

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: P627068 (CONVERTED FROM TYPE C PHOTOMETRY)

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

Issue Date: 12/7/2022

Test Information

Test Method: LM-79-08
Report Number: P627068 (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: 12/7/2022
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: MCGRAW-EDISON
Catalog Number: GFLD-SA3B-722-U-NR-VSR-XX
Description: GALLEON FLOOD, THREE LIGHT SQAURE, NARROW SYMMETRICAL ROUND N3 WITH VISOR
Light Source: (48) 2200K CCT, 70 CRI LEDS
Ballast/Driver: -

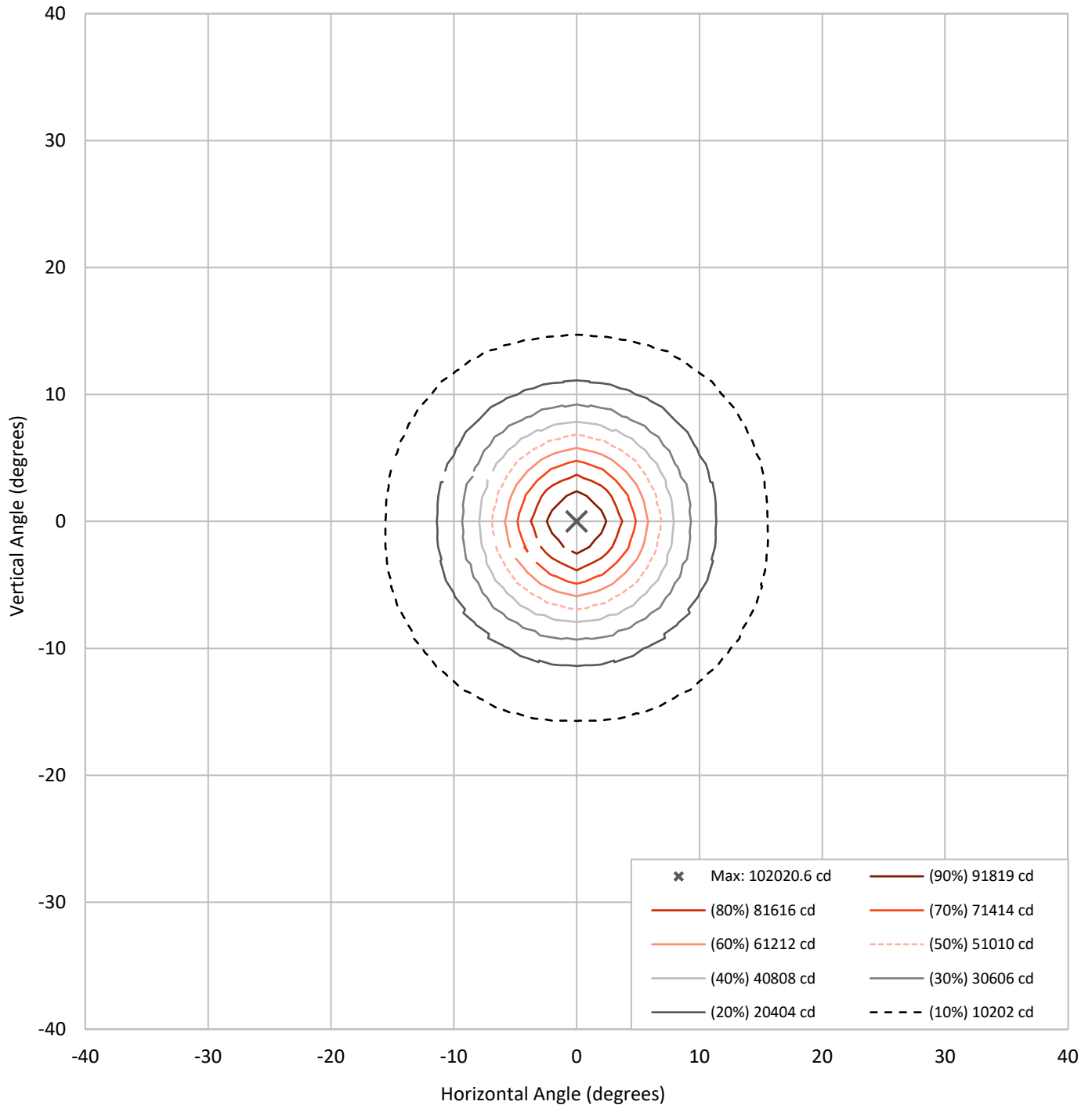
Summary

Lumens per Lamp:	N/A	NEMA Type:	3H x 3V
Luminaire Lumens:	10064.5 lumens	Max Intensity:	102020.6 candela
Efficiency:	N/A	Max Intensity Angle:	0°H x 0°V
Efficacy:	107.4 lumens/watt		
Luminous Opening:	Rectangular (W 1.5' x L: 0.5' x H: 0')		
Beam Angle (50%):	13.6°H x 13.6°V	Field Angle (10%):	30.9°H x 30.2°V
Beam Lumens:	3213.1 lumens	Field Lumens:	7156.5 lumens
Beam Efficiency:	31.9%	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		



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

Iso-Candela Plot





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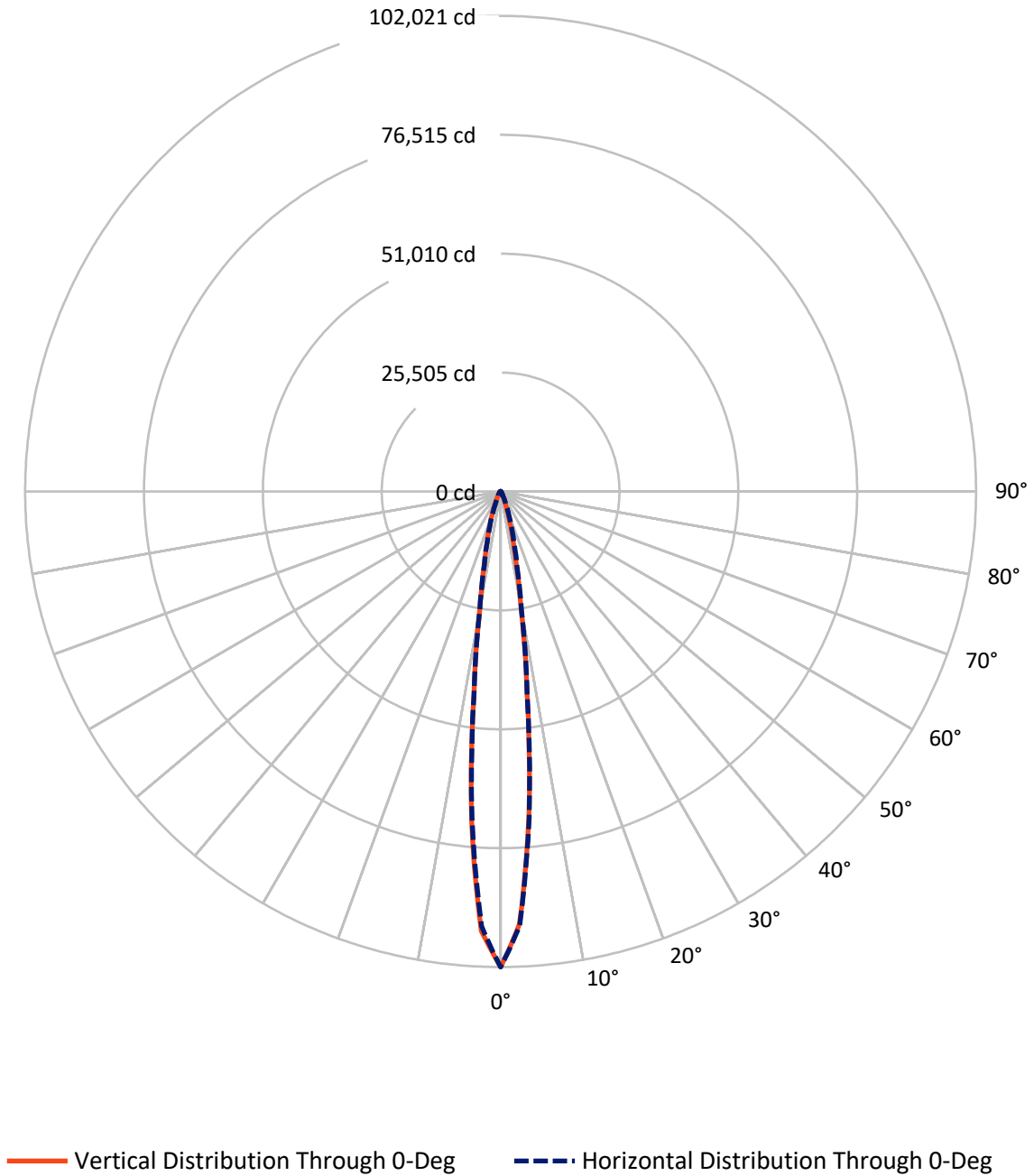
CATALOG NUMBER: GFLD-SA3B-722-U-NR-VSR-XX

