

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: P626715 (CONVERTED FROM TYPE C PHOTOMETRY)

Luminaire Tested: **GFLD-SA1D-727-U-MR-XX**

Issue Date: 12/7/2022

Test Information

Test Method: LM-79-08
Report Number: P626715 (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-SA1D-727-U-MR-XX
Description: GALLEON FLOOD, ONE LIGHT SQAURE, MEDIUM SYMMETRICAL ROUND N12
Light Source: (16) 2700K CCT, 70 CRI LEDS
Ballast/Driver: -

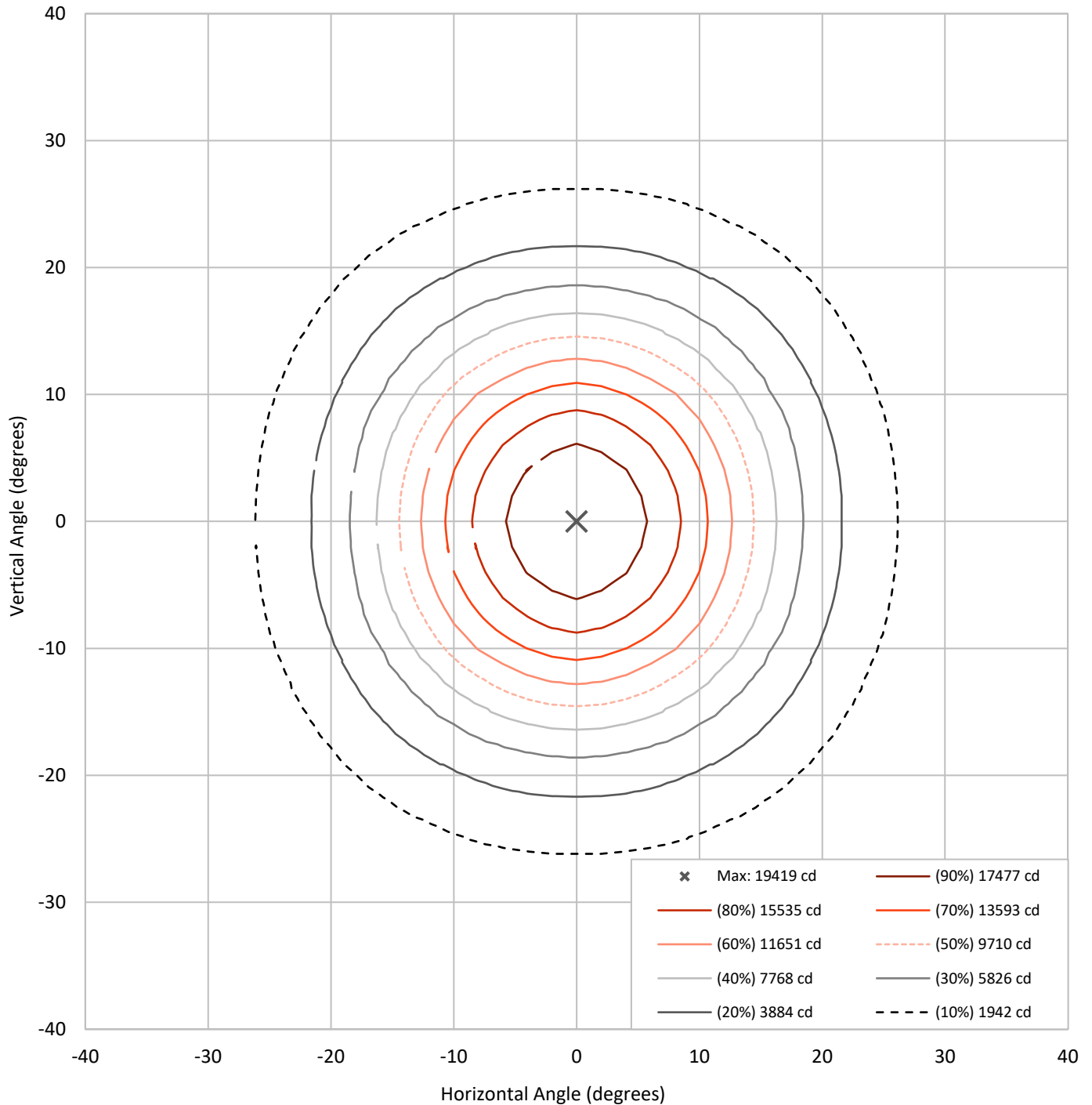
Summary

Lumens per Lamp:	N/A	NEMA Type:	4H x 4V
Luminaire Lumens:	6067.2 lumens	Max Intensity:	19419 candela
Efficiency:	N/A	Max Intensity Angle:	0°H x 0°V
Efficacy:	105.9 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:	2949.8 lumens	Field Lumens:	4978 lumens
Beam Efficiency:	48.6%	Field Efficiency:	82.0%
Input Watts (W):	57.3		
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





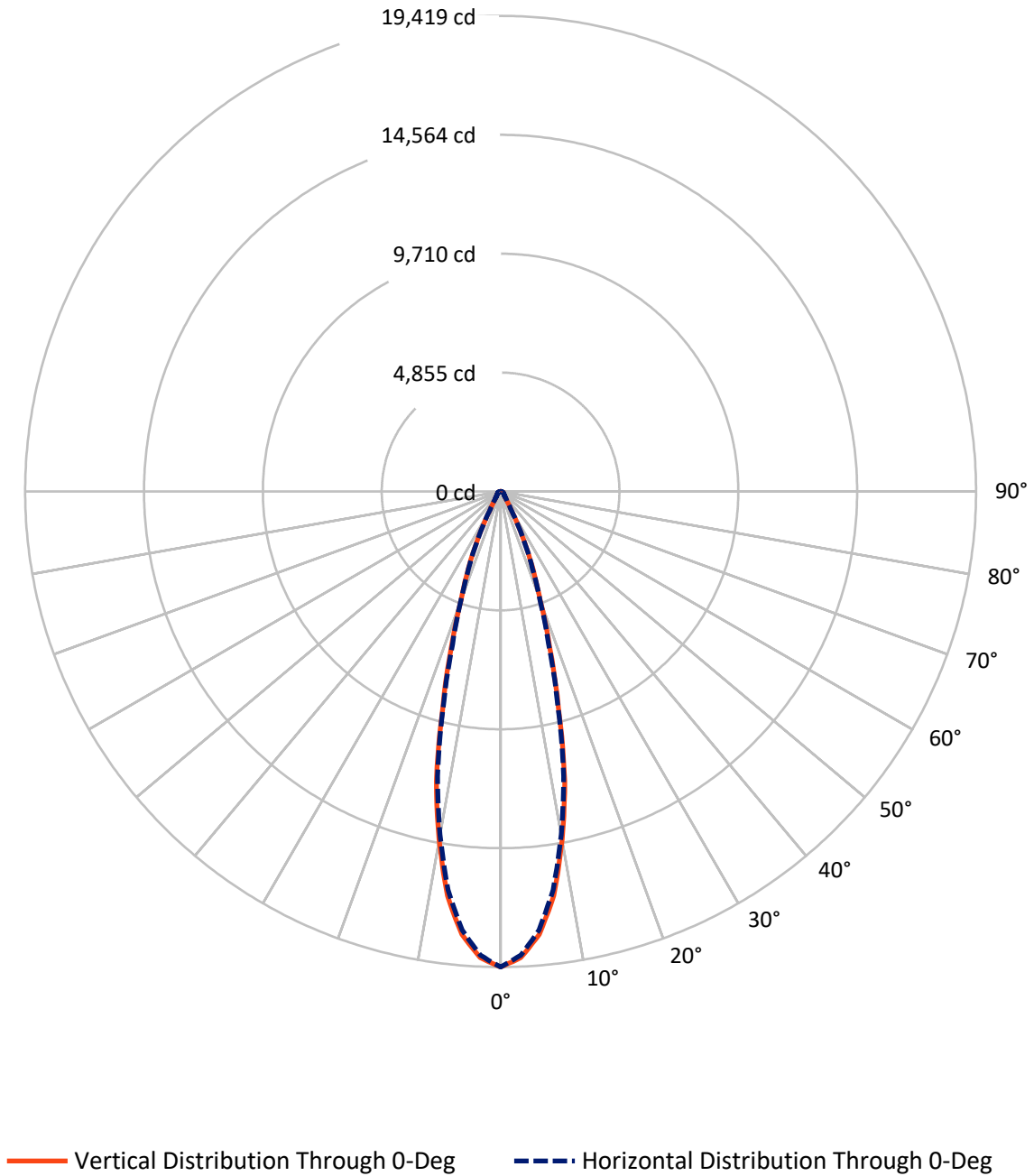
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Lumen Table

