

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: P626745 (CONVERTED FROM TYPE C PHOTOMETRY)

Luminaire Tested: **GFLD-SA1D-740-U-MR-XX**

Issue Date: 12/7/2022

Test Information

Test Method: LM-79-08
Report Number: P626745 (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-740-U-MR-XX
Description: GALLEON FLOOD, ONE LIGHT SQAURE, MEDIUM SYMMETRICAL ROUND N27
Light Source: (16) 4000K CCT, 70 CRI LEDS
Ballast/Driver: -

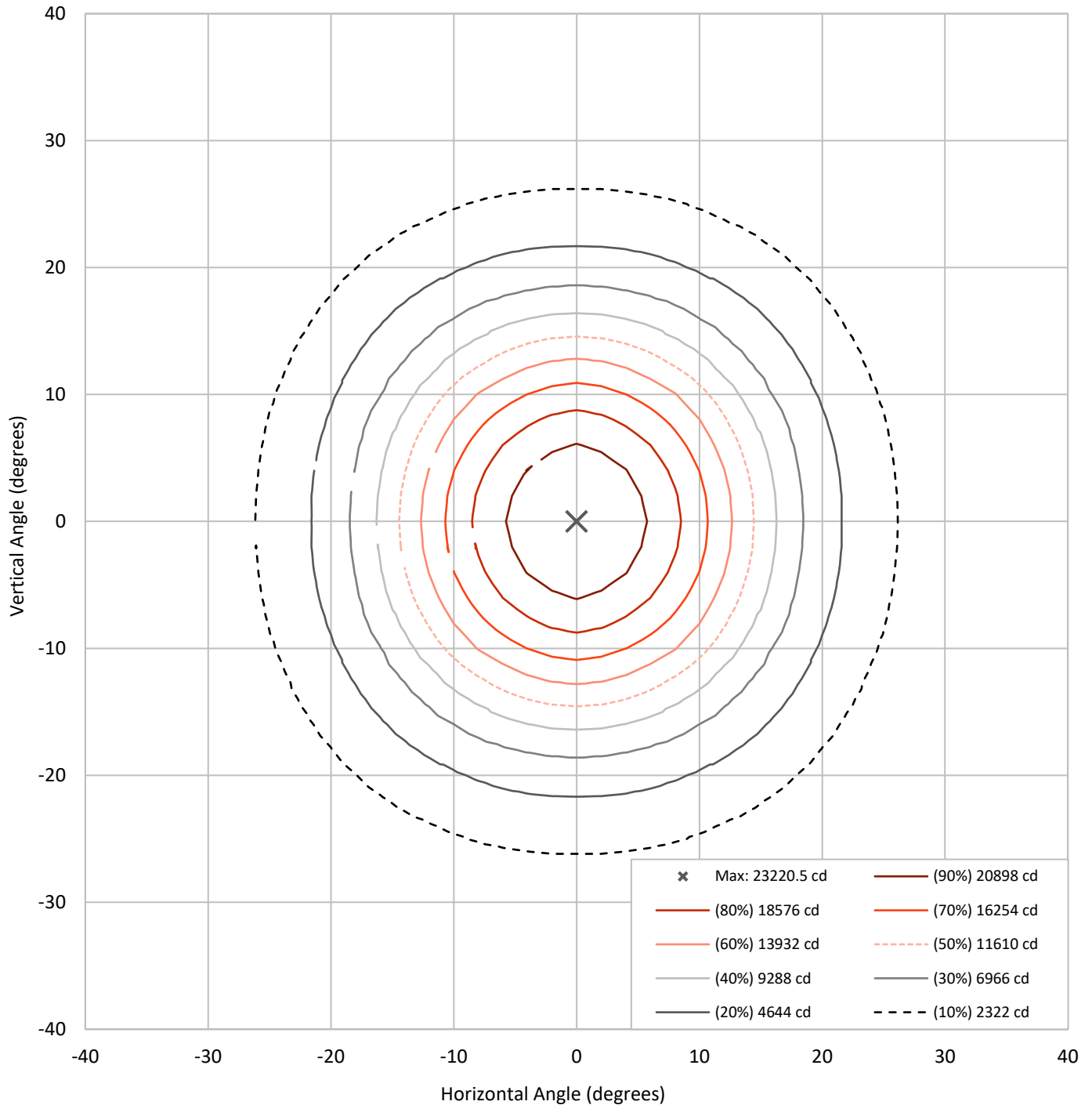
Summary

Lumens per Lamp:	N/A	NEMA Type:	4H x 4V
Luminaire Lumens:	7254.9 lumens	Max Intensity:	23220.5 candela
Efficiency:	N/A	Max Intensity Angle:	0°H x 0°V
Efficacy:	126.6 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:	3527.2 lumens	Field Lumens:	5952.5 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