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	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	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	0.0	0.0	0.0	0.0	0.0	0.0
60		0.0	0.1	0.2	0.6	0.9	1.2	1.4	1.4	1.2	0.9	0.6	0.2	0.1	0.0		
50	0.0	0.1	0.3	0.9	1.6	2.4	3.4	4.0	4.0	3.4	2.4	1.6	0.9	0.3	0.1	0.0	
40		0.1	0.7	1.7	3.0	4.8	8.2	10.4	10.4	8.2	4.8	3.0	1.7	0.7	0.1		
30	0.1	0.3	1.1	2.6	4.7	10.2	27.3	45.3	45.3	27.3	10.2	4.7	2.6	1.1	0.3	0.1	
20		0.4	1.5	3.6	7.8	30.6	129.0	283.6	283.6	129.0	30.6	7.8	3.6	1.5	0.4		
10	0.2	0.5	1.9	4.2	10.6	57.4	309.1	1386.5	1386.5	309.1	57.4	10.6	4.2	1.9	0.5	0.2	
0		0.6	2.0	4.4	11.4	61.2	320.0	1410.0	1410.0	320.0	61.2	11.4	4.4	2.0	0.6		
-10	0.2	0.7	2.1	4.4	10.0	39.0	155.3	332.2	332.2	155.3	39.0	10.0	4.4	2.1	0.7	0.2	
-20		0.6	2.0	4.0	7.7	18.2	47.9	79.8	79.8	47.9	18.2	7.7	4.0	2.0	0.6		
-30	0.2	0.5	1.8	3.5	6.0	10.0	16.3	20.7	20.7	16.3	10.0	6.0	3.5	1.8	0.5	0.2	
-40		0.4	1.5	2.9	4.9	7.0	9.4	10.5	10.5	9.4	7.0	4.9	2.9	1.5	0.4		
-50	0.1	0.3	1.1	2.3	3.8	5.4	6.8	7.4	7.4	6.8	5.4	3.8	2.3	1.1	0.3	0.1	
-60		0.2	0.7	1.5	2.6	3.7	4.7	5.2	5.2	4.7	3.7	2.6	1.5	0.7	0.2		
-70	0.0	0.6	2.5	5.6	7.0	5.6	2.5	0.6	0.0								
-80		0.6	2.5	5.6	7.0	5.6	2.5	0.6									
-90	0.0	0.6	2.5	5.6	7.0	5.6	2.5	0.6	0.0								

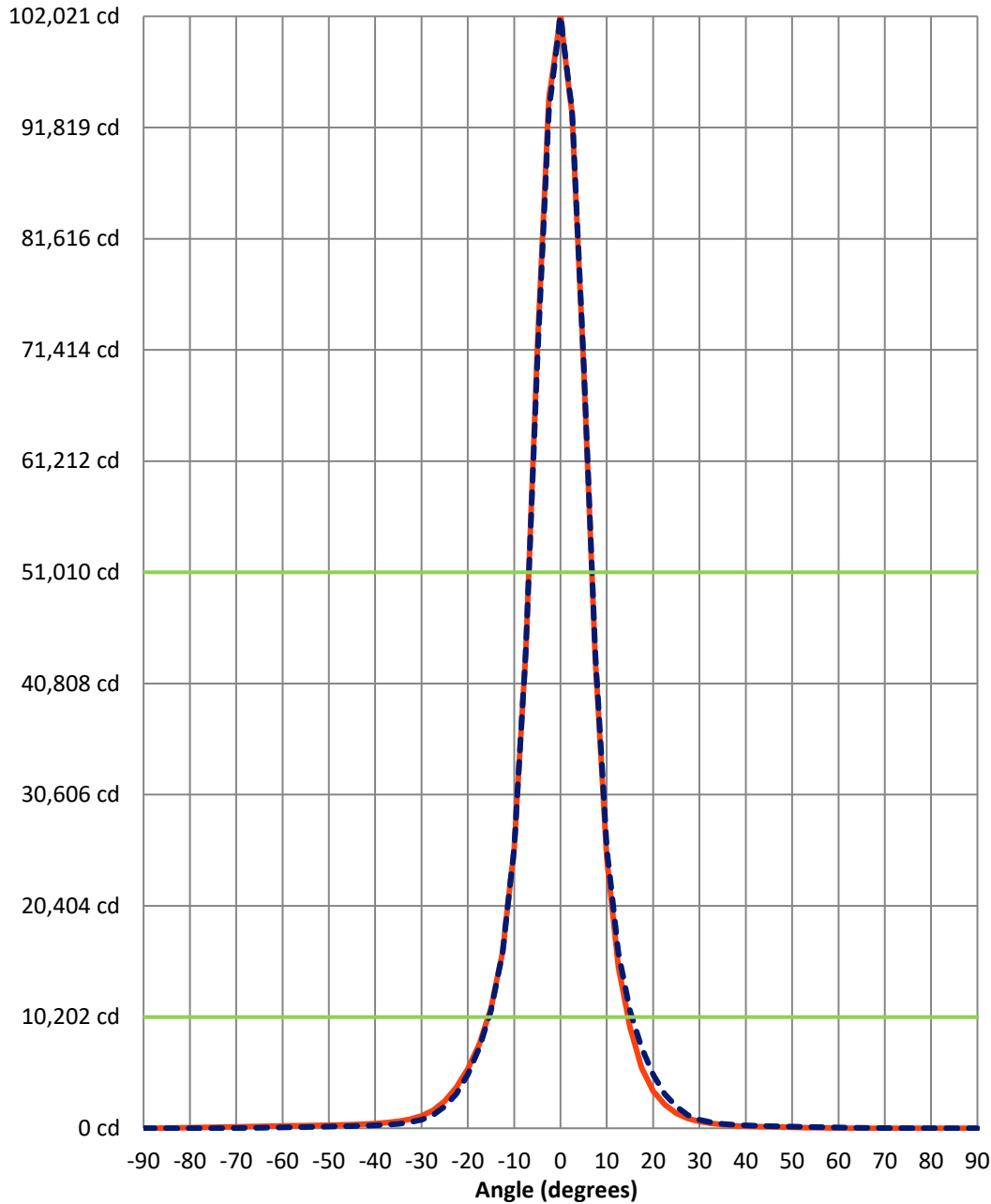
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Luminous Intensity Polar Plot