90	0.1	1.0	2.6	4.2	4.6	4.2	2.6	1.0	0.1										
80	0.1	1.0	2.6	4.2	4.6	4.2	2.6	1.0	0.1										
70	0.5	0.5	1.1	1.7	2.4	2.9	3.3	3.4	3.4	3.3	2.9	2.4	1.7	1.1	0.5	0.5			
60		0.8	1.6	2.5	3.4	4.2	4.7	4.9	4.9	4.7	4.2	3.4	2.5	1.6	0.8				
50	0.8	1.0	2.0	3.1	4.2	5.3	6.2	6.6	6.6	6.2	5.3	4.2	3.1	2.0	1.0	0.8			
40		1.2	2.4	3.6	5.1	7.3	10.5	13.7	13.7	10.5	7.3	5.1	3.6	2.4	1.2				
30	1.0	1.3	2.6	4.1	6.5	14.2	39.9	70.8	70.8	39.9	14.2	6.5	4.1	2.6	1.3	1.0			
20		1.4	2.7	4.4	8.9	37.2	132.7	254.3	254.3	132.7	37.2	8.9	4.4	2.7	1.4				
10	1.1	1.5	2.8	4.6	11.3	64.3	245.7	483.2	483.2	245.7	64.3	11.3	4.6	2.8	1.5	1.1			
0		1.5	2.8	4.6	11.3	64.3	245.7	483.2	483.2	245.7	64.3	11.3	4.6	2.8	1.5				
-10	1.0	1.4	2.7	4.4	8.9	37.2	132.7	254.3	254.3	132.7	37.2	8.9	4.4	2.7	1.4	1.0			
-20		1.3	2.6	4.1	6.5	14.2	39.9	70.8	70.8	39.9	14.2	6.5	4.1	2.6	1.3				
-30	0.8	1.2	2.4	3.6	5.1	7.3	10.5	13.7	13.7	10.5	7.3	5.1	3.6	2.4	1.2	0.8			
-40		1.0	2.0	3.1	4.2	5.3	6.2	6.6	6.6	6.2	5.3	4.2	3.1	2.0	1.0				
-50	0.5	0.8	1.6	2.5	3.4	4.2	4.7	4.9	4.9	4.7	4.2	3.4	2.5	1.6	0.8	0.5			
-60		0.5	1.1	1.7	2.4	2.9	3.3	3.4	3.4	3.3	2.9	2.4	1.7	1.1	0.5				
-70	0.1	1.0	2.6	4.2	4.6	4.2	2.6	1.0	0.1										
-80		0.1	1.0	2.6	4.2	4.6	4.2	2.6	1.0	0.1									
-90	0.1	1.0	2.6	4.2	4.6	4.2	2.6	1.0	0.1										
	-90	-80	-70	-60	-50	-40	-30	-20	-10	0	10	20	30	40	50	60	70	80	90

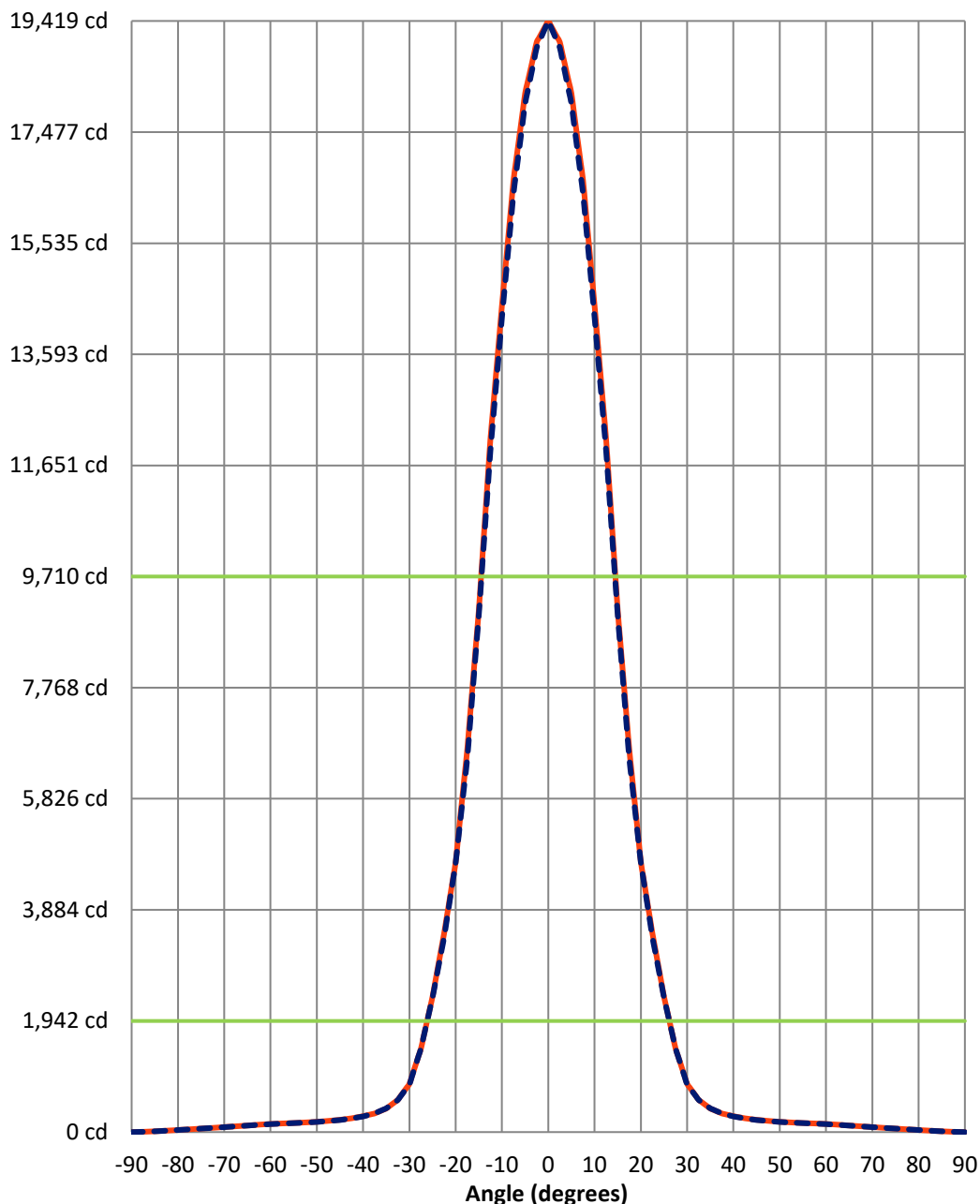
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Luminous Intensity Polar Plot



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Luminous Intensity Plot



Beam:
 H Angle: 28.8°
 V Angle: 29°
 Lumens: 2949.8
 Efficiency: 48.6%

Field:
 H Angle: 52.3°
 V Angle: 52.3°
 Lumens: 4978
 Efficiency: 82.0%

Spill:
 Lumens: 1089.1
 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	0.4	0.7	0.9	1.1	1.3	1.5	1.7	1.9	2.1
85°	0.0	0.4	0.9	1.3	1.7	2.2	2.6	3.0	3.4	3.8	4.2
82.5°	0.0	0.7	1.3	2.0	2.6	3.2	3.9	4.5	5.2	6.4	7.6
80°	0.0	0.9	1.7	2.6	3.5	4.3	5.3	6.8	8.4	10.0	11.8
77.5°	0.0	1.1	2.2	3.2	4.3	5.6	7.5	9.4	11.5	13.7	16.0
75°	0.0	1.3	2.6	3.9	5.3	7.5	9.7	12.0	14.6	17.7	20.6
72.5°	0.0	1.5	3.0	4.5	6.7	9.3	11.8	14.8	18.3	21.8	25.2
70°	0.0	1.7	3.4	5.2	8.1	11.1	14.1	17.9	21.9	25.8	30.1
67.5°	0.0	1.9	3.8	6.3	9.6	12.8	16.8	21.1	25.5	30.3	35.0
65°	0.0	2.1	4.2	7.3	10.9	14.8	19.4	24.1	29.4	34.6	39.9
62.5°	0.0	2.3	4.6	8.3	12.3	17.0	22.0	27.4	33.2	39.0	45.0
60°	0.0	2.5	5.0	9.3	13.6	19.1	24.6	30.7	36.9	43.4	50.0
57.5°	0.0	2.7	5.6	10.3	15.3	21.2	27.3	33.9	40.7	47.7	54.9
55°	0.0	2.9	6.3	11.2	16.9	23.2	29.9	37.0	44.3	51.8	59.8
52.5°	0.0	3.0	6.9	12.2	18.5	25.2	32.5	40.0	47.7	56.0	64.4
50°	0.0	3.2	7.5	13.0	20.0	27.2	34.9	42.9	51.1	60.1	68.7
47.5°	0.0	3.4	8.0	14.0	21.5	29.2	37.3	45.8	54.6	64.0	72.8
45°	0.0	3.5	8.6	15.0	22.9	31.0	39.6	48.5	58.0	67.5	76.7
42.5°	0.0	3.7	9.1	16.0	24.3	32.7	41.8	51.2	61.2	70.7	80.2
40°	0.0	3.8	9.6	17.0	25.6	34.4	43.9	53.8	64.1	73.7	83.6
37.5°	0.0	4.0	10.1	17.9	26.8	35.9	45.9	56.2	66.7	76.7	86.8
35°	0.0	4.1	10.5	18.7	28.0	37.5	47.8	58.5	69.1	79.4	89.8
32.5°	0.0	4.2	11.0	19.5	29.0	38.9	49.6	60.6	71.4	82.0	92.7
30°	0.0	4.3	11.4	20.2	30.1	40.3	51.3	62.6	73.5	84.4	95.4
27.5°	0.0	4.4	11.7	20.8	31.0	41.6	52.8	64.3	75.4	86.7	97.9
25°	0.0	4.5	12.1	21.4	31.8	42.7	54.2	65.8	77.2	88.7	100.2
22.5°	0.0	4.6	12.4	21.9	32.6	43.8	55.4	67.2	78.8	90.5	102.4
20°	0.0	4.7	12.6	22.4	33.3	44.7	56.5	68.4	80.3	92.1	104.4
17.5°	0.0	4.8	12.9	22.8	33.9	45.4	57.5	69.5	81.5	93.6	106.2
15°	0.0	4.8	13.1	23.1	34.5	46.1	58.4	70.5	82.6	94.7	107.7
12.5°	0.0	4.9	13.3	23.3	35.0	46.6	59.2	71.4	83.5	95.7	108.9
10°	0.0	4.9	13.4	23.5	35.4	47.0	59.9	72.1	84.4	96.9	110.1
7.5°	0.0	5.0	13.6	23.7	35.7	47.3	60.4	72.7	85.1	97.9	111.3
5°	0.0	5.0	13.6	23.7	35.9	47.4	60.8	73.2	85.6	98.7	112.3
2.5°	0.0	5.0	13.7	23.8	36.1	47.5	61.0	73.4	85.9	99.3	113.0
0°	0.0	5.0	13.7	23.7	36.1	47.4	61.1	73.5	86.0	99.7	113.4
-2.5°	0.0	5.0	13.7	23.8	36.1	47.5	61.0	73.4	85.9	99.3	113.0
-5°	0.0	5.0	13.6	23.7	35.9	47.4	60.8	73.2	85.6	98.7	112.3
-7.5°	0.0	5.0	13.6	23.7	35.7	47.3	60.4	72.7	85.1	97.9	111.3
-10°	0.0	4.9	13.4	23.5	35.4	47.0	59.9	72.1	84.4	96.9	110.1
-12.5°	0.0	4.9	13.3	23.3	35.0	46.6	59.2	71.4	83.5	95.7	108.9
-15°	0.0	4.8	13.1	23.1	34.5	46.1	58.4	70.5	82.6	94.7	107.7
-17.5°	0.0	4.8	12.9	22.8	33.9	45.4	57.5	69.5	81.5	93.6	106.2
-20°	0.0	4.7	12.6	22.4	33.3	44.7	56.5	68.4	80.3	92.1	104.4