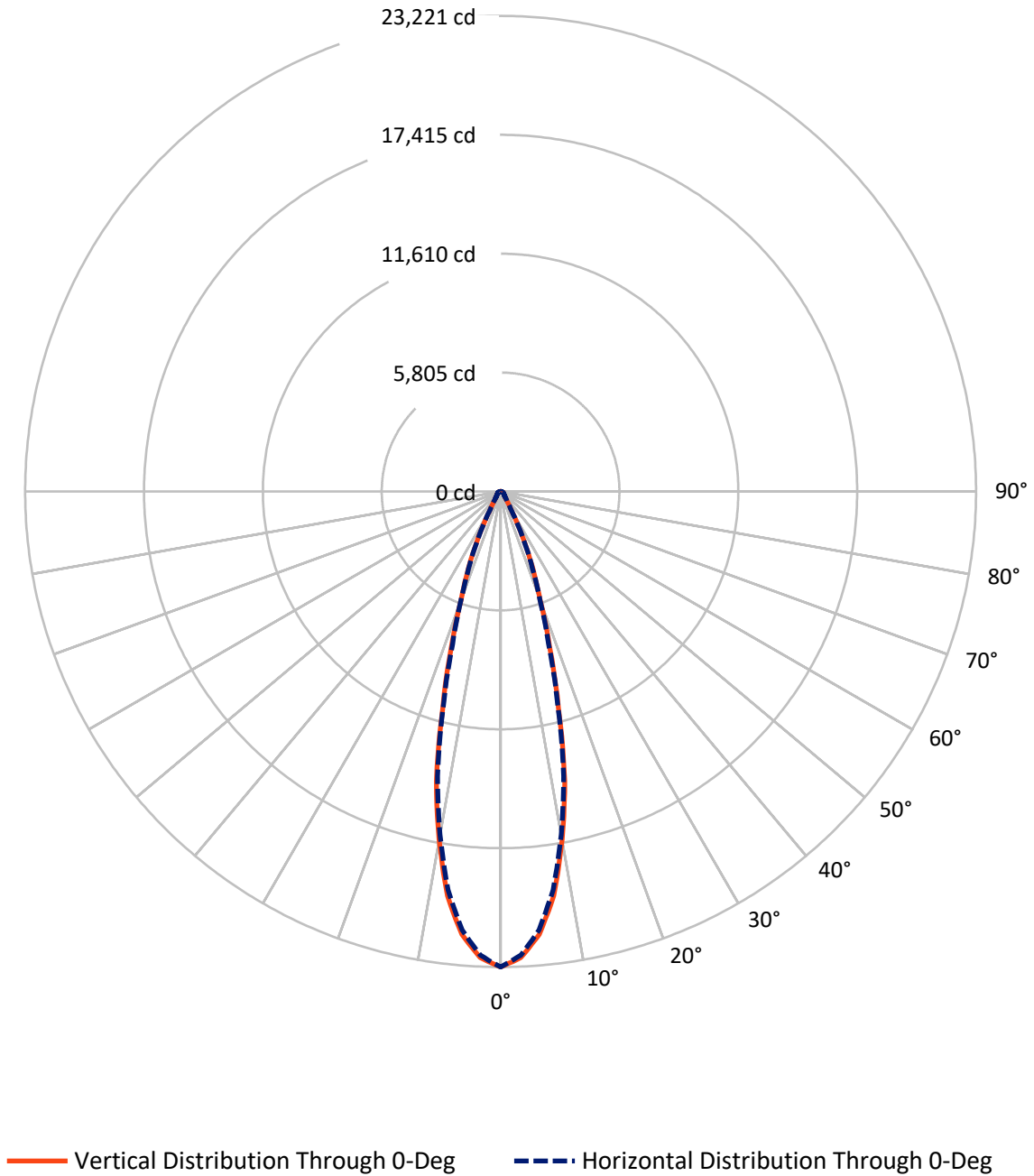
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Lumen Table