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Luminous Intensity Plot



Beam:
H Angle: 13.6°
V Angle: 13.6°
Lumens: 3213.1
Efficiency: 31.9%

Field:
H Angle: 30.9°
V Angle: 30.2°
Lumens: 7156.5
Efficiency: 71.1%

Spill:
Lumens: 2908
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	0.0	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	0.1	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	0.2	0.0	0.0	0.0	0.0	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	0.3	0.1	0.0	0.2	0.3	0.1	0.1	0.5	0.5	0.2
70°	0.0	0.4	0.1	0.0	0.4	0.5	0.3	0.7	0.9	0.8	0.3
67.5°	0.0	0.5	0.1	0.3	0.7	0.7	0.8	1.2	1.4	0.9	0.4
65°	0.0	0.5	0.2	0.5	0.9	0.9	1.3	1.8	1.5	1.0	0.7
62.5°	0.0	0.6	0.2	0.7	1.1	1.2	1.7	2.1	1.6	1.1	1.4
60°	0.0	0.6	0.3	0.9	1.4	1.5	2.2	2.1	1.7	1.6	2.0
57.5°	0.0	0.7	0.5	1.2	1.5	1.8	2.2	2.2	1.9	2.0	2.2
55°	0.0	0.7	0.7	1.4	1.7	2.0	2.2	2.2	2.0	2.2	2.2
52.5°	0.0	0.8	0.8	1.6	1.8	2.2	2.2	2.2	2.2	2.2	2.2
50°	0.0	0.9	1.0	1.9	1.9	2.2	2.2	2.2	2.2	2.2	2.5
47.5°	0.0	0.9	1.1	2.1	2.0	2.2	2.2	2.2	2.2	2.2	3.0
45°	0.0	1.0	1.3	2.1	2.1	2.2	2.2	2.2	2.3	2.7	3.6
42.5°	0.0	1.1	1.4	2.2	2.2	2.2	2.2	2.3	2.4	3.3	4.8
40°	0.0	1.1	1.5	2.2	2.2	2.2	2.2	2.4	2.8	4.0	6.1
37.5°	0.0	1.2	1.6	2.2	2.2	2.2	2.2	2.7	3.5	5.0	7.6
35°	0.0	1.3	1.7	2.2	2.2	2.2	2.2	2.9	4.3	6.3	9.3
32.5°	0.0	1.4	1.8	2.2	2.2	2.2	2.3	3.2	5.1	7.7	11.5
30°	0.0	1.4	1.9	2.2	2.2	2.2	2.5	3.6	6.0	8.9	14.0
27.5°	0.0	1.5	2.0	2.2	2.2	2.2	2.7	4.3	6.9	10.2	16.6
25°	0.0	1.6	2.0	2.2	2.2	2.2	3.0	5.0	8.0	12.0	19.4
22.5°	0.0	1.6	2.1	2.2	2.2	2.2	3.2	5.7	8.9	14.2	22.7
20°	0.0	1.7	2.1	2.2	2.2	2.4	3.5	6.3	9.9	16.4	25.7
17.5°	0.0	1.8	2.1	2.2	2.2	2.6	3.9	7.0	10.8	18.6	28.5
15°	0.0	1.8	2.2	2.2	2.2	2.8	4.3	7.7	11.6	20.8	31.0
12.5°	0.0	1.9	2.2	2.2	2.2	3.0	4.7	8.3	12.7	22.9	33.3
10°	0.0	2.0	2.2	2.2	2.2	3.3	5.1	8.9	14.1	24.9	35.3
7.5°	0.0	2.0	2.2	2.2	2.2	3.5	5.5	9.5	15.5	26.6	37.0
5°	0.0	2.1	2.2	2.2	2.2	3.8	5.9	10.0	16.8	28.0	38.6
2.5°	0.0	2.1	2.2	2.2	2.2	4.1	6.2	10.4	18.2	29.2	39.9
0°	0.0	2.2	2.2	2.2	2.2	4.3	6.5	10.8	19.4	30.2	41.0
-2.5°	0.0	2.2	2.2	2.2	2.4	4.5	7.1	11.4	20.5	31.0	42.4
-5°	0.0	2.2	2.2	2.2	2.6	4.7	7.6	12.0	21.5	31.7	43.5
-7.5°	0.0	2.2	2.2	2.2	2.7	4.9	8.1	12.6	22.2	32.2	44.4
-10°	0.0	2.2	2.2	2.2	2.9	5.1	8.5	13.0	22.8	32.5	45.0
-12.5°	0.0	2.1	2.2	2.2	3.0	5.2	8.8	13.4	23.2	32.8	45.8
-15°	0.0	2.1	2.2	2.2	3.1	5.4	9.1	13.8	23.2	33.5	46.6
-17.5°	0.0	2.1	2.2	2.2	3.2	5.5	9.3	14.1	23.1	33.8	46.9
-20°	0.0	2.1	2.2	2.2	3.3	5.5	9.4	14.4	22.8	33.8	46.9

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

CANDELA DISTRIBUTION (continued):

	-90°	-87.5°	-85°	-82.5°	-80°	-77.5°	-75°	-72.5°	-70°	-67.5°	-65°
-22.5°	0.0	2.0	2.2	2.2	3.3	5.6	9.5	14.5	22.2	33.4	46.3
-25°	0.0	2.0	2.2	2.2	3.3	5.7	9.6	14.6	21.6	32.6	45.3
-27.5°	0.0	2.0	2.2	2.2	3.3	5.9	9.6	14.6	20.7	31.5	44.3
-30°	0.0	1.9	2.2	2.2	3.2	6.0	9.5	14.4	20.2	30.3	42.8
-32.5°	0.0	1.9	2.2	2.2	3.2	6.0	9.4	14.2	20.0	29.0	40.8
-35°	0.0	1.8	2.2	2.2	3.1	6.0	9.4	14.0	19.6	27.5	38.2
-37.5°	0.0	1.7	2.2	2.2	3.1	5.9	9.4	13.8	19.0	25.7	36.7
-40°	0.0	1.7	2.2	2.2	3.0	5.8	9.2	13.5	18.3	24.6	35.4
-42.5°	0.0	1.6	2.2	2.2	2.9	5.6	9.0	13.1	17.7	24.1	33.7
-45°	0.0	1.6	2.2	2.3	3.0	5.4	8.8	12.7	17.2	23.4	31.8
-47.5°	0.0	1.5	2.2	2.3	3.1	5.1	8.4	12.2	16.6	22.4	30.6
-50°	0.0	1.4	2.2	2.3	3.1	4.8	8.0	11.7	16.0	21.5	29.1
-52.5°	0.0	1.3	2.2	2.4	3.1	4.4	7.5	11.1	15.2	20.4	27.2
-55°	0.0	1.3	2.2	2.4	3.1	4.3	6.9	10.3	14.3	18.8	25.2
-57.5°	0.0	1.2	2.2	2.4	3.0	4.2	6.3	9.5	13.3	17.5	22.9
-60°	0.0	1.1	2.2	2.4	3.0	4.1	5.6	8.6	12.1	16.1	20.5
-62.5°	0.0	1.0	2.0	2.3	2.9	3.9	5.3	7.6	10.9	14.5	18.6
-65°	0.0	0.9	1.9	2.3	2.8	3.7	5.0	6.7	9.5	12.9	16.6
-67.5°	0.0	0.8	1.7	2.3	2.7	3.4	4.6	6.2	8.1	11.1	14.5
-70°	0.0	0.8	1.5	2.2	2.5	3.2	4.2	5.5	7.2	9.2	12.2
-72.5°	0.0	0.7	1.3	2.0	2.4	2.9	3.7	4.9	6.3	8.0	10.0
-75°	0.0	0.6	1.1	1.7	2.2	2.6	3.3	4.3	5.4	6.8	8.5
-77.5°	0.0	0.5	1.0	1.4	1.9	2.3	2.8	3.7	4.7	5.6	6.8
-80°	0.0	0.4	0.8	1.1	1.5	1.9	2.3	3.1	4.0	4.8	5.7
-82.5°	0.0	0.3	0.6	0.9	1.1	1.4	1.7	2.4	3.3	4.1	4.8
-85°	0.0	0.2	0.4	0.6	0.8	1.0	1.1	1.6	2.2	2.9	3.6
-87.5°	0.0	0.1	0.2	0.3	0.4	0.5	0.6	0.8	1.1	1.4	1.8
-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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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°	0.1	0.6	0.7	0.5	0.0	0.0	0.0	0.1	0.0	0.0	0.0
65°	1.1	1.4	1.1	0.6	0.0	0.5	0.7	0.6	0.1	0.0	0.0
62.5°	2.0	1.7	1.2	0.9	1.2	1.7	1.3	0.8	0.2	1.0	1.5
60°	2.2	1.9	1.5	1.7	2.2	2.0	1.4	2.1	3.2	4.0	4.8
57.5°	2.2	2.0	2.0	2.4	2.5	2.5	3.8	5.1	7.2	8.9	10.1
55°	2.3	2.2	2.5	2.9	3.7	5.2	7.1	9.9	12.3	15.8	18.9
52.5°	2.5	2.5	3.3	4.4	6.5	8.9	12.3	16.3	21.0	24.4	28.1
50°	2.8	3.6	4.6	7.4	10.3	14.0	19.5	25.5	29.4	33.3	38.6
47.5°	3.8	4.9	7.6	10.8	15.0	21.0	28.5	32.9	36.7	42.9	49.4
45°	5.2	7.3	10.7	15.1	20.9	29.3	35.3	38.8	45.4	52.5	60.0
42.5°	6.6	10.1	14.7	19.4	28.5	36.4	41.9	47.4	54.1	62.4	70.5
40°	9.0	12.9	19.1	26.5	35.7	43.5	50.2	56.6	63.2	74.1	82.7
37.5°	11.4	17.1	24.0	33.3	42.9	51.3	58.9	66.9	76.3	88.6	96.3
35°	13.7	21.4	29.9	39.8	50.0	59.5	68.6	78.0	90.2	101.8	111.0
32.5°	17.0	25.9	35.5	46.0	56.6	67.4	78.5	89.6	101.7	113.5	125.7
30°	21.1	30.6	40.7	52.0	62.6	75.2	88.0	99.8	111.9	124.4	138.2
27.5°	25.2	35.0	45.9	57.4	68.5	82.8	96.6	109.0	121.4	134.9	150.5
25°	29.0	39.5	50.9	62.2	75.2	90.6	105.6	120.0	130.5	145.8	164.1
22.5°	32.7	43.8	56.1	66.5	81.7	98.4	115.9	131.4	143.9	157.5	178.3
20°	36.3	48.3	60.9	72.6	88.2	106.1	127.0	142.9	158.4	176.0	197.2
17.5°	39.8	52.5	65.8	79.6	96.1	114.6	138.3	154.5	173.0	194.1	220.8
15°	43.0	56.4	70.6	86.2	103.1	123.1	146.0	166.2	188.3	212.6	244.2
12.5°	46.1	59.9	75.4	92.2	109.4	130.5	152.4	173.9	199.4	231.2	270.9
10°	48.9	63.1	80.0	97.7	114.8	136.7	158.1	180.5	207.3	242.3	287.7
7.5°	51.2	66.3	84.4	102.8	119.5	141.7	163.0	185.9	214.0	251.5	299.0
5°	53.2	69.7	88.5	106.0	123.4	146.1	167.1	190.2	219.3	258.6	307.1
2.5°	54.8	72.9	92.0	108.3	126.8	150.1	170.4	194.9	224.6	264.2	314.7
0°	56.1	75.6	95.0	110.1	129.6	153.3	172.8	198.7	228.9	267.8	321.8
-2.5°	58.7	77.8	96.8	112.1	132.6	153.8	174.4	199.2	230.5	270.6	323.1
-5°	60.9	79.6	98.1	113.7	134.8	153.8	175.0	198.7	231.0	272.1	325.4
-7.5°	62.6	81.0	99.0	114.9	136.0	154.5	176.0	200.3	232.7	273.6	328.5
-10°	63.7	82.0	99.7	116.5	136.3	155.2	176.4	200.6	232.4	272.7	326.8
-12.5°	64.3	82.6	100.1	117.3	136.2	155.2	175.8	199.7	230.1	269.3	320.1
-15°	64.5	82.8	100.0	117.4	135.9	154.3	174.5	197.4	225.8	263.5	309.6
-17.5°	64.3	82.7	99.6	116.7	135.3	152.5	172.3	194.4	221.5	256.7	301.1
-20°	63.8	82.3	98.9	115.1	134.6	150.8	170.2	191.5	217.0	248.9	288.6

