

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: P626649 (CONVERTED FROM TYPE C PHOTOMETRY)

Luminaire Tested: **GFLD-SA1C-722-U-NR-XX**

Issue Date: 12/7/2022

Test Information

Test Method: LM-79-08
Report Number: P626649 (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-SA1C-722-U-NR-XX
Description: GALLEON FLOOD, ONE LIGHT SQAURE, NARROW SYMMETRICAL ROUND N5
Light Source: (16) 2200K CCT, 70 CRI LEDS
Ballast/Driver: -

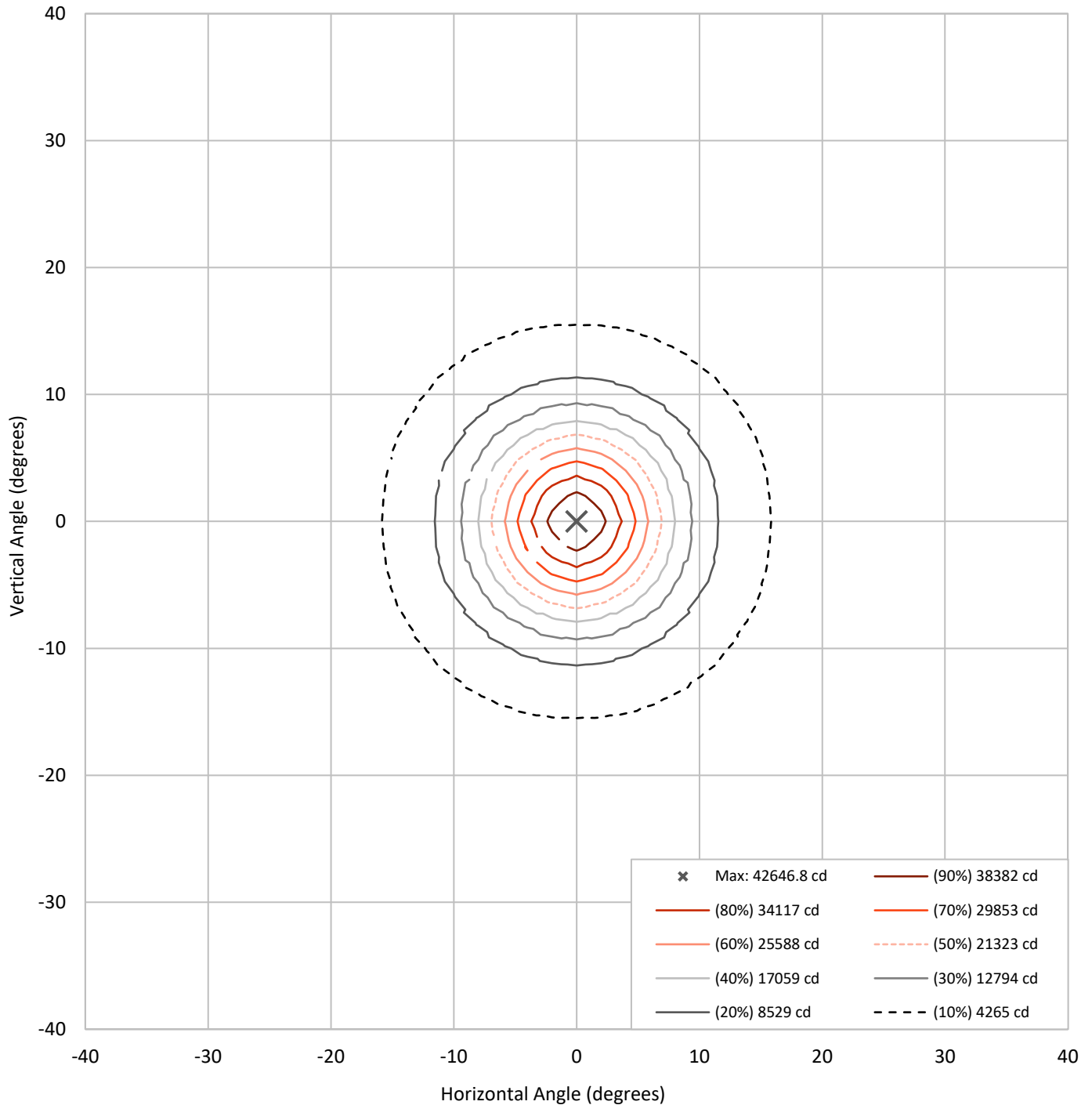
Summary

Lumens per Lamp:	N/A	NEMA Type:	3H x 3V
Luminaire Lumens:	4528.5 lumens	Max Intensity:	42646.8 candela
Efficiency:	N/A	Max Intensity Angle:	0°H x 0°V
Efficacy:	104.1 lumens/watt		
Luminous Opening:	Rectangular (W 0.5' x L: 0.5' x H: 0')		
Beam Angle (50%):	13.7°H x 13.6°V	Field Angle (10%):	31.6°H x 30.6°V
Beam Lumens:	1338.9 lumens	Field Lumens:	3013 lumens
Beam Efficiency:	29.6%	Field Efficiency:	66.5%
Input Watts (W):	43.5		
Input Voltage (V):	120		
Input Current (Ain):	NR		
Voltage Rise (V):	NR		
Power Factor:	NR		
Total Harmonic Distortion (THDi):	NR		
Frequency (hertz):	60		
Stabilization Time:	NR		
Operation Time:	NR		
Ambient Temperature (°C):	NR		
Test Distance:	25 FT		



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Iso-Candela Plot





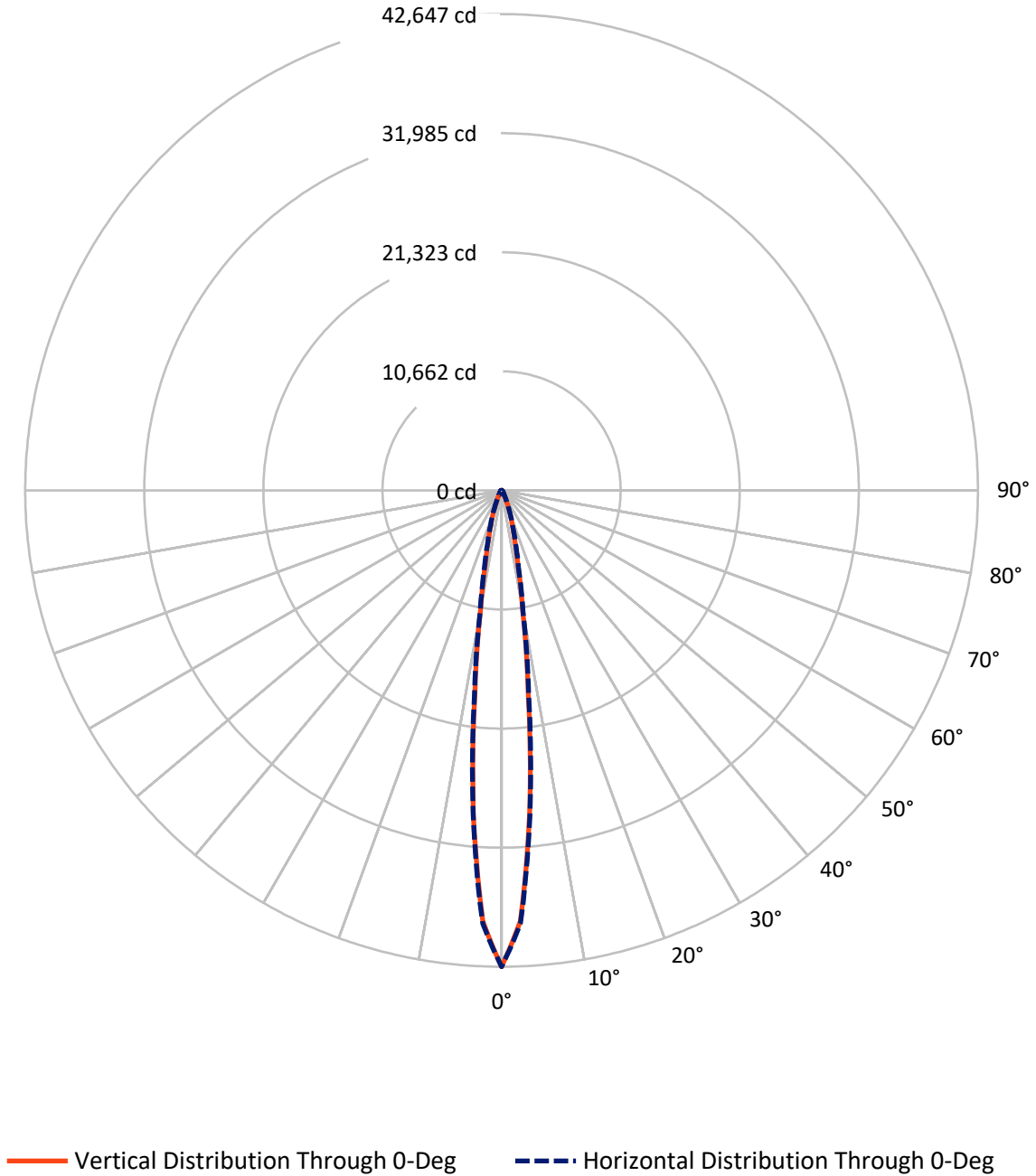
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Lumen Table