90																			
80	0.1	1.2		3.2		5.0		5.5		5.0		3.2		1.2		0.1			
70																			
60	0.5	0.6	1.3	2.0	2.9	3.5	3.9	4.1	4.1	3.9	3.5	2.9	2.0	1.3	0.6	0.5			
50		0.9	1.9	3.0	4.1	5.0	5.6	5.8	5.8	5.6	5.0	4.1	3.0	1.9	0.9				
40	1.0	1.2	2.4	3.7	5.0	6.3	7.4	7.9	7.9	7.4	6.3	5.0	3.7	2.4	1.2	1.0			
30		1.4	2.8	4.3	6.1	8.7	12.6	16.3	16.3	12.6	8.7	6.1	4.3	2.8	1.4				
20	1.2	1.6	3.1	4.9	7.8	17.0	47.8	84.7	84.7	47.8	17.0	7.8	4.9	3.1	1.6	1.2			
10		1.7	3.2	5.3	10.6	44.5	158.7	304.1	304.1	158.7	44.5	10.6	5.3	3.2	1.7				
0	1.3	1.7	3.3	5.6	13.5	76.9	293.7	577.8	577.8	293.7	76.9	13.5	5.6	3.3	1.7	1.3			
-10		1.7	3.3	5.6	13.5	76.9	293.7	577.8	577.8	293.7	76.9	13.5	5.6	3.3	1.7				
-20	1.2	1.7	3.2	5.3	10.6	44.5	158.7	304.1	304.1	158.7	44.5	10.6	5.3	3.2	1.7	1.2			
-30		1.6	3.1	4.9	7.8	17.0	47.8	84.7	84.7	47.8	17.0	7.8	4.9	3.1	1.6				
-40	1.0	1.4	2.8	4.3	6.1	8.7	12.6	16.3	16.3	12.6	8.7	6.1	4.3	2.8	1.4	1.0			
-50		1.2	2.4	3.7	5.0	6.3	7.4	7.9	7.9	7.4	6.3	5.0	3.7	2.4	1.2				
-60	0.5	0.9	1.9	3.0	4.1	5.0	5.6	5.8	5.8	5.6	5.0	4.1	3.0	1.9	0.9	0.5			
-70		0.6	1.3	2.0	2.9	3.5	3.9	4.1	4.1	3.9	3.5	2.9	2.0	1.3	0.6				
-80																			
-90	0.1	1.2		3.2		5.0		5.5		5.0		3.2		1.2		0.1			
	-90	-80	-70	-60	-50	-40	-30	-20	-10	0	10	20	30	40	50	60	70	80	90

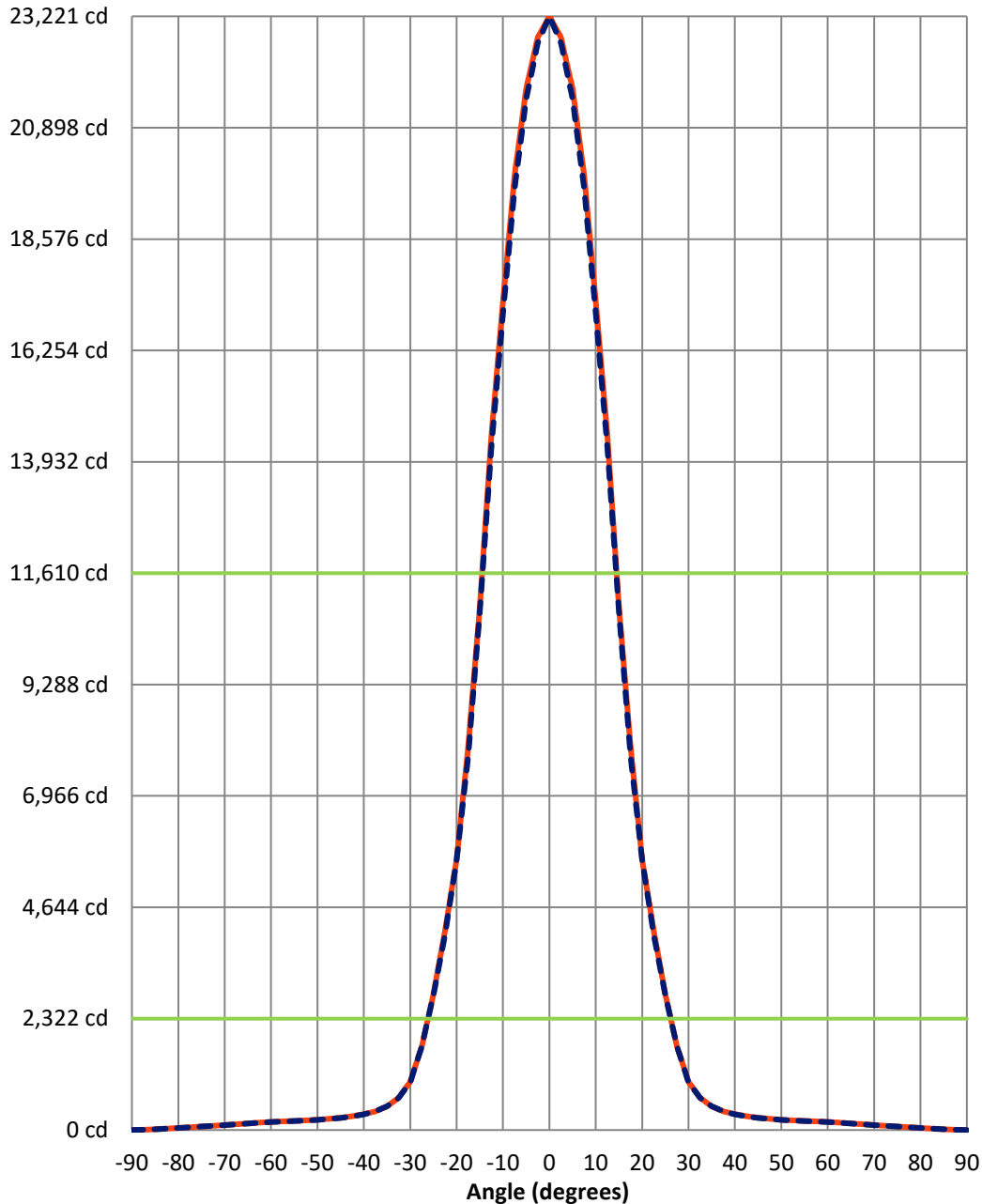
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Luminous Intensity Polar Plot