Classified

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

Scaled Data Report



REPORT NUMBER: P627068 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA3B-722-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°	62.9	81.5	97.8	113.6	132.2	149.3	167.4	187.7	210.5	239.4	274.7
-25°	61.8	80.0	96.4	112.4	129.5	146.9	163.8	183.2	204.1	231.9	263.6
-27.5°	60.4	78.1	94.5	110.7	126.6	143.8	160.3	178.5	199.3	223.8	252.2
-30°	58.4	75.5	91.9	108.4	124.1	140.2	156.2	173.5	193.1	216.2	242.4
-32.5°	55.9	72.6	88.6	104.9	121.3	136.6	151.7	168.3	186.7	207.0	231.9
-35°	53.3	69.4	85.1	100.6	117.8	132.6	147.1	162.4	179.5	198.4	218.7
-37.5°	51.0	66.0	81.3	95.9	112.3	127.7	141.7	156.3	172.1	189.4	207.9
-40°	48.4	62.4	77.3	91.6	105.9	121.6	135.7	149.7	164.3	181.6	198.1
-42.5°	45.7	59.3	73.1	87.1	100.8	114.9	128.9	142.4	157.8	174.1	190.2
-45°	43.4	56.1	68.9	82.5	96.0	108.7	121.9	134.5	150.1	166.5	182.2
-47.5°	40.8	52.8	65.3	77.6	90.8	103.5	115.3	128.1	141.4	156.9	173.4
-50°	38.1	49.4	60.9	72.5	85.1	97.8	109.8	121.6	134.1	146.8	161.1
-52.5°	35.8	45.7	56.3	67.0	78.9	91.3	103.4	115.2	126.8	138.7	150.9
-55°	33.1	42.2	51.5	61.5	71.9	83.8	95.8	107.3	119.1	130.3	142.2
-57.5°	30.1	38.2	46.7	56.1	65.6	75.3	87.0	98.4	109.5	120.7	133.0
-60°	26.7	33.9	41.7	50.3	59.5	68.5	77.9	88.5	99.2	109.9	121.2
-62.5°	23.1	29.4	36.4	43.9	52.4	61.2	69.8	78.8	88.4	97.8	107.6
-65°	20.8	25.2	31.1	37.7	44.6	52.5	60.7	69.0	77.5	85.4	93.0
-67.5°	18.2	22.2	26.6	31.5	37.8	44.4	50.9	58.4	66.0	73.2	80.3
-70°	15.5	19.1	23.0	27.1	31.5	36.9	43.0	49.0	54.8	60.9	67.5
-72.5°	12.7	15.8	19.2	22.7	26.6	30.8	35.5	40.6	45.8	50.8	55.9
-75°	10.4	12.5	15.2	18.2	21.5	24.9	28.3	32.3	36.7	41.1	45.5
-77.5°	8.6	10.5	12.3	14.2	16.5	19.6	22.7	25.6	28.7	32.0	35.6
-80°	7.0	8.5	10.2	11.9	13.5	15.3	17.5	19.8	22.0	24.2	26.6
-82.5°	5.8	6.9	8.2	9.5	10.4	11.4	12.6	14.0	15.4	16.8	18.4
-85°	4.5	5.4	6.2	7.1	7.5	8.0	8.6	9.2	10.1	11.0	11.9
-87.5°	2.2	2.7	3.2	3.7	4.0	4.2	4.4	4.6	5.2	5.8	6.4
-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: P627068 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA3B-722-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	0.4	0.5	0.5	0.2	0.0	0.0
62.5°	1.3	1.0	1.7	2.2	2.5	2.4	2.2	2.0	1.7	1.6	1.8
60°	5.2	5.1	7.1	8.1	7.3	5.1	8.1	9.6	9.2	7.9	7.9
57.5°	12.7	15.4	17.4	18.2	21.1	25.7	26.6	25.1	24.5	25.0	28.9
55°	22.0	24.2	25.3	29.2	32.7	35.2	36.7	38.2	40.4	43.1	45.9
52.5°	31.1	34.1	36.4	39.9	44.1	45.5	45.1	50.4	54.6	57.3	58.4
50°	42.7	46.5	51.8	57.3	59.7	62.0	64.4	68.8	75.2	83.2	87.8
47.5°	55.2	61.1	66.7	73.0	76.1	78.6	82.3	90.0	99.1	107.7	112.1
45°	66.4	71.7	78.1	83.5	87.5	92.3	97.6	104.5	114.7	123.6	129.8
42.5°	75.5	81.4	88.0	94.6	98.6	105.0	113.1	122.4	133.1	142.4	149.3
40°	88.1	93.2	103.7	110.0	111.6	117.6	133.7	146.5	158.6	170.0	175.7
37.5°	103.4	113.3	124.2	129.9	135.5	146.1	167.7	188.4	203.8	219.3	227.8
35°	120.8	133.7	148.7	155.4	167.3	190.5	215.8	244.7	280.6	295.6	309.3
32.5°	137.7	152.2	166.0	181.0	201.8	229.5	258.1	304.9	348.5	382.4	407.1
30°	152.7	168.0	185.2	204.5	233.9	272.0	319.7	380.2	441.8	495.6	541.0
27.5°	167.5	185.0	205.3	234.1	275.5	327.2	403.5	489.9	592.6	668.3	758.7
25°	183.8	203.7	229.9	271.6	327.4	404.7	526.7	666.9	835.4	972.0	1115.0
22.5°	203.0	232.5	265.6	312.1	409.6	537.0	703.7	943.2	1202.5	1442.1	1672.9
20°	226.2	266.5	319.7	405.3	530.5	718.9	1008.3	1390.7	1772.0	2178.0	2568.8
17.5°	259.3	317.4	400.0	521.9	686.9	1059.5	1529.2	2120.7	2880.5	3569.2	4170.4
15°	290.4	359.8	490.2	672.5	960.3	1454.1	2167.5	3143.7	4328.0	5407.2	6547.1
12.5°	323.1	405.0	554.8	786.8	1186.7	1829.6	2832.2	4169.8	5652.6	7279.2	9132.0
10°	348.9	448.5	627.7	921.9	1414.9	2215.4	3409.7	5031.9	7002.4	9409.6	12371.4
7.5°	366.4	483.2	688.0	1020.8	1624.9	2610.0	4047.7	5997.5	8461.0	11650.1	15794.4
5°	380.0	509.8	733.3	1111.1	1802.6	2911.3	4520.4	6843.1	9757.3	14030.1	21053.5
2.5°	390.9	530.1	761.3	1173.2	1914.2	3121.0	4837.5	7321.5	10528.9	15789.7	24901.6
0°	399.5	548.5	779.6	1211.4	1999.6	3142.0	4936.5	7409.0	10805.8	16107.3	25729.7
-2.5°	403.1	558.3	785.8	1219.8	1991.1	3178.0	4966.7	7479.0	10795.4	15933.2	24804.8
-5°	409.2	558.2	781.1	1211.2	1946.4	3084.9	4769.4	7087.6	10144.2	14562.9	21831.2
-7.5°	413.6	549.3	758.5	1156.3	1829.6	2883.6	4422.8	6439.3	8958.8	12313.8	16815.3
-10°	409.6	532.2	720.8	1064.3	1647.9	2560.8	3895.8	5583.4	7677.3	10163.7	13222.1
-12.5°	394.2	500.7	659.3	935.3	1412.6	2199.1	3365.6	4802.4	6352.3	8098.4	10211.8
-15°	374.7	466.7	603.8	846.9	1238.2	1840.6	2692.3	3857.8	5101.1	6426.9	7840.7
-17.5°	359.5	436.8	550.4	726.3	1014.2	1493.2	2162.4	2990.4	3904.1	4913.5	5751.2
-20°	338.9	400.1	495.4	639.1	858.7	1176.1	1663.5	2265.0	2867.9	3577.6	4156.4

