

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



Scaled data based on original data using
LM-79-08 Approved Method: Electrical and Photometric Measurements of Solid-State
Lighting Products

Test Report Prepared for
Cooper Lighting Solutions
(formerly Eaton)

Brand: McGRAW-EDISON

Report Number: P627069 (CONVERTED FROM TYPE C PHOTOMETRY)

Luminaire Tested: **GFLD-SA3B-722-U-NR-XX**

Issue Date: 12/7/2022

Test Information

Test Method: LM-79-08
Report Number: P627069 (CONVERTED FROM TYPE C PHOTOMETRY)
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G2-2210-813-11)
Test Lab: COOPER LIGHTING SOLUTIONS
Issue Date: 12/7/2022
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: MCGRAW-EDISON
Catalog Number: GFLD-SA3B-722-U-NR-XX
Description: GALLEON FLOOD, THREE LIGHT SQAURE, NARROW SYMMETRICAL ROUND N57
Light Source: (48) 2200K CCT, 70 CRI LEDS
Ballast/Driver: -

Summary

Lumens per Lamp: N/A
Luminaire Lumens: 10565.4 lumens
Efficiency: N/A
Efficacy: 112.8 lumens/watt
Luminous Opening: Rectangular (W 1.5' x L: 0.5' x H: 0')

NEMA Type: 3H x 3V
Max Intensity: 99499.8 candela
Max Intensity Angle: 0°H x 0°V

Beam Angle (50%): 13.7°H x 13.6°V
Beam Lumens: 3123.7 lumens
Beam Efficiency: 29.6%

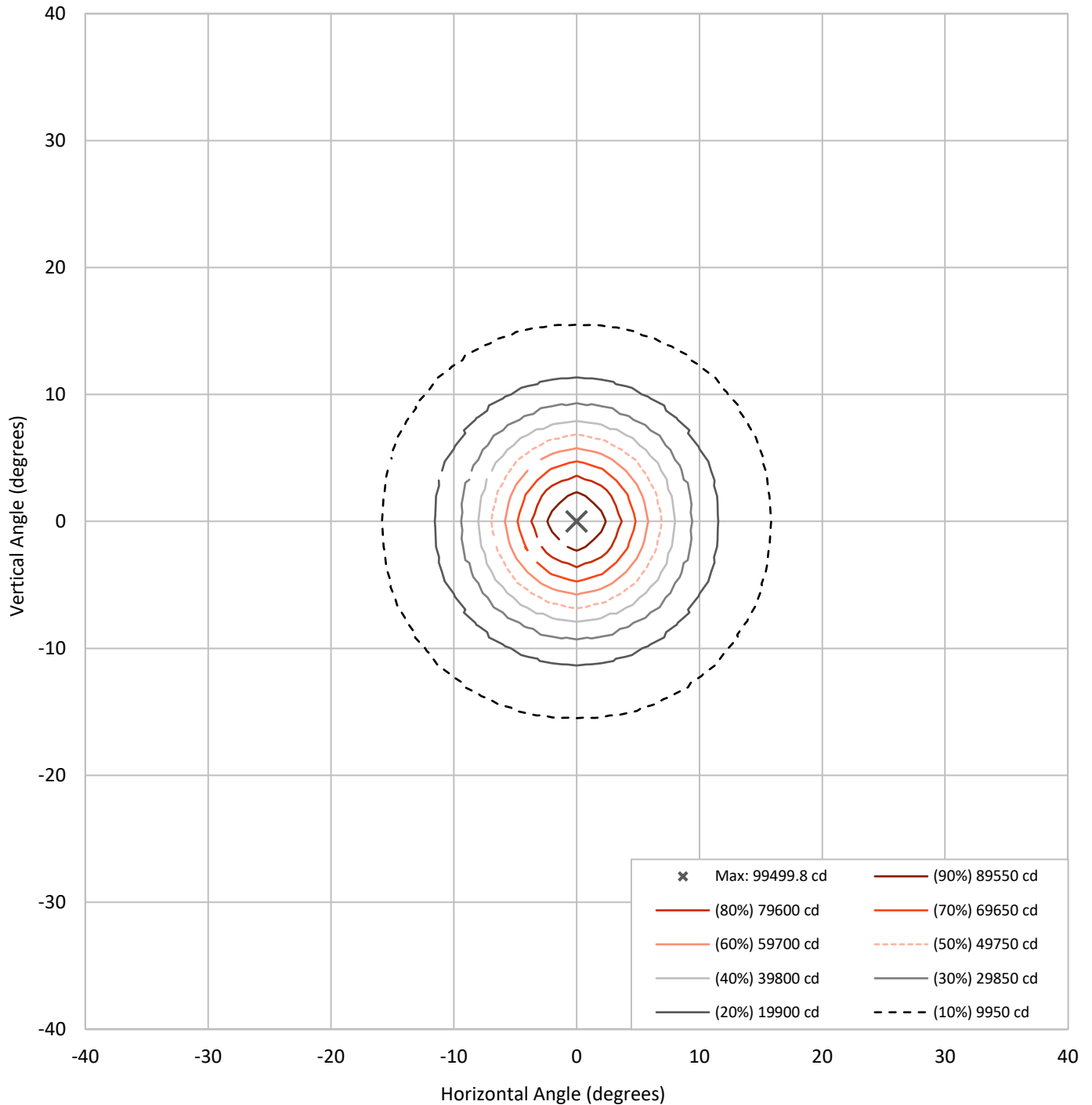
Field Angle (10%): 31.6°H x 30.6°V
Field Lumens: 7029.7 lumens
Field Efficiency: 66.5%

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: P627069 (CONVERTED FROM TYPE C PHOTOMETRY)
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Iso-Candela Plot





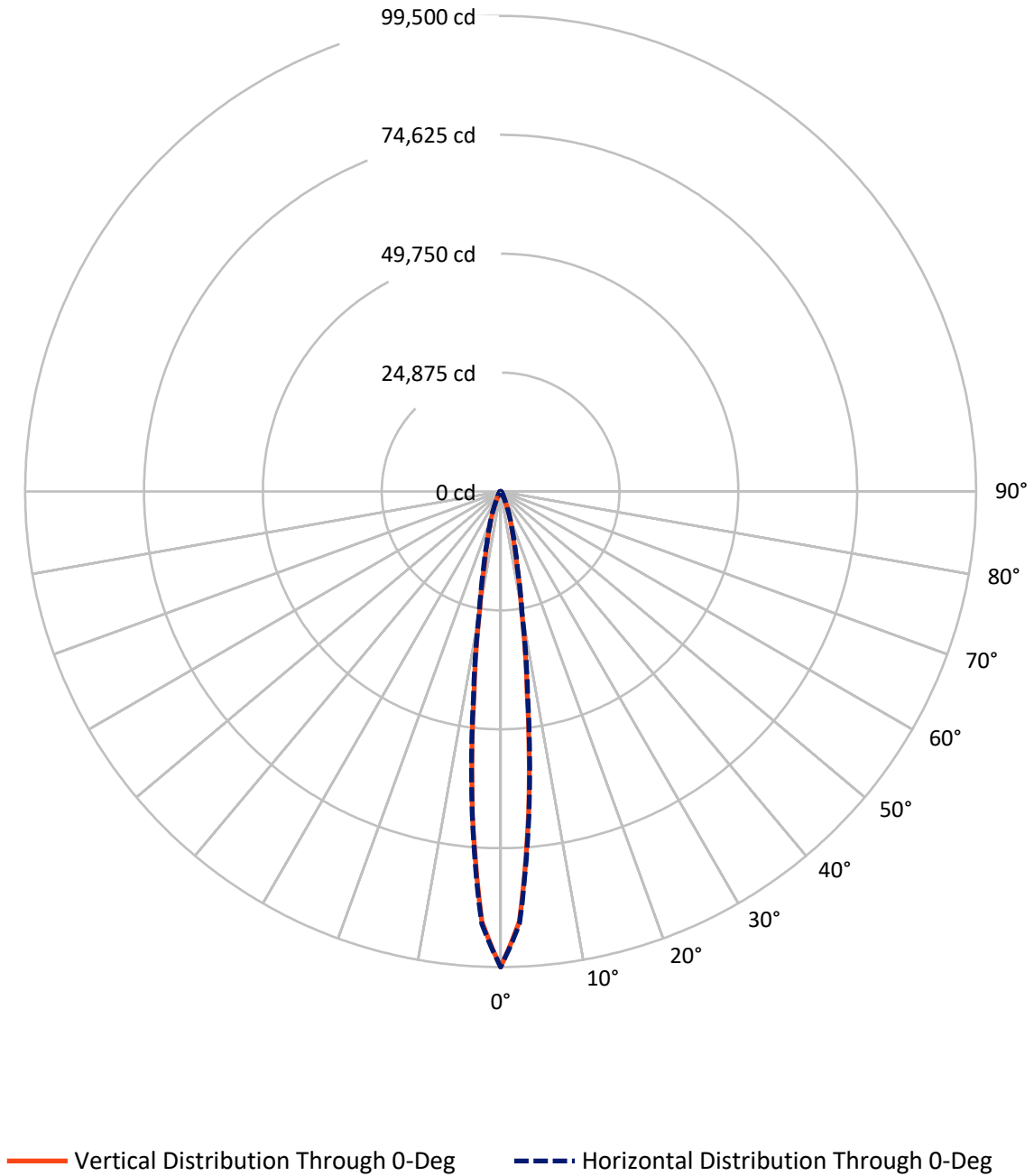
REPORT NUMBER: P627069 (CONVERTED FROM TYPE C PHOTOMETRY)
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Lumen Table

