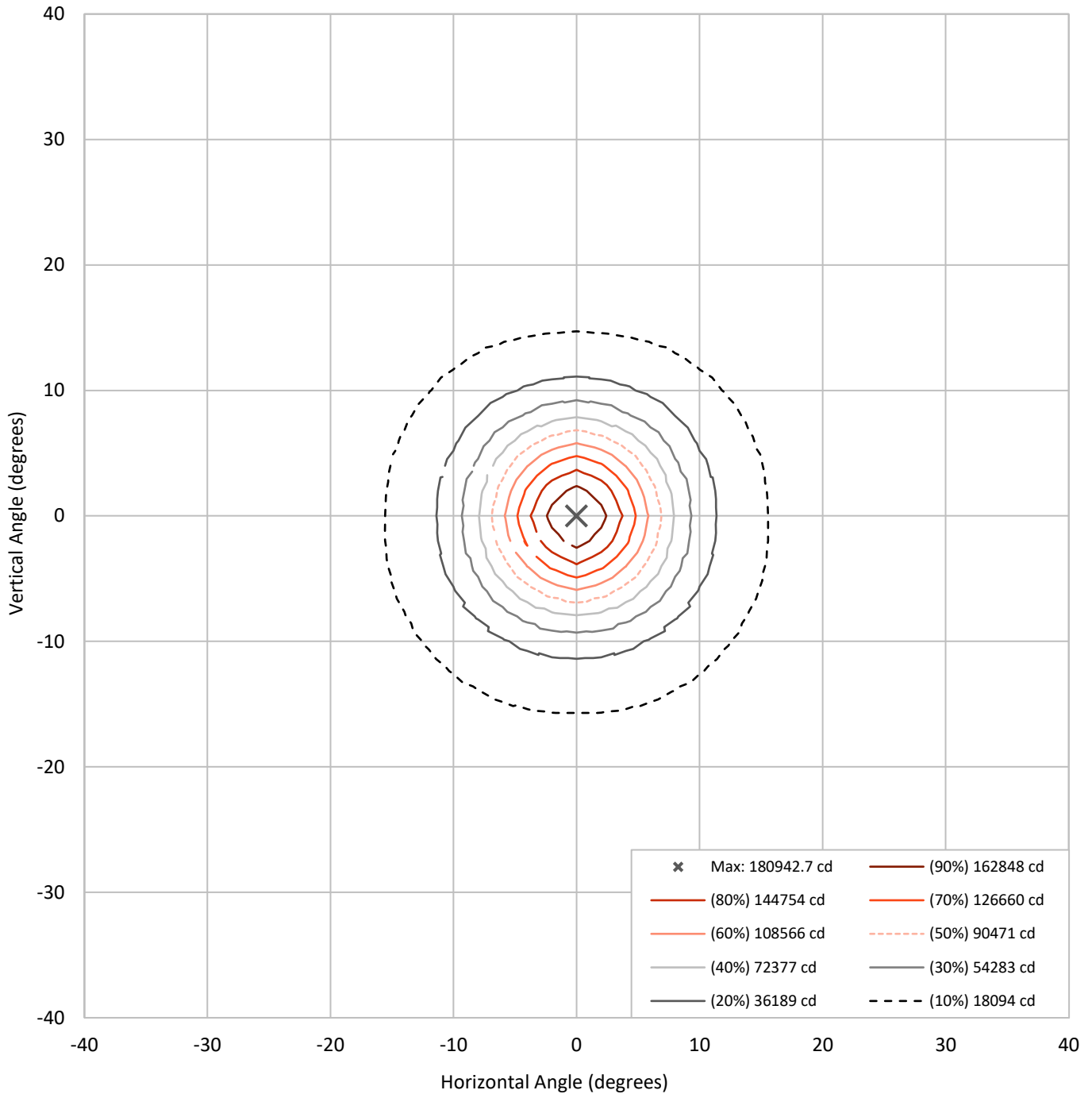
Field Angle (10%): 30.9°H x 30.2°V
Field Lumens: 12692.7 lumens
Field Efficiency: 71.1%

Input Watts (W): 160.2
Input Voltage (V): 120
Input Current (Ain): NR
Voltage Rise (V): NR
Power Factor: NR
Total Harmonic Distortion (THDi): NR
Frequency (hertz): 60
Stabilization Time: NR
Operation Time: NR
Ambient Temperature (°C): NR
Test Distance: 25 FT



REPORT NUMBER: P627198 (CONVERTED FROM TYPE C PHOTOMETRY)
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Iso-Candela Plot





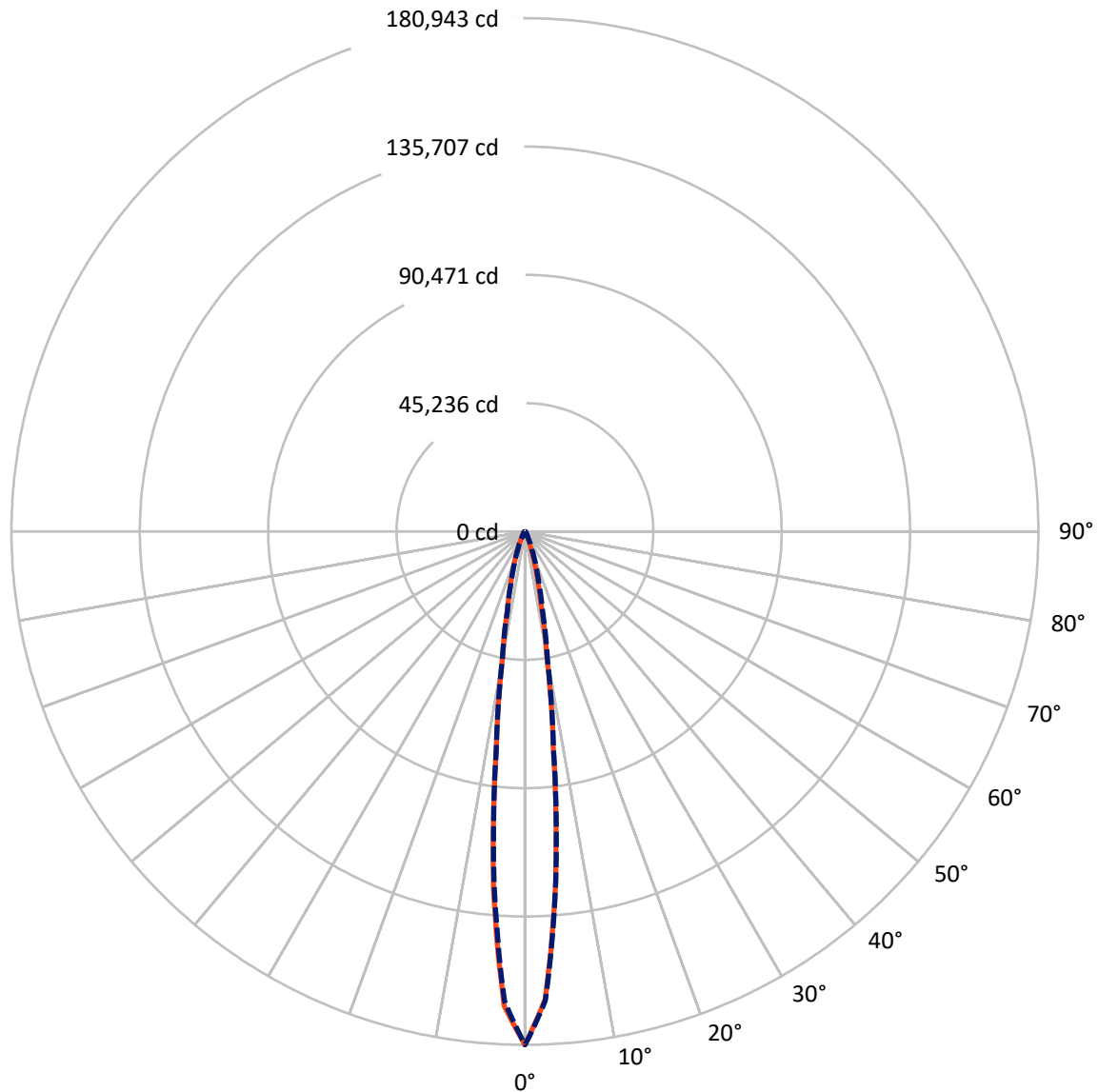
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Lumen Table