Classified

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

Scaled Data Report



REPORT NUMBER: P627068 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA3B-722-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°	318.4	371.6	444.2	549.3	712.7	952.4	1253.6	1655.3	2096.2	2503.5	2904.6
-25°	299.3	340.3	399.0	485.3	596.1	759.6	974.0	1204.5	1495.1	1743.0	2018.2
-27.5°	283.8	319.0	362.3	425.6	511.6	616.8	770.3	924.7	1077.5	1202.6	1392.1
-30°	268.9	297.2	333.4	378.5	443.0	524.1	623.7	723.9	812.1	892.6	991.2
-32.5°	254.2	277.3	305.1	342.5	388.8	449.8	511.0	582.7	644.0	700.6	753.0
-35°	239.5	260.1	281.2	312.8	349.6	393.0	437.5	486.1	528.6	566.7	600.4
-37.5°	226.3	244.3	264.2	287.7	317.4	350.0	386.4	421.7	449.8	474.5	494.9
-40°	215.1	231.5	248.5	267.3	289.9	315.7	346.6	376.0	395.7	410.8	423.1
-42.5°	205.1	219.5	234.0	250.0	267.4	289.7	314.0	338.4	351.7	363.3	372.3
-45°	197.0	208.1	220.4	234.0	249.4	268.0	287.2	304.0	315.8	325.9	333.4
-47.5°	186.4	197.1	207.7	219.0	233.3	248.8	264.6	277.5	287.9	296.7	302.4
-50°	174.8	186.0	195.6	205.5	218.7	231.9	244.7	255.4	265.2	273.8	278.3
-52.5°	162.7	174.7	184.9	194.5	205.6	217.1	228.6	237.7	246.4	254.5	257.9
-55°	154.0	165.1	175.6	184.7	193.8	203.0	212.4	221.9	230.4	238.0	240.3
-57.5°	144.6	155.9	166.2	174.4	182.6	190.9	199.5	208.1	216.3	223.7	225.6
-60°	133.1	145.3	154.5	162.2	170.2	178.4	185.9	193.5	201.2	207.7	209.7
-62.5°	118.5	129.6	138.7	146.9	154.6	161.7	169.0	176.1	183.0	188.1	189.8
-65°	101.0	110.5	119.9	128.4	136.0	142.9	149.6	156.1	162.4	166.9	169.1
-67.5°	87.2	94.0	101.6	108.9	116.5	123.6	129.7	135.4	140.8	144.6	146.9
-70°	73.9	80.4	87.4	94.4	101.1	106.8	111.7	116.4	121.0	124.3	126.8
-72.5°	61.1	66.6	72.5	78.7	84.8	90.0	94.4	98.6	102.6	105.5	107.8
-75°	49.7	54.2	59.2	64.1	69.1	73.2	76.9	80.5	84.0	86.6	88.7
-77.5°	39.4	43.3	47.1	51.0	54.9	57.9	60.6	63.3	65.9	67.9	69.7
-80°	29.2	32.2	35.3	38.4	41.5	43.8	45.9	47.8	49.6	50.8	51.9
-82.5°	19.9	22.0	24.2	26.4	28.6	30.3	31.9	33.5	35.1	35.7	36.1
-85°	12.7	13.8	14.9	16.1	17.3	18.3	19.2	20.0	20.9	21.6	22.3
-87.5°	7.0	7.3	7.4	7.6	7.8	8.4	9.1	9.8	10.4	10.5	10.6
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



REPORT NUMBER: P627068 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA3B-722-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°	2.0	2.1	2.2	2.2	2.2	2.1	2.0	1.8	1.6	1.7	2.0
60°	7.4	6.6	6.4	6.5	6.4	6.6	7.4	7.9	7.9	9.2	9.6
57.5°	32.9	36.6	37.6	36.7	37.6	36.6	32.9	28.9	25.0	24.5	25.1
55°	47.9	49.0	49.5	49.7	49.5	49.0	47.9	45.9	43.1	40.4	38.2
52.5°	58.6	58.2	58.2	58.3	58.2	58.2	58.6	58.4	57.3	54.6	50.4
50°	88.1	86.5	85.9	86.4	85.9	86.5	88.1	87.8	83.2	75.2	68.8
47.5°	112.7	113.2	113.9	114.5	113.9	113.2	112.7	112.1	107.7	99.1	90.0
45°	131.5	132.7	133.5	133.9	133.5	132.7	131.5	129.8	123.6	114.7	104.5
42.5°	150.8	151.0	150.8	151.2	150.8	151.0	150.8	149.3	142.4	133.1	122.4
40°	178.1	178.6	178.0	177.1	178.0	178.6	178.1	175.7	170.0	158.6	146.5
37.5°	232.7	233.5	230.9	228.9	230.9	233.5	232.7	227.8	219.3	203.8	188.4
35°	321.8	331.0	335.4	336.9	335.4	331.0	321.8	309.3	295.6	280.6	244.7
32.5°	424.2	437.0	443.5	449.2	443.5	437.0	424.2	407.1	382.4	348.5	304.9
30°	570.8	594.5	604.9	619.8	604.9	594.5	570.8	541.0	495.6	441.8	380.2
27.5°	810.1	851.7	874.8	896.2	874.8	851.7	810.1	758.7	668.3	592.6	489.9
25°	1218.9	1299.1	1351.0	1375.6	1351.0	1299.1	1218.9	1115.0	972.0	835.4	666.9
22.5°	1896.2	2044.1	2158.2	2181.0	2158.2	2044.1	1896.2	1672.9	1442.1	1202.5	943.2
20°	2948.0	3159.6	3331.7	3418.4	3331.7	3159.6	2948.0	2568.8	2178.0	1772.0	1390.7
17.5°	4886.5	5326.5	5527.6	5560.6	5527.6	5326.5	4886.5	4170.4	3569.2	2880.5	2120.7
15°	7770.3	8514.9	8987.7	9292.1	8987.7	8514.9	7770.3	6547.1	5407.2	4328.0	3143.7
12.5°	11060.6	13176.6	14380.6	14839.7	14380.6	13176.6	11060.6	9132.0	7279.2	5652.6	4169.8
10°	15526.4	20507.7	23381.2	24827.1	23381.2	20507.7	15526.4	12371.4	9409.6	7002.4	5031.9
7.5°	23105.7	30799.5	39323.9	43267.7	39323.9	30799.5	23105.7	15794.4	11650.1	8461.0	5997.5
5°	31073.5	47965.8	62792.5	69892.4	62792.5	47965.8	31073.5	21053.5	14030.1	9757.3	6843.1
2.5°	40231.2	63012.2	84075.0	92931.5	84075.0	63012.2	40231.2	24901.6	15789.7	10528.9	7321.5
0°	43755.6	70291.9	93327.7	102020.6	93327.7	70291.9	43755.6	25729.7	16107.3	10805.8	7409.0
-2.5°	40776.0	64115.8	84436.9	94369.6	84436.9	64115.8	40776.0	24804.8	15933.2	10795.4	7479.0
-5°	32398.6	48230.3	63280.0	71373.8	63280.0	48230.3	32398.6	21831.2	14562.9	10144.2	7087.6
-7.5°	23778.6	32397.1	40755.3	43677.9	40755.3	32397.1	23778.6	16815.3	12313.8	8958.8	6439.3
-10°	16555.1	21490.4	24748.2	25677.9	24748.2	21490.4	16555.1	13222.1	10163.7	7677.3	5583.4
-12.5°	12273.9	14432.6	15934.6	16195.8	15934.6	14432.6	12273.9	10211.8	8098.4	6352.3	4802.4
-15°	9088.5	10186.3	10961.0	11013.1	10961.0	10186.3	9088.5	7840.7	6426.9	5101.1	3857.8
-17.5°	6643.8	7380.6	7771.6	7743.7	7771.6	7380.6	6643.8	5751.2	4913.5	3904.1	2990.4
-20°	4750.7	5194.8	5509.9	5448.3	5509.9	5194.8	4750.7	4156.4	3577.6	2867.9	2265.0