90	0.1	0.6		1.6		2.6		2.9		2.6		1.6		0.6		0.1			
80	0.1	0.6		1.6		2.6		2.9		2.6		1.6		0.6		0.1			
70	0.3	0.3	0.7	1.1	1.5	1.9	2.1	2.2	2.2	2.1	1.9	1.5	1.1	0.7	0.3	0.3			
60		0.5	1.0	1.6	2.1	2.6	2.9	3.0	3.0	2.9	2.6	2.1	1.6	1.0	0.5				
50	0.5	0.6	1.3	2.0	2.6	3.3	3.9	4.2	4.2	3.9	3.3	2.6	2.0	1.3	0.6	0.5			
40		0.8	1.5	2.3	3.2	4.6	6.5	8.1	8.1	6.5	4.6	3.2	2.3	1.5	0.8				
30	0.6	0.9	1.6	2.6	4.2	8.3	18.8	31.2	31.2	18.8	8.3	4.2	2.6	1.6	0.9	0.6			
20		0.9	1.7	2.8	5.5	17.6	62.4	134.4	134.4	62.4	17.6	5.5	2.8	1.7	0.9				
10	0.7	0.9	1.8	3.0	6.7	29.0	135.6	585.9	585.9	135.6	29.0	6.7	3.0	1.8	0.9	0.7			
0		0.9	1.8	3.0	6.7	29.0	135.6	585.9	585.9	135.6	29.0	6.7	3.0	1.8	0.9				
-10	0.6	0.9	1.7	2.8	5.5	17.6	62.4	134.4	134.4	62.4	17.6	5.5	2.8	1.7	0.9	0.6			
-20		0.9	1.6	2.6	4.2	8.3	18.8	31.2	31.2	18.8	8.3	4.2	2.6	1.6	0.9				
-30	0.5	0.8	1.5	2.3	3.2	4.6	6.5	8.1	8.1	6.5	4.6	3.2	2.3	1.5	0.8	0.5			
-40		0.6	1.3	2.0	2.6	3.3	3.9	4.2	4.2	3.9	3.3	2.6	2.0	1.3	0.6				
-50	0.3	0.5	1.0	1.6	2.1	2.6	2.9	3.0	3.0	2.9	2.6	2.1	1.6	1.0	0.5	0.3			
-60		0.3	0.7	1.1	1.5	1.9	2.1	2.2	2.2	2.1	1.9	1.5	1.1	0.7	0.3				
-70	0.1	0.6		1.6		2.6		2.9		2.6		1.6		0.6		0.1			
-80		0.6		1.6		2.6		2.9		2.6		1.6		0.6					
-90	0.1	0.6		1.6		2.6		2.9		2.6		1.6		0.6		0.1			
	-90	-80	-70	-60	-50	-40	-30	-20	-10	0	10	20	30	40	50	60	70	80	90

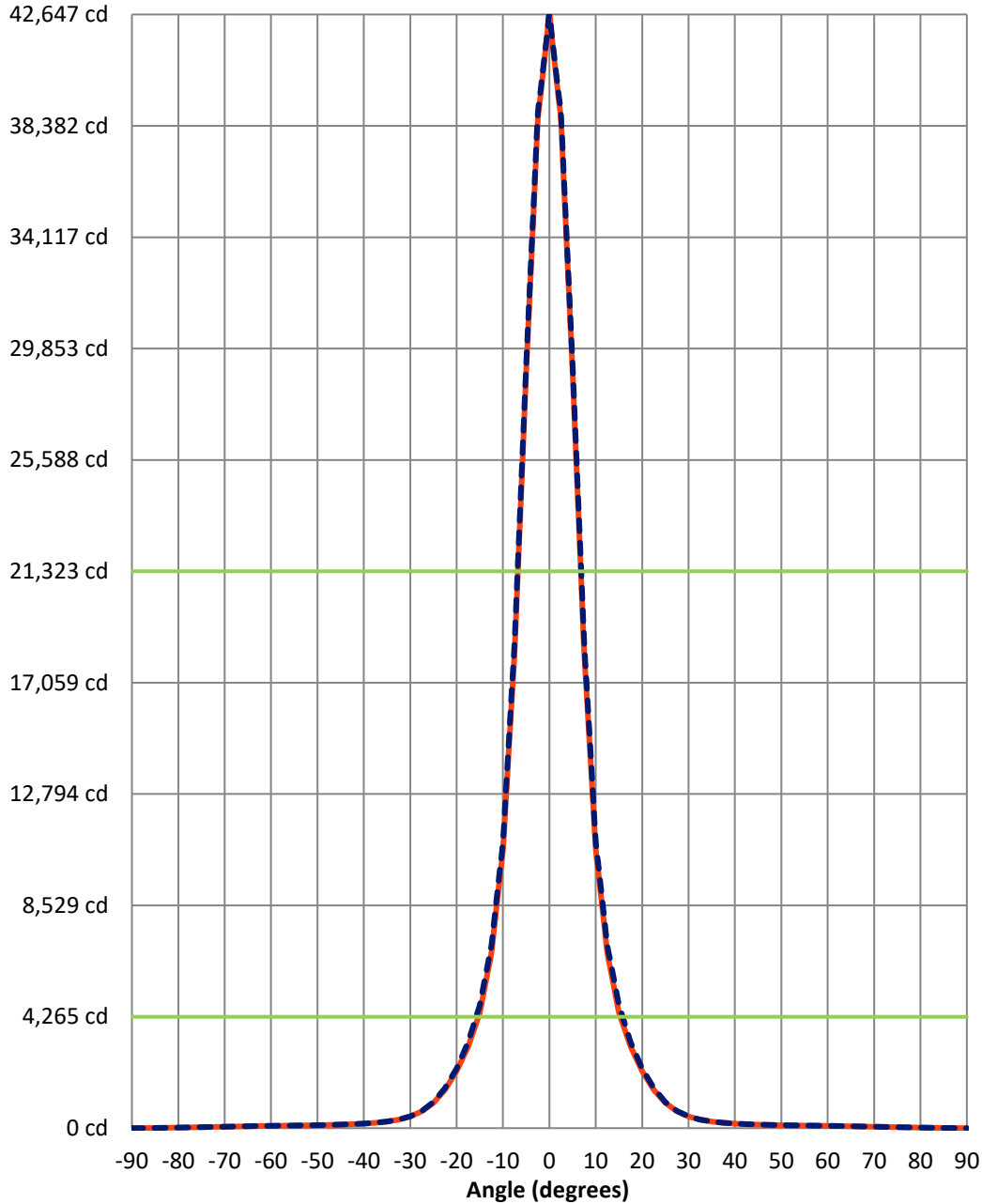
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Luminous Intensity Polar Plot