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Luminous Intensity Plot



Beam:
 H Angle: 28.8°
 V Angle: 29°
 Lumens: 3527.2
 Efficiency: 48.6%

Field:
 H Angle: 52.3°
 V Angle: 52.3°
 Lumens: 5952.5
 Efficiency: 82.0%

Spill:
 Lumens: 1302.4
 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	0.3	0.5	0.8	1.0	1.3	1.6	1.8	2.1	2.3	2.5
85°	0.0	0.5	1.0	1.6	2.1	2.6	3.1	3.6	4.1	4.6	5.1
82.5°	0.0	0.8	1.6	2.3	3.1	3.9	4.6	5.4	6.3	7.7	9.1
80°	0.0	1.0	2.1	3.1	4.1	5.2	6.3	8.1	10.0	12.0	14.1
77.5°	0.0	1.3	2.6	3.9	5.2	6.8	9.0	11.3	13.7	16.3	19.2
75°	0.0	1.6	3.1	4.6	6.3	9.0	11.6	14.4	17.5	21.1	24.6
72.5°	0.0	1.8	3.6	5.4	8.1	11.1	14.2	17.7	21.9	26.0	30.1
70°	0.0	2.1	4.1	6.2	9.8	13.3	16.8	21.5	26.2	30.9	35.9
67.5°	0.0	2.3	4.6	7.5	11.5	15.4	20.1	25.2	30.5	36.2	41.8
65°	0.0	2.5	5.1	8.8	13.1	17.7	23.3	28.9	35.1	41.4	47.7
62.5°	0.0	2.8	5.5	10.0	14.7	20.3	26.4	32.8	39.7	46.6	53.9
60°	0.0	3.0	6.0	11.2	16.3	22.9	29.5	36.7	44.2	51.8	59.8
57.5°	0.0	3.2	6.8	12.3	18.3	25.4	32.7	40.5	48.6	56.9	65.6
55°	0.0	3.4	7.5	13.5	20.2	27.8	35.8	44.2	52.9	61.9	71.4
52.5°	0.0	3.7	8.3	14.6	22.1	30.2	38.8	47.8	57.0	66.9	77.0
50°	0.0	3.9	9.0	15.6	24.0	32.6	41.8	51.3	61.1	71.8	82.2
47.5°	0.0	4.1	9.6	16.7	25.7	34.9	44.5	54.7	65.2	76.5	87.0
45°	0.0	4.2	10.3	18.0	27.4	37.1	47.3	57.9	69.3	80.6	91.7
42.5°	0.0	4.4	10.9	19.2	29.0	39.2	50.0	61.1	73.1	84.5	95.9
40°	0.0	4.6	11.5	20.3	30.6	41.1	52.5	64.3	76.6	88.2	99.9
37.5°	0.0	4.8	12.1	21.4	32.1	43.0	54.9	67.2	79.7	91.7	103.7
35°	0.0	4.9	12.6	22.4	33.5	44.8	57.1	69.9	82.6	95.0	107.3
32.5°	0.0	5.1	13.1	23.3	34.8	46.6	59.2	72.5	85.3	98.1	110.8
30°	0.0	5.2	13.6	24.2	36.0	48.2	61.3	74.8	87.9	101.0	114.0
27.5°	0.0	5.3	14.0	24.9	37.0	49.7	63.1	76.8	90.2	103.6	117.0
25°	0.0	5.4	14.4	25.6	38.0	51.1	64.8	78.6	92.3	106.0	119.7
22.5°	0.0	5.5	14.8	26.2	39.0	52.3	66.3	80.3	94.3	108.2	122.4
20°	0.0	5.6	15.1	26.8	39.8	53.4	67.6	81.8	96.0	110.1	124.8
17.5°	0.0	5.7	15.4	27.2	40.6	54.3	68.7	83.1	97.4	111.8	126.9
15°	0.0	5.8	15.7	27.6	41.3	55.1	69.8	84.2	98.7	113.2	128.7
12.5°	0.0	5.9	15.9	27.9	41.8	55.7	70.8	85.4	99.9	114.4	130.2
10°	0.0	5.9	16.1	28.1	42.3	56.2	71.5	86.3	100.9	115.8	131.6
7.5°	0.0	5.9	16.2	28.3	42.7	56.5	72.2	87.0	101.7	117.0	133.1
5°	0.0	6.0	16.3	28.4	43.0	56.7	72.6	87.5	102.3	118.0	134.2
2.5°	0.0	6.0	16.4	28.4	43.1	56.7	72.9	87.8	102.7	118.7	135.1
0°	0.0	6.0	16.4	28.3	43.2	56.6	73.0	87.9	102.8	119.2	135.6
-2.5°	0.0	6.0	16.4	28.4	43.1	56.7	72.9	87.8	102.7	118.7	135.1
-5°	0.0	6.0	16.3	28.4	43.0	56.7	72.6	87.5	102.3	118.0	134.2
-7.5°	0.0	5.9	16.2	28.3	42.7	56.5	72.2	87.0	101.7	117.0	133.1
-10°	0.0	5.9	16.1	28.1	42.3	56.2	71.5	86.3	100.9	115.8	131.6
-12.5°	0.0	5.9	15.9	27.9	41.8	55.7	70.8	85.4	99.9	114.4	130.2
-15°	0.0	5.8	15.7	27.6	41.3	55.1	69.8	84.2	98.7	113.2	128.7
-17.5°	0.0	5.7	15.4	27.2	40.6	54.3	68.7	83.1	97.4	111.8	126.9
-20°	0.0	5.6	15.1	26.8	39.8	53.4	67.6	81.8	96.0	110.1	124.8