REPORT NUMBER: P627068 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA3B-722-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°	3312.5	3607.3	3792.0	3744.5	3792.0	3607.3	3312.5	2904.6	2503.5	2096.2	1655.3
-25°	2250.8	2411.4	2502.9	2487.7	2502.9	2411.4	2250.8	2018.2	1743.0	1495.1	1204.5
-27.5°	1533.8	1618.6	1647.0	1645.5	1647.0	1618.6	1533.8	1392.1	1202.6	1077.5	924.7
-30°	1064.6	1121.6	1154.2	1133.7	1154.2	1121.6	1064.6	991.2	892.6	812.1	723.9
-32.5°	793.4	825.6	844.2	824.9	844.2	825.6	793.4	753.0	700.6	644.0	582.7
-35°	625.3	641.6	648.1	637.0	648.1	641.6	625.3	600.4	566.7	528.6	486.1
-37.5°	509.8	519.3	522.6	516.1	522.6	519.3	509.8	494.9	474.5	449.8	421.7
-40°	432.0	437.8	439.3	434.0	439.3	437.8	432.0	423.1	410.8	395.7	376.0
-42.5°	378.0	381.5	382.3	380.1	382.3	381.5	378.0	372.3	363.3	351.7	338.4
-45°	337.8	340.8	341.4	339.0	341.4	340.8	337.8	333.4	325.9	315.8	304.0
-47.5°	305.3	307.1	307.6	306.6	307.6	307.1	305.3	302.4	296.7	287.9	277.5
-50°	280.4	281.6	281.8	280.7	281.8	281.6	280.4	278.3	273.8	265.2	255.4
-52.5°	259.5	260.4	261.0	261.3	261.0	260.4	259.5	257.9	254.5	246.4	237.7
-55°	241.9	243.1	243.8	244.0	243.8	243.1	241.9	240.3	238.0	230.4	221.9
-57.5°	227.0	228.1	228.7	228.9	228.7	228.1	227.0	225.6	223.7	216.3	208.1
-60°	211.4	212.7	213.5	213.8	213.5	212.7	211.4	209.7	207.7	201.2	193.5
-62.5°	190.9	191.4	192.0	192.2	192.0	191.4	190.9	189.8	188.1	183.0	176.1
-65°	170.8	171.9	172.6	172.8	172.6	171.9	170.8	169.1	166.9	162.4	156.1
-67.5°	148.9	150.4	152.0	153.3	152.0	150.4	148.9	146.9	144.6	140.8	135.4
-70°	129.0	130.9	131.6	131.7	131.6	130.9	129.0	126.8	124.3	121.0	116.4
-72.5°	109.9	111.7	113.2	114.5	113.2	111.7	109.9	107.8	105.5	102.6	98.6
-75°	90.7	92.4	92.8	92.9	92.8	92.4	90.7	88.7	86.6	84.0	80.5
-77.5°	71.4	73.0	73.3	73.4	73.3	73.0	71.4	69.7	67.9	65.9	63.3
-80°	52.8	53.7	55.0	56.1	55.0	53.7	52.8	51.9	50.8	49.6	47.8
-82.5°	36.4	36.6	36.7	36.7	36.7	36.6	36.4	36.1	35.7	35.1	33.5
-85°	23.0	23.7	23.8	23.8	23.8	23.7	23.0	22.3	21.6	20.9	20.0
-87.5°	10.7	10.8	10.8	10.8	10.8	10.8	10.7	10.6	10.5	10.4	9.8
-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: P627068 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA3B-722-U-NR-VSR-XX

CANDELA DISTRIBUTION (continued):

	20°	22.5°	25°	27.5°	30°	32.5°	35°	37.5°	40°	42.5°	45°
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
87.5°	0.0	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	0.1
65°	0.5	0.4	0.0	0.0	0.0	0.0	0.1	0.0	0.0	0.1	0.6
62.5°	2.2	2.4	2.5	2.2	1.7	1.0	1.3	1.5	1.0	0.2	0.8
60°	8.1	5.1	7.3	8.1	7.1	5.1	5.2	4.8	4.0	3.2	2.1
57.5°	26.6	25.7	21.1	18.2	17.4	15.4	12.7	10.1	8.9	7.2	5.1
55°	36.7	35.2	32.7	29.2	25.3	24.2	22.0	18.9	15.8	12.3	9.9
52.5°	45.1	45.5	44.1	39.9	36.4	34.1	31.1	28.1	24.4	21.0	16.3
50°	64.4	62.0	59.7	57.3	51.8	46.5	42.7	38.6	33.3	29.4	25.5
47.5°	82.3	78.6	76.1	73.0	66.7	61.1	55.2	49.4	42.9	36.7	32.9
45°	97.6	92.3	87.5	83.5	78.1	71.7	66.4	60.0	52.5	45.4	38.8
42.5°	113.1	105.0	98.6	94.6	88.0	81.4	75.5	70.5	62.4	54.1	47.4
40°	133.7	117.6	111.6	110.0	103.7	93.2	88.1	82.7	74.1	63.2	56.6
37.5°	167.7	146.1	135.5	129.9	124.2	113.3	103.4	96.3	88.6	76.3	66.9
35°	215.8	190.5	167.3	155.4	148.7	133.7	120.8	111.0	101.8	90.2	78.0
32.5°	258.1	229.5	201.8	181.0	166.0	152.2	137.7	125.7	113.5	101.7	89.6
30°	319.7	272.0	233.9	204.5	185.2	168.0	152.7	138.2	124.4	111.9	99.8
27.5°	403.5	327.2	275.5	234.1	205.3	185.0	167.5	150.5	134.9	121.4	109.0
25°	526.7	404.7	327.4	271.6	229.9	203.7	183.8	164.1	145.8	130.5	120.0
22.5°	703.7	537.0	409.6	312.1	265.6	232.5	203.0	178.3	157.5	143.9	131.4
20°	1008.3	718.9	530.5	405.3	319.7	266.5	226.2	197.2	176.0	158.4	142.9
17.5°	1529.2	1059.5	686.9	521.9	400.0	317.4	259.3	220.8	194.1	173.0	154.5
15°	2167.5	1454.1	960.3	672.5	490.2	359.8	290.4	244.2	212.6	188.3	166.2
12.5°	2832.2	1829.6	1186.7	786.8	554.8	405.0	323.1	270.9	231.2	199.4	173.9
10°	3409.7	2215.4	1414.9	921.9	627.7	448.5	348.9	287.7	242.3	207.3	180.5
7.5°	4047.7	2610.0	1624.9	1020.8	688.0	483.2	366.4	299.0	251.5	214.0	185.9
5°	4520.4	2911.3	1802.6	1111.1	733.3	509.8	380.0	307.1	258.6	219.3	190.2
2.5°	4837.5	3121.0	1914.2	1173.2	761.3	530.1	390.9	314.7	264.2	224.6	194.9
0°	4936.5	3142.0	1999.6	1211.4	779.6	548.5	399.5	321.8	267.8	228.9	198.7
-2.5°	4966.7	3178.0	1991.1	1219.8	785.8	558.3	403.1	323.1	270.6	230.5	199.2
-5°	4769.4	3084.9	1946.4	1211.2	781.1	558.2	409.2	325.4	272.1	231.0	198.7
-7.5°	4422.8	2883.6	1829.6	1156.3	758.5	549.3	413.6	328.5	273.6	232.7	200.3
-10°	3895.8	2560.8	1647.9	1064.3	720.8	532.2	409.6	326.8	272.7	232.4	200.6
-12.5°	3365.6	2199.1	1412.6	935.3	659.3	500.7	394.2	320.1	269.3	230.1	199.7
-15°	2692.3	1840.6	1238.2	846.9	603.8	466.7	374.7	309.6	263.5	225.8	197.4
-17.5°	2162.4	1493.2	1014.2	726.3	550.4	436.8	359.5	301.1	256.7	221.5	194.4
-20°	1663.5	1176.1	858.7	639.1	495.4	400.1	338.9	288.6	248.9	217.0	191.5



REPORT NUMBER: P627068 (CONVERTED FROM TYPE C PHOTOMETRY)

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

CANDELA DISTRIBUTION (continued):