90	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			
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			
70	0.1	0.0	0.0	0.0	0.0	0.1	0.1	0.1	0.1	0.1	0.1	0.0	0.0	0.0	0.0	0.1			
60		0.0	0.1	0.4	1.0	1.6	2.1	2.5	2.5	2.1	1.6	1.0	0.4	0.1	0.0				
50	0.1	0.1	0.5	1.6	2.9	4.3	6.0	7.1	7.1	6.0	4.3	2.9	1.6	0.5	0.1	0.1			
40		0.3	1.3	3.0	5.4	8.5	14.5	18.5	18.5	14.5	8.5	5.4	3.0	1.3	0.3				
30	0.2	0.5	2.0	4.6	8.4	18.2	48.5	80.3	80.3	48.5	18.2	8.4	4.6	2.0	0.5	0.2			
20		0.8	2.7	6.4	13.8	54.3	228.8	503.0	503.0	228.8	54.3	13.8	6.4	2.7	0.8				
10	0.3	1.0	3.3	7.5	18.7	101.9	548.3	2459.0	2459.0	548.3	101.9	18.7	7.5	3.3	1.0	0.3			
0		1.1	3.6	7.9	20.1	108.6	567.5	2500.7	2500.7	567.5	108.6	20.1	7.9	3.6	1.1				
-10	0.3	1.2	3.7	7.7	17.7	69.1	275.5	589.3	589.3	275.5	69.1	17.7	7.7	3.7	1.2	0.3			
-20		1.1	3.5	7.1	13.6	32.3	84.9	141.5	141.5	84.9	32.3	13.6	7.1	3.5	1.1				
-30	0.3	1.0	3.2	6.3	10.7	17.7	28.9	36.7	36.7	28.9	17.7	10.7	6.3	3.2	1.0	0.3			
-40		0.8	2.6	5.2	8.6	12.4	16.7	18.6	18.6	16.7	12.4	8.6	5.2	2.6	0.8				
-50	0.2	0.6	1.9	4.1	6.8	9.5	12.0	13.1	13.1	12.0	9.5	6.8	4.1	1.9	0.6	0.2			
-60		0.4	1.2	2.6	4.6	6.6	8.4	9.2	9.2	8.4	6.6	4.6	2.6	1.2	0.4				
-70	0.1	0.4	1.2	2.6	4.6	6.6	8.4	9.2	9.2	8.4	6.6	4.6	2.6	1.2	0.4	0.1			
-80		1.1	4.5	9.9	12.5	9.9	4.5	1.1	0.1										
-90	0.1	1.1	4.5	9.9	12.5	9.9	4.5	1.1	0.1										
	-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

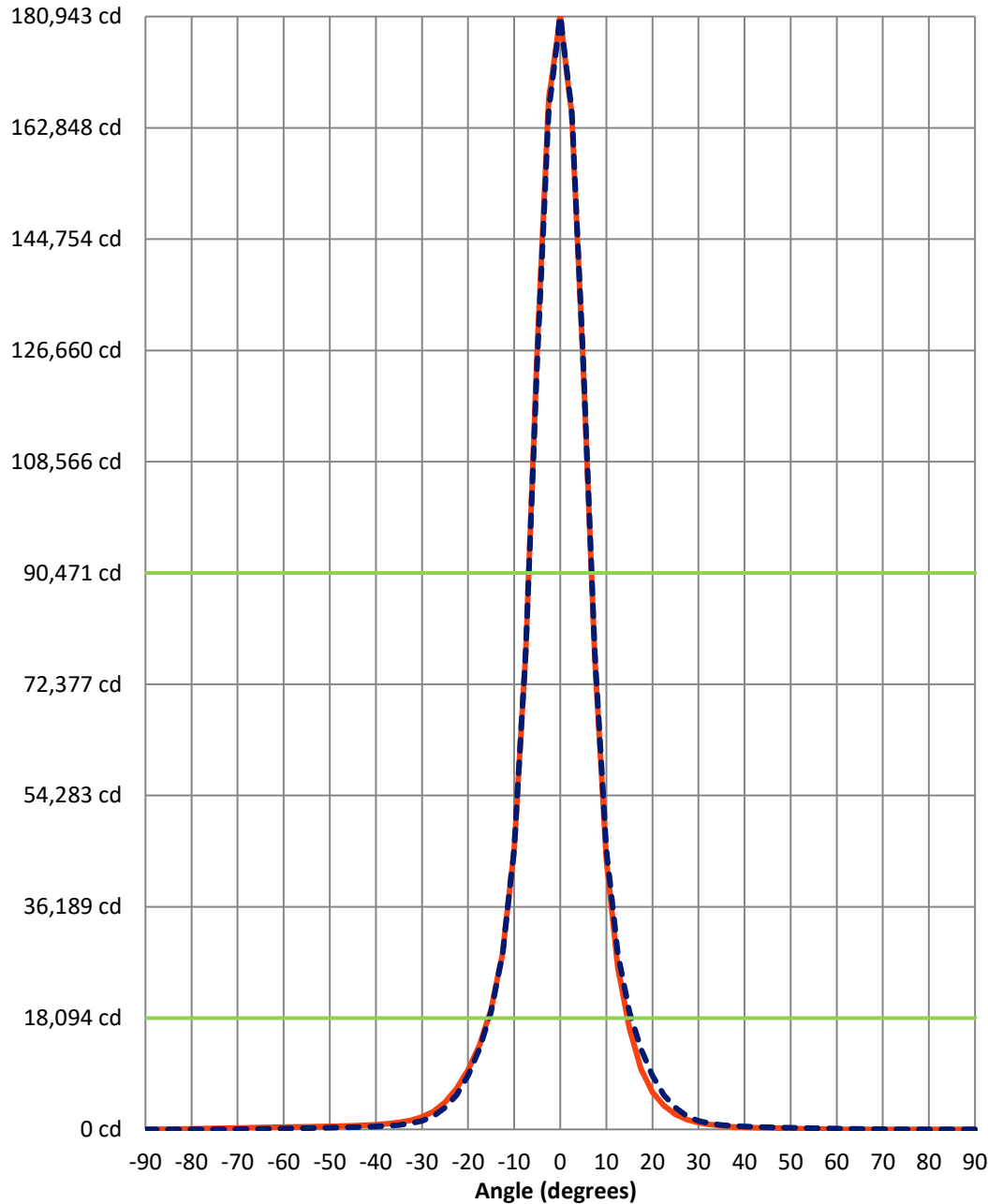


— Vertical Distribution Through 0-Deg - - - Horizontal Distribution Through 0-Deg