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Luminous Intensity Plot



Beam:
 H Angle: 13.7°
 V Angle: 13.6°
 Lumens: 1338.9
 Efficiency: 29.6%

Field:
 H Angle: 31.6°
 V Angle: 30.6°
 Lumens: 3013
 Efficiency: 66.5%

Spill:
 Lumens: 1515.5
 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	0.1	0.3	0.5	0.6	0.8	1.0	1.1	1.3	1.4	1.6
85°	0.0	0.3	0.6	1.0	1.3	1.6	1.9	2.2	2.5	2.8	3.1
82.5°	0.0	0.4	1.0	1.4	1.9	2.4	2.9	3.3	3.8	4.5	5.1
80°	0.0	0.6	1.3	1.9	2.6	3.2	3.9	4.8	5.7	6.5	7.4
77.5°	0.0	0.7	1.6	2.4	3.2	4.1	5.2	6.4	7.5	8.6	9.7
75°	0.0	0.8	1.9	2.9	3.8	5.2	6.6	7.9	9.3	10.9	12.4
72.5°	0.0	1.0	2.2	3.3	4.7	6.2	7.9	9.6	11.4	13.2	15.0
70°	0.0	1.1	2.5	3.8	5.5	7.3	9.2	11.4	13.5	15.6	17.9
67.5°	0.0	1.2	2.8	4.4	6.3	8.3	10.8	13.2	15.6	18.2	20.8
65°	0.0	1.3	3.0	4.9	7.0	9.4	12.3	15.0	17.9	20.8	23.8
62.5°	0.0	1.5	3.3	5.5	7.8	10.6	13.7	16.9	20.1	23.4	27.3
60°	0.0	1.6	3.6	6.0	8.5	11.8	15.2	18.9	22.4	26.4	30.7
57.5°	0.0	1.7	3.9	6.5	9.4	13.0	16.7	20.7	24.8	29.3	33.9
55°	0.0	1.8	4.2	7.0	10.3	14.1	18.3	22.6	27.2	32.0	37.0
52.5°	0.0	1.9	4.5	7.5	11.2	15.3	19.8	24.5	29.6	34.7	39.9
50°	0.0	2.0	4.8	7.9	12.0	16.5	21.3	26.5	31.8	37.2	42.8
47.5°	0.0	2.1	5.1	8.4	12.9	17.6	22.7	28.3	33.9	39.6	45.6
45°	0.0	2.2	5.4	9.0	13.6	18.8	24.2	30.1	36.0	42.1	48.3
42.5°	0.0	2.2	5.7	9.5	14.4	19.8	25.7	31.8	37.9	44.4	51.0
40°	0.0	2.3	5.9	10.1	15.2	20.8	27.1	33.5	39.8	46.7	53.6
37.5°	0.0	2.4	6.2	10.6	15.9	21.8	28.4	35.0	41.7	48.9	56.1
35°	0.0	2.4	6.4	11.1	16.6	22.8	29.7	36.4	43.5	50.9	58.5
32.5°	0.0	2.5	6.6	11.6	17.3	23.8	30.8	37.8	45.1	52.8	60.6
30°	0.0	2.6	6.9	12.0	18.0	24.7	31.9	39.1	46.6	54.6	62.5
27.5°	0.0	2.6	7.1	12.4	18.6	25.5	32.9	40.3	48.0	56.2	64.2
25°	0.0	2.6	7.2	12.8	19.1	26.3	33.8	41.4	49.3	57.7	65.7
22.5°	0.0	2.7	7.4	13.1	19.7	27.0	34.7	42.4	50.5	58.9	67.0
20°	0.0	2.7	7.6	13.4	20.1	27.6	35.4	43.2	51.5	60.0	68.2
17.5°	0.0	2.7	7.7	13.7	20.5	28.1	36.0	43.9	52.4	60.9	69.3
15°	0.0	2.7	7.8	13.9	20.9	28.5	36.5	44.6	53.2	61.6	70.2
12.5°	0.0	2.7	7.9	14.1	21.2	28.8	36.9	45.2	53.8	62.2	71.0
10°	0.0	2.7	8.0	14.3	21.5	29.0	37.2	45.7	54.3	62.8	71.7
7.5°	0.0	2.7	8.1	14.4	21.6	29.2	37.4	46.1	54.7	63.3	72.5
5°	0.0	2.7	8.2	14.5	21.8	29.3	37.5	46.4	54.9	63.7	73.2
2.5°	0.0	2.7	8.2	14.6	21.9	29.3	37.6	46.5	54.9	63.9	73.7
0°	0.0	2.7	8.2	14.6	21.9	29.2	37.5	46.6	54.8	64.0	74.0
-2.5°	0.0	2.7	8.2	14.6	21.9	29.3	37.6	46.5	54.9	63.9	73.7
-5°	0.0	2.7	8.2	14.5	21.8	29.3	37.5	46.4	54.9	63.7	73.2
-7.5°	0.0	2.7	8.1	14.4	21.6	29.2	37.4	46.1	54.7	63.3	72.5
-10°	0.0	2.7	8.0	14.3	21.5	29.0	37.2	45.7	54.3	62.8	71.7
-12.5°	0.0	2.7	7.9	14.1	21.2	28.8	36.9	45.2	53.8	62.2	71.0
-15°	0.0	2.7	7.8	13.9	20.9	28.5	36.5	44.6	53.2	61.6	70.2
-17.5°	0.0	2.7	7.7	13.7	20.5	28.1	36.0	43.9	52.4	60.9	69.3
-20°	0.0	2.7	7.6	13.4	20.1	27.6	35.4	43.2	51.5	60.0	68.2

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REPORT NUMBER: P626649 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA1C-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	2.7	7.4	13.1	19.7	27.0	34.7	42.4	50.5	58.9	67.0
-25°	0.0	2.6	7.2	12.8	19.1	26.3	33.8	41.4	49.3	57.7	65.7
-27.5°	0.0	2.6	7.1	12.4	18.6	25.5	32.9	40.3	48.0	56.2	64.2
-30°	0.0	2.6	6.9	12.0	18.0	24.7	31.9	39.1	46.6	54.6	62.5
-32.5°	0.0	2.5	6.6	11.6	17.3	23.8	30.8	37.8	45.1	52.8	60.6
-35°	0.0	2.4	6.4	11.1	16.6	22.8	29.7	36.4	43.5	50.9	58.5
-37.5°	0.0	2.4	6.2	10.6	15.9	21.8	28.4	35.0	41.7	48.9	56.1
-40°	0.0	2.3	5.9	10.1	15.2	20.8	27.1	33.5	39.8	46.7	53.6
-42.5°	0.0	2.2	5.7	9.5	14.4	19.8	25.7	31.8	37.9	44.4	51.0
-45°	0.0	2.2	5.4	9.0	13.6	18.8	24.2	30.1	36.0	42.1	48.3
-47.5°	0.0	2.1	5.1	8.4	12.9	17.6	22.7	28.3	33.9	39.6	45.6
-50°	0.0	2.0	4.8	7.9	12.0	16.5	21.3	26.5	31.8	37.2	42.8
-52.5°	0.0	1.9	4.5	7.5	11.2	15.3	19.8	24.5	29.6	34.7	39.9
-55°	0.0	1.8	4.2	7.0	10.3	14.1	18.3	22.6	27.2	32.0	37.0
-57.5°	0.0	1.7	3.9	6.5	9.4	13.0	16.7	20.7	24.8	29.3	33.9
-60°	0.0	1.6	3.6	6.0	8.5	11.8	15.2	18.9	22.4	26.4	30.7
-62.5°	0.0	1.5	3.3	5.5	7.8	10.6	13.7	16.9	20.1	23.4	27.3
-65°	0.0	1.3	3.0	4.9	7.0	9.4	12.3	15.0	17.9	20.8	23.8
-67.5°	0.0	1.2	2.8	4.4	6.3	8.3	10.8	13.2	15.6	18.2	20.8
-70°	0.0	1.1	2.5	3.8	5.5	7.3	9.2	11.4	13.5	15.6	17.9
-72.5°	0.0	1.0	2.2	3.3	4.7	6.2	7.9	9.6	11.4	13.2	15.0
-75°	0.0	0.8	1.9	2.9	3.8	5.2	6.6	7.9	9.3	10.9	12.4
-77.5°	0.0	0.7	1.6	2.4	3.2	4.1	5.2	6.4	7.5	8.6	9.7
-80°	0.0	0.6	1.3	1.9	2.6	3.2	3.9	4.8	5.7	6.5	7.4
-82.5°	0.0	0.4	1.0	1.4	1.9	2.4	2.9	3.3	3.8	4.5	5.1
-85°	0.0	0.3	0.6	1.0	1.3	1.6	1.9	2.2	2.5	2.8	3.1
-87.5°	0.0	0.1	0.3	0.5	0.6	0.8	1.0	1.1	1.3	1.4	1.6
-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°	1.7	1.8	2.0	2.1	2.3	2.4	2.5	2.6	2.7	2.8	2.9
85°	3.4	3.7	4.1	4.5	4.8	5.1	5.4	5.6	5.9	6.3	6.7
82.5°	5.8	6.4	7.0	7.6	8.0	8.3	8.6	9.1	9.9	10.7	11.4
80°	8.2	9.1	10.0	10.9	11.7	12.5	13.4	14.2	15.1	15.9	16.7
77.5°	11.0	12.2	13.4	14.6	15.7	17.0	18.2	19.3	20.4	21.5	22.5
75°	13.9	15.3	16.9	18.5	20.1	21.6	23.0	24.6	26.1	27.6	28.9
72.5°	16.9	18.9	20.8	22.6	24.6	26.6	28.5	30.4	32.1	34.0	35.9
70°	20.1	22.4	24.8	27.2	29.5	31.9	34.2	36.2	38.1	40.7	43.3
67.5°	23.4	26.5	29.3	32.0	35.0	37.7	40.1	42.7	45.4	48.4	51.0
65°	27.4	30.7	33.9	37.3	40.7	43.6	46.6	49.8	52.9	55.9	58.7
62.5°	31.3	35.0	38.7	42.4	45.9	49.4	53.0	56.5	59.9	63.4	66.4
60°	35.0	39.2	43.1	47.0	51.0	55.3	59.3	63.2	67.3	71.2	73.2
57.5°	38.6	43.0	47.2	51.5	56.2	61.0	65.2	69.7	73.2	75.9	78.6
55°	42.0	46.6	51.1	56.0	61.1	66.1	70.8	74.8	78.0	80.5	83.3
52.5°	45.1	50.0	55.0	60.3	65.7	71.0	76.0	79.7	82.6	85.1	87.8
50°	48.2	53.4	58.6	64.4	70.2	76.0	80.7	84.1	86.9	89.5	92.2
47.5°	51.3	56.7	62.3	68.5	74.8	80.3	84.9	88.0	90.8	93.8	96.8
45°	54.3	60.2	66.1	72.8	79.1	84.4	88.3	91.4	94.8	98.1	101.2
42.5°	57.3	63.5	70.0	76.9	83.0	87.8	91.4	95.1	98.8	102.3	105.8
40°	60.2	66.8	73.6	80.5	86.6	90.8	94.6	98.6	102.6	106.4	110.4
37.5°	63.0	69.8	76.9	83.8	89.4	93.6	97.6	102.0	106.2	110.4	115.5
35°	65.7	72.6	79.7	86.4	91.8	96.2	100.6	105.2	109.7	115.1	120.9
32.5°	68.1	75.1	82.3	88.6	93.9	98.6	103.5	108.3	113.7	119.8	126.8
30°	70.1	77.3	84.5	90.7	95.8	100.8	106.2	111.5	117.8	125.0	133.4
27.5°	71.9	79.2	86.3	92.5	97.7	102.6	108.3	115.0	122.2	130.4	140.2
25°	73.6	81.2	88.0	94.1	99.2	104.3	110.4	117.7	126.4	136.3	148.4
22.5°	75.1	83.1	89.7	95.6	100.3	105.8	112.7	120.7	130.2	141.8	156.5
20°	76.6	84.6	91.0	96.8	101.2	107.2	114.7	123.3	134.1	147.9	164.9
17.5°	78.0	85.8	92.1	97.5	102.3	108.7	116.5	125.5	137.5	153.5	172.6
15°	79.2	86.8	92.9	98.1	103.3	110.2	118.5	128.1	141.3	158.8	179.5
12.5°	80.4	87.6	93.6	98.5	104.1	111.4	120.2	130.9	145.3	164.0	188.2
10°	81.3	88.3	94.0	98.8	104.8	112.4	121.6	133.1	148.5	168.1	194.9
7.5°	82.1	88.8	94.3	99.0	105.2	113.1	122.7	134.8	150.7	171.0	199.7
5°	82.7	89.2	94.7	99.6	105.8	113.6	123.5	136.0	152.1	172.7	202.7
2.5°	83.0	89.4	94.9	100.1	106.4	114.1	124.1	137.3	153.1	174.3	205.0
0°	83.1	89.5	95.0	100.5	106.9	114.2	124.3	138.0	153.5	175.4	206.5
-2.5°	83.0	89.4	94.9	100.1	106.4	114.1	124.1	137.3	153.1	174.3	205.0
-5°	82.7	89.2	94.7	99.6	105.8	113.6	123.5	136.0	152.1	172.7	202.7
-7.5°	82.1	88.8	94.3	99.0	105.2	113.1	122.7	134.8	150.7	171.0	199.7
-10°	81.3	88.3	94.0	98.8	104.8	112.4	121.6	133.1	148.5	168.1	194.9
-12.5°	80.4	87.6	93.6	98.5	104.1	111.4	120.2	130.9	145.3	164.0	188.2
-15°	79.2	86.8	92.9	98.1	103.3	110.2	118.5	128.1	141.3	158.8	179.5
-17.5°	78.0	85.8	92.1	97.5	102.3	108.7	116.5	125.5	137.5	153.5	172.6
-20°	76.6	84.6	91.0	96.8	101.2	107.2	114.7	123.3	134.1	147.9	164.9