	20°	22.5°	25°	27.5°	30°	32.5°	35°	37.5°	40°	42.5°	45°
-22.5°	1253.6	952.4	712.7	549.3	444.2	371.6	318.4	274.7	239.4	210.5	187.7
-25°	974.0	759.6	596.1	485.3	399.0	340.3	299.3	263.6	231.9	204.1	183.2
-27.5°	770.3	616.8	511.6	425.6	362.3	319.0	283.8	252.2	223.8	199.3	178.5
-30°	623.7	524.1	443.0	378.5	333.4	297.2	268.9	242.4	216.2	193.1	173.5
-32.5°	511.0	449.8	388.8	342.5	305.1	277.3	254.2	231.9	207.0	186.7	168.3
-35°	437.5	393.0	349.6	312.8	281.2	260.1	239.5	218.7	198.4	179.5	162.4
-37.5°	386.4	350.0	317.4	287.7	264.2	244.3	226.3	207.9	189.4	172.1	156.3
-40°	346.6	315.7	289.9	267.3	248.5	231.5	215.1	198.1	181.6	164.3	149.7
-42.5°	314.0	289.7	267.4	250.0	234.0	219.5	205.1	190.2	174.1	157.8	142.4
-45°	287.2	268.0	249.4	234.0	220.4	208.1	197.0	182.2	166.5	150.1	134.5
-47.5°	264.6	248.8	233.3	219.0	207.7	197.1	186.4	173.4	156.9	141.4	128.1
-50°	244.7	231.9	218.7	205.5	195.6	186.0	174.8	161.1	146.8	134.1	121.6
-52.5°	228.6	217.1	205.6	194.5	184.9	174.7	162.7	150.9	138.7	126.8	115.2
-55°	212.4	203.0	193.8	184.7	175.6	165.1	154.0	142.2	130.3	119.1	107.3
-57.5°	199.5	190.9	182.6	174.4	166.2	155.9	144.6	133.0	120.7	109.5	98.4
-60°	185.9	178.4	170.2	162.2	154.5	145.3	133.1	121.2	109.9	99.2	88.5
-62.5°	169.0	161.7	154.6	146.9	138.7	129.6	118.5	107.6	97.8	88.4	78.8
-65°	149.6	142.9	136.0	128.4	119.9	110.5	101.0	93.0	85.4	77.5	69.0
-67.5°	129.7	123.6	116.5	108.9	101.6	94.0	87.2	80.3	73.2	66.0	58.4
-70°	111.7	106.8	101.1	94.4	87.4	80.4	73.9	67.5	60.9	54.8	49.0
-72.5°	94.4	90.0	84.8	78.7	72.5	66.6	61.1	55.9	50.8	45.8	40.6
-75°	76.9	73.2	69.1	64.1	59.2	54.2	49.7	45.5	41.1	36.7	32.3
-77.5°	60.6	57.9	54.9	51.0	47.1	43.3	39.4	35.6	32.0	28.7	25.6
-80°	45.9	43.8	41.5	38.4	35.3	32.2	29.2	26.6	24.2	22.0	19.8
-82.5°	31.9	30.3	28.6	26.4	24.2	22.0	19.9	18.4	16.8	15.4	14.0
-85°	19.2	18.3	17.3	16.1	14.9	13.8	12.7	11.9	11.0	10.1	9.2
-87.5°	9.1	8.4	7.8	7.6	7.4	7.3	7.0	6.4	5.8	5.2	4.6
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



REPORT NUMBER: P627068 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA3B-722-U-NR-VSR-XX

CANDELA DISTRIBUTION (continued):

	47.5°	50°	52.5°	55°	57.5°	60°	62.5°	65°	67.5°	70°	72.5°
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
87.5°	0.0	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	0.5	0.5	0.1
70°	0.0	0.0	0.0	0.2	0.2	0.0	0.0	0.3	0.8	0.9	0.7
67.5°	0.0	0.0	0.0	0.5	0.7	0.6	0.1	0.4	0.9	1.4	1.2
65°	0.7	0.5	0.0	0.6	1.1	1.4	1.1	0.7	1.0	1.5	1.8
62.5°	1.3	1.7	1.2	0.9	1.2	1.7	2.0	1.4	1.1	1.6	2.1
60°	1.4	2.0	2.2	1.7	1.5	1.9	2.2	2.0	1.6	1.7	2.1
57.5°	3.8	2.5	2.5	2.4	2.0	2.0	2.2	2.2	2.0	1.9	2.2
55°	7.1	5.2	3.7	2.9	2.5	2.2	2.3	2.2	2.2	2.0	2.2
52.5°	12.3	8.9	6.5	4.4	3.3	2.5	2.5	2.2	2.2	2.2	2.2
50°	19.5	14.0	10.3	7.4	4.6	3.6	2.8	2.5	2.2	2.2	2.2
47.5°	28.5	21.0	15.0	10.8	7.6	4.9	3.8	3.0	2.2	2.2	2.2
45°	35.3	29.3	20.9	15.1	10.7	7.3	5.2	3.6	2.7	2.3	2.2
42.5°	41.9	36.4	28.5	19.4	14.7	10.1	6.6	4.8	3.3	2.4	2.3
40°	50.2	43.5	35.7	26.5	19.1	12.9	9.0	6.1	4.0	2.8	2.4
37.5°	58.9	51.3	42.9	33.3	24.0	17.1	11.4	7.6	5.0	3.5	2.7
35°	68.6	59.5	50.0	39.8	29.9	21.4	13.7	9.3	6.3	4.3	2.9
32.5°	78.5	67.4	56.6	46.0	35.5	25.9	17.0	11.5	7.7	5.1	3.2
30°	88.0	75.2	62.6	52.0	40.7	30.6	21.1	14.0	8.9	6.0	3.6
27.5°	96.6	82.8	68.5	57.4	45.9	35.0	25.2	16.6	10.2	6.9	4.3
25°	105.6	90.6	75.2	62.2	50.9	39.5	29.0	19.4	12.0	8.0	5.0
22.5°	115.9	98.4	81.7	66.5	56.1	43.8	32.7	22.7	14.2	8.9	5.7
20°	127.0	106.1	88.2	72.6	60.9	48.3	36.3	25.7	16.4	9.9	6.3
17.5°	138.3	114.6	96.1	79.6	65.8	52.5	39.8	28.5	18.6	10.8	7.0
15°	146.0	123.1	103.1	86.2	70.6	56.4	43.0	31.0	20.8	11.6	7.7
12.5°	152.4	130.5	109.4	92.2	75.4	59.9	46.1	33.3	22.9	12.7	8.3
10°	158.1	136.7	114.8	97.7	80.0	63.1	48.9	35.3	24.9	14.1	8.9
7.5°	163.0	141.7	119.5	102.8	84.4	66.3	51.2	37.0	26.6	15.5	9.5
5°	167.1	146.1	123.4	106.0	88.5	69.7	53.2	38.6	28.0	16.8	10.0
2.5°	170.4	150.1	126.8	108.3	92.0	72.9	54.8	39.9	29.2	18.2	10.4
0°	172.8	153.3	129.6	110.1	95.0	75.6	56.1	41.0	30.2	19.4	10.8
-2.5°	174.4	153.8	132.6	112.1	96.8	77.8	58.7	42.4	31.0	20.5	11.4
-5°	175.0	153.8	134.8	113.7	98.1	79.6	60.9	43.5	31.7	21.5	12.0
-7.5°	176.0	154.5	136.0	114.9	99.0	81.0	62.6	44.4	32.2	22.2	12.6
-10°	176.4	155.2	136.3	116.5	99.7	82.0	63.7	45.0	32.5	22.8	13.0
-12.5°	175.8	155.2	136.2	117.3	100.1	82.6	64.3	45.8	32.8	23.2	13.4
-15°	174.5	154.3	135.9	117.4	100.0	82.8	64.5	46.6	33.5	23.2	13.8
-17.5°	172.3	152.5	135.3	116.7	99.6	82.7	64.3	46.9	33.8	23.1	14.1
-20°	170.2	150.8	134.6	115.1	98.9	82.3	63.8	46.9	33.8	22.8	14.4