90	0.2	1.4	3.8	6.1	6.7	6.1	3.8	1.4	0.2										
80	0.2	1.4	3.8	6.1	6.7	6.1	3.8	1.4	0.2										
70	0.7	0.7	1.5	2.5	3.5	4.3	4.9	5.1	5.1	4.9	4.3	3.5	2.5	1.5	0.7	0.7			
60		1.1	2.3	3.7	5.0	6.1	6.8	7.1	7.1	6.8	6.1	5.0	3.7	2.3	1.1				
50	1.2	1.5	3.0	4.6	6.1	7.7	9.0	9.8	9.8	9.0	7.7	6.1	4.6	3.0	1.5	1.2			
40		1.8	3.5	5.3	7.5	10.8	15.2	18.9	18.9	15.2	10.8	7.5	5.3	3.5	1.8				
30	1.5	2.0	3.8	6.0	9.7	19.3	44.0	72.8	72.8	44.0	19.3	9.7	6.0	3.8	2.0	1.5			
20		2.1	4.0	6.6	12.9	41.0	145.6	313.5	313.5	145.6	41.0	12.9	6.6	4.0	2.1				
10	1.6	2.2	4.1	7.0	15.6	67.6	316.4	1366.9	1366.9	316.4	67.6	15.6	7.0	4.1	2.2	1.6			
0		2.2	4.1	7.0	15.6	67.6	316.4	1366.9	1366.9	316.4	67.6	15.6	7.0	4.1	2.2				
-10	1.5	2.1	4.0	6.6	12.9	41.0	145.6	313.5	313.5	145.6	41.0	12.9	6.6	4.0	2.1	1.5			
-20		2.0	3.8	6.0	9.7	19.3	44.0	72.8	72.8	44.0	19.3	9.7	6.0	3.8	2.0				
-30	1.2	1.8	3.5	5.3	7.5	10.8	15.2	18.9	18.9	15.2	10.8	7.5	5.3	3.5	1.8	1.2			
-40		1.5	3.0	4.6	6.1	7.7	9.0	9.8	9.8	9.0	7.7	6.1	4.6	3.0	1.5				
-50	0.7	1.1	2.3	3.7	5.0	6.1	6.8	7.1	7.1	6.8	6.1	5.0	3.7	2.3	1.1	0.7			
-60		0.7	1.5	2.5	3.5	4.3	4.9	5.1	5.1	4.9	4.3	3.5	2.5	1.5	0.7				
-70	0.2	1.4	3.8	6.1	6.7	6.1	3.8	1.4	0.2										
-80		0.2	1.4	3.8	6.1	6.7	6.1	3.8	1.4	0.2									
-90	0.2	1.4	3.8	6.1	6.7	6.1	3.8	1.4	0.2										
	-90	-80	-70	-60	-50	-40	-30	-20	-10	0	10	20	30	40	50	60	70	80	90

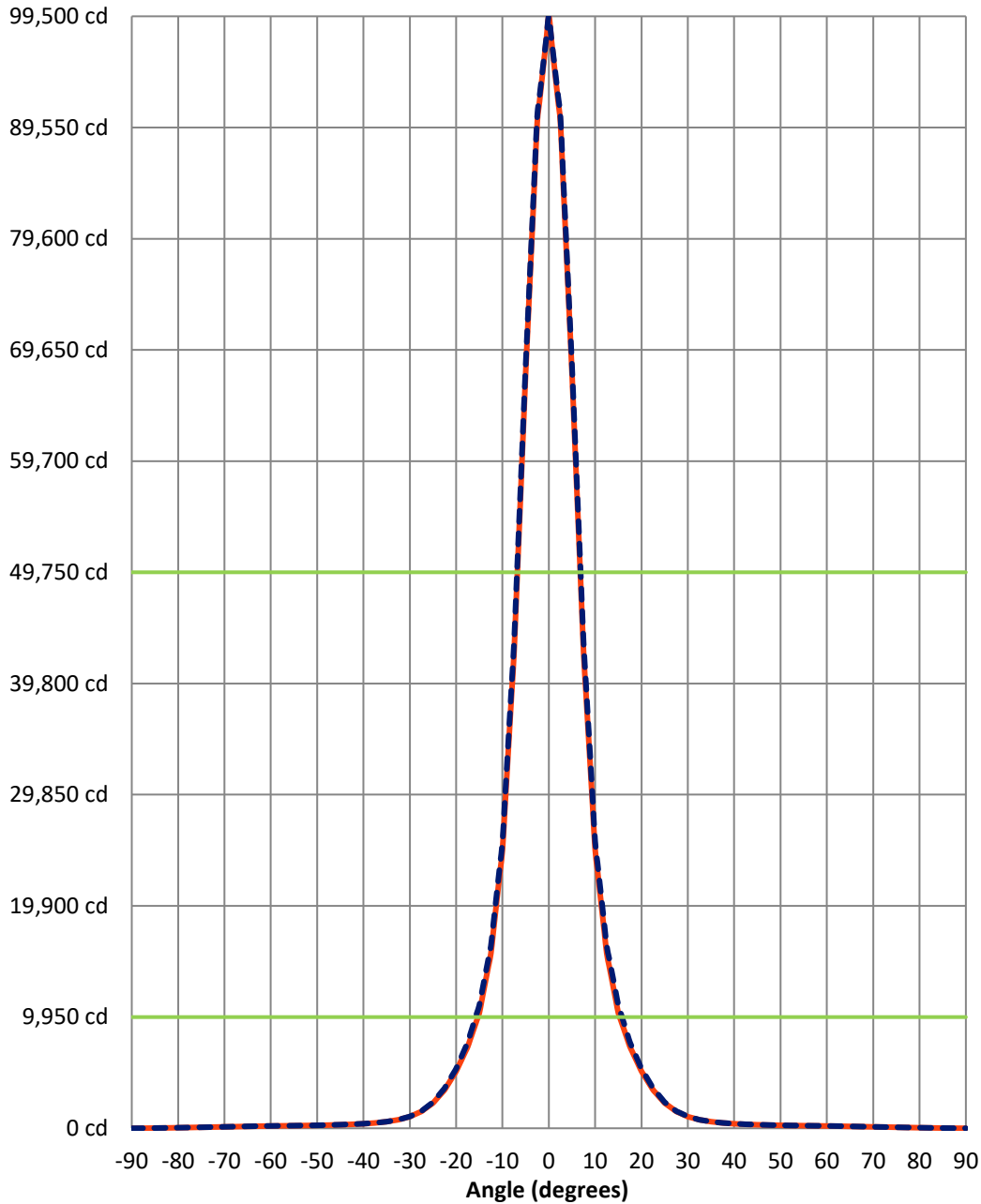
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Luminous Intensity Polar Plot



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Luminous Intensity Plot



Beam:
 H Angle: 13.7°
 V Angle: 13.6°
 Lumens: 3123.7
 Efficiency: 29.6%

Field:
 H Angle: 31.6°
 V Angle: 30.6°
 Lumens: 7029.7
 Efficiency: 66.5%

Spill:
 Lumens: 3535.7
 Efficiency: 33.5%

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

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FIELD
BEAM

CANDELA DISTRIBUTION:

	-90°	-87.5°	-85°	-82.5°	-80°	-77.5°	-75°	-72.5°	-70°	-67.5°	-65°
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
87.5°	0.0	0.3	0.7	1.1	1.5	1.8	2.2	2.6	2.9	3.3	3.6
85°	0.0	0.6	1.5	2.2	2.9	3.7	4.4	5.1	5.8	6.5	7.2
82.5°	0.0	1.0	2.2	3.3	4.4	5.5	6.6	7.6	8.8	10.4	11.9
80°	0.0	1.3	2.9	4.4	5.9	7.3	8.9	11.0	13.1	15.2	17.2
77.5°	0.0	1.6	3.7	5.5	7.3	9.4	12.1	14.8	17.4	20.0	22.8
75°	0.0	1.9	4.4	6.6	8.9	12.0	15.3	18.6	21.8	25.4	28.9
72.5°	0.0	2.2	5.0	7.6	10.8	14.5	18.4	22.4	26.7	30.9	35.0
70°	0.0	2.5	5.7	8.8	12.7	17.0	21.6	26.7	31.5	36.3	41.7
67.5°	0.0	2.8	6.4	10.1	14.6	19.4	25.1	30.9	36.3	42.5	48.6
65°	0.0	3.1	7.0	11.4	16.4	22.0	28.6	35.0	41.7	48.6	55.7
62.5°	0.0	3.4	7.6	12.7	18.2	24.9	32.1	39.5	47.1	54.7	63.7
60°	0.0	3.7	8.2	14.0	19.9	27.7	35.4	44.0	52.3	61.6	71.5
57.5°	0.0	3.9	9.0	15.2	22.0	30.4	39.1	48.5	57.9	68.3	79.0
55°	0.0	4.2	9.7	16.4	24.1	33.0	42.7	52.7	63.6	74.7	86.2
52.5°	0.0	4.4	10.5	17.5	26.2	35.6	46.3	57.3	69.0	80.9	93.2
50°	0.0	4.6	11.2	18.5	28.2	38.5	49.7	61.8	74.2	86.8	99.9
47.5°	0.0	4.8	11.9	19.7	30.1	41.2	53.0	66.1	79.1	92.4	106.4
45°	0.0	5.0	12.6	21.0	31.9	43.8	56.6	70.3	83.9	98.1	112.8
42.5°	0.0	5.2	13.2	22.3	33.6	46.3	60.0	74.2	88.4	103.7	119.0
40°	0.0	5.4	13.8	23.6	35.4	48.7	63.2	78.0	92.9	109.1	125.0
37.5°	0.0	5.6	14.4	24.8	37.2	51.0	66.3	81.6	97.3	114.1	130.8
35°	0.0	5.7	15.0	26.0	38.9	53.3	69.1	85.0	101.5	118.8	136.5
32.5°	0.0	5.9	15.5	27.1	40.5	55.5	71.8	88.1	105.3	123.3	141.3
30°	0.0	6.0	16.0	28.1	42.0	57.6	74.4	91.1	108.8	127.4	145.8
27.5°	0.0	6.1	16.5	29.0	43.4	59.5	76.7	94.0	112.0	131.2	149.8
25°	0.0	6.2	17.0	29.9	44.7	61.3	78.8	96.5	115.1	134.5	153.3
22.5°	0.0	6.3	17.4	30.7	45.9	62.9	80.7	98.8	117.8	137.4	156.4
20°	0.0	6.4	17.7	31.4	47.0	64.3	82.5	100.7	120.2	139.9	159.2
17.5°	0.0	6.4	18.1	32.0	48.0	65.4	83.9	102.4	122.3	141.9	161.6
15°	0.0	6.4	18.4	32.6	48.8	66.4	85.1	103.9	124.1	143.6	163.7
12.5°	0.0	6.5	18.6	33.0	49.6	67.2	86.0	105.3	125.6	145.0	165.5
10°	0.0	6.5	18.8	33.4	50.2	67.7	86.7	106.5	126.8	146.4	167.2
7.5°	0.0	6.5	19.0	33.7	50.6	68.1	87.2	107.4	127.6	147.6	169.2
5°	0.0	6.5	19.1	33.9	50.9	68.3	87.5	108.1	128.0	148.5	170.8
2.5°	0.0	6.4	19.2	34.1	51.1	68.3	87.6	108.6	128.1	149.0	172.0
0°	0.0	6.4	19.2	34.1	51.2	68.2	87.4	108.7	127.9	149.2	172.7
-2.5°	0.0	6.4	19.2	34.1	51.1	68.3	87.6	108.6	128.1	149.0	172.0
-5°	0.0	6.5	19.1	33.9	50.9	68.3	87.5	108.1	128.0	148.5	170.8
-7.5°	0.0	6.5	19.0	33.7	50.6	68.1	87.2	107.4	127.6	147.6	169.2
-10°	0.0	6.5	18.8	33.4	50.2	67.7	86.7	106.5	126.8	146.4	167.2
-12.5°	0.0	6.5	18.6	33.0	49.6	67.2	86.0	105.3	125.6	145.0	165.5
-15°	0.0	6.4	18.4	32.6	48.8	66.4	85.1	103.9	124.1	143.6	163.7
-17.5°	0.0	6.4	18.1	32.0	48.0	65.4	83.9	102.4	122.3	141.9	161.6
-20°	0.0	6.4	17.7	31.4	47.0	64.3	82.5	100.7	120.2	139.9	159.2

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CATALOG NUMBER: GFLD-SA3B-722-U-NR-XX

CANDELA DISTRIBUTION (continued):

	-90°	-87.5°	-85°	-82.5°	-80°	-77.5°	-75°	-72.5°	-70°	-67.5°	-65°
-22.5°	0.0	6.3	17.4	30.7	45.9	62.9	80.7	98.8	117.8	137.4	156.4
-25°	0.0	6.2	17.0	29.9	44.7	61.3	78.8	96.5	115.1	134.5	153.3
-27.5°	0.0	6.1	16.5	29.0	43.4	59.5	76.7	94.0	112.0	131.2	149.8
-30°	0.0	6.0	16.0	28.1	42.0	57.6	74.4	91.1	108.8	127.4	145.8
-32.5°	0.0	5.9	15.5	27.1	40.5	55.5	71.8	88.1	105.3	123.3	141.3
-35°	0.0	5.7	15.0	26.0	38.9	53.3	69.1	85.0	101.5	118.8	136.5
-37.5°	0.0	5.6	14.4	24.8	37.2	51.0	66.3	81.6	97.3	114.1	130.8
-40°	0.0	5.4	13.8	23.6	35.4	48.7	63.2	78.0	92.9	109.1	125.0
-42.5°	0.0	5.2	13.2	22.3	33.6	46.3	60.0	74.2	88.4	103.7	119.0
-45°	0.0	5.0	12.6	21.0	31.9	43.8	56.6	70.3	83.9	98.1	112.8
-47.5°	0.0	4.8	11.9	19.7	30.1	41.2	53.0	66.1	79.1	92.4	106.4
-50°	0.0	4.6	11.2	18.5	28.2	38.5	49.7	61.8	74.2	86.8	99.9
-52.5°	0.0	4.4	10.5	17.5	26.2	35.6	46.3	57.3	69.0	80.9	93.2
-55°	0.0	4.2	9.7	16.4	24.1	33.0	42.7	52.7	63.6	74.7	86.2
-57.5°	0.0	3.9	9.0	15.2	22.0	30.4	39.1	48.5	57.9	68.3	79.0
-60°	0.0	3.7	8.2	14.0	19.9	27.7	35.4	44.0	52.3	61.6	71.5
-62.5°	0.0	3.4	7.6	12.7	18.2	24.9	32.1	39.5	47.1	54.7	63.7
-65°	0.0	3.1	7.0	11.4	16.4	22.0	28.6	35.0	41.7	48.6	55.7
-67.5°	0.0	2.8	6.4	10.1	14.6	19.4	25.1	30.9	36.3	42.5	48.6
-70°	0.0	2.5	5.7	8.8	12.7	17.0	21.6	26.7	31.5	36.3	41.7
-72.5°	0.0	2.2	5.0	7.6	10.8	14.5	18.4	22.4	26.7	30.9	35.0
-75°	0.0	1.9	4.4	6.6	8.9	12.0	15.3	18.6	21.8	25.4	28.9
-77.5°	0.0	1.6	3.7	5.5	7.3	9.4	12.1	14.8	17.4	20.0	22.8
-80°	0.0	1.3	2.9	4.4	5.9	7.3	8.9	11.0	13.1	15.2	17.2
-82.5°	0.0	1.0	2.2	3.3	4.4	5.5	6.6	7.6	8.8	10.4	11.9
-85°	0.0	0.6	1.5	2.2	2.9	3.7	4.4	5.1	5.8	6.5	7.2
-87.5°	0.0	0.3	0.7	1.1	1.5	1.8	2.2	2.6	2.9	3.3	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



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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°	3.9	4.2	4.6	4.9	5.2	5.5	5.7	6.0	6.3	6.5	6.7
85°	7.8	8.5	9.4	10.4	11.2	11.9	12.4	12.9	13.8	14.7	15.7
82.5°	13.4	14.9	16.3	17.7	18.6	19.4	20.2	21.3	23.1	24.9	26.6
80°	19.2	21.2	23.4	25.6	27.4	29.3	31.2	33.2	35.2	37.2	39.1
77.5°	25.7	28.5	31.3	34.0	36.7	39.6	42.4	45.1	47.7	50.2	52.5
75°	32.4	35.8	39.6	43.3	46.9	50.4	53.8	57.5	61.0	64.3	67.5
72.5°	39.5	44.0	48.5	52.8	57.5	62.1	66.5	70.8	74.9	79.3	83.9
70°	47.1	52.3	58.0	63.6	68.8	74.3	79.7	84.4	88.9	94.9	101.0
67.5°	54.8	61.8	68.3	74.6	81.5	88.0	93.6	99.5	105.9	112.8	118.8
65°	63.9	71.6	79.1	87.0	95.0	101.7	108.7	116.1	123.4	130.3	136.8
62.5°	72.9	81.5	90.3	98.9	107.1	115.1	123.6	131.8	139.8	147.8	154.9
60°	81.6	91.4	100.6	109.6	118.9	128.9	138.3	147.4	157.0	166.0	170.8
57.5°	90.0	100.4	110.1	120.2	131.2	142.5	152.2	162.6	170.8	177.1	183.2
55°	97.9	108.7	119.3	130.7	142.6	154.3	165.2	174.4	182.0	187.8	194.3
52.5°	105.3	116.7	128.2	140.6	153.3	165.8	177.2	185.8	192.6	198.5	204.6
50°	112.6	124.6	136.7	150.3	163.9	177.2	188.3	196.3	202.7	208.7	215.0
47.5°	119.7	132.3	145.3	159.8	174.5	187.4	198.0	205.2	211.7	218.8	225.7
45°	126.7	140.3	154.1	169.7	184.5	196.9	205.9	213.1	221.1	228.8	236.2
42.5°	133.5	148.2	163.2	179.4	193.7	204.8	213.2	221.8	230.4	238.5	246.8
40°	140.4	155.8	171.7	187.8	202.1	211.8	220.7	229.9	239.3	248.2	257.4
37.5°	147.0	162.9	179.4	195.6	208.6	218.4	227.6	237.8	247.8	257.5	269.5
35°	153.3	169.4	186.0	201.7	214.2	224.3	234.7	245.4	255.8	268.4	282.1
32.5°	158.9	175.3	192.1	206.6	219.0	229.9	241.4	252.6	265.2	279.4	295.9
30°	163.6	180.4	197.2	211.5	223.5	235.0	247.6	259.9	274.6	291.8	311.3
27.5°	167.7	185.0	201.3	215.6	227.9	239.3	252.5	268.1	285.0	304.2	327.1
25°	171.6	189.6	205.2	219.4	231.3	243.3	257.4	274.7	295.0	318.1	346.2
22.5°	175.3	194.1	209.1	223.0	234.0	247.0	262.9	281.7	303.8	330.8	365.0
20°	178.8	197.4	212.3	225.8	236.0	250.2	267.7	287.8	312.9	345.1	384.7
17.5°	182.0	200.2	214.8	227.5	238.7	253.6	271.9	292.8	320.8	358.1	402.8
15°	185.0	202.6	216.8	228.8	241.1	257.2	276.4	298.9	329.5	370.5	418.8
12.5°	187.5	204.6	218.3	229.9	243.0	260.1	280.3	305.3	338.9	382.7	439.1
10°	189.8	206.0	219.4	230.6	244.4	262.3	283.6	310.5	346.4	392.2	454.7
7.5°	191.7	207.2	220.1	231.0	245.4	263.9	286.2	314.5	351.7	398.9	466.0
5°	193.0	208.2	221.0	232.3	246.8	265.1	288.0	317.2	354.7	402.9	473.0
2.5°	193.8	208.7	221.5	233.6	248.3	266.2	289.4	320.2	357.2	406.8	478.4
0°	194.0	208.9	221.7	234.5	249.4	266.5	289.9	321.9	358.1	409.3	481.8
-2.5°	193.8	208.7	221.5	233.6	248.3	266.2	289.4	320.2	357.2	406.8	478.4
-5°	193.0	208.2	221.0	232.3	246.8	265.1	288.0	317.2	354.7	402.9	473.0
-7.5°	191.7	207.2	220.1	231.0	245.4	263.9	286.2	314.5	351.7	398.9	466.0
-10°	189.8	206.0	219.4	230.6	244.4	262.3	283.6	310.5	346.4	392.2	454.7
-12.5°	187.5	204.6	218.3	229.9	243.0	260.1	280.3	305.3	338.9	382.7	439.1
-15°	185.0	202.6	216.8	228.8	241.1	257.2	276.4	298.9	329.5	370.5	418.8
-17.5°	182.0	200.2	214.8	227.5	238.7	253.6	271.9	292.8	320.8	358.1	402.8
-20°	178.8	197.4	212.3	225.8	236.0	250.2	267.7	287.8	312.9	345.1	384.7