Classified

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

Scaled Data Report



REPORT NUMBER: P626649 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA1C-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°	75.1	83.1	89.7	95.6	100.3	105.8	112.7	120.7	130.2	141.8	156.5
-25°	73.6	81.2	88.0	94.1	99.2	104.3	110.4	117.7	126.4	136.3	148.4
-27.5°	71.9	79.2	86.3	92.5	97.7	102.6	108.3	115.0	122.2	130.4	140.2
-30°	70.1	77.3	84.5	90.7	95.8	100.8	106.2	111.5	117.8	125.0	133.4
-32.5°	68.1	75.1	82.3	88.6	93.9	98.6	103.5	108.3	113.7	119.8	126.8
-35°	65.7	72.6	79.7	86.4	91.8	96.2	100.6	105.2	109.7	115.1	120.9
-37.5°	63.0	69.8	76.9	83.8	89.4	93.6	97.6	102.0	106.2	110.4	115.5
-40°	60.2	66.8	73.6	80.5	86.6	90.8	94.6	98.6	102.6	106.4	110.4
-42.5°	57.3	63.5	70.0	76.9	83.0	87.8	91.4	95.1	98.8	102.3	105.8
-45°	54.3	60.2	66.1	72.8	79.1	84.4	88.3	91.4	94.8	98.1	101.2
-47.5°	51.3	56.7	62.3	68.5	74.8	80.3	84.9	88.0	90.8	93.8	96.8
-50°	48.2	53.4	58.6	64.4	70.2	76.0	80.7	84.1	86.9	89.5	92.2
-52.5°	45.1	50.0	55.0	60.3	65.7	71.0	76.0	79.7	82.6	85.1	87.8
-55°	42.0	46.6	51.1	56.0	61.1	66.1	70.8	74.8	78.0	80.5	83.3
-57.5°	38.6	43.0	47.2	51.5	56.2	61.0	65.2	69.7	73.2	75.9	78.6
-60°	35.0	39.2	43.1	47.0	51.0	55.3	59.3	63.2	67.3	71.2	73.2
-62.5°	31.3	35.0	38.7	42.4	45.9	49.4	53.0	56.5	59.9	63.4	66.4
-65°	27.4	30.7	33.9	37.3	40.7	43.6	46.6	49.8	52.9	55.9	58.7
-67.5°	23.4	26.5	29.3	32.0	35.0	37.7	40.1	42.7	45.4	48.4	51.0
-70°	20.1	22.4	24.8	27.2	29.5	31.9	34.2	36.2	38.1	40.7	43.3
-72.5°	16.9	18.9	20.8	22.6	24.6	26.6	28.5	30.4	32.1	34.0	35.9
-75°	13.9	15.3	16.9	18.5	20.1	21.6	23.0	24.6	26.1	27.6	28.9
-77.5°	11.0	12.2	13.4	14.6	15.7	17.0	18.2	19.3	20.4	21.5	22.5
-80°	8.2	9.1	10.0	10.9	11.7	12.5	13.4	14.2	15.1	15.9	16.7
-82.5°	5.8	6.4	7.0	7.6	8.0	8.3	8.6	9.1	9.9	10.7	11.4
-85°	3.4	3.7	4.1	4.5	4.8	5.1	5.4	5.6	5.9	6.3	6.7
-87.5°	1.7	1.8	2.0	2.1	2.3	2.4	2.5	2.6	2.7	2.8	2.9
-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: P626649 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA1C-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°	3.0	3.1	3.2	3.3	3.4	3.4	3.5	3.5	3.6	3.4	3.2
85°	7.1	7.4	7.7	7.9	8.1	8.3	8.4	8.6	8.7	8.6	8.5
82.5°	12.0	12.5	12.9	13.3	13.7	14.0	14.3	14.6	14.8	14.8	14.8
80°	17.5	18.3	19.1	19.9	20.6	21.1	21.4	21.7	21.8	21.9	21.9
77.5°	23.5	24.7	26.0	27.3	28.5	29.2	29.7	30.1	30.4	30.5	30.5
75°	30.2	31.8	33.5	35.0	36.3	37.1	37.7	38.2	38.5	38.6	38.6
72.5°	38.0	39.9	41.4	42.7	43.8	44.7	45.4	46.0	46.4	46.7	46.7
70°	45.6	47.5	49.0	50.3	51.3	52.2	53.1	53.8	54.4	54.9	55.2
67.5°	53.4	55.5	57.0	58.2	59.1	60.1	61.2	62.2	63.0	63.5	63.8
65°	61.3	63.5	65.0	66.3	67.4	68.6	69.8	70.7	71.3	71.7	72.0
62.5°	69.0	71.0	72.9	74.6	76.3	77.6	78.5	79.2	79.8	80.4	80.8
60°	75.6	78.3	80.3	81.9	83.5	85.1	86.1	86.9	87.6	88.1	88.4
57.5°	81.2	84.0	86.4	87.9	89.7	91.5	92.7	93.4	94.1	94.6	94.9
55°	86.2	88.7	90.9	93.1	95.0	96.7	98.0	98.9	99.7	100.3	100.5
52.5°	90.6	93.3	96.0	98.3	100.1	101.7	102.9	104.1	105.0	105.6	105.9
50°	95.3	98.2	101.0	103.5	105.4	107.2	108.8	110.2	111.5	112.5	113.3
47.5°	99.8	102.9	106.1	108.8	111.2	113.7	116.1	118.0	119.9	121.4	122.5
45°	104.4	108.1	111.5	115.0	118.2	121.5	124.7	127.3	130.1	132.2	133.7
42.5°	109.6	113.7	117.8	122.2	126.5	130.9	135.6	139.9	143.1	146.2	148.7
40°	115.1	119.8	125.0	130.5	136.9	142.7	149.1	154.6	159.5	164.7	168.9
37.5°	120.9	126.8	133.7	141.0	149.3	157.2	165.6	173.7	180.9	189.3	195.7
35°	127.4	135.2	143.8	153.6	164.0	175.3	186.7	199.9	211.2	223.7	234.5
32.5°	135.0	144.4	155.7	168.7	181.9	199.2	215.3	236.2	254.3	274.1	294.0
30°	142.9	155.2	169.7	186.1	207.1	230.8	257.3	288.4	320.6	351.7	389.2
27.5°	152.7	167.6	185.1	209.0	240.0	272.0	317.5	364.3	423.3	472.2	541.1
25°	162.9	180.3	205.2	237.8	278.1	333.8	402.8	477.6	581.5	672.8	779.9
22.5°	174.0	197.5	228.5	268.6	329.8	415.3	519.8	660.5	813.8	976.6	1138.5
20°	185.5	213.9	254.6	312.7	396.7	512.4	691.8	909.1	1128.1	1396.7	1634.5
17.5°	198.8	235.1	285.2	357.9	470.0	647.2	896.0	1199.4	1539.2	1925.3	2268.1
15°	210.0	253.2	316.4	418.1	572.3	799.9	1113.6	1531.0	2041.6	2560.2	3086.3
12.5°	222.9	272.9	347.1	468.4	662.1	964.5	1391.5	1919.8	2557.5	3276.8	4124.7
10°	234.4	292.2	384.5	534.6	771.3	1136.2	1654.4	2290.0	3112.9	4147.8	5460.9
7.5°	242.8	307.6	413.3	585.0	865.7	1301.2	1902.8	2695.4	3741.0	5107.7	6909.8
5°	248.3	318.7	433.7	623.9	939.6	1424.0	2084.9	2982.9	4244.4	6177.2	9229.0
2.5°	251.6	325.3	445.3	646.7	984.6	1505.4	2223.4	3200.4	4570.7	6838.2	10720.6
0°	253.1	327.1	452.3	658.8	999.6	1536.9	2287.0	3299.4	4716.6	6992.7	10982.9
-2.5°	251.6	325.3	445.3	646.7	984.6	1505.4	2223.4	3200.4	4570.7	6838.2	10720.6
-5°	248.3	318.7	433.7	623.9	939.6	1424.0	2084.9	2982.9	4244.4	6177.2	9229.0
-7.5°	242.8	307.6	413.3	585.0	865.7	1301.2	1902.8	2695.4	3741.0	5107.7	6909.8
-10°	234.4	292.2	384.5	534.6	771.3	1136.2	1654.4	2290.0	3112.9	4147.8	5460.9
-12.5°	222.9	272.9	347.1	468.4	662.1	964.5	1391.5	1919.8	2557.5	3276.8	4124.7
-15°	210.0	253.2	316.4	418.1	572.3	799.9	1113.6	1531.0	2041.6	2560.2	3086.3
-17.5°	198.8	235.1	285.2	357.9	470.0	647.2	896.0	1199.4	1539.2	1925.3	2268.1
-20°	185.5	213.9	254.6	312.7	396.7	512.4	691.8	909.1	1128.1	1396.7	1634.5