Classified

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



REPORT NUMBER: P627068 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA3B-722-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°	167.4	149.3	132.2	113.6	97.8	81.5	62.9	46.3	33.4	22.2	14.5
-25°	163.8	146.9	129.5	112.4	96.4	80.0	61.8	45.3	32.6	21.6	14.6
-27.5°	160.3	143.8	126.6	110.7	94.5	78.1	60.4	44.3	31.5	20.7	14.6
-30°	156.2	140.2	124.1	108.4	91.9	75.5	58.4	42.8	30.3	20.2	14.4
-32.5°	151.7	136.6	121.3	104.9	88.6	72.6	55.9	40.8	29.0	20.0	14.2
-35°	147.1	132.6	117.8	100.6	85.1	69.4	53.3	38.2	27.5	19.6	14.0
-37.5°	141.7	127.7	112.3	95.9	81.3	66.0	51.0	36.7	25.7	19.0	13.8
-40°	135.7	121.6	105.9	91.6	77.3	62.4	48.4	35.4	24.6	18.3	13.5
-42.5°	128.9	114.9	100.8	87.1	73.1	59.3	45.7	33.7	24.1	17.7	13.1
-45°	121.9	108.7	96.0	82.5	68.9	56.1	43.4	31.8	23.4	17.2	12.7
-47.5°	115.3	103.5	90.8	77.6	65.3	52.8	40.8	30.6	22.4	16.6	12.2
-50°	109.8	97.8	85.1	72.5	60.9	49.4	38.1	29.1	21.5	16.0	11.7
-52.5°	103.4	91.3	78.9	67.0	56.3	45.7	35.8	27.2	20.4	15.2	11.1
-55°	95.8	83.8	71.9	61.5	51.5	42.2	33.1	25.2	18.8	14.3	10.3
-57.5°	87.0	75.3	65.6	56.1	46.7	38.2	30.1	22.9	17.5	13.3	9.5
-60°	77.9	68.5	59.5	50.3	41.7	33.9	26.7	20.5	16.1	12.1	8.6
-62.5°	69.8	61.2	52.4	43.9	36.4	29.4	23.1	18.6	14.5	10.9	7.6
-65°	60.7	52.5	44.6	37.7	31.1	25.2	20.8	16.6	12.9	9.5	6.7
-67.5°	50.9	44.4	37.8	31.5	26.6	22.2	18.2	14.5	11.1	8.1	6.2
-70°	43.0	36.9	31.5	27.1	23.0	19.1	15.5	12.2	9.2	7.2	5.5
-72.5°	35.5	30.8	26.6	22.7	19.2	15.8	12.7	10.0	8.0	6.3	4.9
-75°	28.3	24.9	21.5	18.2	15.2	12.5	10.4	8.5	6.8	5.4	4.3
-77.5°	22.7	19.6	16.5	14.2	12.3	10.5	8.6	6.8	5.6	4.7	3.7
-80°	17.5	15.3	13.5	11.9	10.2	8.5	7.0	5.7	4.8	4.0	3.1
-82.5°	12.6	11.4	10.4	9.5	8.2	6.9	5.8	4.8	4.1	3.3	2.4
-85°	8.6	8.0	7.5	7.1	6.2	5.4	4.5	3.6	2.9	2.2	1.6
-87.5°	4.4	4.2	4.0	3.7	3.2	2.7	2.2	1.8	1.4	1.1	0.8
-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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REPORT NUMBER: P627068 (CONVERTED FROM TYPE C PHOTOMETRY)

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

CANDELA DISTRIBUTION (continued):

	75°	77.5°	80°	82.5°	85°	87.5°	90°
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0
87.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0
85°	0.0	0.0	0.0	0.0	0.0	0.1	0.0
82.5°	0.0	0.0	0.0	0.0	0.0	0.1	0.0
80°	0.0	0.0	0.0	0.0	0.0	0.2	0.0
77.5°	0.0	0.0	0.0	0.0	0.0	0.2	0.0
75°	0.1	0.2	0.0	0.0	0.0	0.3	0.0
72.5°	0.1	0.3	0.2	0.0	0.1	0.3	0.0
70°	0.3	0.5	0.4	0.0	0.1	0.4	0.0
67.5°	0.8	0.7	0.7	0.3	0.1	0.5	0.0
65°	1.3	0.9	0.9	0.5	0.2	0.5	0.0
62.5°	1.7	1.2	1.1	0.7	0.2	0.6	0.0
60°	2.2	1.5	1.4	0.9	0.3	0.6	0.0
57.5°	2.2	1.8	1.5	1.2	0.5	0.7	0.0
55°	2.2	2.0	1.7	1.4	0.7	0.7	0.0
52.5°	2.2	2.2	1.8	1.6	0.8	0.8	0.0
50°	2.2	2.2	1.9	1.9	1.0	0.9	0.0
47.5°	2.2	2.2	2.0	2.1	1.1	0.9	0.0
45°	2.2	2.2	2.1	2.1	1.3	1.0	0.0
42.5°	2.2	2.2	2.2	2.2	1.4	1.1	0.0
40°	2.2	2.2	2.2	2.2	1.5	1.1	0.0
37.5°	2.2	2.2	2.2	2.2	1.6	1.2	0.0
35°	2.2	2.2	2.2	2.2	1.7	1.3	0.0
32.5°	2.3	2.2	2.2	2.2	1.8	1.4	0.0
30°	2.5	2.2	2.2	2.2	1.9	1.4	0.0
27.5°	2.7	2.2	2.2	2.2	2.0	1.5	0.0
25°	3.0	2.2	2.2	2.2	2.0	1.6	0.0
22.5°	3.2	2.2	2.2	2.2	2.1	1.6	0.0
20°	3.5	2.4	2.2	2.2	2.1	1.7	0.0
17.5°	3.9	2.6	2.2	2.2	2.1	1.8	0.0
15°	4.3	2.8	2.2	2.2	2.2	1.8	0.0
12.5°	4.7	3.0	2.2	2.2	2.2	1.9	0.0
10°	5.1	3.3	2.2	2.2	2.2	2.0	0.0
7.5°	5.5	3.5	2.2	2.2	2.2	2.0	0.0
5°	5.9	3.8	2.2	2.2	2.2	2.1	0.0
2.5°	6.2	4.1	2.2	2.2	2.2	2.1	0.0
0°	6.5	4.3	2.2	2.2	2.2	2.2	0.0
-2.5°	7.1	4.5	2.4	2.2	2.2	2.2	0.0
-5°	7.6	4.7	2.6	2.2	2.2	2.2	0.0
-7.5°	8.1	4.9	2.7	2.2	2.2	2.2	0.0
-10°	8.5	5.1	2.9	2.2	2.2	2.2	0.0
-12.5°	8.8	5.2	3.0	2.2	2.2	2.1	0.0
-15°	9.1	5.4	3.1	2.2	2.2	2.1	0.0
-17.5°	9.3	5.5	3.2	2.2	2.2	2.1	0.0
-20°	9.4	5.5	3.3	2.2	2.2	2.1	0.0

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

CANDELA DISTRIBUTION (continued):

	75°	77.5°	80°	82.5°	85°	87.5°	90°
-22.5°	9.5	5.6	3.3	2.2	2.2	2.0	0.0
-25°	9.6	5.7	3.3	2.2	2.2	2.0	0.0
-27.5°	9.6	5.9	3.3	2.2	2.2	2.0	0.0
-30°	9.5	6.0	3.2	2.2	2.2	1.9	0.0
-32.5°	9.4	6.0	3.2	2.2	2.2	1.9	0.0
-35°	9.4	6.0	3.1	2.2	2.2	1.8	0.0
-37.5°	9.4	5.9	3.1	2.2	2.2	1.7	0.0
-40°	9.2	5.8	3.0	2.2	2.2	1.7	0.0
-42.5°	9.0	5.6	2.9	2.2	2.2	1.6	0.0
-45°	8.8	5.4	3.0	2.3	2.2	1.6	0.0
-47.5°	8.4	5.1	3.1	2.3	2.2	1.5	0.0
-50°	8.0	4.8	3.1	2.3	2.2	1.4	0.0
-52.5°	7.5	4.4	3.1	2.4	2.2	1.3	0.0
-55°	6.9	4.3	3.1	2.4	2.2	1.3	0.0
-57.5°	6.3	4.2	3.0	2.4	2.2	1.2	0.0
-60°	5.6	4.1	3.0	2.4	2.2	1.1	0.0
-62.5°	5.3	3.9	2.9	2.3	2.0	1.0	0.0
-65°	5.0	3.7	2.8	2.3	1.9	0.9	0.0
-67.5°	4.6	3.4	2.7	2.3	1.7	0.8	0.0
-70°	4.2	3.2	2.5	2.2	1.5	0.8	0.0
-72.5°	3.7	2.9	2.4	2.0	1.3	0.7	0.0
-75°	3.3	2.6	2.2	1.7	1.1	0.6	0.0
-77.5°	2.8	2.3	1.9	1.4	1.0	0.5	0.0
-80°	2.3	1.9	1.5	1.1	0.8	0.4	0.0
-82.5°	1.7	1.4	1.1	0.9	0.6	0.3	0.0
-85°	1.1	1.0	0.8	0.6	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)