

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: P626615 (CONVERTED FROM TYPE C PHOTOMETRY)

Luminaire Tested: **GFLD-SA1B-735-U-MR-XX**

Issue Date: 12/7/2022

Test Information

Test Method: LM-79-08
Report Number: P626615 (CONVERTED FROM TYPE C PHOTOMETRY)
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G2-2210-813-13)
Test Lab: COOPER LIGHTING SOLUTIONS
Issue Date: 12/7/2022
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: MCGRAW-EDISON
Catalog Number: GFLD-SA1B-735-U-MR-XX
Description: GALLEON FLOOD, ONE LIGHT SQAURE, MEDIUM SYMMETRICAL ROUND N20
Light Source: (16) 3500K CCT, 70 CRI LEDS
Ballast/Driver: -

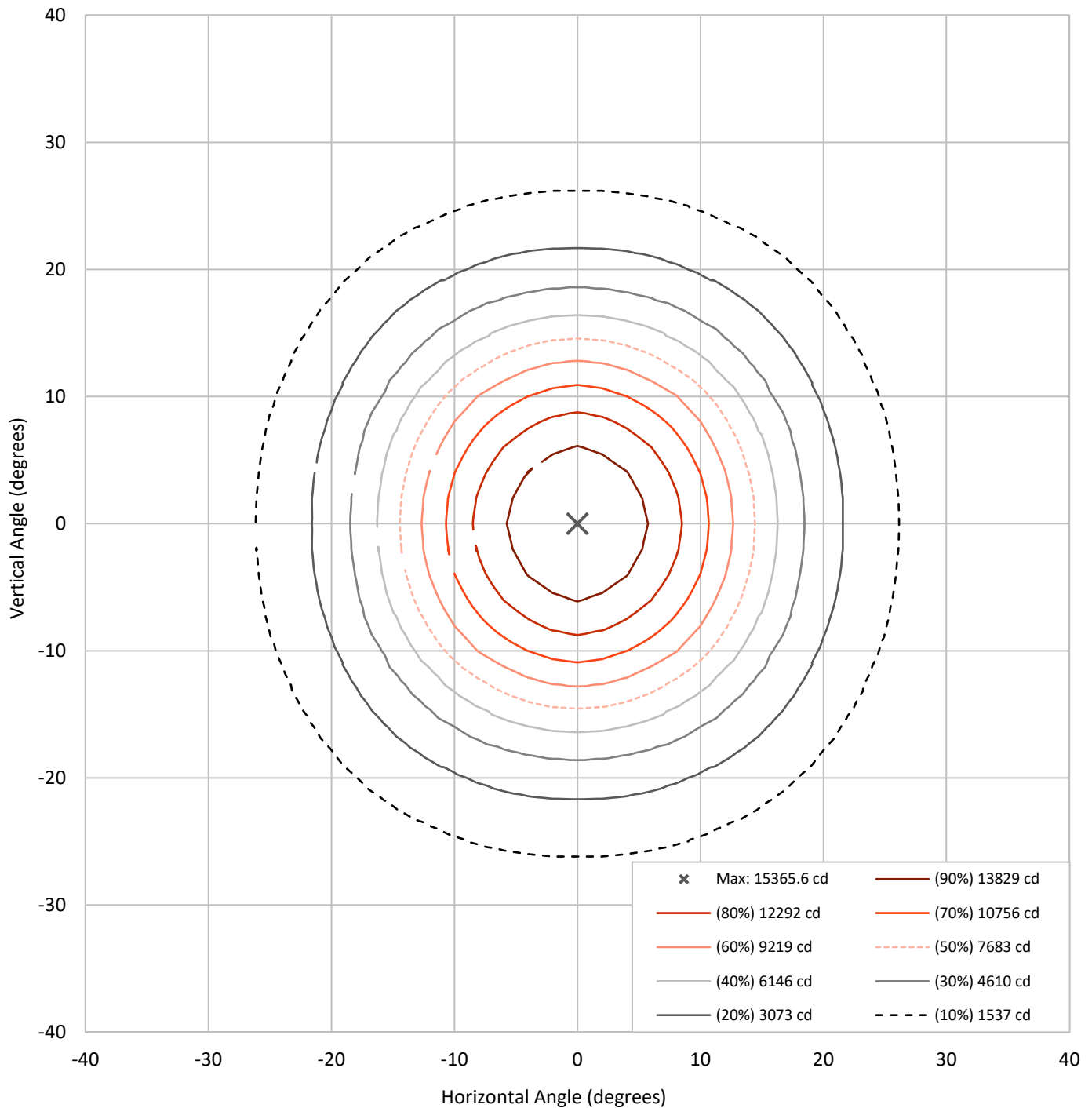
Summary

Lumens per Lamp:	N/A	NEMA Type:	4H x 4V
Luminaire Lumens:	4800.7 lumens	Max Intensity:	15365.6 candela
Efficiency:	N/A	Max Intensity Angle:	0°H x 0°V
Efficacy:	143.3 lumens/watt		
Luminous Opening:	Rectangular (W 0.5' x L: 0.5' x H: 0')		
Beam Angle (50%):	28.8°H x 29°V	Field Angle (10%):	52.3°H x 52.3°V
Beam Lumens:	2334 lumens	Field Lumens:	3938.9 lumens
Beam Efficiency:	48.6%	Field Efficiency:	82.0%
Input Watts (W):	33.5		
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		



REPORT NUMBER: P626615 (CONVERTED FROM TYPE C PHOTOMETRY)
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Iso-Candela Plot





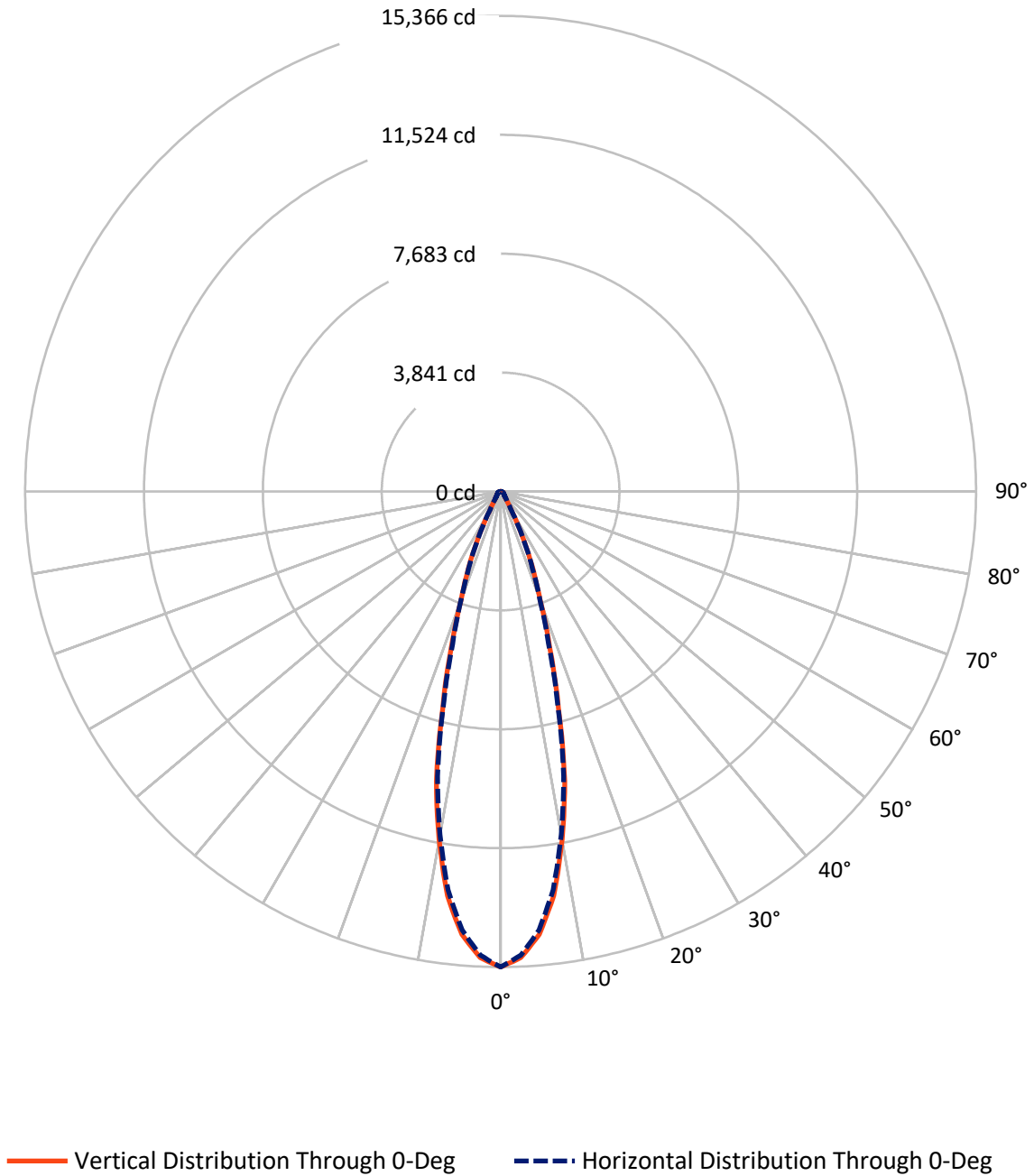
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Lumen Table