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Luminous Intensity Plot



Beam:
 H Angle: 13.6°
 V Angle: 13.6°
 Lumens: 5698.6
 Efficiency: 31.9%

Field:
 H Angle: 30.9°
 V Angle: 30.2°
 Lumens: 12692.7
 Efficiency: 71.1%

Spill:
 Lumens: 5157.6
 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	0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
82.5°	0.0	0.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
80°	0.0	0.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
77.5°	0.0	0.4	0.0	0.0	0.0	0.1	0.0	0.0	0.0	0.0	0.0
75°	0.0	0.5	0.1	0.0	0.1	0.3	0.1	0.0	0.1	0.3	0.1
72.5°	0.0	0.6	0.1	0.0	0.4	0.6	0.2	0.2	0.8	0.8	0.4
70°	0.0	0.7	0.2	0.1	0.8	0.9	0.4	1.2	1.6	1.4	0.5
67.5°	0.0	0.8	0.2	0.4	1.1	1.2	1.3	2.1	2.4	1.5	0.6
65°	0.0	0.9	0.3	0.8	1.5	1.6	2.2	3.2	2.6	1.7	1.1
62.5°	0.0	1.0	0.4	1.2	1.9	2.2	3.0	3.6	2.7	2.0	2.4
60°	0.0	1.1	0.5	1.6	2.4	2.7	3.7	3.7	2.9	2.7	3.5
57.5°	0.0	1.2	0.8	2.0	2.7	3.1	3.8	3.8	3.2	3.4	3.8
55°	0.0	1.3	1.1	2.4	2.9	3.5	3.8	3.8	3.5	3.8	3.8
52.5°	0.0	1.4	1.4	2.8	3.2	3.8	3.8	3.8	3.7	3.8	3.8
50°	0.0	1.5	1.7	3.2	3.4	3.8	3.8	3.8	3.8	3.8	4.4
47.5°	0.0	1.6	2.0	3.6	3.5	3.8	3.8	3.8	3.8	3.8	5.3
45°	0.0	1.7	2.2	3.7	3.7	3.8	3.8	3.8	3.9	4.7	6.3
42.5°	0.0	1.9	2.4	3.8	3.8	3.8	3.8	3.9	4.2	5.8	8.5
40°	0.0	2.0	2.7	3.8	3.8	3.8	3.8	4.3	4.9	7.1	10.9
37.5°	0.0	2.1	2.8	3.8	3.8	3.8	3.8	4.6	6.2	8.9	13.5
35°	0.0	2.2	3.0	3.8	3.8	3.8	3.8	5.1	7.6	11.3	16.5
32.5°	0.0	2.3	3.2	3.8	3.8	3.8	3.9	5.6	9.1	13.6	20.5
30°	0.0	2.5	3.3	3.8	3.8	3.8	4.3	6.4	10.7	15.9	24.8
27.5°	0.0	2.6	3.4	3.8	3.8	3.8	4.8	7.6	12.3	18.0	29.4
25°	0.0	2.7	3.5	3.8	3.8	3.8	5.2	8.9	14.2	21.2	34.4
22.5°	0.0	2.8	3.6	3.8	3.8	3.9	5.7	10.1	15.9	25.1	40.2
20°	0.0	3.0	3.6	3.8	3.8	4.2	6.2	11.3	17.5	29.0	45.6
17.5°	0.0	3.1	3.7	3.8	3.8	4.5	6.9	12.5	19.1	33.0	50.6
15°	0.0	3.2	3.7	3.8	3.8	4.9	7.7	13.7	20.5	36.8	55.0
12.5°	0.0	3.3	3.8	3.8	3.8	5.3	8.4	14.8	22.5	40.6	59.0
10°	0.0	3.4	3.8	3.8	3.8	5.8	9.1	15.9	24.9	44.1	62.6
7.5°	0.0	3.5	3.8	3.8	3.8	6.3	9.8	16.8	27.4	47.2	65.7
5°	0.0	3.6	3.8	3.8	3.8	6.8	10.4	17.7	29.9	49.7	68.4
2.5°	0.0	3.7	3.8	3.8	3.8	7.3	11.0	18.4	32.3	51.8	70.8
0°	0.0	3.8	3.8	3.8	3.8	7.7	11.5	19.1	34.5	53.6	72.8
-2.5°	0.0	3.8	3.8	3.8	4.1	8.1	12.5	20.3	36.5	55.0	75.3
-5°	0.0	3.8	3.8	3.8	4.5	8.5	13.4	21.3	38.1	56.2	77.3
-7.5°	0.0	3.8	3.8	3.8	4.8	8.8	14.3	22.3	39.5	57.0	78.8
-10°	0.0	3.7	3.8	3.8	5.1	9.1	15.0	23.1	40.5	57.6	79.8
-12.5°	0.0	3.7	3.8	3.8	5.3	9.3	15.6	23.8	41.1	58.2	81.3
-15°	0.0	3.7	3.8	3.8	5.6	9.5	16.1	24.4	41.3	59.4	82.6
-17.5°	0.0	3.6	3.8	3.8	5.7	9.7	16.4	25.0	41.0	60.0	83.3
-20°	0.0	3.6	3.8	3.8	5.8	9.8	16.7	25.5	40.4	60.0	83.1

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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	3.5	3.8	3.8	5.9	9.9	16.9	25.8	39.5	59.3	82.2
-25°	0.0	3.4	3.8	3.8	5.9	10.2	17.0	25.9	38.3	57.9	80.3
-27.5°	0.0	3.4	3.8	3.8	5.8	10.4	17.0	25.8	36.7	55.9	78.6
-30°	0.0	3.3	3.8	3.8	5.6	10.6	16.9	25.5	36.0	53.9	76.0
-32.5°	0.0	3.2	3.8	3.8	5.6	10.7	16.7	25.3	35.5	51.5	72.4
-35°	0.0	3.1	3.8	3.8	5.5	10.7	16.7	24.9	34.8	48.7	67.8
-37.5°	0.0	3.0	3.8	3.8	5.4	10.5	16.6	24.5	33.8	45.7	65.2
-40°	0.0	2.9	3.8	3.8	5.2	10.3	16.4	23.9	32.5	43.7	62.8
-42.5°	0.0	2.8	3.8	3.8	5.1	10.0	16.0	23.2	31.5	42.9	59.8
-45°	0.0	2.7	3.8	3.9	5.3	9.6	15.5	22.5	30.5	41.6	56.5
-47.5°	0.0	2.6	3.8	4.0	5.4	9.1	14.9	21.7	29.5	39.7	54.4
-50°	0.0	2.4	3.8	4.1	5.4	8.5	14.1	20.8	28.4	38.2	51.6
-52.5°	0.0	2.3	3.8	4.1	5.4	7.8	13.3	19.6	26.9	36.1	48.2
-55°	0.0	2.2	3.8	4.1	5.4	7.6	12.2	18.3	25.3	33.4	44.7
-57.5°	0.0	2.0	3.8	4.1	5.3	7.4	11.1	16.9	23.5	30.9	40.5
-60°	0.0	1.9	3.8	4.1	5.2	7.2	9.9	15.2	21.4	28.5	36.2
-62.5°	0.0	1.8	3.5	4.0	5.1	6.9	9.4	13.5	19.2	25.7	33.0
-65°	0.0	1.6	3.2	4.0	4.9	6.5	8.9	11.9	16.9	22.8	29.4
-67.5°	0.0	1.5	2.9	3.9	4.7	6.1	8.2	10.9	14.3	19.7	25.6
-70°	0.0	1.3	2.6	3.8	4.4	5.6	7.5	9.9	12.8	16.3	21.6
-72.5°	0.0	1.1	2.3	3.4	4.1	5.1	6.7	8.7	11.2	14.2	17.7
-75°	0.0	1.0	2.0	2.9	3.9	4.6	5.8	7.6	9.5	12.0	15.0
-77.5°	0.0	0.8	1.6	2.5	3.3	4.0	4.9	6.5	8.3	10.0	12.0
-80°	0.0	0.7	1.3	2.0	2.6	3.3	3.9	5.4	7.0	8.6	10.2
-82.5°	0.0	0.5	1.0	1.5	2.0	2.5	2.9	4.2	5.8	7.2	8.6
-85°	0.0	0.3	0.7	1.0	1.3	1.6	2.0	2.9	3.9	5.1	6.5
-87.5°	0.0	0.2	0.3	0.5	0.7	0.8	1.0	1.4	2.0	2.6	3.2
-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):

	-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	0.4	0.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0
67.5°	0.3	1.1	1.3	0.8	0.0	0.0	0.0	0.2	0.0	0.0	0.0
65°	1.9	2.5	1.9	1.0	0.1	0.9	1.3	1.0	0.1	0.0	0.0
62.5°	3.5	3.0	2.1	1.6	2.2	2.9	2.2	1.3	0.4	1.9	2.7
60°	3.8	3.2	2.7	3.0	3.8	3.4	2.5	3.7	5.6	7.1	8.6
57.5°	3.8	3.5	3.4	4.1	4.3	4.3	6.7	9.0	12.7	15.8	17.9
55°	3.9	3.8	4.3	5.2	6.4	9.1	12.5	17.6	21.7	28.0	33.4
52.5°	4.3	4.3	5.8	7.8	11.6	15.8	21.8	29.0	37.2	43.3	49.9
50°	5.0	6.4	8.2	13.1	18.2	24.9	34.6	45.2	52.1	59.1	68.4
47.5°	6.8	8.7	13.5	19.2	26.6	37.2	50.7	58.2	65.1	76.0	87.6
45°	9.2	13.0	18.9	26.9	37.1	51.9	62.5	68.7	80.5	93.1	106.4
42.5°	11.7	18.0	26.0	34.4	50.5	64.6	74.2	84.0	96.0	110.7	125.1
40°	15.9	22.8	33.8	47.0	63.3	77.1	89.1	100.4	112.1	131.4	146.7
37.5°	20.2	30.3	42.7	59.0	76.0	91.0	104.4	118.7	135.4	157.1	170.9
35°	24.3	38.0	53.1	70.5	88.6	105.6	121.7	138.3	160.0	180.6	197.0
32.5°	30.1	45.9	62.9	81.7	100.3	119.5	139.1	159.0	180.3	201.3	222.9
30°	37.4	54.3	72.2	92.3	111.1	133.3	156.0	177.1	198.5	220.7	245.0
27.5°	44.7	62.1	81.5	101.9	121.5	146.8	171.3	193.3	215.4	239.2	266.9
25°	51.5	70.1	90.3	110.3	133.4	160.6	187.4	212.8	231.5	258.7	291.1
22.5°	58.0	77.8	99.5	118.0	144.9	174.5	205.6	233.0	255.2	279.4	316.1
20°	64.4	85.7	108.2	128.9	156.4	188.2	225.2	253.4	280.9	312.1	349.6
17.5°	70.6	93.1	116.7	141.3	170.4	203.3	245.3	274.0	306.9	344.2	391.5
15°	76.4	100.0	125.3	152.8	183.0	218.4	258.9	294.8	334.0	377.1	433.1
12.5°	81.8	106.3	133.7	163.6	194.0	231.4	270.3	308.5	353.6	410.0	480.4
10°	86.7	111.9	141.9	173.4	203.7	242.4	280.4	320.1	367.7	429.7	510.2
7.5°	90.9	117.7	149.7	182.3	212.0	251.4	289.1	329.7	379.5	446.0	530.3
5°	94.4	123.7	156.9	188.0	218.9	259.2	296.3	337.3	388.9	458.7	544.6
2.5°	97.3	129.2	163.1	192.2	224.8	266.3	302.2	345.7	398.5	468.5	558.1
0°	99.6	134.0	168.5	195.3	229.8	271.9	306.4	352.4	406.0	474.9	570.7
-2.5°	104.2	138.0	171.7	198.9	235.1	272.9	309.2	353.3	408.8	479.9	573.0
-5°	108.1	141.2	174.0	201.7	239.0	272.8	310.4	352.5	409.8	482.7	577.1
-7.5°	111.1	143.7	175.6	203.9	241.1	274.0	312.1	355.3	412.8	485.3	582.6
-10°	113.1	145.5	176.9	206.6	241.7	275.3	312.8	355.9	412.3	483.6	579.6
-12.5°	114.1	146.6	177.5	208.1	241.5	275.2	311.9	354.2	408.1	477.6	567.7
-15°	114.4	147.0	177.4	208.3	241.0	273.6	309.4	350.2	400.4	467.3	549.2
-17.5°	114.1	146.7	176.7	207.0	240.1	270.4	305.6	344.8	392.8	455.3	534.1
-20°	113.1	145.9	175.3	204.2	238.8	267.5	301.8	339.6	384.8	441.4	511.9