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Scaled Data Report



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CATALOG NUMBER: GFLD-SA1D-740-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	5.5	14.8	26.2	39.0	52.3	66.3	80.3	94.3	108.2	122.4
-25°	0.0	5.4	14.4	25.6	38.0	51.1	64.8	78.6	92.3	106.0	119.7
-27.5°	0.0	5.3	14.0	24.9	37.0	49.7	63.1	76.8	90.2	103.6	117.0
-30°	0.0	5.2	13.6	24.2	36.0	48.2	61.3	74.8	87.9	101.0	114.0
-32.5°	0.0	5.1	13.1	23.3	34.8	46.6	59.2	72.5	85.3	98.1	110.8
-35°	0.0	4.9	12.6	22.4	33.5	44.8	57.1	69.9	82.6	95.0	107.3
-37.5°	0.0	4.8	12.1	21.4	32.1	43.0	54.9	67.2	79.7	91.7	103.7
-40°	0.0	4.6	11.5	20.3	30.6	41.1	52.5	64.3	76.6	88.2	99.9
-42.5°	0.0	4.4	10.9	19.2	29.0	39.2	50.0	61.1	73.1	84.5	95.9
-45°	0.0	4.2	10.3	18.0	27.4	37.1	47.3	57.9	69.3	80.6	91.7
-47.5°	0.0	4.1	9.6	16.7	25.7	34.9	44.5	54.7	65.2	76.5	87.0
-50°	0.0	3.9	9.0	15.6	24.0	32.6	41.8	51.3	61.1	71.8	82.2
-52.5°	0.0	3.7	8.3	14.6	22.1	30.2	38.8	47.8	57.0	66.9	77.0
-55°	0.0	3.4	7.5	13.5	20.2	27.8	35.8	44.2	52.9	61.9	71.4
-57.5°	0.0	3.2	6.8	12.3	18.3	25.4	32.7	40.5	48.6	56.9	65.6
-60°	0.0	3.0	6.0	11.2	16.3	22.9	29.5	36.7	44.2	51.8	59.8
-62.5°	0.0	2.8	5.5	10.0	14.7	20.3	26.4	32.8	39.7	46.6	53.9
-65°	0.0	2.5	5.1	8.8	13.1	17.7	23.3	28.9	35.1	41.4	47.7
-67.5°	0.0	2.3	4.6	7.5	11.5	15.4	20.1	25.2	30.5	36.2	41.8
-70°	0.0	2.1	4.1	6.2	9.8	13.3	16.8	21.5	26.2	30.9	35.9
-72.5°	0.0	1.8	3.6	5.4	8.1	11.1	14.2	17.7	21.9	26.0	30.1
-75°	0.0	1.6	3.1	4.6	6.3	9.0	11.6	14.4	17.5	21.1	24.6
-77.5°	0.0	1.3	2.6	3.9	5.2	6.8	9.0	11.3	13.7	16.3	19.2
-80°	0.0	1.0	2.1	3.1	4.1	5.2	6.3	8.1	10.0	12.0	14.1
-82.5°	0.0	0.8	1.6	2.3	3.1	3.9	4.6	5.4	6.3	7.7	9.1
-85°	0.0	0.5	1.0	1.6	2.1	2.6	3.1	3.6	4.1	4.6	5.1
-87.5°	0.0	0.3	0.5	0.8	1.0	1.3	1.6	1.8	2.1	2.3	2.5
-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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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°	2.8	3.0	3.2	3.4	3.7	3.9	4.1	4.2	4.4	4.6	4.8
85°	5.5	6.0	6.9	7.7	8.6	9.4	10.2	10.9	11.6	12.3	13.0
82.5°	10.5	11.9	13.2	14.5	15.8	17.0	18.2	19.3	20.4	21.4	22.4
80°	16.0	17.8	19.6	21.3	23.0	24.6	26.2	27.7	29.1	30.7	32.3
77.5°	21.8	24.1	26.2	28.1	30.2	32.8	35.2	37.6	39.8	42.0	44.0
75°	27.7	30.3	33.3	36.1	39.1	42.2	45.1	48.0	50.8	53.6	56.4
72.5°	34.0	37.6	41.1	44.5	48.3	52.0	55.4	58.5	62.0	65.8	69.4
70°	40.6	44.8	49.2	53.6	57.8	62.0	66.2	70.4	74.7	78.9	82.8
67.5°	47.3	52.5	57.6	62.6	67.4	72.4	77.4	82.5	87.4	92.2	96.7