90	0.1	0.8	2.1	3.3	3.7	3.3	2.1	0.8	0.1						
80	0.1	0.8	2.1	3.3	3.7	3.3	2.1	0.8	0.1						
70	0.4	0.4	0.8	1.4	1.9	2.3	2.6	2.7	2.7	2.6	2.3	1.9	1.4	0.8	0.4
60		0.6	1.2	2.0	2.7	3.3	3.7	3.8	3.8	3.7	3.3	2.7	2.0	1.2	0.6
50	0.6	0.8	1.6	2.5	3.3	4.2	4.9	5.3	5.3	4.9	4.2	3.3	2.5	1.6	0.8
40		0.9	1.9	2.9	4.0	5.7	8.3	10.8	10.8	8.3	5.7	4.0	2.9	1.9	0.9
30	0.8	1.0	2.0	3.2	5.2	11.2	31.6	56.0	56.0	31.6	11.2	5.2	3.2	2.0	1.0
20		1.1	2.1	3.5	7.0	29.5	105.0	201.2	201.2	105.0	29.5	7.0	3.5	2.1	1.1
10	0.9	1.2	2.2	3.7	8.9	50.9	194.4	382.3	382.3	194.4	50.9	8.9	3.7	2.2	1.2
0		1.2	2.2	3.7	8.9	50.9	194.4	382.3	382.3	194.4	50.9	8.9	3.7	2.2	1.2
-10	0.8	1.1	2.1	3.5	7.0	29.5	105.0	201.2	201.2	105.0	29.5	7.0	3.5	2.1	1.1
-20		1.0	2.0	3.2	5.2	11.2	31.6	56.0	56.0	31.6	11.2	5.2	3.2	2.0	1.0
-30	0.6	0.9	1.9	2.9	4.0	5.7	8.3	10.8	10.8	8.3	5.7	4.0	2.9	1.9	0.9
-40		0.8	1.6	2.5	3.3	4.2	4.9	5.3	5.3	4.9	4.2	3.3	2.5	1.6	0.8
-50	0.4	0.6	1.2	2.0	2.7	3.3	3.7	3.8	3.8	3.7	3.3	2.7	2.0	1.2	0.6
-60		0.4	0.8	1.4	1.9	2.3	2.6	2.7	2.7	2.6	2.3	1.9	1.4	0.8	0.4
-70	0.1	0.8	2.1	3.3	3.7	3.3	2.1	0.8	0.1						
-80		0.1	0.8	2.1	3.3	3.7	3.3	2.1	0.8	0.1					
-90	0.1	0.8	2.1	3.3	3.7	3.3	2.1	0.8	0.1						

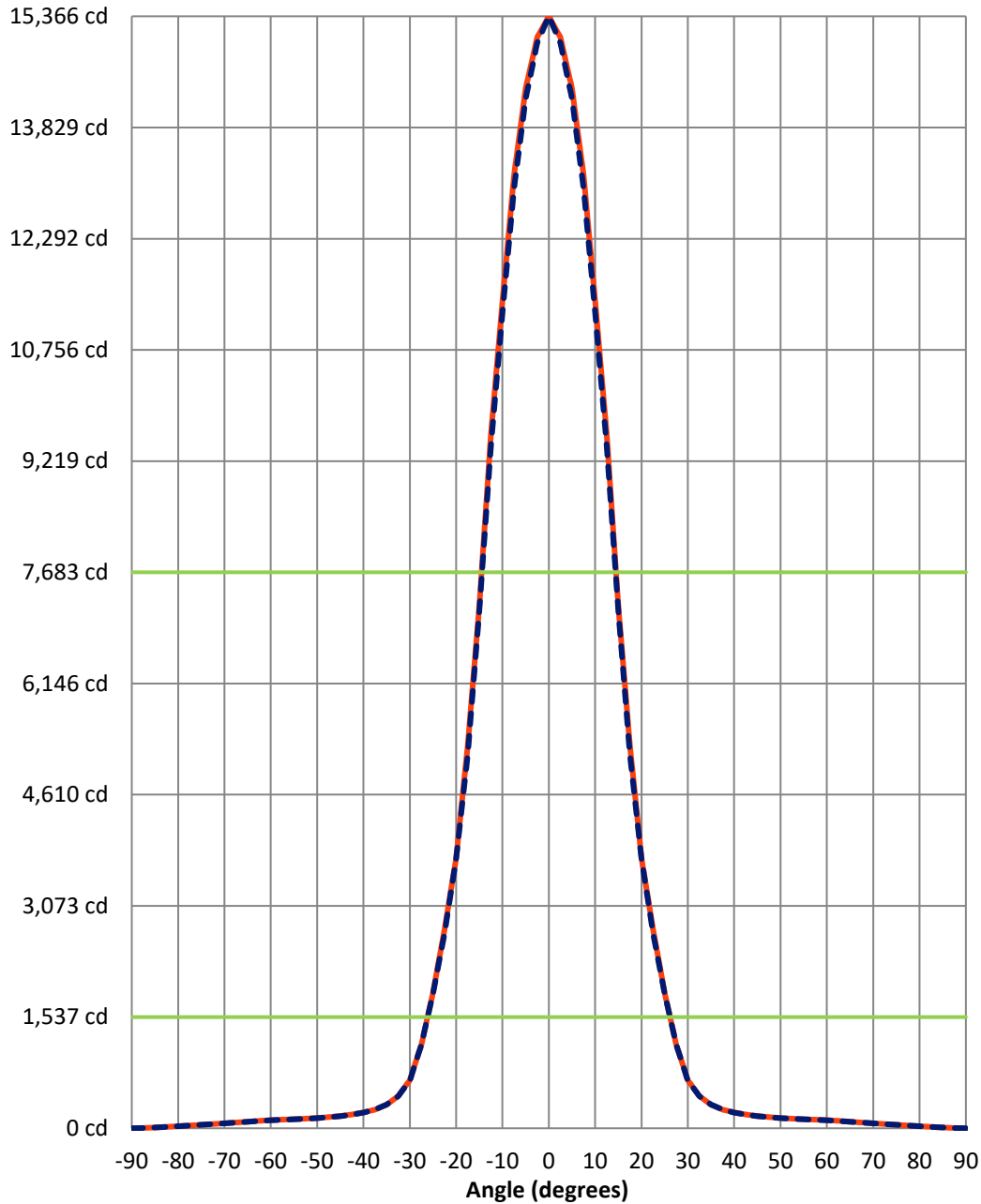
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Luminous Intensity Polar Plot



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Luminous Intensity Plot



Beam:
 H Angle: 28.8°
 V Angle: 29°
 Lumens: 2334
 Efficiency: 48.6%

Field:
 H Angle: 52.3°
 V Angle: 52.3°
 Lumens: 3938.9
 Efficiency: 82.0%

Spill:
 Lumens: 861.8
 Efficiency: 18.0%

— 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	0.2	0.3	0.5	0.7	0.8	1.0	1.2	1.3	1.5	1.6
85°	0.0	0.3	0.7	1.0	1.4	1.7	2.0	2.3	2.7	3.0	3.3
82.5°	0.0	0.5	1.0	1.5	2.0	2.5	3.0	3.5	4.1	5.0	6.0
80°	0.0	0.7	1.4	2.0	2.7	3.4	4.1	5.3	6.6	7.9	9.3
77.5°	0.0	0.8	1.7	2.5	3.4	4.4	5.9	7.4	9.0	10.7	12.6
75°	0.0	1.0	2.0	3.0	4.1	5.9	7.6	9.5	11.5	13.9	16.3
72.5°	0.0	1.2	2.3	3.5	5.3	7.3	9.3	11.6	14.4	17.2	19.9
70°	0.0	1.3	2.7	4.1	6.4	8.7	11.1	14.2	17.3	20.4	23.8
67.5°	0.0	1.5	3.0	4.9	7.5	10.1	13.2	16.6	20.1	23.9	27.7
65°	0.0	1.6	3.3	5.7	8.6	11.7	15.4	19.1	23.2	27.4	31.6
62.5°	0.0	1.8	3.6	6.5	9.7	13.4	17.4	21.7	26.3	30.9	35.6
60°	0.0	1.9	3.9	7.3	10.7	15.1	19.5	24.3	29.2	34.3	39.6
57.5°	0.0	2.1	4.4	8.1	12.1	16.8	21.6	26.8	32.2	37.7	43.4
55°	0.0	2.2	4.9	8.9	13.3	18.4	23.7	29.3	35.0	41.0	47.3
52.5°	0.0	2.4	5.4	9.6	14.6	20.0	25.7	31.7	37.8	44.3	51.0
50°	0.0	2.5	5.9	10.3	15.8	21.6	27.6	34.0	40.5	47.5	54.4
47.5°	0.0	2.6	6.3	11.0	17.0	23.1	29.5	36.2	43.2	50.6	57.6
45°	0.0	2.8	6.8	11.9	18.1	24.5	31.3	38.4	45.9	53.4	60.7
42.5°	0.0	2.9	7.2	12.7	19.2	25.9	33.1	40.5	48.4	56.0	63.5
40°	0.0	3.0	7.6	13.4	20.2	27.2	34.8	42.6	50.7	58.4	66.1
37.5°	0.0	3.1	7.9	14.1	21.2	28.5	36.3	44.5	52.7	60.7	68.6
35°	0.0	3.2	8.3	14.8	22.1	29.7	37.8	46.3	54.7	62.9	71.0
32.5°	0.0	3.3	8.6	15.4	23.0	30.8	39.3	48.0	56.5	64.9	73.3
30°	0.0	3.4	8.9	16.0	23.8	31.9	40.6	49.5	58.2	66.8	75.4
27.5°	0.0	3.5	9.2	16.5	24.5	32.9	41.8	50.8	59.7	68.6	77.4
25°	0.0	3.5	9.5	16.9	25.2	33.8	42.9	52.0	61.1	70.2	79.2
22.5°	0.0	3.6	9.7	17.3	25.8	34.7	43.9	53.2	62.4	71.6	81.0
20°	0.0	3.7	10.0	17.7	26.4	35.4	44.7	54.1	63.5	72.9	82.6
17.5°	0.0	3.7	10.2	18.0	26.9	36.0	45.5	55.0	64.5	74.0	84.0
15°	0.0	3.8	10.3	18.2	27.3	36.5	46.2	55.8	65.4	75.0	85.2
12.5°	0.0	3.8	10.5	18.4	27.7	36.9	46.8	56.5	66.1	75.7	86.2
10°	0.0	3.8	10.6	18.6	28.0	37.2	47.3	57.1	66.8	76.6	87.1
7.5°	0.0	3.9	10.7	18.7	28.3	37.4	47.8	57.6	67.4	77.5	88.1
5°	0.0	3.9	10.7	18.7	28.5	37.5	48.1	57.9	67.8	78.1	88.9
2.5°	0.0	3.9	10.8	18.7	28.6	37.6	48.2	58.1	68.0	78.6	89.5
0°	0.0	3.9	10.8	18.7	28.6	37.5	48.3	58.2	68.1	78.9	89.8
-2.5°	0.0	3.9	10.8	18.7	28.6	37.6	48.2	58.1	68.0	78.6	89.5
-5°	0.0	3.9	10.7	18.7	28.5	37.5	48.1	57.9	67.8	78.1	88.9
-7.5°	0.0	3.9	10.7	18.7	28.3	37.4	47.8	57.6	67.4	77.5	88.1
-10°	0.0	3.8	10.6	18.6	28.0	37.2	47.3	57.1	66.8	76.6	87.1
-12.5°	0.0	3.8	10.5	18.4	27.7	36.9	46.8	56.5	66.1	75.7	86.2
-15°	0.0	3.8	10.3	18.2	27.3	36.5	46.2	55.8	65.4	75.0	85.2
-17.5°	0.0	3.7	10.2	18.0	26.9	36.0	45.5	55.0	64.5	74.0	84.0
-20°	0.0	3.7	10.0	17.7	26.4	35.4	44.7	54.1	63.5	72.9	82.6