Classified

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

Scaled Data Report



REPORT NUMBER: P627069 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA3B-722-U-NR-XX

CANDELA DISTRIBUTION (continued):

	-62.5°	-60°	-57.5°	-55°	-52.5°	-50°	-47.5°	-45°	-42.5°	-40°	-37.5°
-22.5°	175.3	194.1	209.1	223.0	234.0	247.0	262.9	281.7	303.8	330.8	365.0
-25°	171.6	189.6	205.2	219.4	231.3	243.3	257.4	274.7	295.0	318.1	346.2
-27.5°	167.7	185.0	201.3	215.6	227.9	239.3	252.5	268.1	285.0	304.2	327.1
-30°	163.6	180.4	197.2	211.5	223.5	235.0	247.6	259.9	274.6	291.8	311.3
-32.5°	158.9	175.3	192.1	206.6	219.0	229.9	241.4	252.6	265.2	279.4	295.9
-35°	153.3	169.4	186.0	201.7	214.2	224.3	234.7	245.4	255.8	268.4	282.1
-37.5°	147.0	162.9	179.4	195.6	208.6	218.4	227.6	237.8	247.8	257.5	269.5
-40°	140.4	155.8	171.7	187.8	202.1	211.8	220.7	229.9	239.3	248.2	257.4
-42.5°	133.5	148.2	163.2	179.4	193.7	204.8	213.2	221.8	230.4	238.5	246.8
-45°	126.7	140.3	154.1	169.7	184.5	196.9	205.9	213.1	221.1	228.8	236.2
-47.5°	119.7	132.3	145.3	159.8	174.5	187.4	198.0	205.2	211.7	218.8	225.7
-50°	112.6	124.6	136.7	150.3	163.9	177.2	188.3	196.3	202.7	208.7	215.0
-52.5°	105.3	116.7	128.2	140.6	153.3	165.8	177.2	185.8	192.6	198.5	204.6
-55°	97.9	108.7	119.3	130.7	142.6	154.3	165.2	174.4	182.0	187.8	194.3
-57.5°	90.0	100.4	110.1	120.2	131.2	142.5	152.2	162.6	170.8	177.1	183.2
-60°	81.6	91.4	100.6	109.6	118.9	128.9	138.3	147.4	157.0	166.0	170.8
-62.5°	72.9	81.5	90.3	98.9	107.1	115.1	123.6	131.8	139.8	147.8	154.9
-65°	63.9	71.6	79.1	87.0	95.0	101.7	108.7	116.1	123.4	130.3	136.8
-67.5°	54.8	61.8	68.3	74.6	81.5	88.0	93.6	99.5	105.9	112.8	118.8
-70°	47.1	52.3	58.0	63.6	68.8	74.3	79.7	84.4	88.9	94.9	101.0
-72.5°	39.5	44.0	48.5	52.8	57.5	62.1	66.5	70.8	74.9	79.3	83.9
-75°	32.4	35.8	39.6	43.3	46.9	50.4	53.8	57.5	61.0	64.3	67.5
-77.5°	25.7	28.5	31.3	34.0	36.7	39.6	42.4	45.1	47.7	50.2	52.5
-80°	19.2	21.2	23.4	25.6	27.4	29.3	31.2	33.2	35.2	37.2	39.1
-82.5°	13.4	14.9	16.3	17.7	18.6	19.4	20.2	21.3	23.1	24.9	26.6
-85°	7.8	8.5	9.4	10.4	11.2	11.9	12.4	12.9	13.8	14.7	15.7
-87.5°	3.9	4.2	4.6	4.9	5.2	5.5	5.7	6.0	6.3	6.5	6.7
-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: P627069 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA3B-722-U-NR-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°	7.0	7.2	7.4	7.5	7.7	7.9	8.0	8.1	8.2	7.8	7.3
85°	16.6	17.3	17.9	18.4	18.9	19.3	19.8	20.1	20.4	20.2	19.9
82.5°	28.1	29.2	30.2	31.1	32.0	32.8	33.5	34.1	34.7	34.6	34.5
80°	40.8	42.7	44.5	46.3	48.1	49.2	50.0	50.6	51.0	51.2	51.2
77.5°	54.9	57.8	60.7	63.6	66.4	68.1	69.2	70.2	71.0	71.1	71.0
75°	70.5	74.2	78.2	81.7	84.7	86.6	87.9	89.0	89.9	90.1	90.0
72.5°	88.6	93.1	96.7	99.7	102.2	104.3	105.9	107.3	108.4	108.9	108.9
70°	106.4	110.8	114.3	117.3	119.8	121.9	123.9	125.6	126.9	128.0	128.7
67.5°	124.4	129.5	133.0	135.8	137.9	140.1	142.7	145.0	146.9	148.1	148.8
65°	143.0	148.2	151.6	154.6	157.2	160.0	162.9	165.0	166.4	167.3	167.9
62.5°	160.9	165.8	170.1	174.0	177.9	181.0	183.0	184.8	186.3	187.6	188.5
60°	176.3	182.5	187.3	191.2	194.9	198.5	200.9	202.8	204.3	205.4	206.1
57.5°	189.5	195.8	201.5	205.2	209.2	213.5	216.3	217.9	219.4	220.7	221.3
55°	201.0	206.8	212.1	217.1	221.6	225.5	228.5	230.7	232.5	234.0	234.5
52.5°	211.3	217.7	223.8	229.2	233.6	237.3	240.3	243.0	245.1	246.5	247.1
50°	222.2	229.1	235.6	241.4	246.0	250.1	253.9	257.1	260.1	262.5	264.3
47.5°	232.9	240.2	247.4	253.8	259.3	265.3	270.7	275.3	279.8	283.4	285.9
45°	243.6	252.1	259.9	268.2	275.7	283.5	290.9	297.2	303.7	308.5	311.8
42.5°	255.6	265.2	274.6	285.0	295.1	305.4	316.5	326.3	334.0	341.1	346.9
40°	268.4	279.4	291.8	304.5	319.4	332.9	347.8	360.6	372.1	384.3	394.0
37.5°	282.1	295.9	312.1	329.1	348.4	366.9	386.3	405.4	422.1	441.7	456.7
35°	297.3	315.6	335.6	358.5	382.6	409.1	435.7	466.3	492.7	521.8	547.2
32.5°	315.2	337.1	363.2	393.5	424.4	464.6	502.2	551.1	593.4	639.5	686.0
30°	333.5	362.2	396.0	434.1	483.2	538.5	600.2	672.9	747.9	820.5	908.0
27.5°	356.3	390.9	431.8	487.6	559.8	634.6	740.7	849.9	987.7	1101.6	1262.4
25°	380.1	420.7	478.9	554.7	649.0	778.8	939.7	1114.2	1356.7	1569.7	1819.6
22.5°	405.9	460.8	533.1	626.7	769.6	968.9	1212.6	1541.0	1898.7	2278.5	2656.2
20°	432.8	499.2	594.0	729.7	925.7	1195.6	1614.0	2121.1	2632.1	3258.6	3813.5
17.5°	463.9	548.5	665.3	834.9	1096.5	1509.9	2090.4	2798.3	3591.0	4491.9	5291.8
15°	489.9	590.7	738.1	975.5	1335.3	1866.2	2598.2	3572.0	4763.2	5973.1	7200.7
12.5°	520.0	636.6	809.7	1092.8	1544.7	2250.2	3246.6	4479.2	5966.9	7645.1	9623.5
10°	546.7	681.7	896.9	1247.3	1799.5	2650.7	3860.0	5342.9	7262.8	9677.4	12741.1
7.5°	566.5	717.5	964.2	1364.8	2019.8	3035.8	4439.6	6288.7	8728.3	11916.7	16121.4
5°	579.4	743.5	1011.8	1455.6	2192.3	3322.5	4864.3	6959.5	9902.7	14412.2	21532.2
2.5°	587.1	758.9	1038.9	1508.8	2297.1	3512.4	5187.5	7466.7	10663.8	15954.4	25012.3
0°	590.5	763.2	1055.2	1537.0	2332.2	3585.7	5335.9	7697.9	11004.4	16314.7	25624.3
-2.5°	587.1	758.9	1038.9	1508.8	2297.1	3512.4	5187.5	7466.7	10663.8	15954.4	25012.3
-5°	579.4	743.5	1011.8	1455.6	2192.3	3322.5	4864.3	6959.5	9902.7	14412.2	21532.2
-7.5°	566.5	717.5	964.2	1364.8	2019.8	3035.8	4439.6	6288.7	8728.3	11916.7	16121.4
-10°	546.7	681.7	896.9	1247.3	1799.5	2650.7	3860.0	5342.9	7262.8	9677.4	12741.1
-12.5°	520.0	636.6	809.7	1092.8	1544.7	2250.2	3246.6	4479.2	5966.9	7645.1	9623.5
-15°	489.9	590.7	738.1	975.5	1335.3	1866.2	2598.2	3572.0	4763.2	5973.1	7200.7
-17.5°	463.9	548.5	665.3	834.9	1096.5	1509.9	2090.4	2798.3	3591.0	4491.9	5291.8
-20°	432.8	499.2	594.0	729.7	925.7	1195.6	1614.0	2121.1	2632.1	3258.6	3813.5