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CANDELA DISTRIBUTION (continued):

	-90°	-87.5°	-85°	-82.5°	-80°	-77.5°	-75°	-72.5°	-70°	-67.5°	-65°
-22.5°	0.0	4.6	12.4	21.9	32.6	43.8	55.4	67.2	78.8	90.5	102.4
-25°	0.0	4.5	12.1	21.4	31.8	42.7	54.2	65.8	77.2	88.7	100.2
-27.5°	0.0	4.4	11.7	20.8	31.0	41.6	52.8	64.3	75.4	86.7	97.9
-30°	0.0	4.3	11.4	20.2	30.1	40.3	51.3	62.6	73.5	84.4	95.4
-32.5°	0.0	4.2	11.0	19.5	29.0	38.9	49.6	60.6	71.4	82.0	92.7
-35°	0.0	4.1	10.5	18.7	28.0	37.5	47.8	58.5	69.1	79.4	89.8
-37.5°	0.0	4.0	10.1	17.9	26.8	35.9	45.9	56.2	66.7	76.7	86.8
-40°	0.0	3.8	9.6	17.0	25.6	34.4	43.9	53.8	64.1	73.7	83.6
-42.5°	0.0	3.7	9.1	16.0	24.3	32.7	41.8	51.2	61.2	70.7	80.2
-45°	0.0	3.5	8.6	15.0	22.9	31.0	39.6	48.5	58.0	67.5	76.7
-47.5°	0.0	3.4	8.0	14.0	21.5	29.2	37.3	45.8	54.6	64.0	72.8
-50°	0.0	3.2	7.5	13.0	20.0	27.2	34.9	42.9	51.1	60.1	68.7
-52.5°	0.0	3.0	6.9	12.2	18.5	25.2	32.5	40.0	47.7	56.0	64.4
-55°	0.0	2.9	6.3	11.2	16.9	23.2	29.9	37.0	44.3	51.8	59.8
-57.5°	0.0	2.7	5.6	10.3	15.3	21.2	27.3	33.9	40.7	47.7	54.9
-60°	0.0	2.5	5.0	9.3	13.6	19.1	24.6	30.7	36.9	43.4	50.0
-62.5°	0.0	2.3	4.6	8.3	12.3	17.0	22.0	27.4	33.2	39.0	45.0
-65°	0.0	2.1	4.2	7.3	10.9	14.8	19.4	24.1	29.4	34.6	39.9
-67.5°	0.0	1.9	3.8	6.3	9.6	12.8	16.8	21.1	25.5	30.3	35.0
-70°	0.0	1.7	3.4	5.2	8.1	11.1	14.1	17.9	21.9	25.8	30.1
-72.5°	0.0	1.5	3.0	4.5	6.7	9.3	11.8	14.8	18.3	21.8	25.2
-75°	0.0	1.3	2.6	3.9	5.3	7.5	9.7	12.0	14.6	17.7	20.6
-77.5°	0.0	1.1	2.2	3.2	4.3	5.6	7.5	9.4	11.5	13.7	16.0
-80°	0.0	0.9	1.7	2.6	3.5	4.3	5.3	6.8	8.4	10.0	11.8
-82.5°	0.0	0.7	1.3	2.0	2.6	3.2	3.9	4.5	5.2	6.4	7.6
-85°	0.0	0.4	0.9	1.3	1.7	2.2	2.6	3.0	3.4	3.8	4.2
-87.5°	0.0	0.2	0.4	0.7	0.9	1.1	1.3	1.5	1.7	1.9	2.1
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



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CANDELA DISTRIBUTION (continued):

	-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°	2.3	2.5	2.7	2.9	3.0	3.2	3.4	3.5	3.7	3.8	4.0
85°	4.6	5.0	5.7	6.5	7.2	7.8	8.5	9.1	9.7	10.3	10.9
82.5°	8.8	10.0	11.1	12.2	13.2	14.3	15.2	16.2	17.1	17.9	18.7
80°	13.4	14.9	16.5	17.9	19.2	20.6	21.9	23.1	24.3	25.6	27.0
77.5°	18.2	20.2	21.9	23.5	25.3	27.4	29.4	31.4	33.3	35.1	36.8
75°	23.2	25.4	27.8	30.2	32.7	35.3	37.8	40.2	42.5	44.9	47.2
72.5°	28.4	31.4	34.3	37.2	40.4	43.5	46.3	48.9	51.9	55.1	58.0
70°	33.9	37.4	41.1	44.8	48.4	51.8	55.4	58.9	62.5	65.9	69.3
67.5°	39.5	43.9	48.2	52.4	56.4	60.5	64.7	69.0	73.1	77.1	80.9
65°	45.5	50.4	55.2	59.8	64.3	69.4	74.3	79.1	84.3	89.2	93.4
62.5°	51.3	56.8	62.0	67.3	72.8	78.4	84.1	90.1	96.3	100.8	104.6
60°	56.9	63.0	68.9	75.0	81.1	87.4	93.9	100.3	106.0	110.9	115.0
57.5°	62.3	69.2	75.7	82.3	89.0	96.1	103.3	109.9	115.2	119.9	124.4
55°	67.5	75.2	82.1	89.1	96.7	105.1	112.5	118.4	123.9	127.8	132.1
52.5°	72.5	80.7	88.0	95.8	104.5	113.2	120.6	126.3	130.9	135.0	139.1
50°	77.3	85.6	93.6	102.5	111.7	120.4	127.9	133.2	137.8	142.0	146.0
47.5°	81.6	90.2	99.3	108.9	118.5	127.1	134.3	139.7	144.3	148.7	153.1
45°	85.7	95.0	104.7	115.1	124.9	133.5	140.0	145.7	150.3	155.2	160.7
42.5°	89.6	99.5	110.1	121.1	131.2	139.0	145.3	150.9	156.1	162.0	168.1
40°	93.5	103.8	115.2	126.8	137.1	143.8	150.2	156.1	162.1	168.7	175.5
37.5°	97.1	108.1	119.9	132.1	141.4	148.4	155.0	161.5	168.3	175.5	183.8
35°	100.4	112.1	124.5	136.3	145.1	152.8	159.9	167.0	174.6	183.3	192.5
32.5°	103.6	115.8	128.7	139.8	148.6	156.8	164.6	172.6	181.3	190.9	201.4
30°	106.8	119.3	132.5	143.3	151.7	160.1	169.2	178.1	187.8	198.5	210.8
27.5°	109.8	122.6	135.6	146.2	154.4	163.0	172.7	183.6	194.2	205.8	220.1
25°	112.6	126.0	138.6	148.4	156.8	165.7	175.9	187.5	199.9	213.8	231.3
22.5°	115.3	129.0	141.5	150.3	158.7	168.1	179.1	191.3	204.8	220.9	242.3
20°	117.7	131.4	143.5	152.1	160.3	170.0	181.8	194.6	210.1	229.6	255.2
17.5°	119.9	133.4	144.8	153.5	162.0	172.0	184.1	197.5	214.8	237.3	267.6
15°	121.7	135.1	146.0	154.6	163.5	174.0	186.5	201.1	220.1	244.9	278.3
12.5°	123.3	136.4	147.0	155.4	164.6	175.5	188.5	204.5	225.3	253.1	292.7
10°	124.4	137.3	147.8	155.9	165.3	176.5	190.1	207.2	229.6	259.9	305.1
7.5°	125.6	138.2	148.3	156.2	165.8	177.0	191.2	209.2	232.7	265.1	314.9
5°	126.5	139.0	148.6	156.6	166.1	177.2	192.0	210.3	234.6	268.4	321.8
2.5°	126.9	139.4	148.6	157.0	166.1	177.3	192.9	210.9	236.8	271.3	325.8
0°	127.1	139.6	148.3	157.1	165.8	177.0	193.2	210.7	238.1	273.0	326.6
-2.5°	126.9	139.4	148.6	157.0	166.1	177.3	192.9	210.9	236.8	271.3	325.8
-5°	126.5	139.0	148.6	156.6	166.1	177.2	192.0	210.3	234.6	268.4	321.8
-7.5°	125.6	138.2	148.3	156.2	165.8	177.0	191.2	209.2	232.7	265.1	314.9
-10°	124.4	137.3	147.8	155.9	165.3	176.5	190.1	207.2	229.6	259.9	305.1
-12.5°	123.3	136.4	147.0	155.4	164.6	175.5	188.5	204.5	225.3	253.1	292.7
-15°	121.7	135.1	146.0	154.6	163.5	174.0	186.5	201.1	220.1	244.9	278.3
-17.5°	119.9	133.4	144.8	153.5	162.0	172.0	184.1	197.5	214.8	237.3	267.6
-20°	117.7	131.4	143.5	152.1	160.3	170.0	181.8	194.6	210.1	229.6	255.2