65°	54.4	60.2	65.9	71.5	76.9	83.0	88.9	94.6	100.9	106.6	111.7
62.5°	61.3	67.8	74.2	80.5	87.0	93.7	100.6	107.8	115.2	120.6	125.2
60°	67.9	75.3	82.4	89.6	96.9	104.5	112.4	120.0	126.8	132.7	137.6
57.5°	74.4	82.7	90.5	98.4	106.4	115.0	123.7	131.5	137.8	143.5	148.8
55°	80.7	89.9	98.2	106.6	115.7	125.7	134.6	141.7	148.2	152.8	157.9
52.5°	86.7	96.5	105.2	114.6	125.0	135.4	144.3	151.1	156.6	161.4	166.4
50°	92.4	102.3	112.0	122.6	133.6	144.1	153.0	159.3	164.8	169.8	174.6
47.5°	97.6	107.9	118.8	130.2	141.7	152.0	160.6	167.0	172.7	177.8	183.1
45°	102.5	113.5	125.1	137.6	149.4	159.6	167.4	174.3	179.7	185.5	192.1
42.5°	107.2	119.0	131.6	144.9	156.9	166.3	173.8	180.4	186.7	193.6	201.0
40°	111.8	124.1	137.7	151.6	163.9	172.0	179.6	186.6	193.8	201.7	209.8
37.5°	116.1	129.3	143.4	158.0	169.1	177.5	185.3	193.1	201.2	209.8	219.8
35°	120.0	134.0	148.9	163.0	173.6	182.8	191.1	199.6	208.8	219.2	230.2
32.5°	123.8	138.4	154.0	167.2	177.7	187.5	196.8	206.4	216.9	228.3	240.8
30°	127.6	142.6	158.4	171.4	181.4	191.4	202.3	213.0	224.6	237.3	252.1
27.5°	131.3	146.6	162.1	174.8	184.6	194.9	206.6	219.6	232.2	246.1	263.2
25°	134.6	150.6	165.8	177.5	187.4	198.2	210.3	224.2	239.1	255.6	276.6
22.5°	137.8	154.3	169.3	179.7	189.8	201.0	214.1	228.7	244.9	264.1	289.7
20°	140.8	157.2	171.6	181.8	191.7	203.3	217.4	232.8	251.3	274.6	305.2
17.5°	143.3	159.6	173.2	183.6	193.7	205.7	220.2	236.2	257.0	283.8	320.0
15°	145.6	161.6	174.6	184.9	195.4	208.1	223.0	240.5	263.2	292.8	332.8
12.5°	147.4	163.1	175.8	185.8	196.8	209.9	225.4	244.6	269.5	302.6	350.0
10°	148.8	164.2	176.7	186.4	197.7	211.0	227.3	247.8	274.6	310.8	364.8
7.5°	150.2	165.2	177.3	186.7	198.2	211.6	228.7	250.1	278.3	316.9	376.6
5°	151.2	166.2	177.7	187.2	198.6	211.9	229.6	251.4	280.6	321.0	384.9
2.5°	151.8	166.7	177.7	187.6	198.6	212.0	230.6	252.2	283.1	324.4	389.6
0°	152.0	166.9	177.4	187.8	198.2	211.7	231.0	251.9	284.7	326.4	390.5
-2.5°	151.8	166.7	177.7	187.6	198.6	212.0	230.6	252.2	283.1	324.4	389.6
-5°	151.2	166.2	177.7	187.2	198.6	211.9	229.6	251.4	280.6	321.0	384.9
-7.5°	150.2	165.2	177.3	186.7	198.2	211.6	228.7	250.1	278.3	316.9	376.6
-10°	148.8	164.2	176.7	186.4	197.7	211.0	227.3	247.8	274.6	310.8	364.8
-12.5°	147.4	163.1	175.8	185.8	196.8	209.9	225.4	244.6	269.5	302.6	350.0
-15°	145.6	161.6	174.6	184.9	195.4	208.1	223.0	240.5	263.2	292.8	332.8
-17.5°	143.3	159.6	173.2	183.6	193.7	205.7	220.2	236.2	257.0	283.8	320.0
-20°	140.8	157.2	171.6	181.8	191.7	203.3	217.4	232.8	251.3	274.6	305.2