Classified

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

Scaled Data Report



REPORT NUMBER: P626649 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA1C-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°	174.0	197.5	228.5	268.6	329.8	415.3	519.8	660.5	813.8	976.6	1138.5
-25°	162.9	180.3	205.2	237.8	278.1	333.8	402.8	477.6	581.5	672.8	779.9
-27.5°	152.7	167.6	185.1	209.0	240.0	272.0	317.5	364.3	423.3	472.2	541.1
-30°	142.9	155.2	169.7	186.1	207.1	230.8	257.3	288.4	320.6	351.7	389.2
-32.5°	135.0	144.4	155.7	168.7	181.9	199.2	215.3	236.2	254.3	274.1	294.0
-35°	127.4	135.2	143.8	153.6	164.0	175.3	186.7	199.9	211.2	223.7	234.5
-37.5°	120.9	126.8	133.7	141.0	149.3	157.2	165.6	173.7	180.9	189.3	195.7
-40°	115.1	119.8	125.0	130.5	136.9	142.7	149.1	154.6	159.5	164.7	168.9
-42.5°	109.6	113.7	117.8	122.2	126.5	130.9	135.6	139.9	143.1	146.2	148.7
-45°	104.4	108.1	111.5	115.0	118.2	121.5	124.7	127.3	130.1	132.2	133.7
-47.5°	99.8	102.9	106.1	108.8	111.2	113.7	116.1	118.0	119.9	121.4	122.5
-50°	95.3	98.2	101.0	103.5	105.4	107.2	108.8	110.2	111.5	112.5	113.3
-52.5°	90.6	93.3	96.0	98.3	100.1	101.7	102.9	104.1	105.0	105.6	105.9
-55°	86.2	88.7	90.9	93.1	95.0	96.7	98.0	98.9	99.7	100.3	100.5
-57.5°	81.2	84.0	86.4	87.9	89.7	91.5	92.7	93.4	94.1	94.6	94.9
-60°	75.6	78.3	80.3	81.9	83.5	85.1	86.1	86.9	87.6	88.1	88.4
-62.5°	69.0	71.0	72.9	74.6	76.3	77.6	78.5	79.2	79.8	80.4	80.8
-65°	61.3	63.5	65.0	66.3	67.4	68.6	69.8	70.7	71.3	71.7	72.0
-67.5°	53.4	55.5	57.0	58.2	59.1	60.1	61.2	62.2	63.0	63.5	63.8
-70°	45.6	47.5	49.0	50.3	51.3	52.2	53.1	53.8	54.4	54.9	55.2
-72.5°	38.0	39.9	41.4	42.7	43.8	44.7	45.4	46.0	46.4	46.7	46.7
-75°	30.2	31.8	33.5	35.0	36.3	37.1	37.7	38.2	38.5	38.6	38.6
-77.5°	23.5	24.7	26.0	27.3	28.5	29.2	29.7	30.1	30.4	30.5	30.5
-80°	17.5	18.3	19.1	19.9	20.6	21.1	21.4	21.7	21.8	21.9	21.9
-82.5°	12.0	12.5	12.9	13.3	13.7	14.0	14.3	14.6	14.8	14.8	14.8
-85°	7.1	7.4	7.7	7.9	8.1	8.3	8.4	8.6	8.7	8.6	8.5
-87.5°	3.0	3.1	3.2	3.3	3.4	3.4	3.5	3.5	3.6	3.4	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



REPORT NUMBER: P626649 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA1C-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°	2.9	2.7	2.7	2.7	2.7	2.7	2.9	3.2	3.4	3.6	3.5
85°	8.3	8.2	8.2	8.2	8.2	8.2	8.3	8.5	8.6	8.7	8.6
82.5°	14.7	14.5	14.6	14.6	14.6	14.5	14.7	14.8	14.8	14.8	14.6
80°	21.9	21.8	21.4	21.0	21.4	21.8	21.9	21.9	21.9	21.8	21.7
77.5°	30.3	30.1	29.7	29.2	29.7	30.1	30.3	30.5	30.5	30.4	30.1
75°	38.5	38.2	38.3	38.4	38.3	38.2	38.5	38.6	38.6	38.5	38.2
72.5°	46.6	46.4	46.5	46.6	46.5	46.4	46.6	46.7	46.7	46.4	46.0
70°	55.4	55.4	55.2	54.8	55.2	55.4	55.4	55.2	54.9	54.4	53.8
67.5°	63.9	63.8	63.5	63.0	63.5	63.8	63.9	63.8	63.5	63.0	62.2
65°	72.0	72.0	72.1	72.2	72.1	72.0	72.0	72.0	71.7	71.3	70.7
62.5°	81.0	81.0	80.8	80.4	80.8	81.0	81.0	80.8	80.4	79.8	79.2
60°	88.5	88.4	88.1	87.7	88.1	88.4	88.5	88.4	88.1	87.6	86.9
57.5°	94.9	94.8	94.5	94.1	94.5	94.8	94.9	94.9	94.6	94.1	93.4
55°	100.5	100.4	100.1	99.6	100.1	100.4	100.5	100.5	100.3	99.7	98.9
52.5°	106.0	105.9	105.9	106.0	105.9	105.9	106.0	105.9	105.6	105.0	104.1
50°	113.7	113.9	113.7	113.3	113.7	113.9	113.7	113.3	112.5	111.5	110.2
47.5°	123.1	123.1	122.9	122.4	122.9	123.1	123.1	122.5	121.4	119.9	118.0
45°	134.8	135.4	135.6	135.2	135.6	135.4	134.8	133.7	132.2	130.1	127.3
42.5°	150.6	151.7	152.0	151.7	152.0	151.7	150.6	148.7	146.2	143.1	139.9
40°	171.5	172.6	172.9	172.7	172.9	172.6	171.5	168.9	164.7	159.5	154.6
37.5°	200.3	203.2	204.5	204.7	204.5	203.2	200.3	195.7	189.3	180.9	173.7
35°	242.8	248.6	251.6	253.1	251.6	248.6	242.8	234.5	223.7	211.2	199.9
32.5°	309.1	320.6	327.0	326.2	327.0	320.6	309.1	294.0	274.1	254.3	236.2
30°	417.4	437.5	447.7	445.0	447.7	437.5	417.4	389.2	351.7	320.6	288.4
27.5°	590.6	626.9	647.8	645.1	647.8	626.9	590.6	541.1	472.2	423.3	364.3
25°	869.4	935.7	978.1	967.6	978.1	935.7	869.4	779.9	672.8	581.5	477.6
22.5°	1293.7	1405.9	1480.2	1471.1	1480.2	1405.9	1293.7	1138.5	976.6	813.8	660.5
20°	1875.6	2046.5	2168.5	2184.7	2168.5	2046.5	1875.6	1634.5	1396.7	1128.1	909.1
17.5°	2638.4	2909.4	3098.0	3129.5	3098.0	2909.4	2638.4	2268.1	1925.3	1539.2	1199.4
15°	3629.8	4072.7	4393.2	4419.6	4393.2	4072.7	3629.8	3086.3	2560.2	2041.6	1531.0
12.5°	4976.0	5866.7	6448.0	6703.9	6448.0	5866.7	4976.0	4124.7	3276.8	2557.5	1919.8
10°	6839.0	8884.9	10195.1	10687.7	10195.1	8884.9	6839.0	5460.9	4147.8	3112.9	2290.0
7.5°	9950.7	13163.0	16734.0	18256.1	16734.0	13163.0	9950.7	6909.8	5107.7	3741.0	2695.4
5°	13474.6	20141.1	26482.3	28958.4	26482.3	20141.1	13474.6	9229.0	6177.2	4244.4	2982.9
2.5°	17182.6	26474.8	35182.3	38587.6	35182.3	26474.8	17182.6	10720.6	6838.2	4570.7	3200.4
0°	18630.7	29248.1	38828.4	42646.8	38828.4	29248.1	18630.7	10982.9	6992.7	4716.6	3299.4
-2.5°	17182.6	26474.8	35182.3	38587.6	35182.3	26474.8	17182.6	10720.6	6838.2	4570.7	3200.4
-5°	13474.6	20141.1	26482.3	28958.4	26482.3	20141.1	13474.6	9229.0	6177.2	4244.4	2982.9
-7.5°	9950.7	13163.0	16734.0	18256.1	16734.0	13163.0	9950.7	6909.8	5107.7	3741.0	2695.4
-10°	6839.0	8884.9	10195.1	10687.7	10195.1	8884.9	6839.0	5460.9	4147.8	3112.9	2290.0
-12.5°	4976.0	5866.7	6448.0	6703.9	6448.0	5866.7	4976.0	4124.7	3276.8	2557.5	1919.8
-15°	3629.8	4072.7	4393.2	4419.6	4393.2	4072.7	3629.8	3086.3	2560.2	2041.6	1531.0
-17.5°	2638.4	2909.4	3098.0	3129.5	3098.0	2909.4	2638.4	2268.1	1925.3	1539.2	1199.4
-20°	1875.6	2046.5	2168.5	2184.7	2168.5	2046.5	1875.6	1634.5	1396.7	1128.1	909.1