Classified

Cooper Lighting Solutions Photometric Lab
1121 Highway 74 South
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Scaled Data Report



REPORT NUMBER: P627069 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA3B-722-U-NR-XX

CANDELA DISTRIBUTION (continued):

	-35°	-32.5°	-30°	-27.5°	-25°	-22.5°	-20°	-17.5°	-15°	-12.5°	-10°
-22.5°	405.9	460.8	533.1	626.7	769.6	968.9	1212.6	1541.0	1898.7	2278.5	2656.2
-25°	380.1	420.7	478.9	554.7	649.0	778.8	939.7	1114.2	1356.7	1569.7	1819.6
-27.5°	356.3	390.9	431.8	487.6	559.8	634.6	740.7	849.9	987.7	1101.6	1262.4
-30°	333.5	362.2	396.0	434.1	483.2	538.5	600.2	672.9	747.9	820.5	908.0
-32.5°	315.2	337.1	363.2	393.5	424.4	464.6	502.2	551.1	593.4	639.5	686.0
-35°	297.3	315.6	335.6	358.5	382.6	409.1	435.7	466.3	492.7	521.8	547.2
-37.5°	282.1	295.9	312.1	329.1	348.4	366.9	386.3	405.4	422.1	441.7	456.7
-40°	268.4	279.4	291.8	304.5	319.4	332.9	347.8	360.6	372.1	384.3	394.0
-42.5°	255.6	265.2	274.6	285.0	295.1	305.4	316.5	326.3	334.0	341.1	346.9
-45°	243.6	252.1	259.9	268.2	275.7	283.5	290.9	297.2	303.7	308.5	311.8
-47.5°	232.9	240.2	247.4	253.8	259.3	265.3	270.7	275.3	279.8	283.4	285.9
-50°	222.2	229.1	235.6	241.4	246.0	250.1	253.9	257.1	260.1	262.5	264.3
-52.5°	211.3	217.7	223.8	229.2	233.6	237.3	240.3	243.0	245.1	246.5	247.1
-55°	201.0	206.8	212.1	217.1	221.6	225.5	228.5	230.7	232.5	234.0	234.5
-57.5°	189.5	195.8	201.5	205.2	209.2	213.5	216.3	217.9	219.4	220.7	221.3
-60°	176.3	182.5	187.3	191.2	194.9	198.5	200.9	202.8	204.3	205.4	206.1
-62.5°	160.9	165.8	170.1	174.0	177.9	181.0	183.0	184.8	186.3	187.6	188.5
-65°	143.0	148.2	151.6	154.6	157.2	160.0	162.9	165.0	166.4	167.3	167.9
-67.5°	124.4	129.5	133.0	135.8	137.9	140.1	142.7	145.0	146.9	148.1	148.8
-70°	106.4	110.8	114.3	117.3	119.8	121.9	123.9	125.6	126.9	128.0	128.7
-72.5°	88.6	93.1	96.7	99.7	102.2	104.3	105.9	107.3	108.4	108.9	108.9
-75°	70.5	74.2	78.2	81.7	84.7	86.6	87.9	89.0	89.9	90.1	90.0
-77.5°	54.9	57.8	60.7	63.6	66.4	68.1	69.2	70.2	71.0	71.1	71.0
-80°	40.8	42.7	44.5	46.3	48.1	49.2	50.0	50.6	51.0	51.2	51.2
-82.5°	28.1	29.2	30.2	31.1	32.0	32.8	33.5	34.1	34.7	34.6	34.5
-85°	16.6	17.3	17.9	18.4	18.9	19.3	19.8	20.1	20.4	20.2	19.9
-87.5°	7.0	7.2	7.4	7.5	7.7	7.9	8.0	8.1	8.2	7.8	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: P627069 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA3B-722-U-NR-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°	6.9	6.4	6.4	6.4	6.4	6.4	6.9	7.3	7.8	8.2	8.1
85°	19.5	19.1	19.2	19.2	19.2	19.1	19.5	19.9	20.2	20.4	20.1
82.5°	34.3	33.9	34.1	34.1	34.1	33.9	34.3	34.5	34.6	34.7	34.1
80°	51.2	51.0	50.1	49.0	50.1	51.0	51.2	51.2	51.2	51.0	50.6
77.5°	70.6	70.0	69.2	68.2	69.2	70.0	70.6	71.0	71.1	71.0	70.2
75°	89.7	89.1	89.4	89.5	89.4	89.1	89.7	90.0	90.1	89.9	89.0
72.5°	108.7	108.3	108.6	108.7	108.6	108.3	108.7	108.9	108.9	108.4	107.3
70°	129.2	129.4	128.9	127.9	128.9	129.4	129.2	128.7	128.0	126.9	125.6
67.5°	148.9	148.7	148.1	147.1	148.1	148.7	148.9	148.8	148.1	146.9	145.0
65°	168.1	167.8	168.2	168.4	168.2	167.8	168.1	167.9	167.3	166.4	165.0
62.5°	189.0	189.0	188.6	187.6	188.6	189.0	189.0	188.5	187.6	186.3	184.8
60°	206.4	206.3	205.7	204.7	205.7	206.3	206.4	206.1	205.4	204.3	202.8
57.5°	221.5	221.3	220.6	219.6	220.6	221.3	221.5	221.3	220.7	219.4	217.9
55°	234.5	234.2	233.5	232.4	233.5	234.2	234.5	234.5	234.0	232.5	230.7
52.5°	247.3	247.0	247.1	247.3	247.1	247.0	247.3	247.1	246.5	245.1	243.0
50°	265.4	265.7	265.4	264.3	265.4	265.7	265.4	264.3	262.5	260.1	257.1
47.5°	287.1	287.2	286.7	285.7	286.7	287.2	287.1	285.9	283.4	279.8	275.3
45°	314.4	315.9	316.3	315.5	316.3	315.9	314.4	311.8	308.5	303.7	297.2
42.5°	351.4	353.8	354.5	353.9	354.5	353.8	351.4	346.9	341.1	334.0	326.3
40°	400.0	402.7	403.3	402.9	403.3	402.7	400.0	394.0	384.3	372.1	360.6
37.5°	467.3	474.0	477.2	477.5	477.2	474.0	467.3	456.7	441.7	422.1	405.4
35°	566.5	579.9	587.0	590.5	587.0	579.9	566.5	547.2	521.8	492.7	466.3
32.5°	721.2	748.0	762.9	761.1	762.9	748.0	721.2	686.0	639.5	593.4	551.1
30°	974.0	1020.8	1044.4	1038.2	1044.4	1020.8	974.0	908.0	820.5	747.9	672.9
27.5°	1377.8	1462.5	1511.5	1505.1	1511.5	1462.5	1377.8	1262.4	1101.6	987.7	849.9
25°	2028.5	2183.1	2282.1	2257.6	2282.1	2183.1	2028.5	1819.6	1569.7	1356.7	1114.2
22.5°	3018.3	3280.2	3453.6	3432.2	3453.6	3280.2	3018.3	2656.2	2278.5	1898.7	1541.0
20°	4376.0	4774.7	5059.4	5097.1	5059.4	4774.7	4376.0	3813.5	3258.6	2632.1	2121.1
17.5°	6155.8	6787.9	7228.0	7301.4	7228.0	6787.9	6155.8	5291.8	4491.9	3591.0	2798.3
15°	8468.7	9502.0	10249.8	10311.5	10249.8	9502.0	8468.7	7200.7	5973.1	4763.2	3572.0
12.5°	11609.5	13687.7	15044.0	15641.0	15044.0	13687.7	11609.5	9623.5	7645.1	5966.9	4479.2
10°	15956.1	20729.5	23786.5	24935.7	23786.5	20729.5	15956.1	12741.1	9677.4	7262.8	5342.9
7.5°	23216.2	30710.7	39042.4	42593.5	39042.4	30710.7	23216.2	16121.4	11916.7	8728.3	6288.7
5°	31437.8	46991.6	61786.1	67563.3	61786.1	46991.6	31437.8	21532.2	14412.2	9902.7	6959.5
2.5°	40089.0	61768.8	82084.3	90029.3	82084.3	61768.8	40089.0	25012.3	15954.4	10663.8	7466.7
0°	43467.5	68239.0	90591.0	99499.8	90591.0	68239.0	43467.5	25624.3	16314.7	11004.4	7697.9
-2.5°	40089.0	61768.8	82084.3	90029.3	82084.3	61768.8	40089.0	25012.3	15954.4	10663.8	7466.7
-5°	31437.8	46991.6	61786.1	67563.3	61786.1	46991.6	31437.8	21532.2	14412.2	9902.7	6959.5
-7.5°	23216.2	30710.7	39042.4	42593.5	39042.4	30710.7	23216.2	16121.4	11916.7	8728.3	6288.7
-10°	15956.1	20729.5	23786.5	24935.7	23786.5	20729.5	15956.1	12741.1	9677.4	7262.8	5342.9
-12.5°	11609.5	13687.7	15044.0	15641.0	15044.0	13687.7	11609.5	9623.5	7645.1	5966.9	4479.2
-15°	8468.7	9502.0	10249.8	10311.5	10249.8	9502.0	8468.7	7200.7	5973.1	4763.2	3572.0
-17.5°	6155.8	6787.9	7228.0	7301.4	7228.0	6787.9	6155.8	5291.8	4491.9	3591.0	2798.3
-20°	4376.0	4774.7	5059.4	5097.1	5059.4	4774.7	4376.0	3813.5	3258.6	2632.1	2121.1