Classified

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

Scaled Data Report



REPORT NUMBER: P626715 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA1D-727-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°	115.3	129.0	141.5	150.3	158.7	168.1	179.1	191.3	204.8	220.9	242.3
-25°	112.6	126.0	138.6	148.4	156.8	165.7	175.9	187.5	199.9	213.8	231.3
-27.5°	109.8	122.6	135.6	146.2	154.4	163.0	172.7	183.6	194.2	205.8	220.1
-30°	106.8	119.3	132.5	143.3	151.7	160.1	169.2	178.1	187.8	198.5	210.8
-32.5°	103.6	115.8	128.7	139.8	148.6	156.8	164.6	172.6	181.3	190.9	201.4
-35°	100.4	112.1	124.5	136.3	145.1	152.8	159.9	167.0	174.6	183.3	192.5
-37.5°	97.1	108.1	119.9	132.1	141.4	148.4	155.0	161.5	168.3	175.5	183.8
-40°	93.5	103.8	115.2	126.8	137.1	143.8	150.2	156.1	162.1	168.7	175.5
-42.5°	89.6	99.5	110.1	121.1	131.2	139.0	145.3	150.9	156.1	162.0	168.1
-45°	85.7	95.0	104.7	115.1	124.9	133.5	140.0	145.7	150.3	155.2	160.7
-47.5°	81.6	90.2	99.3	108.9	118.5	127.1	134.3	139.7	144.3	148.7	153.1
-50°	77.3	85.6	93.6	102.5	111.7	120.4	127.9	133.2	137.8	142.0	146.0
-52.5°	72.5	80.7	88.0	95.8	104.5	113.2	120.6	126.3	130.9	135.0	139.1
-55°	67.5	75.2	82.1	89.1	96.7	105.1	112.5	118.4	123.9	127.8	132.1
-57.5°	62.3	69.2	75.7	82.3	89.0	96.1	103.3	109.9	115.2	119.9	124.4
-60°	56.9	63.0	68.9	75.0	81.1	87.4	93.9	100.3	106.0	110.9	115.0
-62.5°	51.3	56.8	62.0	67.3	72.8	78.4	84.1	90.1	96.3	100.8	104.6
-65°	45.5	50.4	55.2	59.8	64.3	69.4	74.3	79.1	84.3	89.2	93.4
-67.5°	39.5	43.9	48.2	52.4	56.4	60.5	64.7	69.0	73.1	77.1	80.9
-70°	33.9	37.4	41.1	44.8	48.4	51.8	55.4	58.9	62.5	65.9	69.3
-72.5°	28.4	31.4	34.3	37.2	40.4	43.5	46.3	48.9	51.9	55.1	58.0
-75°	23.2	25.4	27.8	30.2	32.7	35.3	37.8	40.2	42.5	44.9	47.2
-77.5°	18.2	20.2	21.9	23.5	25.3	27.4	29.4	31.4	33.3	35.1	36.8
-80°	13.4	14.9	16.5	17.9	19.2	20.6	21.9	23.1	24.3	25.6	27.0
-82.5°	8.8	10.0	11.1	12.2	13.2	14.3	15.2	16.2	17.1	17.9	18.7
-85°	4.6	5.0	5.7	6.5	7.2	7.8	8.5	9.1	9.7	10.3	10.9
-87.5°	2.3	2.5	2.7	2.9	3.0	3.2	3.4	3.5	3.7	3.8	4.0
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



REPORT NUMBER: P626715 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA1D-727-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°	4.1	4.2	4.3	4.4	4.5	4.6	4.7	4.8	4.8	4.9	4.9
85°	11.4	11.9	12.3	12.7	13.1	13.2	13.2	13.2	13.1	13.3	13.4
82.5°	19.5	20.4	21.3	22.2	23.0	23.3	23.5	23.7	23.8	24.1	24.4
80°	28.3	29.7	31.0	32.1	33.1	33.9	34.5	35.1	35.7	35.9	36.0
77.5°	38.6	40.2	41.8	43.3	44.6	45.7	46.5	47.2	47.8	48.1	48.3
75°	49.6	51.7	53.6	55.3	56.9	58.1	58.9	59.4	59.8	60.2	60.6
72.5°	60.7	63.1	65.4	67.5	69.3	70.6	71.5	72.3	72.8	73.2	73.4
70°	72.4	75.3	77.8	79.9	81.5	82.8	83.8	84.6	85.2	85.6	85.8
67.5°	84.5	87.6	89.9	91.8	93.3	94.6	95.8	96.7	97.4	98.0	98.6
65°	96.9	100.0	102.4	104.4	105.9	107.7	109.2	110.4	111.2	111.9	112.6
62.5°	108.5	112.1	114.8	117.4	120.0	122.4	123.8	125.0	125.7	126.4	127.2
60°	119.1	123.1	126.5	129.6	132.8	136.0	137.3	138.3	139.3	140.2	141.0
57.5°	128.4	132.7	136.8	139.9	142.9	145.9	148.0	149.1	149.8	150.2	150.6
55°	136.6	140.8	144.9	148.5	151.8	154.9	157.2	158.2	159.0	159.6	159.9
52.5°	143.8	148.4	152.8	156.8	160.3	163.6	166.4	168.0	169.2	170.1	170.4
50°	151.0	156.0	160.7	164.9	169.1	173.0	176.6	178.7	180.2	181.1	181.4
47.5°	158.5	163.9	169.0	173.9	178.6	183.3	187.6	190.5	192.6	194.2	195.3
45°	166.3	172.1	177.8	183.6	189.0	195.0	200.5	204.7	207.7	210.4	212.6
42.5°	174.2	180.7	187.2	194.6	202.0	208.9	215.4	220.9	226.0	230.9	234.8
40°	182.8	189.8	198.7	207.5	216.6	224.6	234.1	242.6	250.4	258.8	265.7
37.5°	192.1	201.2	211.7	222.3	234.1	245.6	258.8	271.9	283.2	297.9	309.7
35°	202.2	213.8	226.2	240.4	255.6	273.6	292.1	313.9	332.4	355.7	377.3
32.5°	213.5	227.2	243.3	262.7	283.3	312.2	339.3	376.2	407.7	448.3	492.7
30°	225.0	242.7	264.6	289.6	324.5	365.5	413.4	475.7	543.0	612.7	706.6
27.5°	238.7	261.6	288.9	327.6	379.8	436.6	534.1	639.4	786.1	902.3	1109.1
25°	253.4	281.7	322.0	378.2	450.3	565.3	729.9	920.5	1214.1	1475.2	1775.3
22.5°	270.8	309.2	362.7	436.3	561.9	759.7	1016.7	1408.1	1843.3	2272.8	2665.3
20°	289.2	335.7	410.4	530.2	724.3	1010.4	1468.9	2028.3	2606.0	3194.6	3690.6
17.5°	310.8	373.8	472.3	631.4	908.3	1398.2	2010.6	2721.8	3476.6	4227.7	4880.1
15°	329.3	407.2	539.7	778.0	1191.0	1803.8	2556.4	3454.7	4403.9	5378.6	6435.0
12.5°	352.9	447.3	609.2	899.3	1441.8	2238.3	3159.2	4202.1	5361.1	6655.4	8302.4
10°	374.5	489.5	700.7	1093.6	1743.3	2644.2	3679.9	4863.1	6366.5	8311.4	10298.0
7.5°	391.8	522.9	771.7	1245.2	1996.2	2991.0	4148.7	5567.4	7442.9	9758.9	12028.7
5°	403.9	546.1	822.4	1359.8	2199.6	3256.0	4481.4	6086.5	8350.2	10943.7	13261.4
2.5°	411.5	558.8	847.3	1427.8	2332.3	3415.4	4689.0	6416.5	8906.3	11697.9	14044.5
0°	415.1	560.9	831.4	1460.9	2350.9	3404.2	4708.0	6526.6	9038.3	11902.7	14239.9
-2.5°	411.5	558.8	847.3	1427.8	2332.3	3415.4	4689.0	6416.5	8906.3	11697.9	14044.5
-5°	403.9	546.1	822.4	1359.8	2199.6	3256.0	4481.4	6086.5	8350.2	10943.7	13261.4
-7.5°	391.8	522.9	771.7	1245.2	1996.2	2991.0	4148.7	5567.4	7442.9	9758.9	12028.7
-10°	374.5	489.5	700.7	1093.6	1743.3	2644.2	3679.9	4863.1	6366.5	8311.4	10298.0
-12.5°	352.9	447.3	609.2	899.3	1441.8	2238.3	3159.2	4202.1	5361.1	6655.4	8302.4
-15°	329.3	407.2	539.7	778.0	1191.0	1803.8	2556.4	3454.7	4403.9	5378.6	6435.0
-17.5°	310.8	373.8	472.3	631.4	908.3	1398.2	2010.6	2721.8	3476.6	4227.7	4880.1
-20°	289.2	335.7	410.4	530.2	724.3	1010.4	1468.9	2028.3	2606.0	3194.6	3690.6