REPORT NUMBER: P626649 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA1C-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°	1293.7	1405.9	1480.2	1471.1	1480.2	1405.9	1293.7	1138.5	976.6	813.8	660.5
-25°	869.4	935.7	978.1	967.6	978.1	935.7	869.4	779.9	672.8	581.5	477.6
-27.5°	590.6	626.9	647.8	645.1	647.8	626.9	590.6	541.1	472.2	423.3	364.3
-30°	417.4	437.5	447.7	445.0	447.7	437.5	417.4	389.2	351.7	320.6	288.4
-32.5°	309.1	320.6	327.0	326.2	327.0	320.6	309.1	294.0	274.1	254.3	236.2
-35°	242.8	248.6	251.6	253.1	251.6	248.6	242.8	234.5	223.7	211.2	199.9
-37.5°	200.3	203.2	204.5	204.7	204.5	203.2	200.3	195.7	189.3	180.9	173.7
-40°	171.5	172.6	172.9	172.7	172.9	172.6	171.5	168.9	164.7	159.5	154.6
-42.5°	150.6	151.7	152.0	151.7	152.0	151.7	150.6	148.7	146.2	143.1	139.9
-45°	134.8	135.4	135.6	135.2	135.6	135.4	134.8	133.7	132.2	130.1	127.3
-47.5°	123.1	123.1	122.9	122.4	122.9	123.1	123.1	122.5	121.4	119.9	118.0
-50°	113.7	113.9	113.7	113.3	113.7	113.9	113.7	113.3	112.5	111.5	110.2
-52.5°	106.0	105.9	105.9	106.0	105.9	105.9	106.0	105.9	105.6	105.0	104.1
-55°	100.5	100.4	100.1	99.6	100.1	100.4	100.5	100.5	100.3	99.7	98.9
-57.5°	94.9	94.8	94.5	94.1	94.5	94.8	94.9	94.9	94.6	94.1	93.4
-60°	88.5	88.4	88.1	87.7	88.1	88.4	88.5	88.4	88.1	87.6	86.9
-62.5°	81.0	81.0	80.8	80.4	80.8	81.0	81.0	80.8	80.4	79.8	79.2
-65°	72.0	72.0	72.1	72.2	72.1	72.0	72.0	72.0	71.7	71.3	70.7
-67.5°	63.9	63.8	63.5	63.0	63.5	63.8	63.9	63.8	63.5	63.0	62.2
-70°	55.4	55.4	55.2	54.8	55.2	55.4	55.4	55.2	54.9	54.4	53.8
-72.5°	46.6	46.4	46.5	46.6	46.5	46.4	46.6	46.7	46.7	46.4	46.0
-75°	38.5	38.2	38.3	38.4	38.3	38.2	38.5	38.6	38.6	38.5	38.2
-77.5°	30.3	30.1	29.7	29.2	29.7	30.1	30.3	30.5	30.5	30.4	30.1
-80°	21.9	21.8	21.4	21.0	21.4	21.8	21.9	21.9	21.9	21.8	21.7
-82.5°	14.7	14.5	14.6	14.6	14.6	14.5	14.7	14.8	14.8	14.8	14.6
-85°	8.3	8.2	8.2	8.2	8.2	8.2	8.3	8.5	8.6	8.7	8.6
-87.5°	2.9	2.7	2.7	2.7	2.7	2.7	2.9	3.2	3.4	3.6	3.5
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



REPORT NUMBER: P626649 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA1C-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°	3.5	3.4	3.4	3.3	3.2	3.1	3.0	2.9	2.8	2.7	2.6
85°	8.4	8.3	8.1	7.9	7.7	7.4	7.1	6.7	6.3	5.9	5.6
82.5°	14.3	14.0	13.7	13.3	12.9	12.5	12.0	11.4	10.7	9.9	9.1
80°	21.4	21.1	20.6	19.9	19.1	18.3	17.5	16.7	15.9	15.1	14.2
77.5°	29.7	29.2	28.5	27.3	26.0	24.7	23.5	22.5	21.5	20.4	19.3
75°	37.7	37.1	36.3	35.0	33.5	31.8	30.2	28.9	27.6	26.1	24.6
72.5°	45.4	44.7	43.8	42.7	41.4	39.9	38.0	35.9	34.0	32.1	30.4
70°	53.1	52.2	51.3	50.3	49.0	47.5	45.6	43.3	40.7	38.1	36.2
67.5°	61.2	60.1	59.1	58.2	57.0	55.5	53.4	51.0	48.4	45.4	42.7
65°	69.8	68.6	67.4	66.3	65.0	63.5	61.3	58.7	55.9	52.9	49.8
62.5°	78.5	77.6	76.3	74.6	72.9	71.0	69.0	66.4	63.4	59.9	56.5
60°	86.1	85.1	83.5	81.9	80.3	78.3	75.6	73.2	71.2	67.3	63.2
57.5°	92.7	91.5	89.7	87.9	86.4	84.0	81.2	78.6	75.9	73.2	69.7
55°	98.0	96.7	95.0	93.1	90.9	88.7	86.2	83.3	80.5	78.0	74.8
52.5°	102.9	101.7	100.1	98.3	96.0	93.3	90.6	87.8	85.1	82.6	79.7
50°	108.8	107.2	105.4	103.5	101.0	98.2	95.3	92.2	89.5	86.9	84.1
47.5°	116.1	113.7	111.2	108.8	106.1	102.9	99.8	96.8	93.8	90.8	88.0
45°	124.7	121.5	118.2	115.0	111.5	108.1	104.4	101.2	98.1	94.8	91.4
42.5°	135.6	130.9	126.5	122.2	117.8	113.7	109.6	105.8	102.3	98.8	95.1
40°	149.1	142.7	136.9	130.5	125.0	119.8	115.1	110.4	106.4	102.6	98.6
37.5°	165.6	157.2	149.3	141.0	133.7	126.8	120.9	115.5	110.4	106.2	102.0
35°	186.7	175.3	164.0	153.6	143.8	135.2	127.4	120.9	115.1	109.7	105.2
32.5°	215.3	199.2	181.9	168.7	155.7	144.4	135.0	126.8	119.8	113.7	108.3
30°	257.3	230.8	207.1	186.1	169.7	155.2	142.9	133.4	125.0	117.8	111.5
27.5°	317.5	272.0	240.0	209.0	185.1	167.6	152.7	140.2	130.4	122.2	115.0
25°	402.8	333.8	278.1	237.8	205.2	180.3	162.9	148.4	136.3	126.4	117.7
22.5°	519.8	415.3	329.8	268.6	228.5	197.5	174.0	156.5	141.8	130.2	120.7
20°	691.8	512.4	396.7	312.7	254.6	213.9	185.5	164.9	147.9	134.1	123.3
17.5°	896.0	647.2	470.0	357.9	285.2	235.1	198.8	172.6	153.5	137.5	125.5
15°	1113.6	799.9	572.3	418.1	316.4	253.2	210.0	179.5	158.8	141.3	128.1
12.5°	1391.5	964.5	662.1	468.4	347.1	272.9	222.9	188.2	164.0	145.3	130.9
10°	1654.4	1136.2	771.3	534.6	384.5	292.2	234.4	194.9	168.1	148.5	133.1
7.5°	1902.8	1301.2	865.7	585.0	413.3	307.6	242.8	199.7	171.0	150.7	134.8
5°	2084.9	1424.0	939.6	623.9	433.7	318.7	248.3	202.7	172.7	152.1	136.0
2.5°	2223.4	1505.4	984.6	646.7	445.3	325.3	251.6	205.0	174.3	153.1	137.3
0°	2287.0	1536.9	999.6	658.8	452.3	327.1	253.1	206.5	175.4	153.5	138.0
-2.5°	2223.4	1505.4	984.6	646.7	445.3	325.3	251.6	205.0	174.3	153.1	137.3
-5°	2084.9	1424.0	939.6	623.9	433.7	318.7	248.3	202.7	172.7	152.1	136.0
-7.5°	1902.8	1301.2	865.7	585.0	413.3	307.6	242.8	199.7	171.0	150.7	134.8
-10°	1654.4	1136.2	771.3	534.6	384.5	292.2	234.4	194.9	168.1	148.5	133.1
-12.5°	1391.5	964.5	662.1	468.4	347.1	272.9	222.9	188.2	164.0	145.3	130.9
-15°	1113.6	799.9	572.3	418.1	316.4	253.2	210.0	179.5	158.8	141.3	128.1
-17.5°	896.0	647.2	470.0	357.9	285.2	235.1	198.8	172.6	153.5	137.5	125.5
-20°	691.8	512.4	396.7	312.7	254.6	213.9	185.5	164.9	147.9	134.1	123.3