Classified

Cooper Lighting Solutions Photometric Lab
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REPORT NUMBER: P627198 (CONVERTED FROM TYPE C PHOTOMETRY)
CATALOG NUMBER: GFLD-SA3D-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°	111.5	144.6	173.4	201.4	234.6	264.8	296.8	332.9	373.4	424.6	487.1
-25°	109.7	141.9	171.0	199.3	229.7	260.6	290.5	324.8	362.0	411.2	467.6
-27.5°	107.2	138.6	167.7	196.3	224.6	255.0	284.2	316.6	353.5	396.9	447.2
-30°	103.7	133.9	163.0	192.2	220.1	248.7	276.9	307.8	342.5	383.4	429.9
-32.5°	99.2	128.7	157.2	186.1	215.1	242.4	268.9	298.6	331.1	367.1	411.3
-35°	94.6	123.1	150.9	178.4	209.0	235.3	260.9	288.1	318.4	351.8	387.8
-37.5°	90.4	117.1	144.2	170.1	199.1	226.5	251.4	277.2	305.2	335.9	368.6
-40°	85.8	110.6	137.1	162.4	187.8	215.8	240.6	265.6	291.4	322.1	351.3
-42.5°	81.1	105.2	129.7	154.5	178.7	203.7	228.6	252.5	279.8	308.9	337.4
-45°	77.1	99.5	122.2	146.3	170.3	192.8	216.1	238.5	266.2	295.3	323.2
-47.5°	72.4	93.7	115.7	137.6	161.1	183.6	204.5	227.1	250.8	278.2	307.5
-50°	67.6	87.7	108.1	128.7	150.9	173.5	194.7	215.6	237.8	260.4	285.7
-52.5°	63.5	81.1	99.9	118.8	139.9	162.0	183.4	204.3	224.8	245.9	267.6
-55°	58.7	74.8	91.4	109.1	127.5	148.7	170.0	190.4	211.2	231.0	252.2
-57.5°	53.3	67.8	82.9	99.4	116.2	133.6	154.2	174.5	194.2	214.2	236.0
-60°	47.2	60.2	73.9	89.1	105.5	121.4	138.1	156.9	175.9	194.9	215.0
-62.5°	40.9	52.1	64.5	77.9	92.8	108.4	123.7	139.8	156.9	173.4	190.8
-65°	36.7	44.6	55.0	66.9	79.2	93.2	107.6	122.4	137.5	151.5	164.9
-67.5°	32.2	39.4	47.0	55.8	67.0	78.8	90.3	103.6	117.0	129.9	142.5
-70°	27.5	33.8	40.6	47.9	55.9	65.5	76.3	86.9	97.3	108.1	119.7
-72.5°	22.5	28.0	33.9	40.2	47.0	54.6	63.0	72.0	81.2	90.2	99.3
-75°	18.5	22.1	27.0	32.3	38.2	44.1	50.2	57.3	65.1	73.0	80.6
-77.5°	15.2	18.6	21.9	25.2	29.4	34.8	40.2	45.5	50.9	56.8	63.1
-80°	12.4	15.0	18.0	21.0	23.9	27.2	30.9	35.1	39.0	42.9	47.2
-82.5°	10.4	12.3	14.5	16.8	18.5	20.2	22.2	24.7	27.2	29.9	32.6
-85°	7.9	9.6	11.0	12.6	13.3	14.2	15.2	16.2	17.9	19.5	21.0
-87.5°	4.0	4.8	5.7	6.6	7.0	7.4	7.8	8.1	9.2	10.3	11.4
-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: P627198 (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°	0.0	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°	0.2	0.0	0.0	0.0	0.0	0.7	0.9	0.8	0.4	0.0	0.0
62.5°	2.3	1.9	3.0	4.0	4.4	4.2	3.9	3.5	3.0	2.7	3.1
60°	9.2	9.0	12.6	14.3	13.0	9.2	14.4	17.0	16.3	14.0	13.9
57.5°	22.5	27.3	30.8	32.3	37.4	45.6	47.2	44.5	43.5	44.3	51.3
55°	39.0	42.9	44.9	51.9	58.0	62.5	65.1	67.7	71.7	76.5	81.4
52.5°	55.1	60.5	64.5	70.7	78.1	80.7	80.0	89.5	96.9	101.7	103.6
50°	75.7	82.3	91.8	101.6	105.8	110.0	114.3	122.1	133.4	147.6	155.6
47.5°	97.8	108.3	118.3	129.5	135.1	139.5	146.0	159.6	175.7	190.9	198.8
45°	117.8	127.1	138.6	148.2	155.1	163.6	173.0	185.2	203.3	219.2	230.2
42.5°	133.8	144.4	156.2	167.8	174.8	186.2	200.5	217.2	236.1	252.6	264.9
40°	156.3	165.3	184.0	195.0	197.8	208.5	237.1	259.8	281.2	301.6	311.7
37.5°	183.5	200.9	220.3	230.4	240.2	259.1	297.4	334.2	361.4	388.9	404.0
35°	214.3	237.2	263.7	275.6	296.8	337.8	382.8	434.0	497.6	524.3	548.6
32.5°	244.2	269.9	294.4	321.0	358.0	407.0	457.8	540.7	618.2	678.2	722.0
30°	270.8	298.0	328.4	362.7	414.8	482.3	567.1	674.4	783.6	878.9	959.5
27.5°	297.1	328.1	364.2	415.2	488.6	580.3	715.6	868.7	1051.1	1185.4	1345.7
25°	325.9	361.3	407.7	481.7	580.7	717.8	934.1	1182.8	1481.7	1724.0	1977.6
22.5°	360.0	412.3	471.0	553.6	726.5	952.5	1248.0	1673.0	2132.7	2557.8	2967.1
20°	401.2	472.7	567.0	718.9	940.9	1275.0	1788.4	2466.6	3142.8	3862.9	4556.0
17.5°	460.0	563.0	709.5	925.7	1218.3	1879.2	2712.2	3761.2	5108.9	6330.2	7396.5
15°	515.1	638.2	869.5	1192.7	1703.1	2579.0	3844.3	5575.7	7676.0	9590.2	11611.9
12.5°	572.9	718.4	983.9	1395.5	2104.7	3244.9	5023.1	7395.5	10025.4	12910.3	16196.4
10°	618.8	795.3	1113.3	1635.1	2509.4	3929.3	6047.3	8924.5	12419.3	16688.8	21941.8
7.5°	649.7	857.1	1220.2	1810.6	2882.0	4629.2	7178.9	10637.1	15006.3	20662.5	28012.8
5°	673.9	904.1	1300.6	1970.5	3197.1	5163.4	8017.3	12136.8	17305.4	24883.6	37340.2
2.5°	693.3	940.2	1350.3	2080.6	3395.0	5535.5	8579.8	12985.3	18674.0	28004.4	44165.2
0°	708.5	972.8	1382.6	2148.6	3546.5	5572.6	8755.3	13140.6	19165.1	28567.7	45634.0
-2.5°	715.0	990.3	1393.8	2163.5	3531.4	5636.5	8808.8	13264.6	19146.7	28259.1	43993.6
-5°	725.8	990.0	1385.4	2148.3	3452.2	5471.3	8459.0	12570.6	17991.6	25828.6	38719.6
-7.5°	733.5	974.2	1345.2	2050.9	3244.9	5114.4	7844.3	11420.7	15889.3	21839.7	29823.5
-10°	726.4	943.9	1278.4	1887.7	2922.8	4541.8	6909.5	9902.6	13616.5	18026.3	23450.7
-12.5°	699.1	887.9	1169.3	1659.0	2505.5	3900.3	5969.1	8517.5	11266.3	14363.3	18111.6
-15°	664.5	827.6	1071.0	1502.1	2196.1	3264.5	4774.9	6842.2	9047.3	11398.7	13906.1
-17.5°	637.6	774.7	976.2	1288.3	1798.7	2648.3	3835.2	5303.8	6924.2	8714.5	10200.3
-20°	601.2	709.5	878.6	1133.5	1523.0	2085.8	2950.3	4017.2	5086.5	6345.2	7371.7