Classified

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

Scaled Data Report



REPORT NUMBER: P626715 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA1D-727-U-MR-XX

CANDELA DISTRIBUTION (continued):

	-35°	-32.5°	-30°	-27.5°	-25°	-22.5°	-20°	-17.5°	-15°	-12.5°	-10°
-22.5°	270.8	309.2	362.7	436.3	561.9	759.7	1016.7	1408.1	1843.3	2272.8	2665.3
-25°	253.4	281.7	322.0	378.2	450.3	565.3	729.9	920.5	1214.1	1475.2	1775.3
-27.5°	238.7	261.6	288.9	327.6	379.8	436.6	534.1	639.4	786.1	902.3	1109.1
-30°	225.0	242.7	264.6	289.6	324.5	365.5	413.4	475.7	543.0	612.7	706.6
-32.5°	213.5	227.2	243.3	262.7	283.3	312.2	339.3	376.2	407.7	448.3	492.7
-35°	202.2	213.8	226.2	240.4	255.6	273.6	292.1	313.9	332.4	355.7	377.3
-37.5°	192.1	201.2	211.7	222.3	234.1	245.6	258.8	271.9	283.2	297.9	309.7
-40°	182.8	189.8	198.7	207.5	216.6	224.6	234.1	242.6	250.4	258.8	265.7
-42.5°	174.2	180.7	187.2	194.6	202.0	208.9	215.4	220.9	226.0	230.9	234.8
-45°	166.3	172.1	177.8	183.6	189.0	195.0	200.5	204.7	207.7	210.4	212.6
-47.5°	158.5	163.9	169.0	173.9	178.6	183.3	187.6	190.5	192.6	194.2	195.3
-50°	151.0	156.0	160.7	164.9	169.1	173.0	176.6	178.7	180.2	181.1	181.4
-52.5°	143.8	148.4	152.8	156.8	160.3	163.6	166.4	168.0	169.2	170.1	170.4
-55°	136.6	140.8	144.9	148.5	151.8	154.9	157.2	158.2	159.0	159.6	159.9
-57.5°	128.4	132.7	136.8	139.9	142.9	145.9	148.0	149.1	149.8	150.2	150.6
-60°	119.1	123.1	126.5	129.6	132.8	136.0	137.3	138.3	139.3	140.2	141.0
-62.5°	108.5	112.1	114.8	117.4	120.0	122.4	123.8	125.0	125.7	126.4	127.2
-65°	96.9	100.0	102.4	104.4	105.9	107.7	109.2	110.4	111.2	111.9	112.6
-67.5°	84.5	87.6	89.9	91.8	93.3	94.6	95.8	96.7	97.4	98.0	98.6
-70°	72.4	75.3	77.8	79.9	81.5	82.8	83.8	84.6	85.2	85.6	85.8
-72.5°	60.7	63.1	65.4	67.5	69.3	70.6	71.5	72.3	72.8	73.2	73.4
-75°	49.6	51.7	53.6	55.3	56.9	58.1	58.9	59.4	59.8	60.2	60.6
-77.5°	38.6	40.2	41.8	43.3	44.6	45.7	46.5	47.2	47.8	48.1	48.3
-80°	28.3	29.7	31.0	32.1	33.1	33.9	34.5	35.1	35.7	35.9	36.0
-82.5°	19.5	20.4	21.3	22.2	23.0	23.3	23.5	23.7	23.8	24.1	24.4
-85°	11.4	11.9	12.3	12.7	13.1	13.2	13.2	13.2	13.1	13.3	13.4
-87.5°	4.1	4.2	4.3	4.4	4.5	4.6	4.7	4.8	4.8	4.9	4.9
-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: P626715 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA1D-727-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°	5.0	5.0	5.0	5.0	5.0	5.0	5.0	4.9	4.9	4.8	4.8
85°	13.6	13.6	13.7	13.7	13.7	13.6	13.6	13.4	13.3	13.1	13.2
82.5°	24.6	24.8	24.9	24.9	24.9	24.8	24.6	24.4	24.1	23.8	23.7
80°	36.0	35.9	36.1	36.1	36.1	35.9	36.0	36.0	35.9	35.7	35.1
77.5°	48.4	48.4	48.5	48.6	48.5	48.4	48.4	48.3	48.1	47.8	47.2
75°	60.8	60.8	61.0	61.1	61.0	60.8	60.8	60.6	60.2	59.8	59.4
72.5°	73.4	73.2	73.4	73.5	73.4	73.2	73.4	73.4	73.2	72.8	72.3
70°	85.9	85.7	86.5	87.3	86.5	85.7	85.9	85.8	85.6	85.2	84.6
67.5°	99.0	99.3	100.2	101.0	100.2	99.3	99.0	98.6	98.0	97.4	96.7
65°	112.9	113.0	113.8	114.7	113.8	113.0	112.9	112.6	111.9	111.2	110.4
62.5°	127.7	127.9	128.8	129.6	128.8	127.9	127.7	127.2	126.4	125.7	125.0
60°	141.5	141.6	141.9	142.1	141.9	141.6	141.5	141.0	140.2	139.3	138.3
57.5°	150.7	150.5	150.7	150.8	150.7	150.5	150.7	150.6	150.2	149.8	149.1
55°	159.9	159.5	159.0	158.3	159.0	159.5	159.9	159.9	159.6	159.0	158.2
52.5°	170.1	169.5	168.9	168.3	168.9	169.5	170.1	170.4	170.1	169.2	168.0
50°	181.2	180.6	180.1	179.5	180.1	180.6	181.2	181.4	181.1	180.2	178.7
47.5°	196.1	196.3	196.2	195.7	196.2	196.3	196.1	195.3	194.2	192.6	190.5
45°	214.1	214.8	214.8	214.4	214.8	214.8	214.1	212.6	210.4	207.7	204.7
42.5°	237.5	239.1	240.0	240.6	240.0	239.1	237.5	234.8	230.9	226.0	220.9
40°	270.8	274.0	276.0	278.0	276.0	274.0	270.8	265.7	258.8	250.4	242.6
37.5°	318.5	324.3	327.0	325.3	327.0	324.3	318.5	309.7	297.9	283.2	271.9
35°	394.0	405.1	410.8	411.3	410.8	405.1	394.0	377.3	355.7	332.4	313.9
32.5°	525.5	548.2	560.4	562.2	560.4	548.2	525.5	492.7	448.3	407.7	376.2
30°	778.4	824.8	846.6	841.4	846.6	824.8	778.4	706.6	612.7	543.0	475.7
27.5°	1269.9	1385.6	1454.2	1459.6	1454.2	1385.6	1269.9	1109.1	902.3	786.1	639.4
25°	2041.1	2238.6	2365.0	2367.1	2365.0	2238.6	2041.1	1775.3	1475.2	1214.1	920.5
22.5°	3028.4	3298.0	3445.7	3471.5	3445.7	3298.0	3028.4	2665.3	2272.8	1843.3	1408.1
20°	4172.2	4530.9	4722.8	4722.9	4722.8	4530.9	4172.2	3690.6	3194.6	2606.0	2028.3
17.5°	5580.9	6163.2	6528.8	6686.2	6528.8	6163.2	5580.9	4880.1	4227.7	3476.6	2721.8
15°	7452.3	8430.9	9017.3	9123.0	9017.3	8430.9	7452.3	6435.0	5378.6	4403.9	3454.7
12.5°	9731.0	10969.5	11802.0	12107.1	11802.0	10969.5	9731.0	8302.4	6655.4	5361.1	4202.1
10°	12110.1	13257.7	14149.6	14449.3	14149.6	13257.7	12110.1	10298.0	8311.4	6366.5	4863.1
7.5°	13828.9	15197.2	16202.0	16643.1	16202.0	15197.2	13828.9	12028.7	9758.9	7442.9	5567.4
5°	15185.7	16804.8	17740.0	18155.1	17740.0	16804.8	15185.7	13261.4	10943.7	8350.2	6086.5
2.5°	16075.9	17675.8	18666.1	19048.8	18666.1	17675.8	16075.9	14044.5	11697.9	8906.3	6416.5
0°	16408.8	17973.1	18951.6	19419.0	18951.6	17973.1	16408.8	14239.9	11902.7	9038.3	6526.6
-2.5°	16075.9	17675.8	18666.1	19048.8	18666.1	17675.8	16075.9	14044.5	11697.9	8906.3	6416.5
-5°	15185.7	16804.8	17740.0	18155.1	17740.0	16804.8	15185.7	13261.4	10943.7	8350.2	6086.5
-7.5°	13828.9	15197.2	16202.0	16643.1	16202.0	15197.2	13828.9	12028.7	9758.9	7442.9	5567.4
-10°	12110.1	13257.7	14149.6	14449.3	14149.6	13257.7	12110.1	10298.0	8311.4	6366.5	4863.1
-12.5°	9731.0	10969.5	11802.0	12107.1	11802.0	10969.5	9731.0	8302.4	6655.4	5361.1	4202.1
-15°	7452.3	8430.9	9017.3	9123.0	9017.3	8430.9	7452.3	6435.0	5378.6	4403.9	3454.7
-17.5°	5580.9	6163.2	6528.8	6686.2	6528.8	6163.2	5580.9	4880.1	4227.7	3476.6	2721.8
-20°	4172.2	4530.9	4722.8	4722.9	4722.8	4530.9	4172.2	3690.6	3194.6	2606.0	2028.3