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Scaled Data Report



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CATALOG NUMBER: GFLD-SA1B-735-U-MR-XX

CANDELA DISTRIBUTION (continued):

	-90°	-87.5°	-85°	-82.5°	-80°	-77.5°	-75°	-72.5°	-70°	-67.5°	-65°
-22.5°	0.0	3.6	9.7	17.3	25.8	34.7	43.9	53.2	62.4	71.6	81.0
-25°	0.0	3.5	9.5	16.9	25.2	33.8	42.9	52.0	61.1	70.2	79.2
-27.5°	0.0	3.5	9.2	16.5	24.5	32.9	41.8	50.8	59.7	68.6	77.4
-30°	0.0	3.4	8.9	16.0	23.8	31.9	40.6	49.5	58.2	66.8	75.4
-32.5°	0.0	3.3	8.6	15.4	23.0	30.8	39.3	48.0	56.5	64.9	73.3
-35°	0.0	3.2	8.3	14.8	22.1	29.7	37.8	46.3	54.7	62.9	71.0
-37.5°	0.0	3.1	7.9	14.1	21.2	28.5	36.3	44.5	52.7	60.7	68.6
-40°	0.0	3.0	7.6	13.4	20.2	27.2	34.8	42.6	50.7	58.4	66.1
-42.5°	0.0	2.9	7.2	12.7	19.2	25.9	33.1	40.5	48.4	56.0	63.5
-45°	0.0	2.8	6.8	11.9	18.1	24.5	31.3	38.4	45.9	53.4	60.7
-47.5°	0.0	2.6	6.3	11.0	17.0	23.1	29.5	36.2	43.2	50.6	57.6
-50°	0.0	2.5	5.9	10.3	15.8	21.6	27.6	34.0	40.5	47.5	54.4
-52.5°	0.0	2.4	5.4	9.6	14.6	20.0	25.7	31.7	37.8	44.3	51.0
-55°	0.0	2.2	4.9	8.9	13.3	18.4	23.7	29.3	35.0	41.0	47.3
-57.5°	0.0	2.1	4.4	8.1	12.1	16.8	21.6	26.8	32.2	37.7	43.4
-60°	0.0	1.9	3.9	7.3	10.7	15.1	19.5	24.3	29.2	34.3	39.6
-62.5°	0.0	1.8	3.6	6.5	9.7	13.4	17.4	21.7	26.3	30.9	35.6
-65°	0.0	1.6	3.3	5.7	8.6	11.7	15.4	19.1	23.2	27.4	31.6
-67.5°	0.0	1.5	3.0	4.9	7.5	10.1	13.2	16.6	20.1	23.9	27.7
-70°	0.0	1.3	2.7	4.1	6.4	8.7	11.1	14.2	17.3	20.4	23.8
-72.5°	0.0	1.2	2.3	3.5	5.3	7.3	9.3	11.6	14.4	17.2	19.9
-75°	0.0	1.0	2.0	3.0	4.1	5.9	7.6	9.5	11.5	13.9	16.3
-77.5°	0.0	0.8	1.7	2.5	3.4	4.4	5.9	7.4	9.0	10.7	12.6
-80°	0.0	0.7	1.4	2.0	2.7	3.4	4.1	5.3	6.6	7.9	9.3
-82.5°	0.0	0.5	1.0	1.5	2.0	2.5	3.0	3.5	4.1	5.0	6.0
-85°	0.0	0.3	0.7	1.0	1.4	1.7	2.0	2.3	2.7	3.0	3.3
-87.5°	0.0	0.2	0.3	0.5	0.7	0.8	1.0	1.2	1.3	1.5	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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CATALOG NUMBER: GFLD-SA1B-735-U-MR-XX

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°	1.8	1.9	2.1	2.2	2.4	2.5	2.6	2.8	2.9	3.0	3.1
85°	3.6	3.9	4.5	5.1	5.6	6.1	6.7	7.2	7.6	8.1	8.5
82.5°	6.9	7.8	8.7	9.6	10.4	11.2	12.0	12.7	13.5	14.1	14.8
80°	10.5	11.7	13.0	14.1	15.2	16.3	17.3	18.3	19.2	20.3	21.4
77.5°	14.4	15.9	17.3	18.6	20.0	21.7	23.3	24.9	26.4	27.8	29.2
75°	18.3	20.1	22.0	23.9	25.9	27.9	29.9	31.8	33.6	35.5	37.4
72.5°	22.5	24.9	27.2	29.5	31.9	34.4	36.7	38.7	41.0	43.6	45.9
70°	26.9	29.6	32.6	35.4	38.3	41.0	43.8	46.6	49.4	52.2	54.8
67.5°	31.3	34.7	38.1	41.4	44.6	47.9	51.2	54.6	57.9	61.0	64.0
65°	36.0	39.8	43.6	47.3	50.9	54.9	58.8	62.6	66.7	70.5	73.9
62.5°	40.5	44.9	49.1	53.3	57.6	62.0	66.5	71.3	76.2	79.8	82.8
60°	45.0	49.9	54.5	59.3	64.1	69.1	74.4	79.4	83.9	87.8	91.0
57.5°	49.3	54.7	59.9	65.1	70.4	76.1	81.8	87.0	91.2	94.9	98.4
55°	53.4	59.5	65.0	70.5	76.6	83.2	89.1	93.7	98.0	101.1	104.4
52.5°	57.4	63.9	69.6	75.8	82.7	89.6	95.4	100.0	103.6	106.8	110.0
50°	61.2	67.7	74.1	81.1	88.4	95.3	101.2	105.4	109.0	112.3	115.5
47.5°	64.6	71.4	78.6	86.1	93.7	100.6	106.2	110.5	114.2	117.7	121.1
45°	67.8	75.1	82.8	91.0	98.9	105.6	110.8	115.3	118.9	122.8	127.2
42.5°	70.9	78.7	87.1	95.9	103.8	110.0	115.0	119.4	123.5	128.2	133.0
40°	74.0	82.1	91.1	100.3	108.4	113.8	118.8	123.5	128.3	133.5	138.8
37.5°	76.8	85.5	94.9	104.5	111.9	117.4	122.6	127.8	133.2	138.8	145.4
35°	79.4	88.7	98.5	107.8	114.9	120.9	126.5	132.1	138.2	145.0	152.3
32.5°	82.0	91.6	101.9	110.6	117.6	124.1	130.2	136.6	143.5	151.0	159.4
30°	84.4	94.4	104.8	113.4	120.0	126.7	133.9	141.0	148.6	157.1	166.8
27.5°	86.9	97.0	107.3	115.7	122.2	129.0	136.7	145.3	153.6	162.9	174.2
25°	89.1	99.7	109.7	117.4	124.0	131.1	139.2	148.3	158.2	169.2	183.0
22.5°	91.2	102.1	112.0	118.9	125.6	133.0	141.7	151.3	162.1	174.8	191.7
20°	93.2	104.0	113.5	120.3	126.8	134.5	143.8	154.0	166.2	181.7	201.9
17.5°	94.9	105.6	114.6	121.5	128.2	136.1	145.7	156.3	170.0	187.8	211.7
15°	96.3	106.9	115.5	122.3	129.3	137.7	147.6	159.1	174.2	193.8	220.2
12.5°	97.6	108.0	116.3	123.0	130.2	138.9	149.2	161.8	178.3	200.3	231.6
10°	98.5	108.7	116.9	123.4	130.8	139.7	150.4	164.0	181.7	205.7	241.4
7.5°	99.4	109.4	117.4	123.6	131.2	140.0	151.3	165.5	184.1	209.7	249.2
5°	100.1	110.0	117.6	123.9	131.5	140.2	151.9	166.4	185.7	212.4	254.7
2.5°	100.5	110.4	117.6	124.2	131.5	140.3	152.7	166.9	187.4	214.7	257.8
0°	100.6	110.5	117.4	124.3	131.2	140.1	152.9	166.7	188.4	216.0	258.4
-2.5°	100.5	110.4	117.6	124.2	131.5	140.3	152.7	166.9	187.4	214.7	257.8
-5°	100.1	110.0	117.6	123.9	131.5	140.2	151.9	166.4	185.7	212.4	254.7
-7.5°	99.4	109.4	117.4	123.6	131.2	140.0	151.3	165.5	184.1	209.7	249.2
-10°	98.5	108.7	116.9	123.4	130.8	139.7	150.4	164.0	181.7	205.7	241.4
-12.5°	97.6	108.0	116.3	123.0	130.2	138.9	149.2	161.8	178.3	200.3	231.6
-15°	96.3	106.9	115.5	122.3	129.3	137.7	147.6	159.1	174.2	193.8	220.2
-17.5°	94.9	105.6	114.6	121.5	128.2	136.1	145.7	156.3	170.0	187.8	211.7
-20°	93.2	104.0	113.5	120.3	126.8	134.5	143.8	154.0	166.2	181.7	201.9