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REPORT NUMBER: P627198 (CONVERTED FROM TYPE C PHOTOMETRY)
CATALOG NUMBER: GFLD-SA3D-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°	564.7	659.1	787.8	974.3	1264.0	1689.3	2223.3	2935.8	3717.7	4440.2	5151.4
-25°	530.8	603.5	707.6	860.6	1057.2	1347.4	1727.5	2136.2	2651.6	3091.4	3579.5
-27.5°	503.4	565.8	642.6	754.8	907.3	1094.0	1366.2	1640.0	1911.1	2133.1	2469.1
-30°	476.9	527.2	591.4	671.4	785.7	929.6	1106.3	1283.9	1440.4	1583.1	1758.0
-32.5°	450.9	491.8	541.1	607.5	689.5	797.7	906.2	1033.6	1142.3	1242.6	1335.5
-35°	424.9	461.3	498.8	554.8	620.2	697.0	776.0	862.2	937.5	1005.1	1064.9
-37.5°	401.3	433.3	468.6	510.3	563.0	620.8	685.3	747.9	797.6	841.5	877.8
-40°	381.5	410.6	440.8	474.2	514.3	559.9	614.7	666.9	701.7	728.5	750.5
-42.5°	363.7	389.3	415.1	443.4	474.2	513.7	557.0	600.1	623.7	644.4	660.3
-45°	349.5	369.1	390.8	415.0	442.3	475.3	509.3	539.1	560.1	578.0	591.2
-47.5°	330.7	349.6	368.3	388.3	413.7	441.3	469.4	492.3	510.7	526.2	536.4
-50°	310.0	329.9	347.0	364.6	388.0	411.4	434.0	452.9	470.4	485.7	493.7
-52.5°	288.6	309.9	327.9	345.0	364.7	385.1	405.5	421.7	437.0	451.4	457.4
-55°	273.1	292.8	311.4	327.5	343.7	360.0	376.6	393.5	408.6	422.2	426.3
-57.5°	256.4	276.4	294.9	309.3	324.0	338.7	353.9	369.1	383.7	396.8	400.1
-60°	236.0	257.8	274.1	287.8	302.0	316.5	329.8	343.3	356.9	368.3	372.0
-62.5°	210.2	230.0	246.1	260.5	274.2	286.8	299.8	312.4	324.6	333.6	336.6
-65°	179.1	196.0	212.6	227.7	241.2	253.4	265.3	276.8	287.9	295.9	299.8
-67.5°	154.7	166.8	180.1	193.1	206.7	219.2	230.0	240.2	249.7	256.4	260.6
-70°	131.1	142.6	155.1	167.5	179.3	189.5	198.1	206.4	214.6	220.5	225.0
-72.5°	108.5	118.2	128.7	139.6	150.4	159.6	167.5	174.9	182.0	187.1	191.2
-75°	88.1	96.1	105.0	113.8	122.5	129.9	136.4	142.9	149.1	153.6	157.4
-77.5°	69.9	76.7	83.6	90.5	97.4	102.8	107.6	112.3	116.9	120.5	123.7
-80°	51.8	57.1	62.6	68.2	73.7	77.7	81.3	84.8	88.0	90.1	92.0
-82.5°	35.4	39.1	43.0	46.9	50.7	53.7	56.6	59.5	62.3	63.2	64.0
-85°	22.6	24.5	26.5	28.6	30.8	32.5	34.1	35.5	37.0	38.3	39.5
-87.5°	12.5	12.9	13.2	13.6	13.9	15.0	16.2	17.3	18.4	18.6	18.8
-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-SA3D-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	0.4	0.8
62.5°	3.4	3.6	3.8	3.8	3.8	3.6	3.4	3.1	2.7	3.0	3.5
60°	13.1	11.7	11.4	11.5	11.4	11.7	13.1	13.9	14.0	16.3	17.0
57.5°	58.2	64.8	66.6	65.1	66.6	64.8	58.2	51.3	44.3	43.5	44.5
55°	84.8	86.9	87.8	88.1	87.8	86.9	84.8	81.4	76.5	71.7	67.7
52.5°	104.0	103.3	103.1	103.4	103.1	103.3	104.0	103.6	101.7	96.9	89.5
50°	156.3	153.4	152.3	153.2	152.3	153.4	156.3	155.6	147.6	133.4	122.1
47.5°	199.7	200.6	202.0	203.0	202.0	200.6	199.7	198.8	190.9	175.7	159.6
45°	233.3	235.3	236.7	237.5	236.7	235.3	233.3	230.2	219.2	203.3	185.2
42.5°	267.5	267.8	267.4	268.1	267.4	267.8	267.5	264.9	252.6	236.1	217.2
40°	315.8	316.8	315.8	314.1	315.8	316.8	315.8	311.7	301.6	281.2	259.8
37.5°	412.7	414.1	409.5	406.0	409.5	414.1	412.7	404.0	388.9	361.4	334.2
35°	570.8	587.2	595.0	597.5	595.0	587.2	570.8	548.6	524.3	497.6	434.0
32.5°	752.3	775.1	786.5	796.6	786.5	775.1	752.3	722.0	678.2	618.2	540.7
30°	1012.4	1054.4	1072.9	1099.2	1072.9	1054.4	1012.4	959.5	878.9	783.6	674.4
27.5°	1436.7	1510.6	1551.5	1589.4	1551.5	1510.6	1436.7	1345.7	1185.4	1051.1	868.7
25°	2161.9	2304.1	2396.2	2439.7	2396.2	2304.1	2161.9	1977.6	1724.0	1481.7	1182.8
22.5°	3363.2	3625.5	3827.7	3868.3	3827.7	3625.5	3363.2	2967.1	2557.8	2132.7	1673.0
20°	5228.6	5603.8	5909.1	6062.8	5909.1	5603.8	5228.6	4556.0	3862.9	3142.8	2466.6
17.5°	8666.6	9447.1	9803.6	9862.1	9803.6	9447.1	8666.6	7396.5	6330.2	5108.9	3761.2
15°	13781.3	15102.0	15940.5	16480.3	15940.5	15102.0	13781.3	11611.9	9590.2	7676.0	5575.7
12.5°	19617.0	23369.9	25505.4	26319.5	25505.4	23369.9	19617.0	16196.4	12910.3	10025.4	7395.5
10°	27537.4	36372.3	41468.5	44033.1	41468.5	36372.3	27537.4	21941.8	16688.8	12419.3	8924.5
7.5°	40980.1	54625.7	69744.4	76739.1	69744.4	54625.7	40980.1	28012.8	20662.5	15006.3	10637.1
5°	55111.7	85071.9	111368.1	123960.5	111368.1	85071.9	55111.7	37340.2	24883.6	17305.4	12136.8
2.5°	71353.6	111757.8	149114.7	164822.4	149114.7	111757.8	71353.6	44165.2	28004.4	18674.0	12985.3
0°	77604.6	124669.1	165525.1	180942.7	165525.1	124669.1	77604.6	45634.0	28567.7	19165.1	13140.6
-2.5°	72320.0	113715.2	149756.5	167373.1	149756.5	113715.2	72320.0	43993.6	28259.1	19146.7	13264.6
-5°	57462.0	85540.7	112232.7	126587.9	112232.7	85540.7	57462.0	38719.6	25828.6	17991.6	12570.6
-7.5°	42173.5	57459.3	72283.0	77466.7	72283.0	57459.3	42173.5	29823.5	21839.7	15889.3	11420.7
-10°	29362.0	38115.2	43893.2	45542.1	43893.2	38115.2	29362.0	23450.7	18026.3	13616.5	9902.6
-12.5°	21769.0	25597.6	28261.5	28724.7	28261.5	25597.6	21769.0	18111.6	14363.3	11266.3	8517.5
-15°	16119.4	18066.4	19440.3	19532.8	19440.3	18066.4	16119.4	13906.1	11398.7	9047.3	6842.2
-17.5°	11783.3	13090.3	13783.7	13734.2	13783.7	13090.3	11783.3	10200.3	8714.5	6924.2	5303.8
-20°	8425.8	9213.6	9772.3	9663.0	9772.3	9213.6	8425.8	7371.7	6345.2	5086.5	4017.2