REPORT NUMBER: P627069 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA3B-722-U-NR-XX

CANDELA DISTRIBUTION (continued):

	-7.5°	-5°	-2.5°	0°	2.5°	5°	7.5°	10°	12.5°	15°	17.5°
-22.5°	3018.3	3280.2	3453.6	3432.2	3453.6	3280.2	3018.3	2656.2	2278.5	1898.7	1541.0
-25°	2028.5	2183.1	2282.1	2257.6	2282.1	2183.1	2028.5	1819.6	1569.7	1356.7	1114.2
-27.5°	1377.8	1462.5	1511.5	1505.1	1511.5	1462.5	1377.8	1262.4	1101.6	987.7	849.9
-30°	974.0	1020.8	1044.4	1038.2	1044.4	1020.8	974.0	908.0	820.5	747.9	672.9
-32.5°	721.2	748.0	762.9	761.1	762.9	748.0	721.2	686.0	639.5	593.4	551.1
-35°	566.5	579.9	587.0	590.5	587.0	579.9	566.5	547.2	521.8	492.7	466.3
-37.5°	467.3	474.0	477.2	477.5	477.2	474.0	467.3	456.7	441.7	422.1	405.4
-40°	400.0	402.7	403.3	402.9	403.3	402.7	400.0	394.0	384.3	372.1	360.6
-42.5°	351.4	353.8	354.5	353.9	354.5	353.8	351.4	346.9	341.1	334.0	326.3
-45°	314.4	315.9	316.3	315.5	316.3	315.9	314.4	311.8	308.5	303.7	297.2
-47.5°	287.1	287.2	286.7	285.7	286.7	287.2	287.1	285.9	283.4	279.8	275.3
-50°	265.4	265.7	265.4	264.3	265.4	265.7	265.4	264.3	262.5	260.1	257.1
-52.5°	247.3	247.0	247.1	247.3	247.1	247.0	247.3	247.1	246.5	245.1	243.0
-55°	234.5	234.2	233.5	232.4	233.5	234.2	234.5	234.5	234.0	232.5	230.7
-57.5°	221.5	221.3	220.6	219.6	220.6	221.3	221.5	221.3	220.7	219.4	217.9
-60°	206.4	206.3	205.7	204.7	205.7	206.3	206.4	206.1	205.4	204.3	202.8
-62.5°	189.0	189.0	188.6	187.6	188.6	189.0	189.0	188.5	187.6	186.3	184.8
-65°	168.1	167.8	168.2	168.4	168.2	167.8	168.1	167.9	167.3	166.4	165.0
-67.5°	148.9	148.7	148.1	147.1	148.1	148.7	148.9	148.8	148.1	146.9	145.0
-70°	129.2	129.4	128.9	127.9	128.9	129.4	129.2	128.7	128.0	126.9	125.6
-72.5°	108.7	108.3	108.6	108.7	108.6	108.3	108.7	108.9	108.9	108.4	107.3
-75°	89.7	89.1	89.4	89.5	89.4	89.1	89.7	90.0	90.1	89.9	89.0
-77.5°	70.6	70.0	69.2	68.2	69.2	70.0	70.6	71.0	71.1	71.0	70.2
-80°	51.2	51.0	50.1	49.0	50.1	51.0	51.2	51.2	51.2	51.0	50.6
-82.5°	34.3	33.9	34.1	34.1	34.1	33.9	34.3	34.5	34.6	34.7	34.1
-85°	19.5	19.1	19.2	19.2	19.2	19.1	19.5	19.9	20.2	20.4	20.1
-87.5°	6.9	6.4	6.4	6.4	6.4	6.4	6.9	7.3	7.8	8.2	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



REPORT NUMBER: P627069 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA3B-722-U-NR-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°	8.0	7.9	7.7	7.5	7.4	7.2	7.0	6.7	6.5	6.3	6.0
85°	19.8	19.3	18.9	18.4	17.9	17.3	16.6	15.7	14.7	13.8	12.9
82.5°	33.5	32.8	32.0	31.1	30.2	29.2	28.1	26.6	24.9	23.1	21.3
80°	50.0	49.2	48.1	46.3	44.5	42.7	40.8	39.1	37.2	35.2	33.2
77.5°	69.2	68.1	66.4	63.6	60.7	57.8	54.9	52.5	50.2	47.7	45.1
75°	87.9	86.6	84.7	81.7	78.2	74.2	70.5	67.5	64.3	61.0	57.5
72.5°	105.9	104.3	102.2	99.7	96.7	93.1	88.6	83.9	79.3	74.9	70.8
70°	123.9	121.9	119.8	117.3	114.3	110.8	106.4	101.0	94.9	88.9	84.4
67.5°	142.7	140.1	137.9	135.8	133.0	129.5	124.4	118.8	112.8	105.9	99.5
65°	162.9	160.0	157.2	154.6	151.6	148.2	143.0	136.8	130.3	123.4	116.1
62.5°	183.0	181.0	177.9	174.0	170.1	165.8	160.9	154.9	147.8	139.8	131.8
60°	200.9	198.5	194.9	191.2	187.3	182.5	176.3	170.8	166.0	157.0	147.4
57.5°	216.3	213.5	209.2	205.2	201.5	195.8	189.5	183.2	177.1	170.8	162.6
55°	228.5	225.5	221.6	217.1	212.1	206.8	201.0	194.3	187.8	182.0	174.4
52.5°	240.3	237.3	233.6	229.2	223.8	217.7	211.3	204.6	198.5	192.6	185.8
50°	253.9	250.1	246.0	241.4	235.6	229.1	222.2	215.0	208.7	202.7	196.3
47.5°	270.7	265.3	259.3	253.8	247.4	240.2	232.9	225.7	218.8	211.7	205.2
45°	290.9	283.5	275.7	268.2	259.9	252.1	243.6	236.2	228.8	221.1	213.1
42.5°	316.5	305.4	295.1	285.0	274.6	265.2	255.6	246.8	238.5	230.4	221.8
40°	347.8	332.9	319.4	304.5	291.8	279.4	268.4	257.4	248.2	239.3	229.9
37.5°	386.3	366.9	348.4	329.1	312.1	295.9	282.1	269.5	257.5	247.8	237.8
35°	435.7	409.1	382.6	358.5	335.6	315.6	297.3	282.1	268.4	255.8	245.4
32.5°	502.2	464.6	424.4	393.5	363.2	337.1	315.2	295.9	279.4	265.2	252.6
30°	600.2	538.5	483.2	434.1	396.0	362.2	333.5	311.3	291.8	274.6	259.9
27.5°	740.7	634.6	559.8	487.6	431.8	390.9	356.3	327.1	304.2	285.0	268.1
25°	939.7	778.8	649.0	554.7	478.9	420.7	380.1	346.2	318.1	295.0	274.7
22.5°	1212.6	968.9	769.6	626.7	533.1	460.8	405.9	365.0	330.8	303.8	281.7
20°	1614.0	1195.6	925.7	729.7	594.0	499.2	432.8	384.7	345.1	312.9	287.8
17.5°	2090.4	1509.9	1096.5	834.9	665.3	548.5	463.9	402.8	358.1	320.8	292.8
15°	2598.2	1866.2	1335.3	975.5	738.1	590.7	489.9	418.8	370.5	329.5	298.9
12.5°	3246.6	2250.2	1544.7	1092.8	809.7	636.6	520.0	439.1	382.7	338.9	305.3
10°	3860.0	2650.7	1799.5	1247.3	896.9	681.7	546.7	454.7	392.2	346.4	310.5
7.5°	4439.6	3035.8	2019.8	1364.8	964.2	717.5	566.5	466.0	398.9	351.7	314.5
5°	4864.3	3322.5	2192.3	1455.6	1011.8	743.5	579.4	473.0	402.9	354.7	317.2
2.5°	5187.5	3512.4	2297.1	1508.8	1038.9	758.9	587.1	478.4	406.8	357.2	320.2
0°	5335.9	3585.7	2332.2	1537.0	1055.2	763.2	590.5	481.8	409.3	358.1	321.9
-2.5°	5187.5	3512.4	2297.1	1508.8	1038.9	758.9	587.1	478.4	406.8	357.2	320.2
-5°	4864.3	3322.5	2192.3	1455.6	1011.8	743.5	579.4	473.0	402.9	354.7	317.2
-7.5°	4439.6	3035.8	2019.8	1364.8	964.2	717.5	566.5	466.0	398.9	351.7	314.5
-10°	3860.0	2650.7	1799.5	1247.3	896.9	681.7	546.7	454.7	392.2	346.4	310.5
-12.5°	3246.6	2250.2	1544.7	1092.8	809.7	636.6	520.0	439.1	382.7	338.9	305.3
-15°	2598.2	1866.2	1335.3	975.5	738.1	590.7	489.9	418.8	370.5	329.5	298.9
-17.5°	2090.4	1509.9	1096.5	834.9	665.3	548.5	463.9	402.8	358.1	320.8	292.8
-20°	1614.0	1195.6	925.7	729.7	594.0	499.2	432.8	384.7	345.1	312.9	287.8