Classified

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

Scaled Data Report



REPORT NUMBER: P626745 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA1D-740-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°	137.8	154.3	169.3	179.7	189.8	201.0	214.1	228.7	244.9	264.1	289.7
-25°	134.6	150.6	165.8	177.5	187.4	198.2	210.3	224.2	239.1	255.6	276.6
-27.5°	131.3	146.6	162.1	174.8	184.6	194.9	206.6	219.6	232.2	246.1	263.2
-30°	127.6	142.6	158.4	171.4	181.4	191.4	202.3	213.0	224.6	237.3	252.1
-32.5°	123.8	138.4	154.0	167.2	177.7	187.5	196.8	206.4	216.9	228.3	240.8
-35°	120.0	134.0	148.9	163.0	173.6	182.8	191.1	199.6	208.8	219.2	230.2
-37.5°	116.1	129.3	143.4	158.0	169.1	177.5	185.3	193.1	201.2	209.8	219.8
-40°	111.8	124.1	137.7	151.6	163.9	172.0	179.6	186.6	193.8	201.7	209.8
-42.5°	107.2	119.0	131.6	144.9	156.9	166.3	173.8	180.4	186.7	193.6	201.0
-45°	102.5	113.5	125.1	137.6	149.4	159.6	167.4	174.3	179.7	185.5	192.1
-47.5°	97.6	107.9	118.8	130.2	141.7	152.0	160.6	167.0	172.7	177.8	183.1
-50°	92.4	102.3	112.0	122.6	133.6	144.1	153.0	159.3	164.8	169.8	174.6
-52.5°	86.7	96.5	105.2	114.6	125.0	135.4	144.3	151.1	156.6	161.4	166.4
-55°	80.7	89.9	98.2	106.6	115.7	125.7	134.6	141.7	148.2	152.8	157.9
-57.5°	74.4	82.7	90.5	98.4	106.4	115.0	123.7	131.5	137.8	143.5	148.8
-60°	67.9	75.3	82.4	89.6	96.9	104.5	112.4	120.0	126.8	132.7	137.6
-62.5°	61.3	67.8	74.2	80.5	87.0	93.7	100.6	107.8	115.2	120.6	125.2
-65°	54.4	60.2	65.9	71.5	76.9	83.0	88.9	94.6	100.9	106.6	111.7
-67.5°	47.3	52.5	57.6	62.6	67.4	72.4	77.4	82.5	87.4	92.2	96.7
-70°	40.6	44.8	49.2	53.6	57.8	62.0	66.2	70.4	74.7	78.9	82.8
-72.5°	34.0	37.6	41.1	44.5	48.3	52.0	55.4	58.5	62.0	65.8	69.4
-75°	27.7	30.3	33.3	36.1	39.1	42.2	45.1	48.0	50.8	53.6	56.4
-77.5°	21.8	24.1	26.2	28.1	30.2	32.8	35.2	37.6	39.8	42.0	44.0
-80°	16.0	17.8	19.6	21.3	23.0	24.6	26.2	27.7	29.1	30.7	32.3
-82.5°	10.5	11.9	13.2	14.5	15.8	17.0	18.2	19.3	20.4	21.4	22.4
-85°	5.5	6.0	6.9	7.7	8.6	9.4	10.2	10.9	11.6	12.3	13.0
-87.5°	2.8	3.0	3.2	3.4	3.7	3.9	4.1	4.2	4.4	4.6	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: P626745 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA1D-740-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°	4.9	5.1	5.2	5.3	5.4	5.5	5.6	5.7	5.8	5.9	5.9