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REPORT NUMBER: P627198 (CONVERTED FROM TYPE C PHOTOMETRY)
CATALOG NUMBER: GFLD-SA3D-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°	5875.1	6398.0	6725.4	6641.2	6725.4	6398.0	5875.1	5151.4	4440.2	3717.7	2935.8
-25°	3992.0	4276.9	4439.1	4412.1	4439.1	4276.9	3992.0	3579.5	3091.4	2651.6	2136.2
-27.5°	2720.3	2870.8	2921.1	2918.4	2921.1	2870.8	2720.3	2469.1	2133.1	1911.1	1640.0
-30°	1888.1	1989.3	2047.1	2010.7	2047.1	1989.3	1888.1	1758.0	1583.1	1440.4	1283.9
-32.5°	1407.3	1464.3	1497.3	1463.0	1497.3	1464.3	1407.3	1335.5	1242.6	1142.3	1033.6
-35°	1109.0	1137.9	1149.5	1129.8	1149.5	1137.9	1109.0	1064.9	1005.1	937.5	862.2
-37.5°	904.2	921.1	926.8	915.4	926.8	921.1	904.2	877.8	841.5	797.6	747.9
-40°	766.1	776.5	779.0	769.8	779.0	776.5	766.1	750.5	728.5	701.7	666.9
-42.5°	670.4	676.5	678.0	674.1	678.0	676.5	670.4	660.3	644.4	623.7	600.1
-45°	599.1	604.4	605.4	601.3	605.4	604.4	599.1	591.2	578.0	560.1	539.1
-47.5°	541.4	544.7	545.6	543.9	545.6	544.7	541.4	536.4	526.2	510.7	492.3
-50°	497.3	499.5	499.7	497.9	499.7	499.5	497.3	493.7	485.7	470.4	452.9
-52.5°	460.3	461.8	462.9	463.4	462.9	461.8	460.3	457.4	451.4	437.0	421.7
-55°	429.1	431.2	432.4	432.8	432.4	431.2	429.1	426.3	422.2	408.6	393.5
-57.5°	402.7	404.5	405.6	406.0	405.6	404.5	402.7	400.1	396.8	383.7	369.1
-60°	375.0	377.3	378.7	379.2	378.7	377.3	375.0	372.0	368.3	356.9	343.3
-62.5°	338.6	339.6	340.5	340.9	340.5	339.6	338.6	336.6	333.6	324.6	312.4
-65°	302.8	304.8	306.0	306.4	306.0	304.8	302.8	299.8	295.9	287.9	276.8
-67.5°	264.0	266.7	269.5	271.9	269.5	266.7	264.0	260.6	256.4	249.7	240.2
-70°	228.9	232.3	233.3	233.6	233.3	232.3	228.9	225.0	220.5	214.6	206.4
-72.5°	194.9	198.1	200.8	203.0	200.8	198.1	194.9	191.2	187.1	182.0	174.9
-75°	160.8	163.8	164.5	164.7	164.5	163.8	160.8	157.4	153.6	149.1	142.9
-77.5°	126.7	129.4	130.0	130.2	130.0	129.4	126.7	123.7	120.5	116.9	112.3
-80°	93.7	95.2	97.5	99.6	97.5	95.2	93.7	92.0	90.1	88.0	84.8
-82.5°	64.5	64.8	65.0	65.1	65.0	64.8	64.5	64.0	63.2	62.3	59.5
-85°	40.8	41.9	42.1	42.1	42.1	41.9	40.8	39.5	38.3	37.0	35.5
-87.5°	18.9	19.0	19.1	19.1	19.1	19.0	18.9	18.8	18.6	18.4	17.3
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



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CANDELA DISTRIBUTION (continued):

	20°	22.5°	25°	27.5°	30°	32.5°	35°	37.5°	40°	42.5°	45°
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
87.5°	0.0	0.0	0.0	0.0	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°	0.9	0.7	0.0	0.0	0.0	0.0	0.2	0.0	0.0	0.1	1.0
62.5°	3.9	4.2	4.4	4.0	3.0	1.9	2.3	2.7	1.9	0.4	1.3
60°	14.4	9.2	13.0	14.3	12.6	9.0	9.2	8.6	7.1	5.6	3.7
57.5°	47.2	45.6	37.4	32.3	30.8	27.3	22.5	17.9	15.8	12.7	9.0
55°	65.1	62.5	58.0	51.9	44.9	42.9	39.0	33.4	28.0	21.7	17.6
52.5°	80.0	80.7	78.1	70.7	64.5	60.5	55.1	49.9	43.3	37.2	29.0
50°	114.3	110.0	105.8	101.6	91.8	82.3	75.7	68.4	59.1	52.1	45.2
47.5°	146.0	139.5	135.1	129.5	118.3	108.3	97.8	87.6	76.0	65.1	58.2
45°	173.0	163.6	155.1	148.2	138.6	127.1	117.8	106.4	93.1	80.5	68.7
42.5°	200.5	186.2	174.8	167.8	156.2	144.4	133.8	125.1	110.7	96.0	84.0
40°	237.1	208.5	197.8	195.0	184.0	165.3	156.3	146.7	131.4	112.1	100.4
37.5°	297.4	259.1	240.2	230.4	220.3	200.9	183.5	170.9	157.1	135.4	118.7
35°	382.8	337.8	296.8	275.6	263.7	237.2	214.3	197.0	180.6	160.0	138.3
32.5°	457.8	407.0	358.0	321.0	294.4	269.9	244.2	222.9	201.3	180.3	159.0
30°	567.1	482.3	414.8	362.7	328.4	298.0	270.8	245.0	220.7	198.5	177.1
27.5°	715.6	580.3	488.6	415.2	364.2	328.1	297.1	266.9	239.2	215.4	193.3
25°	934.1	717.8	580.7	481.7	407.7	361.3	325.9	291.1	258.7	231.5	212.8
22.5°	1248.0	952.5	726.5	553.6	471.0	412.3	360.0	316.1	279.4	255.2	233.0
20°	1788.4	1275.0	940.9	718.9	567.0	472.7	401.2	349.6	312.1	280.9	253.4
17.5°	2712.2	1879.2	1218.3	925.7	709.5	563.0	460.0	391.5	344.2	306.9	274.0
15°	3844.3	2579.0	1703.1	1192.7	869.5	638.2	515.1	433.1	377.1	334.0	294.8
12.5°	5023.1	3244.9	2104.7	1395.5	983.9	718.4	572.9	480.4	410.0	353.6	308.5
10°	6047.3	3929.3	2509.4	1635.1	1113.3	795.3	618.8	510.2	429.7	367.7	320.1
7.5°	7178.9	4629.2	2882.0	1810.6	1220.2	857.1	649.7	530.3	446.0	379.5	329.7
5°	8017.3	5163.4	3197.1	1970.5	1300.6	904.1	673.9	544.6	458.7	388.9	337.3
2.5°	8579.8	5535.5	3395.0	2080.6	1350.3	940.2	693.3	558.1	468.5	398.5	345.7
0°	8755.3	5572.6	3546.5	2148.6	1382.6	972.8	708.5	570.7	474.9	406.0	352.4
-2.5°	8808.8	5636.5	3531.4	2163.5	1393.8	990.3	715.0	573.0	479.9	408.8	353.3
-5°	8459.0	5471.3	3452.2	2148.3	1385.4	990.0	725.8	577.1	482.7	409.8	352.5
-7.5°	7844.3	5114.4	3244.9	2050.9	1345.2	974.2	733.5	582.6	485.3	412.8	355.3
-10°	6909.5	4541.8	2922.8	1887.7	1278.4	943.9	726.4	579.6	483.6	412.3	355.9
-12.5°	5969.1	3900.3	2505.5	1659.0	1169.3	887.9	699.1	567.7	477.6	408.1	354.2
-15°	4774.9	3264.5	2196.1	1502.1	1071.0	827.6	664.5	549.2	467.3	400.4	350.2
-17.5°	3835.2	2648.3	1798.7	1288.3	976.2	774.7	637.6	534.1	455.3	392.8	344.8
-20°	2950.3	2085.8	1523.0	1133.5	878.6	709.5	601.2	511.9	441.4	384.8	339.6