REPORT NUMBER: P626715 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA1D-727-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°	3028.4	3298.0	3445.7	3471.5	3445.7	3298.0	3028.4	2665.3	2272.8	1843.3	1408.1
-25°	2041.1	2238.6	2365.0	2367.1	2365.0	2238.6	2041.1	1775.3	1475.2	1214.1	920.5
-27.5°	1269.9	1385.6	1454.2	1459.6	1454.2	1385.6	1269.9	1109.1	902.3	786.1	639.4
-30°	778.4	824.8	846.6	841.4	846.6	824.8	778.4	706.6	612.7	543.0	475.7
-32.5°	525.5	548.2	560.4	562.2	560.4	548.2	525.5	492.7	448.3	407.7	376.2
-35°	394.0	405.1	410.8	411.3	410.8	405.1	394.0	377.3	355.7	332.4	313.9
-37.5°	318.5	324.3	327.0	325.3	327.0	324.3	318.5	309.7	297.9	283.2	271.9
-40°	270.8	274.0	276.0	278.0	276.0	274.0	270.8	265.7	258.8	250.4	242.6
-42.5°	237.5	239.1	240.0	240.6	240.0	239.1	237.5	234.8	230.9	226.0	220.9
-45°	214.1	214.8	214.8	214.4	214.8	214.8	214.1	212.6	210.4	207.7	204.7
-47.5°	196.1	196.3	196.2	195.7	196.2	196.3	196.1	195.3	194.2	192.6	190.5
-50°	181.2	180.6	180.1	179.5	180.1	180.6	181.2	181.4	181.1	180.2	178.7
-52.5°	170.1	169.5	168.9	168.3	168.9	169.5	170.1	170.4	170.1	169.2	168.0
-55°	159.9	159.5	159.0	158.3	159.0	159.5	159.9	159.9	159.6	159.0	158.2
-57.5°	150.7	150.5	150.7	150.8	150.7	150.5	150.7	150.6	150.2	149.8	149.1
-60°	141.5	141.6	141.9	142.1	141.9	141.6	141.5	141.0	140.2	139.3	138.3
-62.5°	127.7	127.9	128.8	129.6	128.8	127.9	127.7	127.2	126.4	125.7	125.0
-65°	112.9	113.0	113.8	114.7	113.8	113.0	112.9	112.6	111.9	111.2	110.4
-67.5°	99.0	99.3	100.2	101.0	100.2	99.3	99.0	98.6	98.0	97.4	96.7
-70°	85.9	85.7	86.5	87.3	86.5	85.7	85.9	85.8	85.6	85.2	84.6
-72.5°	73.4	73.2	73.4	73.5	73.4	73.2	73.4	73.4	73.2	72.8	72.3
-75°	60.8	60.8	61.0	61.1	61.0	60.8	60.8	60.6	60.2	59.8	59.4
-77.5°	48.4	48.4	48.5	48.6	48.5	48.4	48.4	48.3	48.1	47.8	47.2
-80°	36.0	35.9	36.1	36.1	36.1	35.9	36.0	36.0	35.9	35.7	35.1
-82.5°	24.6	24.8	24.9	24.9	24.9	24.8	24.6	24.4	24.1	23.8	23.7
-85°	13.6	13.6	13.7	13.7	13.7	13.6	13.6	13.4	13.3	13.1	13.2
-87.5°	5.0	5.0	5.0	5.0	5.0	5.0	5.0	4.9	4.9	4.8	4.8
-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: P626715 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA1D-727-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°	4.7	4.6	4.5	4.4	4.3	4.2	4.1	4.0	3.8	3.7	3.5
85°	13.2	13.2	13.1	12.7	12.3	11.9	11.4	10.9	10.3	9.7	9.1
82.5°	23.5	23.3	23.0	22.2	21.3	20.4	19.5	18.7	17.9	17.1	16.2
80°	34.5	33.9	33.1	32.1	31.0	29.7	28.3	27.0	25.6	24.3	23.1
77.5°	46.5	45.7	44.6	43.3	41.8	40.2	38.6	36.8	35.1	33.3	31.4
75°	58.9	58.1	56.9	55.3	53.6	51.7	49.6	47.2	44.9	42.5	40.2
72.5°	71.5	70.6	69.3	67.5	65.4	63.1	60.7	58.0	55.1	51.9	48.9
70°	83.8	82.8	81.5	79.9	77.8	75.3	72.4	69.3	65.9	62.5	58.9
67.5°	95.8	94.6	93.3	91.8	89.9	87.6	84.5	80.9	77.1	73.1	69.0
65°	109.2	107.7	105.9	104.4	102.4	100.0	96.9	93.4	89.2	84.3	79.1
62.5°	123.8	122.4	120.0	117.4	114.8	112.1	108.5	104.6	100.8	96.3	90.1
60°	137.3	136.0	132.8	129.6	126.5	123.1	119.1	115.0	110.9	106.0	100.3
57.5°	148.0	145.9	142.9	139.9	136.8	132.7	128.4	124.4	119.9	115.2	109.9
55°	157.2	154.9	151.8	148.5	144.9	140.8	136.6	132.1	127.8	123.9	118.4
52.5°	166.4	163.6	160.3	156.8	152.8	148.4	143.8	139.1	135.0	130.9	126.3
50°	176.6	173.0	169.1	164.9	160.7	156.0	151.0	146.0	142.0	137.8	133.2
47.5°	187.6	183.3	178.6	173.9	169.0	163.9	158.5	153.1	148.7	144.3	139.7
45°	200.5	195.0	189.0	183.6	177.8	172.1	166.3	160.7	155.2	150.3	145.7
42.5°	215.4	208.9	202.0	194.6	187.2	180.7	174.2	168.1	162.0	156.1	150.9
40°	234.1	224.6	216.6	207.5	198.7	189.8	182.8	175.5	168.7	162.1	156.1
37.5°	258.8	245.6	234.1	222.3	211.7	201.2	192.1	183.8	175.5	168.3	161.5
35°	292.1	273.6	255.6	240.4	226.2	213.8	202.2	192.5	183.3	174.6	167.0
32.5°	339.3	312.2	283.3	262.7	243.3	227.2	213.5	201.4	190.9	181.3	172.6
30°	413.4	365.5	324.5	289.6	264.6	242.7	225.0	210.8	198.5	187.8	178.1
27.5°	534.1	436.6	379.8	327.6	288.9	261.6	238.7	220.1	205.8	194.2	183.6
25°	729.9	565.3	450.3	378.2	322.0	281.7	253.4	231.3	213.8	199.9	187.5
22.5°	1016.7	759.7	561.9	436.3	362.7	309.2	270.8	242.3	220.9	204.8	191.3
20°	1468.9	1010.4	724.3	530.2	410.4	335.7	289.2	255.2	229.6	210.1	194.6
17.5°	2010.6	1398.2	908.3	631.4	472.3	373.8	310.8	267.6	237.3	214.8	197.5
15°	2556.4	1803.8	1191.0	778.0	539.7	407.2	329.3	278.3	244.9	220.1	201.1
12.5°	3159.2	2238.3	1441.8	899.3	609.2	447.3	352.9	292.7	253.1	225.3	204.5
10°	3679.9	2644.2	1743.3	1093.6	700.7	489.5	374.5	305.1	259.9	229.6	207.2
7.5°	4148.7	2991.0	1996.2	1245.2	771.7	522.9	391.8	314.9	265.1	232.7	209.2
5°	4481.4	3256.0	2199.6	1359.8	822.4	546.1	403.9	321.8	268.4	234.6	210.3
2.5°	4689.0	3415.4	2332.3	1427.8	847.3	558.8	411.5	325.8	271.3	236.8	210.9
0°	4708.0	3404.2	2350.9	1460.9	831.4	560.9	415.1	326.6	273.0	238.1	210.7
-2.5°	4689.0	3415.4	2332.3	1427.8	847.3	558.8	411.5	325.8	271.3	236.8	210.9
-5°	4481.4	3256.0	2199.6	1359.8	822.4	546.1	403.9	321.8	268.4	234.6	210.3
-7.5°	4148.7	2991.0	1996.2	1245.2	771.7	522.9	391.8	314.9	265.1	232.7	209.2
-10°	3679.9	2644.2	1743.3	1093.6	700.7	489.5	374.5	305.1	259.9	229.6	207.2
-12.5°	3159.2	2238.3	1441.8	899.3	609.2	447.3	352.9	292.7	253.1	225.3	204.5
-15°	2556.4	1803.8	1191.0	778.0	539.7	407.2	329.3	278.3	244.9	220.1	201.1
-17.5°	2010.6	1398.2	908.3	631.4	472.3	373.8	310.8	267.6	237.3	214.8	197.5
-20°	1468.9	1010.4	724.3	530.2	410.4	335.7	289.2	255.2	229.6	210.1	194.6