REPORT NUMBER: P627069 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA3B-722-U-NR-XX

CANDELA DISTRIBUTION (continued):

	20°	22.5°	25°	27.5°	30°	32.5°	35°	37.5°	40°	42.5°	45°
-22.5°	1212.6	968.9	769.6	626.7	533.1	460.8	405.9	365.0	330.8	303.8	281.7
-25°	939.7	778.8	649.0	554.7	478.9	420.7	380.1	346.2	318.1	295.0	274.7
-27.5°	740.7	634.6	559.8	487.6	431.8	390.9	356.3	327.1	304.2	285.0	268.1
-30°	600.2	538.5	483.2	434.1	396.0	362.2	333.5	311.3	291.8	274.6	259.9
-32.5°	502.2	464.6	424.4	393.5	363.2	337.1	315.2	295.9	279.4	265.2	252.6
-35°	435.7	409.1	382.6	358.5	335.6	315.6	297.3	282.1	268.4	255.8	245.4
-37.5°	386.3	366.9	348.4	329.1	312.1	295.9	282.1	269.5	257.5	247.8	237.8
-40°	347.8	332.9	319.4	304.5	291.8	279.4	268.4	257.4	248.2	239.3	229.9
-42.5°	316.5	305.4	295.1	285.0	274.6	265.2	255.6	246.8	238.5	230.4	221.8
-45°	290.9	283.5	275.7	268.2	259.9	252.1	243.6	236.2	228.8	221.1	213.1
-47.5°	270.7	265.3	259.3	253.8	247.4	240.2	232.9	225.7	218.8	211.7	205.2
-50°	253.9	250.1	246.0	241.4	235.6	229.1	222.2	215.0	208.7	202.7	196.3
-52.5°	240.3	237.3	233.6	229.2	223.8	217.7	211.3	204.6	198.5	192.6	185.8
-55°	228.5	225.5	221.6	217.1	212.1	206.8	201.0	194.3	187.8	182.0	174.4
-57.5°	216.3	213.5	209.2	205.2	201.5	195.8	189.5	183.2	177.1	170.8	162.6
-60°	200.9	198.5	194.9	191.2	187.3	182.5	176.3	170.8	166.0	157.0	147.4
-62.5°	183.0	181.0	177.9	174.0	170.1	165.8	160.9	154.9	147.8	139.8	131.8
-65°	162.9	160.0	157.2	154.6	151.6	148.2	143.0	136.8	130.3	123.4	116.1
-67.5°	142.7	140.1	137.9	135.8	133.0	129.5	124.4	118.8	112.8	105.9	99.5
-70°	123.9	121.9	119.8	117.3	114.3	110.8	106.4	101.0	94.9	88.9	84.4
-72.5°	105.9	104.3	102.2	99.7	96.7	93.1	88.6	83.9	79.3	74.9	70.8
-75°	87.9	86.6	84.7	81.7	78.2	74.2	70.5	67.5	64.3	61.0	57.5
-77.5°	69.2	68.1	66.4	63.6	60.7	57.8	54.9	52.5	50.2	47.7	45.1
-80°	50.0	49.2	48.1	46.3	44.5	42.7	40.8	39.1	37.2	35.2	33.2
-82.5°	33.5	32.8	32.0	31.1	30.2	29.2	28.1	26.6	24.9	23.1	21.3
-85°	19.8	19.3	18.9	18.4	17.9	17.3	16.6	15.7	14.7	13.8	12.9
-87.5°	8.0	7.9	7.7	7.5	7.4	7.2	7.0	6.7	6.5	6.3	6.0
-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: P627069 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA3B-722-U-NR-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°	5.7	5.5	5.2	4.9	4.6	4.2	3.9	3.6	3.3	2.9	2.6
85°	12.4	11.9	11.2	10.4	9.4	8.5	7.8	7.2	6.5	5.8	5.1
82.5°	20.2	19.4	18.6	17.7	16.3	14.9	13.4	11.9	10.4	8.8	7.6
80°	31.2	29.3	27.4	25.6	23.4	21.2	19.2	17.2	15.2	13.1	11.0
77.5°	42.4	39.6	36.7	34.0	31.3	28.5	25.7	22.8	20.0	17.4	14.8
75°	53.8	50.4	46.9	43.3	39.6	35.8	32.4	28.9	25.4	21.8	18.6
72.5°	66.5	62.1	57.5	52.8	48.5	44.0	39.5	35.0	30.9	26.7	22.4
70°	79.7	74.3	68.8	63.6	58.0	52.3	47.1	41.7	36.3	31.5	26.7
67.5°	93.6	88.0	81.5	74.6	68.3	61.8	54.8	48.6	42.5	36.3	30.9
65°	108.7	101.7	95.0	87.0	79.1	71.6	63.9	55.7	48.6	41.7	35.0
62.5°	123.6	115.1	107.1	98.9	90.3	81.5	72.9	63.7	54.7	47.1	39.5
60°	138.3	128.9	118.9	109.6	100.6	91.4	81.6	71.5	61.6	52.3	44.0
57.5°	152.2	142.5	131.2	120.2	110.1	100.4	90.0	79.0	68.3	57.9	48.5
55°	165.2	154.3	142.6	130.7	119.3	108.7	97.9	86.2	74.7	63.6	52.7
52.5°	177.2	165.8	153.3	140.6	128.2	116.7	105.3	93.2	80.9	69.0	57.3
50°	188.3	177.2	163.9	150.3	136.7	124.6	112.6	99.9	86.8	74.2	61.8
47.5°	198.0	187.4	174.5	159.8	145.3	132.3	119.7	106.4	92.4	79.1	66.1
45°	205.9	196.9	184.5	169.7	154.1	140.3	126.7	112.8	98.1	83.9	70.3
42.5°	213.2	204.8	193.7	179.4	163.2	148.2	133.5	119.0	103.7	88.4	74.2
40°	220.7	211.8	202.1	187.8	171.7	155.8	140.4	125.0	109.1	92.9	78.0
37.5°	227.6	218.4	208.6	195.6	179.4	162.9	147.0	130.8	114.1	97.3	81.6
35°	234.7	224.3	214.2	201.7	186.0	169.4	153.3	136.5	118.8	101.5	85.0
32.5°	241.4	229.9	219.0	206.6	192.1	175.3	158.9	141.3	123.3	105.3	88.1
30°	247.6	235.0	223.5	211.5	197.2	180.4	163.6	145.8	127.4	108.8	91.1
27.5°	252.5	239.3	227.9	215.6	201.3	185.0	167.7	149.8	131.2	112.0	94.0
25°	257.4	243.3	231.3	219.4	205.2	189.6	171.6	153.3	134.5	115.1	96.5
22.5°	262.9	247.0	234.0	223.0	209.1	194.1	175.3	156.4	137.4	117.8	98.8
20°	267.7	250.2	236.0	225.8	212.3	197.4	178.8	159.2	139.9	120.2	100.7
17.5°	271.9	253.6	238.7	227.5	214.8	200.2	182.0	161.6	141.9	122.3	102.4
15°	276.4	257.2	241.1	228.8	216.8	202.6	185.0	163.7	143.6	124.1	103.9
12.5°	280.3	260.1	243.0	229.9	218.3	204.6	187.5	165.5	145.0	125.6	105.3
10°	283.6	262.3	244.4	230.6	219.4	206.0	189.8	167.2	146.4	126.8	106.5
7.5°	286.2	263.9	245.4	231.0	220.1	207.2	191.7	169.2	147.6	127.6	107.4
5°	288.0	265.1	246.8	232.3	221.0	208.2	193.0	170.8	148.5	128.0	108.1
2.5°	289.4	266.2	248.3	233.6	221.5	208.7	193.8	172.0	149.0	128.1	108.6
0°	289.9	266.5	249.4	234.5	221.7	208.9	194.0	172.7	149.2	127.9	108.7
-2.5°	289.4	266.2	248.3	233.6	221.5	208.7	193.8	172.0	149.0	128.1	108.6
-5°	288.0	265.1	246.8	232.3	221.0	208.2	193.0	170.8	148.5	128.0	108.1
-7.5°	286.2	263.9	245.4	231.0	220.1	207.2	191.7	169.2	147.6	127.6	107.4
-10°	283.6	262.3	244.4	230.6	219.4	206.0	189.8	167.2	146.4	126.8	106.5
-12.5°	280.3	260.1	243.0	229.9	218.3	204.6	187.5	165.5	145.0	125.6	105.3
-15°	276.4	257.2	241.1	228.8	216.8	202.6	185.0	163.7	143.6	124.1	103.9
-17.5°	271.9	253.6	238.7	227.5	214.8	200.2	182.0	161.6	141.9	122.3	102.4
-20°	267.7	250.2	236.0	225.8	212.3	197.4	178.8	159.2	139.9	120.2	100.7