Classified

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

Scaled Data Report



REPORT NUMBER: P626615 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA1B-735-U-MR-XX

CANDELA DISTRIBUTION (continued):

	-62.5°	-60°	-57.5°	-55°	-52.5°	-50°	-47.5°	-45°	-42.5°	-40°	-37.5°
-22.5°	91.2	102.1	112.0	118.9	125.6	133.0	141.7	151.3	162.1	174.8	191.7
-25°	89.1	99.7	109.7	117.4	124.0	131.1	139.2	148.3	158.2	169.2	183.0
-27.5°	86.9	97.0	107.3	115.7	122.2	129.0	136.7	145.3	153.6	162.9	174.2
-30°	84.4	94.4	104.8	113.4	120.0	126.7	133.9	141.0	148.6	157.1	166.8
-32.5°	82.0	91.6	101.9	110.6	117.6	124.1	130.2	136.6	143.5	151.0	159.4
-35°	79.4	88.7	98.5	107.8	114.9	120.9	126.5	132.1	138.2	145.0	152.3
-37.5°	76.8	85.5	94.9	104.5	111.9	117.4	122.6	127.8	133.2	138.8	145.4
-40°	74.0	82.1	91.1	100.3	108.4	113.8	118.8	123.5	128.3	133.5	138.8
-42.5°	70.9	78.7	87.1	95.9	103.8	110.0	115.0	119.4	123.5	128.2	133.0
-45°	67.8	75.1	82.8	91.0	98.9	105.6	110.8	115.3	118.9	122.8	127.2
-47.5°	64.6	71.4	78.6	86.1	93.7	100.6	106.2	110.5	114.2	117.7	121.1
-50°	61.2	67.7	74.1	81.1	88.4	95.3	101.2	105.4	109.0	112.3	115.5
-52.5°	57.4	63.9	69.6	75.8	82.7	89.6	95.4	100.0	103.6	106.8	110.0
-55°	53.4	59.5	65.0	70.5	76.6	83.2	89.1	93.7	98.0	101.1	104.4
-57.5°	49.3	54.7	59.9	65.1	70.4	76.1	81.8	87.0	91.2	94.9	98.4
-60°	45.0	49.9	54.5	59.3	64.1	69.1	74.4	79.4	83.9	87.8	91.0
-62.5°	40.5	44.9	49.1	53.3	57.6	62.0	66.5	71.3	76.2	79.8	82.8
-65°	36.0	39.8	43.6	47.3	50.9	54.9	58.8	62.6	66.7	70.5	73.9
-67.5°	31.3	34.7	38.1	41.4	44.6	47.9	51.2	54.6	57.9	61.0	64.0
-70°	26.9	29.6	32.6	35.4	38.3	41.0	43.8	46.6	49.4	52.2	54.8
-72.5°	22.5	24.9	27.2	29.5	31.9	34.4	36.7	38.7	41.0	43.6	45.9
-75°	18.3	20.1	22.0	23.9	25.9	27.9	29.9	31.8	33.6	35.5	37.4
-77.5°	14.4	15.9	17.3	18.6	20.0	21.7	23.3	24.9	26.4	27.8	29.2
-80°	10.5	11.7	13.0	14.1	15.2	16.3	17.3	18.3	19.2	20.3	21.4
-82.5°	6.9	7.8	8.7	9.6	10.4	11.2	12.0	12.7	13.5	14.1	14.8
-85°	3.6	3.9	4.5	5.1	5.6	6.1	6.7	7.2	7.6	8.1	8.5
-87.5°	1.8	1.9	2.1	2.2	2.4	2.5	2.6	2.8	2.9	3.0	3.1
-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: P626615 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA1B-735-U-MR-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°	3.2	3.3	3.4	3.5	3.5	3.6	3.7	3.7	3.8	3.8	3.8
85°	8.9	9.3	9.7	10.0	10.3	10.4	10.4	10.4	10.3	10.5	10.6
82.5°	15.4	16.1	16.8	17.5	18.2	18.4	18.6	18.7	18.8	19.1	19.3
80°	22.4	23.5	24.5	25.4	26.2	26.8	27.3	27.8	28.2	28.4	28.5
77.5°	30.5	31.8	33.1	34.2	35.3	36.1	36.8	37.4	37.8	38.1	38.3
75°	39.2	40.9	42.4	43.8	45.0	46.0	46.6	47.0	47.3	47.7	47.9
72.5°	48.0	50.0	51.7	53.4	54.9	55.9	56.6	57.2	57.7	58.0	58.1
70°	57.3	59.6	61.5	63.2	64.5	65.5	66.3	66.9	67.4	67.7	67.9
67.5°	66.9	69.3	71.2	72.6	73.8	74.9	75.8	76.5	77.0	77.5	78.0
65°	76.7	79.2	81.0	82.6	83.8	85.2	86.4	87.3	87.9	88.5	89.1
62.5°	85.9	88.7	90.8	92.9	94.9	96.9	98.0	98.9	99.5	100.1	100.7
60°	94.2	97.4	100.0	102.5	105.0	107.5	108.6	109.4	110.2	110.9	111.5
57.5°	101.6	105.0	108.2	110.7	113.1	115.4	117.1	118.0	118.5	118.9	119.1
55°	108.1	111.4	114.7	117.5	120.1	122.5	124.3	125.2	125.8	126.3	126.5
52.5°	113.8	117.5	120.9	124.0	126.9	129.5	131.8	132.9	133.9	134.6	134.8
50°	119.5	123.4	127.2	130.5	133.8	136.9	139.8	141.4	142.6	143.4	143.6
47.5°	125.5	129.7	133.8	137.6	141.3	145.0	148.4	150.7	152.4	153.7	154.5
45°	131.6	136.2	140.7	145.2	149.5	154.3	158.6	161.9	164.3	166.5	168.2
42.5°	137.9	143.0	148.1	154.0	159.8	165.2	170.3	174.7	178.8	182.7	185.8
40°	144.6	150.2	157.2	164.2	171.4	177.7	185.2	191.9	198.1	204.7	210.2
37.5°	152.0	159.2	167.5	175.8	185.2	194.3	204.8	215.1	224.1	235.7	245.0
35°	160.0	169.2	179.0	190.2	202.3	216.6	231.2	248.4	262.9	281.5	298.6
32.5°	169.0	179.7	192.5	207.9	224.2	247.1	268.5	297.7	322.6	354.8	389.9
30°	178.0	192.0	209.4	229.2	256.8	289.2	327.1	376.4	429.7	484.9	559.1
27.5°	188.9	207.0	228.6	259.2	300.5	345.4	422.6	506.0	622.1	713.9	877.6
25°	200.5	222.9	254.9	299.3	356.3	447.3	577.6	728.4	960.7	1167.3	1404.7
22.5°	214.3	244.7	287.0	345.1	444.6	601.1	804.5	1114.2	1458.5	1798.4	2109.0
20°	228.9	265.6	324.7	419.5	573.1	799.5	1162.3	1604.9	2062.0	2527.8	2920.3
17.5°	245.9	295.8	373.7	499.6	718.7	1106.3	1590.9	2153.6	2750.9	3345.2	3861.4
15°	260.5	322.1	427.1	615.6	942.4	1427.3	2022.8	2733.6	3484.6	4255.9	5091.8
12.5°	279.2	353.9	482.1	711.6	1140.8	1771.1	2499.7	3325.0	4242.1	5266.2	6569.3
10°	296.3	387.3	554.5	865.3	1379.4	2092.2	2911.7	3848.0	5037.5	6576.5	8148.5
7.5°	310.1	413.7	610.6	985.3	1579.5	2366.6	3282.7	4405.2	5889.3	7721.8	9517.9
5°	319.6	432.1	650.7	1075.9	1740.4	2576.3	3545.9	4816.1	6607.2	8659.3	10493.3
2.5°	325.6	442.1	670.4	1129.7	1845.4	2702.5	3710.2	5077.1	7047.2	9256.1	11112.9
0°	328.4	443.8	657.9	1155.9	1860.2	2693.6	3725.3	5164.3	7151.7	9418.2	11267.5
-2.5°	325.6	442.1	670.4	1129.7	1845.4	2702.5	3710.2	5077.1	7047.2	9256.1	11112.9
-5°	319.6	432.1	650.7	1075.9	1740.4	2576.3	3545.9	4816.1	6607.2	8659.3	10493.3
-7.5°	310.1	413.7	610.6	985.3	1579.5	2366.6	3282.7	4405.2	5889.3	7721.8	9517.9
-10°	296.3	387.3	554.5	865.3	1379.4	2092.2	2911.7	3848.0	5037.5	6576.5	8148.5
-12.5°	279.2	353.9	482.1	711.6	1140.8	1771.1	2499.7	3325.0	4242.1	5266.2	6569.3
-15°	260.5	322.1	427.1	615.6	942.4	1427.3	2022.8	2733.6	3484.6	4255.9	5091.8
-17.5°	245.9	295.8	373.7	499.6	718.7	1106.3	1590.9	2153.6	2750.9	3345.2	3861.4
-20°	228.9	265.6	324.7	419.5	573.1	799.5	1162.3	1604.9	2062.0	2527.8	2920.3