Classified

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

Scaled Data Report



REPORT NUMBER: P626715 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA1D-727-U-MR-XX

CANDELA DISTRIBUTION (continued):

	20°	22.5°	25°	27.5°	30°	32.5°	35°	37.5°	40°	42.5°	45°
-22.5°	1016.7	759.7	561.9	436.3	362.7	309.2	270.8	242.3	220.9	204.8	191.3
-25°	729.9	565.3	450.3	378.2	322.0	281.7	253.4	231.3	213.8	199.9	187.5
-27.5°	534.1	436.6	379.8	327.6	288.9	261.6	238.7	220.1	205.8	194.2	183.6
-30°	413.4	365.5	324.5	289.6	264.6	242.7	225.0	210.8	198.5	187.8	178.1
-32.5°	339.3	312.2	283.3	262.7	243.3	227.2	213.5	201.4	190.9	181.3	172.6
-35°	292.1	273.6	255.6	240.4	226.2	213.8	202.2	192.5	183.3	174.6	167.0
-37.5°	258.8	245.6	234.1	222.3	211.7	201.2	192.1	183.8	175.5	168.3	161.5
-40°	234.1	224.6	216.6	207.5	198.7	189.8	182.8	175.5	168.7	162.1	156.1
-42.5°	215.4	208.9	202.0	194.6	187.2	180.7	174.2	168.1	162.0	156.1	150.9
-45°	200.5	195.0	189.0	183.6	177.8	172.1	166.3	160.7	155.2	150.3	145.7
-47.5°	187.6	183.3	178.6	173.9	169.0	163.9	158.5	153.1	148.7	144.3	139.7
-50°	176.6	173.0	169.1	164.9	160.7	156.0	151.0	146.0	142.0	137.8	133.2
-52.5°	166.4	163.6	160.3	156.8	152.8	148.4	143.8	139.1	135.0	130.9	126.3
-55°	157.2	154.9	151.8	148.5	144.9	140.8	136.6	132.1	127.8	123.9	118.4
-57.5°	148.0	145.9	142.9	139.9	136.8	132.7	128.4	124.4	119.9	115.2	109.9
-60°	137.3	136.0	132.8	129.6	126.5	123.1	119.1	115.0	110.9	106.0	100.3
-62.5°	123.8	122.4	120.0	117.4	114.8	112.1	108.5	104.6	100.8	96.3	90.1
-65°	109.2	107.7	105.9	104.4	102.4	100.0	96.9	93.4	89.2	84.3	79.1
-67.5°	95.8	94.6	93.3	91.8	89.9	87.6	84.5	80.9	77.1	73.1	69.0
-70°	83.8	82.8	81.5	79.9	77.8	75.3	72.4	69.3	65.9	62.5	58.9
-72.5°	71.5	70.6	69.3	67.5	65.4	63.1	60.7	58.0	55.1	51.9	48.9
-75°	58.9	58.1	56.9	55.3	53.6	51.7	49.6	47.2	44.9	42.5	40.2
-77.5°	46.5	45.7	44.6	43.3	41.8	40.2	38.6	36.8	35.1	33.3	31.4
-80°	34.5	33.9	33.1	32.1	31.0	29.7	28.3	27.0	25.6	24.3	23.1
-82.5°	23.5	23.3	23.0	22.2	21.3	20.4	19.5	18.7	17.9	17.1	16.2
-85°	13.2	13.2	13.1	12.7	12.3	11.9	11.4	10.9	10.3	9.7	9.1
-87.5°	4.7	4.6	4.5	4.4	4.3	4.2	4.1	4.0	3.8	3.7	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: P626715 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA1D-727-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°	3.4	3.2	3.0	2.9	2.7	2.5	2.3	2.1	1.9	1.7	1.5
85°	8.5	7.8	7.2	6.5	5.7	5.0	4.6	4.2	3.8	3.4	3.0
82.5°	15.2	14.3	13.2	12.2	11.1	10.0	8.8	7.6	6.4	5.2	4.5
80°	21.9	20.6	19.2	17.9	16.5	14.9	13.4	11.8	10.0	8.4	6.8
77.5°	29.4	27.4	25.3	23.5	21.9	20.2	18.2	16.0	13.7	11.5	9.4
75°	37.8	35.3	32.7	30.2	27.8	25.4	23.2	20.6	17.7	14.6	12.0
72.5°	46.3	43.5	40.4	37.2	34.3	31.4	28.4	25.2	21.8	18.3	14.8
70°	55.4	51.8	48.4	44.8	41.1	37.4	33.9	30.1	25.8	21.9	17.9
67.5°	64.7	60.5	56.4	52.4	48.2	43.9	39.5	35.0	30.3	25.5	21.1
65°	74.3	69.4	64.3	59.8	55.2	50.4	45.5	39.9	34.6	29.4	24.1
62.5°	84.1	78.4	72.8	67.3	62.0	56.8	51.3	45.0	39.0	33.2	27.4
60°	93.9	87.4	81.1	75.0	68.9	63.0	56.9	50.0	43.4	36.9	30.7
57.5°	103.3	96.1	89.0	82.3	75.7	69.2	62.3	54.9	47.7	40.7	33.9
55°	112.5	105.1	96.7	89.1	82.1	75.2	67.5	59.8	51.8	44.3	37.0
52.5°	120.6	113.2	104.5	95.8	88.0	80.7	72.5	64.4	56.0	47.7	40.0
50°	127.9	120.4	111.7	102.5	93.6	85.6	77.3	68.7	60.1	51.1	42.9
47.5°	134.3	127.1	118.5	108.9	99.3	90.2	81.6	72.8	64.0	54.6	45.8
45°	140.0	133.5	124.9	115.1	104.7	95.0	85.7	76.7	67.5	58.0	48.5
42.5°	145.3	139.0	131.2	121.1	110.1	99.5	89.6	80.2	70.7	61.2	51.2
40°	150.2	143.8	137.1	126.8	115.2	103.8	93.5	83.6	73.7	64.1	53.8
37.5°	155.0	148.4	141.4	132.1	119.9	108.1	97.1	86.8	76.7	66.7	56.2
35°	159.9	152.8	145.1	136.3	124.5	112.1	100.4	89.8	79.4	69.1	58.5
32.5°	164.6	156.8	148.6	139.8	128.7	115.8	103.6	92.7	82.0	71.4	60.6
30°	169.2	160.1	151.7	143.3	132.5	119.3	106.8	95.4	84.4	73.5	62.6
27.5°	172.7	163.0	154.4	146.2	135.6	122.6	109.8	97.9	86.7	75.4	64.3
25°	175.9	165.7	156.8	148.4	138.6	126.0	112.6	100.2	88.7	77.2	65.8
22.5°	179.1	168.1	158.7	150.3	141.5	129.0	115.3	102.4	90.5	78.8	67.2
20°	181.8	170.0	160.3	152.1	143.5	131.4	117.7	104.4	92.1	80.3	68.4
17.5°	184.1	172.0	162.0	153.5	144.8	133.4	119.9	106.2	93.6	81.5	69.5
15°	186.5	174.0	163.5	154.6	146.0	135.1	121.7	107.7	94.7	82.6	70.5
12.5°	188.5	175.5	164.6	155.4	147.0	136.4	123.3	108.9	95.7	83.5	71.4
10°	190.1	176.5	165.3	155.9	147.8	137.3	124.4	110.1	96.9	84.4	72.1
7.5°	191.2	177.0	165.8	156.2	148.3	138.2	125.6	111.3	97.9	85.1	72.7
5°	192.0	177.2	166.1	156.6	148.6	139.0	126.5	112.3	98.7	85.6	73.2
2.5°	192.9	177.3	166.1	157.0	148.6	139.4	126.9	113.0	99.3	85.9	73.4
0°	193.2	177.0	165.8	157.1	148.3	139.6	127.1	113.4	99.7	86.0	73.5
-2.5°	192.9	177.3	166.1	157.0	148.6	139.4	126.9	113.0	99.3	85.9	73.4
-5°	192.0	177.2	166.1	156.6	148.6	139.0	126.5	112.3	98.7	85.6	73.2
-7.5°	191.2	177.0	165.8	156.2	148.3	138.2	125.6	111.3	97.9	85.1	72.7
-10°	190.1	176.5	165.3	155.9	147.8	137.3	124.4	110.1	96.9	84.4	72.1
-12.5°	188.5	175.5	164.6	155.4	147.0	136.4	123.3	108.9	95.7	83.5	71.4
-15°	186.5	174.0	163.5	154.6	146.0	135.1	121.7	107.7	94.7	82.6	70.5
-17.5°	184.1	172.0	162.0	153.5	144.8	133.4	119.9	106.2	93.6	81.5	69.5
-20°	181.8	170.0	160.3	152.1	143.5	131.4	117.7	104.4	92.1	80.3	68.4