Classified

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

Scaled Data Report



REPORT NUMBER: P626649 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA1C-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°	519.8	415.3	329.8	268.6	228.5	197.5	174.0	156.5	141.8	130.2	120.7
-25°	402.8	333.8	278.1	237.8	205.2	180.3	162.9	148.4	136.3	126.4	117.7
-27.5°	317.5	272.0	240.0	209.0	185.1	167.6	152.7	140.2	130.4	122.2	115.0
-30°	257.3	230.8	207.1	186.1	169.7	155.2	142.9	133.4	125.0	117.8	111.5
-32.5°	215.3	199.2	181.9	168.7	155.7	144.4	135.0	126.8	119.8	113.7	108.3
-35°	186.7	175.3	164.0	153.6	143.8	135.2	127.4	120.9	115.1	109.7	105.2
-37.5°	165.6	157.2	149.3	141.0	133.7	126.8	120.9	115.5	110.4	106.2	102.0
-40°	149.1	142.7	136.9	130.5	125.0	119.8	115.1	110.4	106.4	102.6	98.6
-42.5°	135.6	130.9	126.5	122.2	117.8	113.7	109.6	105.8	102.3	98.8	95.1
-45°	124.7	121.5	118.2	115.0	111.5	108.1	104.4	101.2	98.1	94.8	91.4
-47.5°	116.1	113.7	111.2	108.8	106.1	102.9	99.8	96.8	93.8	90.8	88.0
-50°	108.8	107.2	105.4	103.5	101.0	98.2	95.3	92.2	89.5	86.9	84.1
-52.5°	102.9	101.7	100.1	98.3	96.0	93.3	90.6	87.8	85.1	82.6	79.7
-55°	98.0	96.7	95.0	93.1	90.9	88.7	86.2	83.3	80.5	78.0	74.8
-57.5°	92.7	91.5	89.7	87.9	86.4	84.0	81.2	78.6	75.9	73.2	69.7
-60°	86.1	85.1	83.5	81.9	80.3	78.3	75.6	73.2	71.2	67.3	63.2
-62.5°	78.5	77.6	76.3	74.6	72.9	71.0	69.0	66.4	63.4	59.9	56.5
-65°	69.8	68.6	67.4	66.3	65.0	63.5	61.3	58.7	55.9	52.9	49.8
-67.5°	61.2	60.1	59.1	58.2	57.0	55.5	53.4	51.0	48.4	45.4	42.7
-70°	53.1	52.2	51.3	50.3	49.0	47.5	45.6	43.3	40.7	38.1	36.2
-72.5°	45.4	44.7	43.8	42.7	41.4	39.9	38.0	35.9	34.0	32.1	30.4
-75°	37.7	37.1	36.3	35.0	33.5	31.8	30.2	28.9	27.6	26.1	24.6
-77.5°	29.7	29.2	28.5	27.3	26.0	24.7	23.5	22.5	21.5	20.4	19.3
-80°	21.4	21.1	20.6	19.9	19.1	18.3	17.5	16.7	15.9	15.1	14.2
-82.5°	14.3	14.0	13.7	13.3	12.9	12.5	12.0	11.4	10.7	9.9	9.1
-85°	8.4	8.3	8.1	7.9	7.7	7.4	7.1	6.7	6.3	5.9	5.6
-87.5°	3.5	3.4	3.4	3.3	3.2	3.1	3.0	2.9	2.8	2.7	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



REPORT NUMBER: P626649 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA1C-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°	2.5	2.4	2.3	2.1	2.0	1.8	1.7	1.6	1.4	1.3	1.1
85°	5.4	5.1	4.8	4.5	4.1	3.7	3.4	3.1	2.8	2.5	2.2
82.5°	8.6	8.3	8.0	7.6	7.0	6.4	5.8	5.1	4.5	3.8	3.3
80°	13.4	12.5	11.7	10.9	10.0	9.1	8.2	7.4	6.5	5.7	4.8
77.5°	18.2	17.0	15.7	14.6	13.4	12.2	11.0	9.7	8.6	7.5	6.4
75°	23.0	21.6	20.1	18.5	16.9	15.3	13.9	12.4	10.9	9.3	7.9
72.5°	28.5	26.6	24.6	22.6	20.8	18.9	16.9	15.0	13.2	11.4	9.6
70°	34.2	31.9	29.5	27.2	24.8	22.4	20.1	17.9	15.6	13.5	11.4
67.5°	40.1	37.7	35.0	32.0	29.3	26.5	23.4	20.8	18.2	15.6	13.2
65°	46.6	43.6	40.7	37.3	33.9	30.7	27.4	23.8	20.8	17.9	15.0
62.5°	53.0	49.4	45.9	42.4	38.7	35.0	31.3	27.3	23.4	20.1	16.9
60°	59.3	55.3	51.0	47.0	43.1	39.2	35.0	30.7	26.4	22.4	18.9
57.5°	65.2	61.0	56.2	51.5	47.2	43.0	38.6	33.9	29.3	24.8	20.7
55°	70.8	66.1	61.1	56.0	51.1	46.6	42.0	37.0	32.0	27.2	22.6
52.5°	76.0	71.0	65.7	60.3	55.0	50.0	45.1	39.9	34.7	29.6	24.5
50°	80.7	76.0	70.2	64.4	58.6	53.4	48.2	42.8	37.2	31.8	26.5
47.5°	84.9	80.3	74.8	68.5	62.3	56.7	51.3	45.6	39.6	33.9	28.3
45°	88.3	84.4	79.1	72.8	66.1	60.2	54.3	48.3	42.1	36.0	30.1
42.5°	91.4	87.8	83.0	76.9	70.0	63.5	57.3	51.0	44.4	37.9	31.8
40°	94.6	90.8	86.6	80.5	73.6	66.8	60.2	53.6	46.7	39.8	33.5
37.5°	97.6	93.6	89.4	83.8	76.9	69.8	63.0	56.1	48.9	41.7	35.0
35°	100.6	96.2	91.8	86.4	79.7	72.6	65.7	58.5	50.9	43.5	36.4
32.5°	103.5	98.6	93.9	88.6	82.3	75.1	68.1	60.6	52.8	45.1	37.8
30°	106.2	100.8	95.8	90.7	84.5	77.3	70.1	62.5	54.6	46.6	39.1
27.5°	108.3	102.6	97.7	92.5	86.3	79.2	71.9	64.2	56.2	48.0	40.3
25°	110.4	104.3	99.2	94.1	88.0	81.2	73.6	65.7	57.7	49.3	41.4
22.5°	112.7	105.8	100.3	95.6	89.7	83.1	75.1	67.0	58.9	50.5	42.4
20°	114.7	107.2	101.2	96.8	91.0	84.6	76.6	68.2	60.0	51.5	43.2
17.5°	116.5	108.7	102.3	97.5	92.1	85.8	78.0	69.3	60.9	52.4	43.9
15°	118.5	110.2	103.3	98.1	92.9	86.8	79.2	70.2	61.6	53.2	44.6
12.5°	120.2	111.4	104.1	98.5	93.6	87.6	80.4	71.0	62.2	53.8	45.2
10°	121.6	112.4	104.8	98.8	94.0	88.3	81.3	71.7	62.8	54.3	45.7
7.5°	122.7	113.1	105.2	99.0	94.3	88.8	82.1	72.5	63.3	54.7	46.1
5°	123.5	113.6	105.8	99.6	94.7	89.2	82.7	73.2	63.7	54.9	46.4
2.5°	124.1	114.1	106.4	100.1	94.9	89.4	83.0	73.7	63.9	54.9	46.5
0°	124.3	114.2	106.9	100.5	95.0	89.5	83.1	74.0	64.0	54.8	46.6
-2.5°	124.1	114.1	106.4	100.1	94.9	89.4	83.0	73.7	63.9	54.9	46.5
-5°	123.5	113.6	105.8	99.6	94.7	89.2	82.7	73.2	63.7	54.9	46.4
-7.5°	122.7	113.1	105.2	99.0	94.3	88.8	82.1	72.5	63.3	54.7	46.1
-10°	121.6	112.4	104.8	98.8	94.0	88.3	81.3	71.7	62.8	54.3	45.7
-12.5°	120.2	111.4	104.1	98.5	93.6	87.6	80.4	71.0	62.2	53.8	45.2
-15°	118.5	110.2	103.3	98.1	92.9	86.8	79.2	70.2	61.6	53.2	44.6
-17.5°	116.5	108.7	102.3	97.5	92.1	85.8	78.0	69.3	60.9	52.4	43.9
-20°	114.7	107.2	101.2	96.8	91.0	84.6	76.6	68.2	60.0	51.5	43.2