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Cooper Lighting Solutions Photometric Lab
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Peachtree City, GA 30269

Scaled Data Report



REPORT NUMBER: P626615 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA1B-735-U-MR-XX

CANDELA DISTRIBUTION (continued):

	-35°	-32.5°	-30°	-27.5°	-25°	-22.5°	-20°	-17.5°	-15°	-12.5°	-10°
-22.5°	214.3	244.7	287.0	345.1	444.6	601.1	804.5	1114.2	1458.5	1798.4	2109.0
-25°	200.5	222.9	254.9	299.3	356.3	447.3	577.6	728.4	960.7	1167.3	1404.7
-27.5°	188.9	207.0	228.6	259.2	300.5	345.4	422.6	506.0	622.1	713.9	877.6
-30°	178.0	192.0	209.4	229.2	256.8	289.2	327.1	376.4	429.7	484.9	559.1
-32.5°	169.0	179.7	192.5	207.9	224.2	247.1	268.5	297.7	322.6	354.8	389.9
-35°	160.0	169.2	179.0	190.2	202.3	216.6	231.2	248.4	262.9	281.5	298.6
-37.5°	152.0	159.2	167.5	175.8	185.2	194.3	204.8	215.1	224.1	235.7	245.0
-40°	144.6	150.2	157.2	164.2	171.4	177.7	185.2	191.9	198.1	204.7	210.2
-42.5°	137.9	143.0	148.1	154.0	159.8	165.2	170.3	174.7	178.8	182.7	185.8
-45°	131.6	136.2	140.7	145.2	149.5	154.3	158.6	161.9	164.3	166.5	168.2
-47.5°	125.5	129.7	133.8	137.6	141.3	145.0	148.4	150.7	152.4	153.7	154.5
-50°	119.5	123.4	127.2	130.5	133.8	136.9	139.8	141.4	142.6	143.4	143.6
-52.5°	113.8	117.5	120.9	124.0	126.9	129.5	131.8	132.9	133.9	134.6	134.8
-55°	108.1	111.4	114.7	117.5	120.1	122.5	124.3	125.2	125.8	126.3	126.5
-57.5°	101.6	105.0	108.2	110.7	113.1	115.4	117.1	118.0	118.5	118.9	119.1
-60°	94.2	97.4	100.0	102.5	105.0	107.5	108.6	109.4	110.2	110.9	111.5
-62.5°	85.9	88.7	90.8	92.9	94.9	96.9	98.0	98.9	99.5	100.1	100.7
-65°	76.7	79.2	81.0	82.6	83.8	85.2	86.4	87.3	87.9	88.5	89.1
-67.5°	66.9	69.3	71.2	72.6	73.8	74.9	75.8	76.5	77.0	77.5	78.0
-70°	57.3	59.6	61.5	63.2	64.5	65.5	66.3	66.9	67.4	67.7	67.9
-72.5°	48.0	50.0	51.7	53.4	54.9	55.9	56.6	57.2	57.7	58.0	58.1
-75°	39.2	40.9	42.4	43.8	45.0	46.0	46.6	47.0	47.3	47.7	47.9
-77.5°	30.5	31.8	33.1	34.2	35.3	36.1	36.8	37.4	37.8	38.1	38.3
-80°	22.4	23.5	24.5	25.4	26.2	26.8	27.3	27.8	28.2	28.4	28.5
-82.5°	15.4	16.1	16.8	17.5	18.2	18.4	18.6	18.7	18.8	19.1	19.3
-85°	8.9	9.3	9.7	10.0	10.3	10.4	10.4	10.4	10.3	10.5	10.6
-87.5°	3.2	3.3	3.4	3.5	3.5	3.6	3.7	3.7	3.8	3.8	3.8
-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: P626615 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA1B-735-U-MR-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°	3.9	3.9	3.9	3.9	3.9	3.9	3.9	3.8	3.8	3.8	3.7
85°	10.7	10.7	10.8	10.8	10.8	10.7	10.7	10.6	10.5	10.3	10.4
82.5°	19.5	19.6	19.7	19.7	19.7	19.6	19.5	19.3	19.1	18.8	18.7
80°	28.5	28.5	28.6	28.6	28.6	28.5	28.5	28.5	28.4	28.2	27.8
77.5°	38.3	38.3	38.5	38.5	38.5	38.3	38.3	38.3	38.1	37.8	37.4
75°	48.1	48.1	48.2	48.3	48.2	48.1	48.1	47.9	47.7	47.3	47.0
72.5°	58.1	58.0	58.1	58.2	58.1	58.0	58.1	58.1	58.0	57.7	57.2
70°	68.0	67.8	68.4	69.0	68.4	67.8	68.0	67.9	67.7	67.4	66.9
67.5°	78.4	78.6	79.3	79.9	79.3	78.6	78.4	78.0	77.5	77.0	76.5
65°	89.4	89.5	90.1	90.7	90.1	89.5	89.4	89.1	88.5	87.9	87.3
62.5°	101.1	101.2	101.9	102.6	101.9	101.2	101.1	100.7	100.1	99.5	98.9
60°	111.9	112.0	112.3	112.4	112.3	112.0	111.9	111.5	110.9	110.2	109.4
57.5°	119.2	119.1	119.2	119.3	119.2	119.1	119.2	119.1	118.9	118.5	118.0
55°	126.4	126.1	125.7	125.3	125.7	126.1	126.4	126.5	126.3	125.8	125.2
52.5°	134.6	134.1	133.6	133.2	133.6	134.1	134.6	134.8	134.6	133.9	132.9
50°	143.4	143.0	142.5	142.0	142.5	143.0	143.4	143.6	143.4	142.6	141.4
47.5°	155.1	155.3	155.2	154.8	155.2	155.3	155.1	154.5	153.7	152.4	150.7
45°	169.4	169.9	170.0	169.6	170.0	169.9	169.4	168.2	166.5	164.3	161.9
42.5°	187.9	189.2	189.9	190.4	189.9	189.2	187.9	185.8	182.7	178.8	174.7
40°	214.3	216.8	218.5	219.9	218.5	216.8	214.3	210.2	204.7	198.1	191.9
37.5°	252.0	256.6	258.7	257.4	258.7	256.6	252.0	245.0	235.7	224.1	215.1
35°	311.7	320.6	325.1	325.5	325.1	320.6	311.7	298.6	281.5	262.9	248.4
32.5°	415.8	433.8	443.5	444.8	443.5	433.8	415.8	389.9	354.8	322.6	297.7
30°	615.9	652.6	669.9	665.8	669.9	652.6	615.9	559.1	484.9	429.7	376.4
27.5°	1004.9	1096.4	1150.6	1155.0	1150.6	1096.4	1004.9	877.6	713.9	622.1	506.0
25°	1615.0	1771.3	1871.3	1873.0	1871.3	1771.3	1615.0	1404.7	1167.3	960.7	728.4
22.5°	2396.2	2609.6	2726.5	2746.8	2726.5	2609.6	2396.2	2109.0	1798.4	1458.5	1114.2
20°	3301.3	3585.1	3736.9	3737.1	3736.9	3585.1	3301.3	2920.3	2527.8	2062.0	1604.9
17.5°	4415.9	4876.7	5166.0	5290.5	5166.0	4876.7	4415.9	3861.4	3345.2	2750.9	2153.6
15°	5896.7	6671.1	7135.1	7218.7	7135.1	6671.1	5896.7	5091.8	4255.9	3484.6	2733.6
12.5°	7699.7	8679.7	9338.5	9579.9	9338.5	8679.7	7699.7	6569.3	5266.2	4242.1	3325.0
10°	9582.3	10490.3	11196.0	11433.2	11196.0	10490.3	9582.3	8148.5	6576.5	5037.5	3848.0
7.5°	10942.3	12025.0	12820.0	13169.1	12820.0	12025.0	10942.3	9517.9	7721.8	5889.3	4405.2
5°	12015.9	13297.1	14037.0	14365.4	14037.0	13297.1	12015.9	10493.3	8659.3	6607.2	4816.1
2.5°	12720.2	13986.1	14769.8	15072.6	14769.8	13986.1	12720.2	11112.9	9256.1	7047.2	5077.1
0°	12983.6	14221.4	14995.7	15365.6	14995.7	14221.4	12983.6	11267.5	9418.2	7151.7	5164.3
-2.5°	12720.2	13986.1	14769.8	15072.6	14769.8	13986.1	12720.2	11112.9	9256.1	7047.2	5077.1
-5°	12015.9	13297.1	14037.0	14365.4	14037.0	13297.1	12015.9	10493.3	8659.3	6607.2	4816.1
-7.5°	10942.3	12025.0	12820.0	13169.1	12820.0	12025.0	10942.3	9517.9	7721.8	5889.3	4405.2
-10°	9582.3	10490.3	11196.0	11433.2	11196.0	10490.3	9582.3	8148.5	6576.5	5037.5	3848.0
-12.5°	7699.7	8679.7	9338.5	9579.9	9338.5	8679.7	7699.7	6569.3	5266.2	4242.1	3325.0
-15°	5896.7	6671.1	7135.1	7218.7	7135.1	6671.1	5896.7	5091.8	4255.9	3484.6	2733.6
-17.5°	4415.9	4876.7	5166.0	5290.5	5166.0	4876.7	4415.9	3861.4	3345.2	2750.9	2153.6
-20°	3301.3	3585.1	3736.9	3737.1	3736.9	3585.1	3301.3	2920.3	2527.8	2062.0	1604.9