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REPORT NUMBER: P627198 (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°	2223.3	1689.3	1264.0	974.3	787.8	659.1	564.7	487.1	424.6	373.4	332.9
-25°	1727.5	1347.4	1057.2	860.6	707.6	603.5	530.8	467.6	411.2	362.0	324.8
-27.5°	1366.2	1094.0	907.3	754.8	642.6	565.8	503.4	447.2	396.9	353.5	316.6
-30°	1106.3	929.6	785.7	671.4	591.4	527.2	476.9	429.9	383.4	342.5	307.8
-32.5°	906.2	797.7	689.5	607.5	541.1	491.8	450.9	411.3	367.1	331.1	298.6
-35°	776.0	697.0	620.2	554.8	498.8	461.3	424.9	387.8	351.8	318.4	288.1
-37.5°	685.3	620.8	563.0	510.3	468.6	433.3	401.3	368.6	335.9	305.2	277.2
-40°	614.7	559.9	514.3	474.2	440.8	410.6	381.5	351.3	322.1	291.4	265.6
-42.5°	557.0	513.7	474.2	443.4	415.1	389.3	363.7	337.4	308.9	279.8	252.5
-45°	509.3	475.3	442.3	415.0	390.8	369.1	349.5	323.2	295.3	266.2	238.5
-47.5°	469.4	441.3	413.7	388.3	368.3	349.6	330.7	307.5	278.2	250.8	227.1
-50°	434.0	411.4	388.0	364.6	347.0	329.9	310.0	285.7	260.4	237.8	215.6
-52.5°	405.5	385.1	364.7	345.0	327.9	309.9	288.6	267.6	245.9	224.8	204.3
-55°	376.6	360.0	343.7	327.5	311.4	292.8	273.1	252.2	231.0	211.2	190.4
-57.5°	353.9	338.7	324.0	309.3	294.9	276.4	256.4	236.0	214.2	194.2	174.5
-60°	329.8	316.5	302.0	287.8	274.1	257.8	236.0	215.0	194.9	175.9	156.9
-62.5°	299.8	286.8	274.2	260.5	246.1	230.0	210.2	190.8	173.4	156.9	139.8
-65°	265.3	253.4	241.2	227.7	212.6	196.0	179.1	164.9	151.5	137.5	122.4
-67.5°	230.0	219.2	206.7	193.1	180.1	166.8	154.7	142.5	129.9	117.0	103.6
-70°	198.1	189.5	179.3	167.5	155.1	142.6	131.1	119.7	108.1	97.3	86.9
-72.5°	167.5	159.6	150.4	139.6	128.7	118.2	108.5	99.3	90.2	81.2	72.0
-75°	136.4	129.9	122.5	113.8	105.0	96.1	88.1	80.6	73.0	65.1	57.3
-77.5°	107.6	102.8	97.4	90.5	83.6	76.7	69.9	63.1	56.8	50.9	45.5
-80°	81.3	77.7	73.7	68.2	62.6	57.1	51.8	47.2	42.9	39.0	35.1
-82.5°	56.6	53.7	50.7	46.9	43.0	39.1	35.4	32.6	29.9	27.2	24.7
-85°	34.1	32.5	30.8	28.6	26.5	24.5	22.6	21.0	19.5	17.9	16.2
-87.5°	16.2	15.0	13.9	13.6	13.2	12.9	12.5	11.4	10.3	9.2	8.1
-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):

	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	0.3	0.1	0.0
72.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.4	0.8	0.8	0.2
70°	0.0	0.0	0.0	0.3	0.4	0.0	0.0	0.5	1.4	1.6	1.2
67.5°	0.0	0.0	0.0	0.8	1.3	1.1	0.3	0.6	1.5	2.4	2.1
65°	1.3	0.9	0.1	1.0	1.9	2.5	1.9	1.1	1.7	2.6	3.2
62.5°	2.2	2.9	2.2	1.6	2.1	3.0	3.5	2.4	2.0	2.7	3.6
60°	2.5	3.4	3.8	3.0	2.7	3.2	3.8	3.5	2.7	2.9	3.7
57.5°	6.7	4.3	4.3	4.1	3.4	3.5	3.8	3.8	3.4	3.2	3.8
55°	12.5	9.1	6.4	5.2	4.3	3.8	3.9	3.8	3.8	3.5	3.8
52.5°	21.8	15.8	11.6	7.8	5.8	4.3	4.3	3.8	3.8	3.7	3.8
50°	34.6	24.9	18.2	13.1	8.2	6.4	5.0	4.4	3.8	3.8	3.8
47.5°	50.7	37.2	26.6	19.2	13.5	8.7	6.8	5.3	3.8	3.8	3.8
45°	62.5	51.9	37.1	26.9	18.9	13.0	9.2	6.3	4.7	3.9	3.8
42.5°	74.2	64.6	50.5	34.4	26.0	18.0	11.7	8.5	5.8	4.2	3.9
40°	89.1	77.1	63.3	47.0	33.8	22.8	15.9	10.9	7.1	4.9	4.3
37.5°	104.4	91.0	76.0	59.0	42.7	30.3	20.2	13.5	8.9	6.2	4.6
35°	121.7	105.6	88.6	70.5	53.1	38.0	24.3	16.5	11.3	7.6	5.1
32.5°	139.1	119.5	100.3	81.7	62.9	45.9	30.1	20.5	13.6	9.1	5.6
30°	156.0	133.3	111.1	92.3	72.2	54.3	37.4	24.8	15.9	10.7	6.4
27.5°	171.3	146.8	121.5	101.9	81.5	62.1	44.7	29.4	18.0	12.3	7.6
25°	187.4	160.6	133.4	110.3	90.3	70.1	51.5	34.4	21.2	14.2	8.9
22.5°	205.6	174.5	144.9	118.0	99.5	77.8	58.0	40.2	25.1	15.9	10.1
20°	225.2	188.2	156.4	128.9	108.2	85.7	64.4	45.6	29.0	17.5	11.3
17.5°	245.3	203.3	170.4	141.3	116.7	93.1	70.6	50.6	33.0	19.1	12.5
15°	258.9	218.4	183.0	152.8	125.3	100.0	76.4	55.0	36.8	20.5	13.7
12.5°	270.3	231.4	194.0	163.6	133.7	106.3	81.8	59.0	40.6	22.5	14.8
10°	280.4	242.4	203.7	173.4	141.9	111.9	86.7	62.6	44.1	24.9	15.9
7.5°	289.1	251.4	212.0	182.3	149.7	117.7	90.9	65.7	47.2	27.4	16.8
5°	296.3	259.2	218.9	188.0	156.9	123.7	94.4	68.4	49.7	29.9	17.7
2.5°	302.2	266.3	224.8	192.2	163.1	129.2	97.3	70.8	51.8	32.3	18.4
0°	306.4	271.9	229.8	195.3	168.5	134.0	99.6	72.8	53.6	34.5	19.1
-2.5°	309.2	272.9	235.1	198.9	171.7	138.0	104.2	75.3	55.0	36.5	20.3
-5°	310.4	272.8	239.0	201.7	174.0	141.2	108.1	77.3	56.2	38.1	21.3
-7.5°	312.1	274.0	241.1	203.9	175.6	143.7	111.1	78.8	57.0	39.5	22.3
-10°	312.8	275.3	241.7	206.6	176.9	145.5	113.1	79.8	57.6	40.5	23.1
-12.5°	311.9	275.2	241.5	208.1	177.5	146.6	114.1	81.3	58.2	41.1	23.8
-15°	309.4	273.6	241.0	208.3	177.4	147.0	114.4	82.6	59.4	41.3	24.4
-17.5°	305.6	270.4	240.1	207.0	176.7	146.7	114.1	83.3	60.0	41.0	25.0
-20°	301.8	267.5	238.8	204.2	175.3	145.9	113.1	83.1	60.0	40.4	25.5