Classified

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Scaled Data Report



REPORT NUMBER: P627069 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA3B-722-U-NR-XX

CANDELA DISTRIBUTION (continued):

	47.5°	50°	52.5°	55°	57.5°	60°	62.5°	65°	67.5°	70°	72.5°
-22.5°	262.9	247.0	234.0	223.0	209.1	194.1	175.3	156.4	137.4	117.8	98.8
-25°	257.4	243.3	231.3	219.4	205.2	189.6	171.6	153.3	134.5	115.1	96.5
-27.5°	252.5	239.3	227.9	215.6	201.3	185.0	167.7	149.8	131.2	112.0	94.0
-30°	247.6	235.0	223.5	211.5	197.2	180.4	163.6	145.8	127.4	108.8	91.1
-32.5°	241.4	229.9	219.0	206.6	192.1	175.3	158.9	141.3	123.3	105.3	88.1
-35°	234.7	224.3	214.2	201.7	186.0	169.4	153.3	136.5	118.8	101.5	85.0
-37.5°	227.6	218.4	208.6	195.6	179.4	162.9	147.0	130.8	114.1	97.3	81.6
-40°	220.7	211.8	202.1	187.8	171.7	155.8	140.4	125.0	109.1	92.9	78.0
-42.5°	213.2	204.8	193.7	179.4	163.2	148.2	133.5	119.0	103.7	88.4	74.2
-45°	205.9	196.9	184.5	169.7	154.1	140.3	126.7	112.8	98.1	83.9	70.3
-47.5°	198.0	187.4	174.5	159.8	145.3	132.3	119.7	106.4	92.4	79.1	66.1
-50°	188.3	177.2	163.9	150.3	136.7	124.6	112.6	99.9	86.8	74.2	61.8
-52.5°	177.2	165.8	153.3	140.6	128.2	116.7	105.3	93.2	80.9	69.0	57.3
-55°	165.2	154.3	142.6	130.7	119.3	108.7	97.9	86.2	74.7	63.6	52.7
-57.5°	152.2	142.5	131.2	120.2	110.1	100.4	90.0	79.0	68.3	57.9	48.5
-60°	138.3	128.9	118.9	109.6	100.6	91.4	81.6	71.5	61.6	52.3	44.0
-62.5°	123.6	115.1	107.1	98.9	90.3	81.5	72.9	63.7	54.7	47.1	39.5
-65°	108.7	101.7	95.0	87.0	79.1	71.6	63.9	55.7	48.6	41.7	35.0
-67.5°	93.6	88.0	81.5	74.6	68.3	61.8	54.8	48.6	42.5	36.3	30.9
-70°	79.7	74.3	68.8	63.6	58.0	52.3	47.1	41.7	36.3	31.5	26.7
-72.5°	66.5	62.1	57.5	52.8	48.5	44.0	39.5	35.0	30.9	26.7	22.4
-75°	53.8	50.4	46.9	43.3	39.6	35.8	32.4	28.9	25.4	21.8	18.6
-77.5°	42.4	39.6	36.7	34.0	31.3	28.5	25.7	22.8	20.0	17.4	14.8
-80°	31.2	29.3	27.4	25.6	23.4	21.2	19.2	17.2	15.2	13.1	11.0
-82.5°	20.2	19.4	18.6	17.7	16.3	14.9	13.4	11.9	10.4	8.8	7.6
-85°	12.4	11.9	11.2	10.4	9.4	8.5	7.8	7.2	6.5	5.8	5.1
-87.5°	5.7	5.5	5.2	4.9	4.6	4.2	3.9	3.6	3.3	2.9	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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CATALOG NUMBER: GFLD-SA3B-722-U-NR-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°	2.2	1.8	1.5	1.1	0.7	0.3	0.0
85°	4.4	3.7	2.9	2.2	1.5	0.6	0.0
82.5°	6.6	5.5	4.4	3.3	2.2	1.0	0.0
80°	8.9	7.3	5.9	4.4	2.9	1.3	0.0
77.5°	12.1	9.4	7.3	5.5	3.7	1.6	0.0
75°	15.3	12.0	8.9	6.6	4.4	1.9	0.0
72.5°	18.4	14.5	10.8	7.6	5.0	2.2	0.0
70°	21.6	17.0	12.7	8.8	5.7	2.5	0.0
67.5°	25.1	19.4	14.6	10.1	6.4	2.8	0.0
65°	28.6	22.0	16.4	11.4	7.0	3.1	0.0
62.5°	32.1	24.9	18.2	12.7	7.6	3.4	0.0
60°	35.4	27.7	19.9	14.0	8.2	3.7	0.0
57.5°	39.1	30.4	22.0	15.2	9.0	3.9	0.0
55°	42.7	33.0	24.1	16.4	9.7	4.2	0.0
52.5°	46.3	35.6	26.2	17.5	10.5	4.4	0.0
50°	49.7	38.5	28.2	18.5	11.2	4.6	0.0
47.5°	53.0	41.2	30.1	19.7	11.9	4.8	0.0
45°	56.6	43.8	31.9	21.0	12.6	5.0	0.0
42.5°	60.0	46.3	33.6	22.3	13.2	5.2	0.0
40°	63.2	48.7	35.4	23.6	13.8	5.4	0.0
37.5°	66.3	51.0	37.2	24.8	14.4	5.6	0.0
35°	69.1	53.3	38.9	26.0	15.0	5.7	0.0
32.5°	71.8	55.5	40.5	27.1	15.5	5.9	0.0
30°	74.4	57.6	42.0	28.1	16.0	6.0	0.0
27.5°	76.7	59.5	43.4	29.0	16.5	6.1	0.0
25°	78.8	61.3	44.7	29.9	17.0	6.2	0.0
22.5°	80.7	62.9	45.9	30.7	17.4	6.3	0.0
20°	82.5	64.3	47.0	31.4	17.7	6.4	0.0
17.5°	83.9	65.4	48.0	32.0	18.1	6.4	0.0
15°	85.1	66.4	48.8	32.6	18.4	6.4	0.0
12.5°	86.0	67.2	49.6	33.0	18.6	6.5	0.0
10°	86.7	67.7	50.2	33.4	18.8	6.5	0.0
7.5°	87.2	68.1	50.6	33.7	19.0	6.5	0.0
5°	87.5	68.3	50.9	33.9	19.1	6.5	0.0
2.5°	87.6	68.3	51.1	34.1	19.2	6.4	0.0
0°	87.4	68.2	51.2	34.1	19.2	6.4	0.0
-2.5°	87.6	68.3	51.1	34.1	19.2	6.4	0.0
-5°	87.5	68.3	50.9	33.9	19.1	6.5	0.0
-7.5°	87.2	68.1	50.6	33.7	19.0	6.5	0.0
-10°	86.7	67.7	50.2	33.4	18.8	6.5	0.0
-12.5°	86.0	67.2	49.6	33.0	18.6	6.5	0.0
-15°	85.1	66.4	48.8	32.6	18.4	6.4	0.0
-17.5°	83.9	65.4	48.0	32.0	18.1	6.4	0.0
-20°	82.5	64.3	47.0	31.4	17.7	6.4	0.0

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CATALOG NUMBER: GFLD-SA3B-722-U-NR-XX

CANDELA DISTRIBUTION (continued):

	75°	77.5°	80°	82.5°	85°	87.5°	90°
-22.5°	80.7	62.9	45.9	30.7	17.4	6.3	0.0
-25°	78.8	61.3	44.7	29.9	17.0	6.2	0.0
-27.5°	76.7	59.5	43.4	29.0	16.5	6.1	0.0
-30°	74.4	57.6	42.0	28.1	16.0	6.0	0.0
-32.5°	71.8	55.5	40.5	27.1	15.5	5.9	0.0
-35°	69.1	53.3	38.9	26.0	15.0	5.7	0.0
-37.5°	66.3	51.0	37.2	24.8	14.4	5.6	0.0
-40°	63.2	48.7	35.4	23.6	13.8	5.4	0.0
-42.5°	60.0	46.3	33.6	22.3	13.2	5.2	0.0
-45°	56.6	43.8	31.9	21.0	12.6	5.0	0.0
-47.5°	53.0	41.2	30.1	19.7	11.9	4.8	0.0
-50°	49.7	38.5	28.2	18.5	11.2	4.6	0.0
-52.5°	46.3	35.6	26.2	17.5	10.5	4.4	0.0
-55°	42.7	33.0	24.1	16.4	9.7	4.2	0.0
-57.5°	39.1	30.4	22.0	15.2	9.0	3.9	0.0
-60°	35.4	27.7	19.9	14.0	8.2	3.7	0.0
-62.5°	32.1	24.9	18.2	12.7	7.6	3.4	0.0
-65°	28.6	22.0	16.4	11.4	7.0	3.1	0.0
-67.5°	25.1	19.4	14.6	10.1	6.4	2.8	0.0
-70°	21.6	17.0	12.7	8.8	5.7	2.5	0.0
-72.5°	18.4	14.5	10.8	7.6	5.0	2.2	0.0
-75°	15.3	12.0	8.9	6.6	4.4	1.9	0.0
-77.5°	12.1	9.4	7.3	5.5	3.7	1.6	0.0
-80°	8.9	7.3	5.9	4.4	2.9	1.3	0.0
-82.5°	6.6	5.5	4.4	3.3	2.2	1.0	0.0
-85°	4.4	3.7	2.9	2.2	1.5	0.6	0.0
-87.5°	2.2	1.8	1.5	1.1	0.7	0.3	0.0
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0

(END OF REPORT)