REPORT NUMBER: P626615 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA1B-735-U-MR-XX

CANDELA DISTRIBUTION (continued):

	-7.5°	-5°	-2.5°	0°	2.5°	5°	7.5°	10°	12.5°	15°	17.5°
-22.5°	2396.2	2609.6	2726.5	2746.8	2726.5	2609.6	2396.2	2109.0	1798.4	1458.5	1114.2
-25°	1615.0	1771.3	1871.3	1873.0	1871.3	1771.3	1615.0	1404.7	1167.3	960.7	728.4
-27.5°	1004.9	1096.4	1150.6	1155.0	1150.6	1096.4	1004.9	877.6	713.9	622.1	506.0
-30°	615.9	652.6	669.9	665.8	669.9	652.6	615.9	559.1	484.9	429.7	376.4
-32.5°	415.8	433.8	443.5	444.8	443.5	433.8	415.8	389.9	354.8	322.6	297.7
-35°	311.7	320.6	325.1	325.5	325.1	320.6	311.7	298.6	281.5	262.9	248.4
-37.5°	252.0	256.6	258.7	257.4	258.7	256.6	252.0	245.0	235.7	224.1	215.1
-40°	214.3	216.8	218.5	219.9	218.5	216.8	214.3	210.2	204.7	198.1	191.9
-42.5°	187.9	189.2	189.9	190.4	189.9	189.2	187.9	185.8	182.7	178.8	174.7
-45°	169.4	169.9	170.0	169.6	170.0	169.9	169.4	168.2	166.5	164.3	161.9
-47.5°	155.1	155.3	155.2	154.8	155.2	155.3	155.1	154.5	153.7	152.4	150.7
-50°	143.4	143.0	142.5	142.0	142.5	143.0	143.4	143.6	143.4	142.6	141.4
-52.5°	134.6	134.1	133.6	133.2	133.6	134.1	134.6	134.8	134.6	133.9	132.9
-55°	126.4	126.1	125.7	125.3	125.7	126.1	126.4	126.5	126.3	125.8	125.2
-57.5°	119.2	119.1	119.2	119.3	119.2	119.1	119.2	119.1	118.9	118.5	118.0
-60°	111.9	112.0	112.3	112.4	112.3	112.0	111.9	111.5	110.9	110.2	109.4
-62.5°	101.1	101.2	101.9	102.6	101.9	101.2	101.1	100.7	100.1	99.5	98.9
-65°	89.4	89.5	90.1	90.7	90.1	89.5	89.4	89.1	88.5	87.9	87.3
-67.5°	78.4	78.6	79.3	79.9	79.3	78.6	78.4	78.0	77.5	77.0	76.5
-70°	68.0	67.8	68.4	69.0	68.4	67.8	68.0	67.9	67.7	67.4	66.9
-72.5°	58.1	58.0	58.1	58.2	58.1	58.0	58.1	58.1	58.0	57.7	57.2
-75°	48.1	48.1	48.2	48.3	48.2	48.1	48.1	47.9	47.7	47.3	47.0
-77.5°	38.3	38.3	38.5	38.5	38.5	38.3	38.3	38.3	38.1	37.8	37.4
-80°	28.5	28.5	28.6	28.6	28.6	28.5	28.5	28.5	28.4	28.2	27.8
-82.5°	19.5	19.6	19.7	19.7	19.7	19.6	19.5	19.3	19.1	18.8	18.7
-85°	10.7	10.7	10.8	10.8	10.8	10.7	10.7	10.6	10.5	10.3	10.4
-87.5°	3.9	3.9	3.9	3.9	3.9	3.9	3.9	3.8	3.8	3.8	3.7
-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: P626615 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA1B-735-U-MR-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°	3.7	3.6	3.5	3.5	3.4	3.3	3.2	3.1	3.0	2.9	2.8
85°	10.4	10.4	10.3	10.0	9.7	9.3	8.9	8.5	8.1	7.6	7.2
82.5°	18.6	18.4	18.2	17.5	16.8	16.1	15.4	14.8	14.1	13.5	12.7
80°	27.3	26.8	26.2	25.4	24.5	23.5	22.4	21.4	20.3	19.2	18.3
77.5°	36.8	36.1	35.3	34.2	33.1	31.8	30.5	29.2	27.8	26.4	24.9
75°	46.6	46.0	45.0	43.8	42.4	40.9	39.2	37.4	35.5	33.6	31.8
72.5°	56.6	55.9	54.9	53.4	51.7	50.0	48.0	45.9	43.6	41.0	38.7
70°	66.3	65.5	64.5	63.2	61.5	59.6	57.3	54.8	52.2	49.4	46.6
67.5°	75.8	74.9	73.8	72.6	71.2	69.3	66.9	64.0	61.0	57.9	54.6
65°	86.4	85.2	83.8	82.6	81.0	79.2	76.7	73.9	70.5	66.7	62.6
62.5°	98.0	96.9	94.9	92.9	90.8	88.7	85.9	82.8	79.8	76.2	71.3
60°	108.6	107.5	105.0	102.5	100.0	97.4	94.2	91.0	87.8	83.9	79.4
57.5°	117.1	115.4	113.1	110.7	108.2	105.0	101.6	98.4	94.9	91.2	87.0
55°	124.3	122.5	120.1	117.5	114.7	111.4	108.1	104.4	101.1	98.0	93.7
52.5°	131.8	129.5	126.9	124.0	120.9	117.5	113.8	110.0	106.8	103.6	100.0
50°	139.8	136.9	133.8	130.5	127.2	123.4	119.5	115.5	112.3	109.0	105.4
47.5°	148.4	145.0	141.3	137.6	133.8	129.7	125.5	121.1	117.7	114.2	110.5
45°	158.6	154.3	149.5	145.2	140.7	136.2	131.6	127.2	122.8	118.9	115.3
42.5°	170.3	165.2	159.8	154.0	148.1	143.0	137.9	133.0	128.2	123.5	119.4
40°	185.2	177.7	171.4	164.2	157.2	150.2	144.6	138.8	133.5	128.3	123.5
37.5°	204.8	194.3	185.2	175.8	167.5	159.2	152.0	145.4	138.8	133.2	127.8
35°	231.2	216.6	202.3	190.2	179.0	169.2	160.0	152.3	145.0	138.2	132.1
32.5°	268.5	247.1	224.2	207.9	192.5	179.7	169.0	159.4	151.0	143.5	136.6
30°	327.1	289.2	256.8	229.2	209.4	192.0	178.0	166.8	157.1	148.6	141.0
27.5°	422.6	345.4	300.5	259.2	228.6	207.0	188.9	174.2	162.9	153.6	145.3
25°	577.6	447.3	356.3	299.3	254.9	222.9	200.5	183.0	169.2	158.2	148.3
22.5°	804.5	601.1	444.6	345.1	287.0	244.7	214.3	191.7	174.8	162.1	151.3
20°	1162.3	799.5	573.1	419.5	324.7	265.6	228.9	201.9	181.7	166.2	154.0
17.5°	1590.9	1106.3	718.7	499.6	373.7	295.8	245.9	211.7	187.8	170.0	156.3
15°	2022.8	1427.3	942.4	615.6	427.1	322.1	260.5	220.2	193.8	174.2	159.1
12.5°	2499.7	1771.1	1140.8	711.6	482.1	353.9	279.2	231.6	200.3	178.3	161.8
10°	2911.7	2092.2	1379.4	865.3	554.5	387.3	296.3	241.4	205.7	181.7	164.0
7.5°	3282.7	2366.6	1579.5	985.3	610.6	413.7	310.1	249.2	209.7	184.1	165.5
5°	3545.9	2576.3	1740.4	1075.9	650.7	432.1	319.6	254.7	212.4	185.7	166.4
2.5°	3710.2	2702.5	1845.4	1129.7	670.4	442.1	325.6	257.8	214.7	187.4	166.9
0°	3725.3	2693.6	1860.2	1155.9	657.9	443.8	328.4	258.4	216.0	188.4	166.7
-2.5°	3710.2	2702.5	1845.4	1129.7	670.4	442.1	325.6	257.8	214.7	187.4	166.9
-5°	3545.9	2576.3	1740.4	1075.9	650.7	432.1	319.6	254.7	212.4	185.7	166.4
-7.5°	3282.7	2366.6	1579.5	985.3	610.6	413.7	310.1	249.2	209.7	184.1	165.5
-10°	2911.7	2092.2	1379.4	865.3	554.5	387.3	296.3	241.4	205.7	181.7	164.0
-12.5°	2499.7	1771.1	1140.8	711.6	482.1	353.9	279.2	231.6	200.3	178.3	161.8
-15°	2022.8	1427.3	942.4	615.6	427.1	322.1	260.5	220.2	193.8	174.2	159.1
-17.5°	1590.9	1106.3	718.7	499.6	373.7	295.8	245.9	211.7	187.8	170.0	156.3
-20°	1162.3	799.5	573.1	419.5	324.7	265.6	228.9	201.9	181.7	166.2	154.0