Classified

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



REPORT NUMBER: P626715 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA1D-727-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°	179.1	168.1	158.7	150.3	141.5	129.0	115.3	102.4	90.5	78.8	67.2
-25°	175.9	165.7	156.8	148.4	138.6	126.0	112.6	100.2	88.7	77.2	65.8
-27.5°	172.7	163.0	154.4	146.2	135.6	122.6	109.8	97.9	86.7	75.4	64.3
-30°	169.2	160.1	151.7	143.3	132.5	119.3	106.8	95.4	84.4	73.5	62.6
-32.5°	164.6	156.8	148.6	139.8	128.7	115.8	103.6	92.7	82.0	71.4	60.6
-35°	159.9	152.8	145.1	136.3	124.5	112.1	100.4	89.8	79.4	69.1	58.5
-37.5°	155.0	148.4	141.4	132.1	119.9	108.1	97.1	86.8	76.7	66.7	56.2
-40°	150.2	143.8	137.1	126.8	115.2	103.8	93.5	83.6	73.7	64.1	53.8
-42.5°	145.3	139.0	131.2	121.1	110.1	99.5	89.6	80.2	70.7	61.2	51.2
-45°	140.0	133.5	124.9	115.1	104.7	95.0	85.7	76.7	67.5	58.0	48.5
-47.5°	134.3	127.1	118.5	108.9	99.3	90.2	81.6	72.8	64.0	54.6	45.8
-50°	127.9	120.4	111.7	102.5	93.6	85.6	77.3	68.7	60.1	51.1	42.9
-52.5°	120.6	113.2	104.5	95.8	88.0	80.7	72.5	64.4	56.0	47.7	40.0
-55°	112.5	105.1	96.7	89.1	82.1	75.2	67.5	59.8	51.8	44.3	37.0
-57.5°	103.3	96.1	89.0	82.3	75.7	69.2	62.3	54.9	47.7	40.7	33.9
-60°	93.9	87.4	81.1	75.0	68.9	63.0	56.9	50.0	43.4	36.9	30.7
-62.5°	84.1	78.4	72.8	67.3	62.0	56.8	51.3	45.0	39.0	33.2	27.4
-65°	74.3	69.4	64.3	59.8	55.2	50.4	45.5	39.9	34.6	29.4	24.1
-67.5°	64.7	60.5	56.4	52.4	48.2	43.9	39.5	35.0	30.3	25.5	21.1
-70°	55.4	51.8	48.4	44.8	41.1	37.4	33.9	30.1	25.8	21.9	17.9
-72.5°	46.3	43.5	40.4	37.2	34.3	31.4	28.4	25.2	21.8	18.3	14.8
-75°	37.8	35.3	32.7	30.2	27.8	25.4	23.2	20.6	17.7	14.6	12.0
-77.5°	29.4	27.4	25.3	23.5	21.9	20.2	18.2	16.0	13.7	11.5	9.4
-80°	21.9	20.6	19.2	17.9	16.5	14.9	13.4	11.8	10.0	8.4	6.8
-82.5°	15.2	14.3	13.2	12.2	11.1	10.0	8.8	7.6	6.4	5.2	4.5
-85°	8.5	7.8	7.2	6.5	5.7	5.0	4.6	4.2	3.8	3.4	3.0
-87.5°	3.4	3.2	3.0	2.9	2.7	2.5	2.3	2.1	1.9	1.7	1.5
-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: P626715 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA1D-727-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°	1.3	1.1	0.9	0.7	0.4	0.2	0.0
85°	2.6	2.2	1.7	1.3	0.9	0.4	0.0
82.5°	3.9	3.2	2.6	2.0	1.3	0.7	0.0
80°	5.3	4.3	3.5	2.6	1.7	0.9	0.0
77.5°	7.5	5.6	4.3	3.2	2.2	1.1	0.0
75°	9.7	7.5	5.3	3.9	2.6	1.3	0.0
72.5°	11.8	9.3	6.7	4.5	3.0	1.5	0.0
70°	14.1	11.1	8.1	5.2	3.4	1.7	0.0
67.5°	16.8	12.8	9.6	6.3	3.8	1.9	0.0
65°	19.4	14.8	10.9	7.3	4.2	2.1	0.0
62.5°	22.0	17.0	12.3	8.3	4.6	2.3	0.0
60°	24.6	19.1	13.6	9.3	5.0	2.5	0.0
57.5°	27.3	21.2	15.3	10.3	5.6	2.7	0.0
55°	29.9	23.2	16.9	11.2	6.3	2.9	0.0
52.5°	32.5	25.2	18.5	12.2	6.9	3.0	0.0
50°	34.9	27.2	20.0	13.0	7.5	3.2	0.0
47.5°	37.3	29.2	21.5	14.0	8.0	3.4	0.0
45°	39.6	31.0	22.9	15.0	8.6	3.5	0.0
42.5°	41.8	32.7	24.3	16.0	9.1	3.7	0.0
40°	43.9	34.4	25.6	17.0	9.6	3.8	0.0
37.5°	45.9	35.9	26.8	17.9	10.1	4.0	0.0
35°	47.8	37.5	28.0	18.7	10.5	4.1	0.0
32.5°	49.6	38.9	29.0	19.5	11.0	4.2	0.0
30°	51.3	40.3	30.1	20.2	11.4	4.3	0.0
27.5°	52.8	41.6	31.0	20.8	11.7	4.4	0.0
25°	54.2	42.7	31.8	21.4	12.1	4.5	0.0
22.5°	55.4	43.8	32.6	21.9	12.4	4.6	0.0
20°	56.5	44.7	33.3	22.4	12.6	4.7	0.0
17.5°	57.5	45.4	33.9	22.8	12.9	4.8	0.0
15°	58.4	46.1	34.5	23.1	13.1	4.8	0.0
12.5°	59.2	46.6	35.0	23.3	13.3	4.9	0.0
10°	59.9	47.0	35.4	23.5	13.4	4.9	0.0
7.5°	60.4	47.3	35.7	23.7	13.6	5.0	0.0
5°	60.8	47.4	35.9	23.7	13.6	5.0	0.0
2.5°	61.0	47.5	36.1	23.8	13.7	5.0	0.0
0°	61.1	47.4	36.1	23.7	13.7	5.0	0.0
-2.5°	61.0	47.5	36.1	23.8	13.7	5.0	0.0
-5°	60.8	47.4	35.9	23.7	13.6	5.0	0.0
-7.5°	60.4	47.3	35.7	23.7	13.6	5.0	0.0
-10°	59.9	47.0	35.4	23.5	13.4	4.9	0.0
-12.5°	59.2	46.6	35.0	23.3	13.3	4.9	0.0
-15°	58.4	46.1	34.5	23.1	13.1	4.8	0.0
-17.5°	57.5	45.4	33.9	22.8	12.9	4.8	0.0
-20°	56.5	44.7	33.3	22.4	12.6	4.7	0.0

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REPORT NUMBER: P626715 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA1D-727-U-MR-XX

CANDELA DISTRIBUTION (continued):

	75°	77.5°	80°	82.5°	85°	87.5°	90°
-22.5°	55.4	43.8	32.6	21.9	12.4	4.6	0.0
-25°	54.2	42.7	31.8	21.4	12.1	4.5	0.0
-27.5°	52.8	41.6	31.0	20.8	11.7	4.4	0.0
-30°	51.3	40.3	30.1	20.2	11.4	4.3	0.0
-32.5°	49.6	38.9	29.0	19.5	11.0	4.2	0.0
-35°	47.8	37.5	28.0	18.7	10.5	4.1	0.0
-37.5°	45.9	35.9	26.8	17.9	10.1	4.0	0.0
-40°	43.9	34.4	25.6	17.0	9.6	3.8	0.0
-42.5°	41.8	32.7	24.3	16.0	9.1	3.7	0.0
-45°	39.6	31.0	22.9	15.0	8.6	3.5	0.0
-47.5°	37.3	29.2	21.5	14.0	8.0	3.4	0.0
-50°	34.9	27.2	20.0	13.0	7.5	3.2	0.0
-52.5°	32.5	25.2	18.5	12.2	6.9	3.0	0.0
-55°	29.9	23.2	16.9	11.2	6.3	2.9	0.0
-57.5°	27.3	21.2	15.3	10.3	5.6	2.7	0.0
-60°	24.6	19.1	13.6	9.3	5.0	2.5	0.0
-62.5°	22.0	17.0	12.3	8.3	4.6	2.3	0.0
-65°	19.4	14.8	10.9	7.3	4.2	2.1	0.0
-67.5°	16.8	12.8	9.6	6.3	3.8	1.9	0.0
-70°	14.1	11.1	8.1	5.2	3.4	1.7	0.0
-72.5°	11.8	9.3	6.7	4.5	3.0	1.5	0.0
-75°	9.7	7.5	5.3	3.9	2.6	1.3	0.0
-77.5°	7.5	5.6	4.3	3.2	2.2	1.1	0.0
-80°	5.3	4.3	3.5	2.6	1.7	0.9	0.0
-82.5°	3.9	3.2	2.6	2.0	1.3	0.7	0.0
-85°	2.6	2.2	1.7	1.3	0.9	0.4	0.0
-87.5°	1.3	1.1	0.9	0.7	0.4	0.2	0.0
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0

(END OF REPORT)