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REPORT NUMBER: P627198 (CONVERTED FROM TYPE C PHOTOMETRY)
CATALOG NUMBER: GFLD-SA3D-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°	296.8	264.8	234.6	201.4	173.4	144.6	111.5	82.2	59.3	39.5	25.8
-25°	290.5	260.6	229.7	199.3	171.0	141.9	109.7	80.3	57.9	38.3	25.9
-27.5°	284.2	255.0	224.6	196.3	167.7	138.6	107.2	78.6	55.9	36.7	25.8
-30°	276.9	248.7	220.1	192.2	163.0	133.9	103.7	76.0	53.9	36.0	25.5
-32.5°	268.9	242.4	215.1	186.1	157.2	128.7	99.2	72.4	51.5	35.5	25.3
-35°	260.9	235.3	209.0	178.4	150.9	123.1	94.6	67.8	48.7	34.8	24.9
-37.5°	251.4	226.5	199.1	170.1	144.2	117.1	90.4	65.2	45.7	33.8	24.5
-40°	240.6	215.8	187.8	162.4	137.1	110.6	85.8	62.8	43.7	32.5	23.9
-42.5°	228.6	203.7	178.7	154.5	129.7	105.2	81.1	59.8	42.9	31.5	23.2
-45°	216.1	192.8	170.3	146.3	122.2	99.5	77.1	56.5	41.6	30.5	22.5
-47.5°	204.5	183.6	161.1	137.6	115.7	93.7	72.4	54.4	39.7	29.5	21.7
-50°	194.7	173.5	150.9	128.7	108.1	87.7	67.6	51.6	38.2	28.4	20.8
-52.5°	183.4	162.0	139.9	118.8	99.9	81.1	63.5	48.2	36.1	26.9	19.6
-55°	170.0	148.7	127.5	109.1	91.4	74.8	58.7	44.7	33.4	25.3	18.3
-57.5°	154.2	133.6	116.2	99.4	82.9	67.8	53.3	40.5	30.9	23.5	16.9
-60°	138.1	121.4	105.5	89.1	73.9	60.2	47.2	36.2	28.5	21.4	15.2
-62.5°	123.7	108.4	92.8	77.9	64.5	52.1	40.9	33.0	25.7	19.2	13.5
-65°	107.6	93.2	79.2	66.9	55.0	44.6	36.7	29.4	22.8	16.9	11.9
-67.5°	90.3	78.8	67.0	55.8	47.0	39.4	32.2	25.6	19.7	14.3	10.9
-70°	76.3	65.5	55.9	47.9	40.6	33.8	27.5	21.6	16.3	12.8	9.9
-72.5°	63.0	54.6	47.0	40.2	33.9	28.0	22.5	17.7	14.2	11.2	8.7
-75°	50.2	44.1	38.2	32.3	27.0	22.1	18.5	15.0	12.0	9.5	7.6
-77.5°	40.2	34.8	29.4	25.2	21.9	18.6	15.2	12.0	10.0	8.3	6.5
-80°	30.9	27.2	23.9	21.0	18.0	15.0	12.4	10.2	8.6	7.0	5.4
-82.5°	22.2	20.2	18.5	16.8	14.5	12.3	10.4	8.6	7.2	5.8	4.2
-85°	15.2	14.2	13.3	12.6	11.0	9.6	7.9	6.5	5.1	3.9	2.9
-87.5°	7.8	7.4	7.0	6.6	5.7	4.8	4.0	3.2	2.6	2.0	1.4
-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):

	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	0.2	0.0
82.5°	0.0	0.0	0.0	0.0	0.0	0.3	0.0
80°	0.0	0.0	0.0	0.0	0.0	0.3	0.0
77.5°	0.0	0.1	0.0	0.0	0.0	0.4	0.0
75°	0.1	0.3	0.1	0.0	0.1	0.5	0.0
72.5°	0.2	0.6	0.4	0.0	0.1	0.6	0.0
70°	0.4	0.9	0.8	0.1	0.2	0.7	0.0
67.5°	1.3	1.2	1.1	0.4	0.2	0.8	0.0
65°	2.2	1.6	1.5	0.8	0.3	0.9	0.0
62.5°	3.0	2.2	1.9	1.2	0.4	1.0	0.0
60°	3.7	2.7	2.4	1.6	0.5	1.1	0.0
57.5°	3.8	3.1	2.7	2.0	0.8	1.2	0.0
55°	3.8	3.5	2.9	2.4	1.1	1.3	0.0
52.5°	3.8	3.8	3.2	2.8	1.4	1.4	0.0
50°	3.8	3.8	3.4	3.2	1.7	1.5	0.0
47.5°	3.8	3.8	3.5	3.6	2.0	1.6	0.0
45°	3.8	3.8	3.7	3.7	2.2	1.7	0.0
42.5°	3.8	3.8	3.8	3.8	2.4	1.9	0.0
40°	3.8	3.8	3.8	3.8	2.7	2.0	0.0
37.5°	3.8	3.8	3.8	3.8	2.8	2.1	0.0
35°	3.8	3.8	3.8	3.8	3.0	2.2	0.0
32.5°	3.9	3.8	3.8	3.8	3.2	2.3	0.0
30°	4.3	3.8	3.8	3.8	3.3	2.5	0.0
27.5°	4.8	3.8	3.8	3.8	3.4	2.6	0.0
25°	5.2	3.8	3.8	3.8	3.5	2.7	0.0
22.5°	5.7	3.9	3.8	3.8	3.6	2.8	0.0
20°	6.2	4.2	3.8	3.8	3.6	3.0	0.0
17.5°	6.9	4.5	3.8	3.8	3.7	3.1	0.0
15°	7.7	4.9	3.8	3.8	3.7	3.2	0.0
12.5°	8.4	5.3	3.8	3.8	3.8	3.3	0.0
10°	9.1	5.8	3.8	3.8	3.8	3.4	0.0
7.5°	9.8	6.3	3.8	3.8	3.8	3.5	0.0
5°	10.4	6.8	3.8	3.8	3.8	3.6	0.0
2.5°	11.0	7.3	3.8	3.8	3.8	3.7	0.0
0°	11.5	7.7	3.8	3.8	3.8	3.8	0.0
-2.5°	12.5	8.1	4.1	3.8	3.8	3.8	0.0
-5°	13.4	8.5	4.5	3.8	3.8	3.8	0.0
-7.5°	14.3	8.8	4.8	3.8	3.8	3.8	0.0
-10°	15.0	9.1	5.1	3.8	3.8	3.7	0.0
-12.5°	15.6	9.3	5.3	3.8	3.8	3.7	0.0
-15°	16.1	9.5	5.6	3.8	3.8	3.7	0.0
-17.5°	16.4	9.7	5.7	3.8	3.8	3.6	0.0
-20°	16.7	9.8	5.8	3.8	3.8	3.6	0.0

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CANDELA DISTRIBUTION (continued):

	75°	77.5°	80°	82.5°	85°	87.5°	90°
-22.5°	16.9	9.9	5.9	3.8	3.8	3.5	0.0
-25°	17.0	10.2	5.9	3.8	3.8	3.4	0.0
-27.5°	17.0	10.4	5.8	3.8	3.8	3.4	0.0
-30°	16.9	10.6	5.6	3.8	3.8	3.3	0.0
-32.5°	16.7	10.7	5.6	3.8	3.8	3.2	0.0
-35°	16.7	10.7	5.5	3.8	3.8	3.1	0.0
-37.5°	16.6	10.5	5.4	3.8	3.8	3.0	0.0
-40°	16.4	10.3	5.2	3.8	3.8	2.9	0.0
-42.5°	16.0	10.0	5.1	3.8	3.8	2.8	0.0
-45°	15.5	9.6	5.3	3.9	3.8	2.7	0.0
-47.5°	14.9	9.1	5.4	4.0	3.8	2.6	0.0
-50°	14.1	8.5	5.4	4.1	3.8	2.4	0.0
-52.5°	13.3	7.8	5.4	4.1	3.8	2.3	0.0
-55°	12.2	7.6	5.4	4.1	3.8	2.2	0.0
-57.5°	11.1	7.4	5.3	4.1	3.8	2.0	0.0
-60°	9.9	7.2	5.2	4.1	3.8	1.9	0.0
-62.5°	9.4	6.9	5.1	4.0	3.5	1.8	0.0
-65°	8.9	6.5	4.9	4.0	3.2	1.6	0.0
-67.5°	8.2	6.1	4.7	3.9	2.9	1.5	0.0
-70°	7.5	5.6	4.4	3.8	2.6	1.3	0.0
-72.5°	6.7	5.1	4.1	3.4	2.3	1.1	0.0
-75°	5.8	4.6	3.9	2.9	2.0	1.0	0.0
-77.5°	4.9	4.0	3.3	2.5	1.6	0.8	0.0
-80°	3.9	3.3	2.6	2.0	1.3	0.7	0.0
-82.5°	2.9	2.5	2.0	1.5	1.0	0.5	0.0
-85°	2.0	1.6	1.3	1.0	0.7	0.3	0.0
-87.5°	1.0	0.8	0.7	0.5	0.3	0.2	0.0
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0

(END OF REPORT)