REPORT NUMBER: P626615 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA1B-735-U-MR-XX

CANDELA DISTRIBUTION (continued):

	20°	22.5°	25°	27.5°	30°	32.5°	35°	37.5°	40°	42.5°	45°
-22.5°	804.5	601.1	444.6	345.1	287.0	244.7	214.3	191.7	174.8	162.1	151.3
-25°	577.6	447.3	356.3	299.3	254.9	222.9	200.5	183.0	169.2	158.2	148.3
-27.5°	422.6	345.4	300.5	259.2	228.6	207.0	188.9	174.2	162.9	153.6	145.3
-30°	327.1	289.2	256.8	229.2	209.4	192.0	178.0	166.8	157.1	148.6	141.0
-32.5°	268.5	247.1	224.2	207.9	192.5	179.7	169.0	159.4	151.0	143.5	136.6
-35°	231.2	216.6	202.3	190.2	179.0	169.2	160.0	152.3	145.0	138.2	132.1
-37.5°	204.8	194.3	185.2	175.8	167.5	159.2	152.0	145.4	138.8	133.2	127.8
-40°	185.2	177.7	171.4	164.2	157.2	150.2	144.6	138.8	133.5	128.3	123.5
-42.5°	170.3	165.2	159.8	154.0	148.1	143.0	137.9	133.0	128.2	123.5	119.4
-45°	158.6	154.3	149.5	145.2	140.7	136.2	131.6	127.2	122.8	118.9	115.3
-47.5°	148.4	145.0	141.3	137.6	133.8	129.7	125.5	121.1	117.7	114.2	110.5
-50°	139.8	136.9	133.8	130.5	127.2	123.4	119.5	115.5	112.3	109.0	105.4
-52.5°	131.8	129.5	126.9	124.0	120.9	117.5	113.8	110.0	106.8	103.6	100.0
-55°	124.3	122.5	120.1	117.5	114.7	111.4	108.1	104.4	101.1	98.0	93.7
-57.5°	117.1	115.4	113.1	110.7	108.2	105.0	101.6	98.4	94.9	91.2	87.0
-60°	108.6	107.5	105.0	102.5	100.0	97.4	94.2	91.0	87.8	83.9	79.4
-62.5°	98.0	96.9	94.9	92.9	90.8	88.7	85.9	82.8	79.8	76.2	71.3
-65°	86.4	85.2	83.8	82.6	81.0	79.2	76.7	73.9	70.5	66.7	62.6
-67.5°	75.8	74.9	73.8	72.6	71.2	69.3	66.9	64.0	61.0	57.9	54.6
-70°	66.3	65.5	64.5	63.2	61.5	59.6	57.3	54.8	52.2	49.4	46.6
-72.5°	56.6	55.9	54.9	53.4	51.7	50.0	48.0	45.9	43.6	41.0	38.7
-75°	46.6	46.0	45.0	43.8	42.4	40.9	39.2	37.4	35.5	33.6	31.8
-77.5°	36.8	36.1	35.3	34.2	33.1	31.8	30.5	29.2	27.8	26.4	24.9
-80°	27.3	26.8	26.2	25.4	24.5	23.5	22.4	21.4	20.3	19.2	18.3
-82.5°	18.6	18.4	18.2	17.5	16.8	16.1	15.4	14.8	14.1	13.5	12.7
-85°	10.4	10.4	10.3	10.0	9.7	9.3	8.9	8.5	8.1	7.6	7.2
-87.5°	3.7	3.6	3.5	3.5	3.4	3.3	3.2	3.1	3.0	2.9	2.8
-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: P626615 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA1B-735-U-MR-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°	2.6	2.5	2.4	2.2	2.1	1.9	1.8	1.6	1.5	1.3	1.2
85°	6.7	6.1	5.6	5.1	4.5	3.9	3.6	3.3	3.0	2.7	2.3
82.5°	12.0	11.2	10.4	9.6	8.7	7.8	6.9	6.0	5.0	4.1	3.5
80°	17.3	16.3	15.2	14.1	13.0	11.7	10.5	9.3	7.9	6.6	5.3
77.5°	23.3	21.7	20.0	18.6	17.3	15.9	14.4	12.6	10.7	9.0	7.4
75°	29.9	27.9	25.9	23.9	22.0	20.1	18.3	16.3	13.9	11.5	9.5
72.5°	36.7	34.4	31.9	29.5	27.2	24.9	22.5	19.9	17.2	14.4	11.6
70°	43.8	41.0	38.3	35.4	32.6	29.6	26.9	23.8	20.4	17.3	14.2
67.5°	51.2	47.9	44.6	41.4	38.1	34.7	31.3	27.7	23.9	20.1	16.6
65°	58.8	54.9	50.9	47.3	43.6	39.8	36.0	31.6	27.4	23.2	19.1
62.5°	66.5	62.0	57.6	53.3	49.1	44.9	40.5	35.6	30.9	26.3	21.7
60°	74.4	69.1	64.1	59.3	54.5	49.9	45.0	39.6	34.3	29.2	24.3
57.5°	81.8	76.1	70.4	65.1	59.9	54.7	49.3	43.4	37.7	32.2	26.8
55°	89.1	83.2	76.6	70.5	65.0	59.5	53.4	47.3	41.0	35.0	29.3
52.5°	95.4	89.6	82.7	75.8	69.6	63.9	57.4	51.0	44.3	37.8	31.7
50°	101.2	95.3	88.4	81.1	74.1	67.7	61.2	54.4	47.5	40.5	34.0
47.5°	106.2	100.6	93.7	86.1	78.6	71.4	64.6	57.6	50.6	43.2	36.2
45°	110.8	105.6	98.9	91.0	82.8	75.1	67.8	60.7	53.4	45.9	38.4
42.5°	115.0	110.0	103.8	95.9	87.1	78.7	70.9	63.5	56.0	48.4	40.5
40°	118.8	113.8	108.4	100.3	91.1	82.1	74.0	66.1	58.4	50.7	42.6
37.5°	122.6	117.4	111.9	104.5	94.9	85.5	76.8	68.6	60.7	52.7	44.5
35°	126.5	120.9	114.9	107.8	98.5	88.7	79.4	71.0	62.9	54.7	46.3
32.5°	130.2	124.1	117.6	110.6	101.9	91.6	82.0	73.3	64.9	56.5	48.0
30°	133.9	126.7	120.0	113.4	104.8	94.4	84.4	75.4	66.8	58.2	49.5
27.5°	136.7	129.0	122.2	115.7	107.3	97.0	86.9	77.4	68.6	59.7	50.8
25°	139.2	131.1	124.0	117.4	109.7	99.7	89.1	79.2	70.2	61.1	52.0
22.5°	141.7	133.0	125.6	118.9	112.0	102.1	91.2	81.0	71.6	62.4	53.2
20°	143.8	134.5	126.8	120.3	113.5	104.0	93.2	82.6	72.9	63.5	54.1
17.5°	145.7	136.1	128.2	121.5	114.6	105.6	94.9	84.0	74.0	64.5	55.0
15°	147.6	137.7	129.3	122.3	115.5	106.9	96.3	85.2	75.0	65.4	55.8
12.5°	149.2	138.9	130.2	123.0	116.3	108.0	97.6	86.2	75.7	66.1	56.5
10°	150.4	139.7	130.8	123.4	116.9	108.7	98.5	87.1	76.6	66.8	57.1
7.5°	151.3	140.0	131.2	123.6	117.4	109.4	99.4	88.1	77.5	67.4	57.6
5°	151.9	140.2	131.5	123.9	117.6	110.0	100.1	88.9	78.1	67.8	57.9
2.5°	152.7	140.3	131.5	124.2	117.6	110.4	100.5	89.5	78.6	68.0	58.1
0°	152.9	140.1	131.2	124.3	117.4	110.5	100.6	89.8	78.9	68.1	58.2
-2.5°	152.7	140.3	131.5	124.2	117.6	110.4	100.5	89.5	78.6	68.0	58.1
-5°	151.9	140.2	131.5	123.9	117.6	110.0	100.1	88.9	78.1	67.8	57.9
-7.5°	151.3	140.0	131.2	123.6	117.4	109.4	99.4	88.1	77.5	67.4	57.6
-10°	150.4	139.7	130.8	123.4	116.9	108.7	98.5	87.1	76.6	66.8	57.1
-12.5°	149.2	138.9	130.2	123.0	116.3	108.0	97.6	86.2	75.7	66.1	56.5
-15°	147.6	137.7	129.3	122.3	115.5	106.9	96.3	85.2	75.0	65.4	55.8
-17.5°	145.7	136.1	128.2	121.5	114.6	105.6	94.9	84.0	74.0	64.5	55.0
-20°	143.8	134.5	126.8	120.3	113.5	104.0	93.2	82.6	72.9	63.5	54.1