Classified

Cooper Lighting Solutions Photometric Lab
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Scaled Data Report



REPORT NUMBER: P626649 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA1C-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°	112.7	105.8	100.3	95.6	89.7	83.1	75.1	67.0	58.9	50.5	42.4
-25°	110.4	104.3	99.2	94.1	88.0	81.2	73.6	65.7	57.7	49.3	41.4
-27.5°	108.3	102.6	97.7	92.5	86.3	79.2	71.9	64.2	56.2	48.0	40.3
-30°	106.2	100.8	95.8	90.7	84.5	77.3	70.1	62.5	54.6	46.6	39.1
-32.5°	103.5	98.6	93.9	88.6	82.3	75.1	68.1	60.6	52.8	45.1	37.8
-35°	100.6	96.2	91.8	86.4	79.7	72.6	65.7	58.5	50.9	43.5	36.4
-37.5°	97.6	93.6	89.4	83.8	76.9	69.8	63.0	56.1	48.9	41.7	35.0
-40°	94.6	90.8	86.6	80.5	73.6	66.8	60.2	53.6	46.7	39.8	33.5
-42.5°	91.4	87.8	83.0	76.9	70.0	63.5	57.3	51.0	44.4	37.9	31.8
-45°	88.3	84.4	79.1	72.8	66.1	60.2	54.3	48.3	42.1	36.0	30.1
-47.5°	84.9	80.3	74.8	68.5	62.3	56.7	51.3	45.6	39.6	33.9	28.3
-50°	80.7	76.0	70.2	64.4	58.6	53.4	48.2	42.8	37.2	31.8	26.5
-52.5°	76.0	71.0	65.7	60.3	55.0	50.0	45.1	39.9	34.7	29.6	24.5
-55°	70.8	66.1	61.1	56.0	51.1	46.6	42.0	37.0	32.0	27.2	22.6
-57.5°	65.2	61.0	56.2	51.5	47.2	43.0	38.6	33.9	29.3	24.8	20.7
-60°	59.3	55.3	51.0	47.0	43.1	39.2	35.0	30.7	26.4	22.4	18.9
-62.5°	53.0	49.4	45.9	42.4	38.7	35.0	31.3	27.3	23.4	20.1	16.9
-65°	46.6	43.6	40.7	37.3	33.9	30.7	27.4	23.8	20.8	17.9	15.0
-67.5°	40.1	37.7	35.0	32.0	29.3	26.5	23.4	20.8	18.2	15.6	13.2
-70°	34.2	31.9	29.5	27.2	24.8	22.4	20.1	17.9	15.6	13.5	11.4
-72.5°	28.5	26.6	24.6	22.6	20.8	18.9	16.9	15.0	13.2	11.4	9.6
-75°	23.0	21.6	20.1	18.5	16.9	15.3	13.9	12.4	10.9	9.3	7.9
-77.5°	18.2	17.0	15.7	14.6	13.4	12.2	11.0	9.7	8.6	7.5	6.4
-80°	13.4	12.5	11.7	10.9	10.0	9.1	8.2	7.4	6.5	5.7	4.8
-82.5°	8.6	8.3	8.0	7.6	7.0	6.4	5.8	5.1	4.5	3.8	3.3
-85°	5.4	5.1	4.8	4.5	4.1	3.7	3.4	3.1	2.8	2.5	2.2
-87.5°	2.5	2.4	2.3	2.1	2.0	1.8	1.7	1.6	1.4	1.3	1.1
-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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REPORT NUMBER: P626649 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA1C-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°	1.0	0.8	0.6	0.5	0.3	0.1	0.0
85°	1.9	1.6	1.3	1.0	0.6	0.3	0.0
82.5°	2.9	2.4	1.9	1.4	1.0	0.4	0.0
80°	3.9	3.2	2.6	1.9	1.3	0.6	0.0
77.5°	5.2	4.1	3.2	2.4	1.6	0.7	0.0
75°	6.6	5.2	3.8	2.9	1.9	0.8	0.0
72.5°	7.9	6.2	4.7	3.3	2.2	1.0	0.0
70°	9.2	7.3	5.5	3.8	2.5	1.1	0.0
67.5°	10.8	8.3	6.3	4.4	2.8	1.2	0.0
65°	12.3	9.4	7.0	4.9	3.0	1.3	0.0
62.5°	13.7	10.6	7.8	5.5	3.3	1.5	0.0
60°	15.2	11.8	8.5	6.0	3.6	1.6	0.0
57.5°	16.7	13.0	9.4	6.5	3.9	1.7	0.0
55°	18.3	14.1	10.3	7.0	4.2	1.8	0.0
52.5°	19.8	15.3	11.2	7.5	4.5	1.9	0.0
50°	21.3	16.5	12.0	7.9	4.8	2.0	0.0
47.5°	22.7	17.6	12.9	8.4	5.1	2.1	0.0
45°	24.2	18.8	13.6	9.0	5.4	2.2	0.0
42.5°	25.7	19.8	14.4	9.5	5.7	2.2	0.0
40°	27.1	20.8	15.2	10.1	5.9	2.3	0.0
37.5°	28.4	21.8	15.9	10.6	6.2	2.4	0.0
35°	29.7	22.8	16.6	11.1	6.4	2.4	0.0
32.5°	30.8	23.8	17.3	11.6	6.6	2.5	0.0
30°	31.9	24.7	18.0	12.0	6.9	2.6	0.0
27.5°	32.9	25.5	18.6	12.4	7.1	2.6	0.0
25°	33.8	26.3	19.1	12.8	7.2	2.6	0.0
22.5°	34.7	27.0	19.7	13.1	7.4	2.7	0.0
20°	35.4	27.6	20.1	13.4	7.6	2.7	0.0
17.5°	36.0	28.1	20.5	13.7	7.7	2.7	0.0
15°	36.5	28.5	20.9	13.9	7.8	2.7	0.0
12.5°	36.9	28.8	21.2	14.1	7.9	2.7	0.0
10°	37.2	29.0	21.5	14.3	8.0	2.7	0.0
7.5°	37.4	29.2	21.6	14.4	8.1	2.7	0.0
5°	37.5	29.3	21.8	14.5	8.2	2.7	0.0
2.5°	37.6	29.3	21.9	14.6	8.2	2.7	0.0
0°	37.5	29.2	21.9	14.6	8.2	2.7	0.0
-2.5°	37.6	29.3	21.9	14.6	8.2	2.7	0.0
-5°	37.5	29.3	21.8	14.5	8.2	2.7	0.0
-7.5°	37.4	29.2	21.6	14.4	8.1	2.7	0.0
-10°	37.2	29.0	21.5	14.3	8.0	2.7	0.0
-12.5°	36.9	28.8	21.2	14.1	7.9	2.7	0.0
-15°	36.5	28.5	20.9	13.9	7.8	2.7	0.0
-17.5°	36.0	28.1	20.5	13.7	7.7	2.7	0.0
-20°	35.4	27.6	20.1	13.4	7.6	2.7	0.0

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CATALOG NUMBER: GFLD-SA1C-722-U-NR-XX

CANDELA DISTRIBUTION (continued):

	75°	77.5°	80°	82.5°	85°	87.5°	90°
-22.5°	34.7	27.0	19.7	13.1	7.4	2.7	0.0
-25°	33.8	26.3	19.1	12.8	7.2	2.6	0.0
-27.5°	32.9	25.5	18.6	12.4	7.1	2.6	0.0
-30°	31.9	24.7	18.0	12.0	6.9	2.6	0.0
-32.5°	30.8	23.8	17.3	11.6	6.6	2.5	0.0
-35°	29.7	22.8	16.6	11.1	6.4	2.4	0.0
-37.5°	28.4	21.8	15.9	10.6	6.2	2.4	0.0
-40°	27.1	20.8	15.2	10.1	5.9	2.3	0.0
-42.5°	25.7	19.8	14.4	9.5	5.7	2.2	0.0
-45°	24.2	18.8	13.6	9.0	5.4	2.2	0.0
-47.5°	22.7	17.6	12.9	8.4	5.1	2.1	0.0
-50°	21.3	16.5	12.0	7.9	4.8	2.0	0.0
-52.5°	19.8	15.3	11.2	7.5	4.5	1.9	0.0
-55°	18.3	14.1	10.3	7.0	4.2	1.8	0.0
-57.5°	16.7	13.0	9.4	6.5	3.9	1.7	0.0
-60°	15.2	11.8	8.5	6.0	3.6	1.6	0.0
-62.5°	13.7	10.6	7.8	5.5	3.3	1.5	0.0
-65°	12.3	9.4	7.0	4.9	3.0	1.3	0.0
-67.5°	10.8	8.3	6.3	4.4	2.8	1.2	0.0
-70°	9.2	7.3	5.5	3.8	2.5	1.1	0.0
-72.5°	7.9	6.2	4.7	3.3	2.2	1.0	0.0
-75°	6.6	5.2	3.8	2.9	1.9	0.8	0.0
-77.5°	5.2	4.1	3.2	2.4	1.6	0.7	0.0
-80°	3.9	3.2	2.6	1.9	1.3	0.6	0.0
-82.5°	2.9	2.4	1.9	1.4	1.0	0.4	0.0
-85°	1.9	1.6	1.3	1.0	0.6	0.3	0.0
-87.5°	1.0	0.8	0.6	0.5	0.3	0.1	0.0
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0

(END OF REPORT)