Classified

Cooper Lighting Solutions Photometric Lab
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Scaled Data Report



REPORT NUMBER: P626615 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA1B-735-U-MR-XX

CANDELA DISTRIBUTION (continued):

	47.5°	50°	52.5°	55°	57.5°	60°	62.5°	65°	67.5°	70°	72.5°
-22.5°	141.7	133.0	125.6	118.9	112.0	102.1	91.2	81.0	71.6	62.4	53.2
-25°	139.2	131.1	124.0	117.4	109.7	99.7	89.1	79.2	70.2	61.1	52.0
-27.5°	136.7	129.0	122.2	115.7	107.3	97.0	86.9	77.4	68.6	59.7	50.8
-30°	133.9	126.7	120.0	113.4	104.8	94.4	84.4	75.4	66.8	58.2	49.5
-32.5°	130.2	124.1	117.6	110.6	101.9	91.6	82.0	73.3	64.9	56.5	48.0
-35°	126.5	120.9	114.9	107.8	98.5	88.7	79.4	71.0	62.9	54.7	46.3
-37.5°	122.6	117.4	111.9	104.5	94.9	85.5	76.8	68.6	60.7	52.7	44.5
-40°	118.8	113.8	108.4	100.3	91.1	82.1	74.0	66.1	58.4	50.7	42.6
-42.5°	115.0	110.0	103.8	95.9	87.1	78.7	70.9	63.5	56.0	48.4	40.5
-45°	110.8	105.6	98.9	91.0	82.8	75.1	67.8	60.7	53.4	45.9	38.4
-47.5°	106.2	100.6	93.7	86.1	78.6	71.4	64.6	57.6	50.6	43.2	36.2
-50°	101.2	95.3	88.4	81.1	74.1	67.7	61.2	54.4	47.5	40.5	34.0
-52.5°	95.4	89.6	82.7	75.8	69.6	63.9	57.4	51.0	44.3	37.8	31.7
-55°	89.1	83.2	76.6	70.5	65.0	59.5	53.4	47.3	41.0	35.0	29.3
-57.5°	81.8	76.1	70.4	65.1	59.9	54.7	49.3	43.4	37.7	32.2	26.8
-60°	74.4	69.1	64.1	59.3	54.5	49.9	45.0	39.6	34.3	29.2	24.3
-62.5°	66.5	62.0	57.6	53.3	49.1	44.9	40.5	35.6	30.9	26.3	21.7
-65°	58.8	54.9	50.9	47.3	43.6	39.8	36.0	31.6	27.4	23.2	19.1
-67.5°	51.2	47.9	44.6	41.4	38.1	34.7	31.3	27.7	23.9	20.1	16.6
-70°	43.8	41.0	38.3	35.4	32.6	29.6	26.9	23.8	20.4	17.3	14.2
-72.5°	36.7	34.4	31.9	29.5	27.2	24.9	22.5	19.9	17.2	14.4	11.6
-75°	29.9	27.9	25.9	23.9	22.0	20.1	18.3	16.3	13.9	11.5	9.5
-77.5°	23.3	21.7	20.0	18.6	17.3	15.9	14.4	12.6	10.7	9.0	7.4
-80°	17.3	16.3	15.2	14.1	13.0	11.7	10.5	9.3	7.9	6.6	5.3
-82.5°	12.0	11.2	10.4	9.6	8.7	7.8	6.9	6.0	5.0	4.1	3.5
-85°	6.7	6.1	5.6	5.1	4.5	3.9	3.6	3.3	3.0	2.7	2.3
-87.5°	2.6	2.5	2.4	2.2	2.1	1.9	1.8	1.6	1.5	1.3	1.2
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

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REPORT NUMBER: P626615 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA1B-735-U-MR-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	0.7	0.5	0.3	0.2	0.0
85°	2.0	1.7	1.4	1.0	0.7	0.3	0.0
82.5°	3.0	2.5	2.0	1.5	1.0	0.5	0.0
80°	4.1	3.4	2.7	2.0	1.4	0.7	0.0
77.5°	5.9	4.4	3.4	2.5	1.7	0.8	0.0
75°	7.6	5.9	4.1	3.0	2.0	1.0	0.0
72.5°	9.3	7.3	5.3	3.5	2.3	1.2	0.0
70°	11.1	8.7	6.4	4.1	2.7	1.3	0.0
67.5°	13.2	10.1	7.5	4.9	3.0	1.5	0.0
65°	15.4	11.7	8.6	5.7	3.3	1.6	0.0
62.5°	17.4	13.4	9.7	6.5	3.6	1.8	0.0
60°	19.5	15.1	10.7	7.3	3.9	1.9	0.0
57.5°	21.6	16.8	12.1	8.1	4.4	2.1	0.0
55°	23.7	18.4	13.3	8.9	4.9	2.2	0.0
52.5°	25.7	20.0	14.6	9.6	5.4	2.4	0.0
50°	27.6	21.6	15.8	10.3	5.9	2.5	0.0
47.5°	29.5	23.1	17.0	11.0	6.3	2.6	0.0
45°	31.3	24.5	18.1	11.9	6.8	2.8	0.0
42.5°	33.1	25.9	19.2	12.7	7.2	2.9	0.0
40°	34.8	27.2	20.2	13.4	7.6	3.0	0.0
37.5°	36.3	28.5	21.2	14.1	7.9	3.1	0.0
35°	37.8	29.7	22.1	14.8	8.3	3.2	0.0
32.5°	39.3	30.8	23.0	15.4	8.6	3.3	0.0
30°	40.6	31.9	23.8	16.0	8.9	3.4	0.0
27.5°	41.8	32.9	24.5	16.5	9.2	3.5	0.0
25°	42.9	33.8	25.2	16.9	9.5	3.5	0.0
22.5°	43.9	34.7	25.8	17.3	9.7	3.6	0.0
20°	44.7	35.4	26.4	17.7	10.0	3.7	0.0
17.5°	45.5	36.0	26.9	18.0	10.2	3.7	0.0
15°	46.2	36.5	27.3	18.2	10.3	3.8	0.0
12.5°	46.8	36.9	27.7	18.4	10.5	3.8	0.0
10°	47.3	37.2	28.0	18.6	10.6	3.8	0.0
7.5°	47.8	37.4	28.3	18.7	10.7	3.9	0.0
5°	48.1	37.5	28.5	18.7	10.7	3.9	0.0
2.5°	48.2	37.6	28.6	18.7	10.8	3.9	0.0
0°	48.3	37.5	28.6	18.7	10.8	3.9	0.0
-2.5°	48.2	37.6	28.6	18.7	10.8	3.9	0.0
-5°	48.1	37.5	28.5	18.7	10.7	3.9	0.0
-7.5°	47.8	37.4	28.3	18.7	10.7	3.9	0.0
-10°	47.3	37.2	28.0	18.6	10.6	3.8	0.0
-12.5°	46.8	36.9	27.7	18.4	10.5	3.8	0.0
-15°	46.2	36.5	27.3	18.2	10.3	3.8	0.0
-17.5°	45.5	36.0	26.9	18.0	10.2	3.7	0.0
-20°	44.7	35.4	26.4	17.7	10.0	3.7	0.0

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REPORT NUMBER: P626615 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA1B-735-U-MR-XX

CANDELA DISTRIBUTION (continued):

	75°	77.5°	80°	82.5°	85°	87.5°	90°
-22.5°	43.9	34.7	25.8	17.3	9.7	3.6	0.0
-25°	42.9	33.8	25.2	16.9	9.5	3.5	0.0
-27.5°	41.8	32.9	24.5	16.5	9.2	3.5	0.0
-30°	40.6	31.9	23.8	16.0	8.9	3.4	0.0
-32.5°	39.3	30.8	23.0	15.4	8.6	3.3	0.0
-35°	37.8	29.7	22.1	14.8	8.3	3.2	0.0
-37.5°	36.3	28.5	21.2	14.1	7.9	3.1	0.0
-40°	34.8	27.2	20.2	13.4	7.6	3.0	0.0
-42.5°	33.1	25.9	19.2	12.7	7.2	2.9	0.0
-45°	31.3	24.5	18.1	11.9	6.8	2.8	0.0
-47.5°	29.5	23.1	17.0	11.0	6.3	2.6	0.0
-50°	27.6	21.6	15.8	10.3	5.9	2.5	0.0
-52.5°	25.7	20.0	14.6	9.6	5.4	2.4	0.0
-55°	23.7	18.4	13.3	8.9	4.9	2.2	0.0
-57.5°	21.6	16.8	12.1	8.1	4.4	2.1	0.0
-60°	19.5	15.1	10.7	7.3	3.9	1.9	0.0
-62.5°	17.4	13.4	9.7	6.5	3.6	1.8	0.0
-65°	15.4	11.7	8.6	5.7	3.3	1.6	0.0
-67.5°	13.2	10.1	7.5	4.9	3.0	1.5	0.0
-70°	11.1	8.7	6.4	4.1	2.7	1.3	0.0
-72.5°	9.3	7.3	5.3	3.5	2.3	1.2	0.0
-75°	7.6	5.9	4.1	3.0	2.0	1.0	0.0
-77.5°	5.9	4.4	3.4	2.5	1.7	0.8	0.0
-80°	4.1	3.4	2.7	2.0	1.4	0.7	0.0
-82.5°	3.0	2.5	2.0	1.5	1.0	0.5	0.0
-85°	2.0	1.7	1.4	1.0	0.7	0.3	0.0
-87.5°	1.0	0.8	0.7	0.5	0.3	0.2	0.0
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0

(END OF REPORT)