85°	13.6	14.2	14.7	15.2	15.7	15.8	15.8	15.8	15.7	15.9	16.1
82.5°	23.3	24.4	25.4	26.5	27.5	27.9	28.1	28.3	28.4	28.8	29.2
80°	33.8	35.5	37.0	38.4	39.6	40.5	41.3	42.0	42.7	43.0	43.1
77.5°	46.1	48.1	50.0	51.7	53.3	54.6	55.6	56.4	57.1	57.5	57.7
75°	59.3	61.8	64.1	66.2	68.1	69.4	70.4	71.1	71.5	72.0	72.4
72.5°	72.6	75.5	78.2	80.7	82.9	84.5	85.5	86.4	87.1	87.6	87.8
70°	86.6	90.1	93.0	95.5	97.5	99.0	100.2	101.1	101.8	102.3	102.6
67.5°	101.1	104.8	107.6	109.8	111.6	113.1	114.6	115.7	116.4	117.1	117.8
65°	115.9	119.6	122.5	124.8	126.7	128.7	130.6	132.0	132.9	133.7	134.6
62.5°	129.8	134.0	137.3	140.4	143.5	146.4	148.1	149.4	150.3	151.2	152.1
60°	142.4	147.2	151.2	155.0	158.8	162.6	164.1	165.3	166.5	167.6	168.6
57.5°	153.6	158.7	163.6	167.3	170.9	174.5	176.9	178.3	179.1	179.6	180.1
55°	163.3	168.4	173.3	177.6	181.5	185.1	187.9	189.2	190.2	190.8	191.2
52.5°	172.1	177.5	182.7	187.4	191.7	195.6	199.0	200.9	202.4	203.4	203.8
50°	180.6	186.5	192.2	197.2	202.1	206.9	211.2	213.7	215.5	216.6	217.0
47.5°	189.5	196.0	202.1	208.0	213.6	219.2	224.3	227.7	230.3	232.2	233.6
45°	198.9	205.8	212.6	219.5	226.0	233.1	239.6	244.7	248.4	251.6	254.2
42.5°	208.3	216.1	223.9	232.7	241.5	249.7	257.5	264.1	270.2	276.1	280.7
40°	218.5	227.0	237.6	248.1	259.0	268.6	279.9	290.0	299.3	309.4	317.7
37.5°	229.7	240.6	253.1	265.8	279.9	293.6	309.5	325.0	338.6	356.2	370.4
35°	241.8	255.6	270.5	287.4	305.6	327.2	349.3	375.3	397.3	425.4	451.2
32.5°	255.3	271.6	290.9	314.1	338.7	373.3	405.8	449.8	487.5	536.1	589.1
30°	269.1	290.2	316.3	346.3	388.0	437.1	494.4	568.8	649.3	732.7	844.8
27.5°	285.4	312.7	345.4	391.8	454.1	522.1	638.7	764.6	940.0	1078.9	1326.2
25°	303.0	336.8	385.1	452.3	538.4	675.9	872.8	1100.7	1451.8	1764.0	2122.8
22.5°	323.8	369.8	433.7	521.6	671.8	908.4	1215.7	1683.8	2204.2	2717.7	3187.1
20°	345.9	401.3	490.8	634.0	866.1	1208.2	1756.4	2425.3	3116.1	3820.0	4413.1
17.5°	371.6	447.0	564.7	755.0	1086.1	1671.9	2404.1	3254.7	4157.2	5055.2	5835.4
15°	393.7	486.9	645.4	930.3	1424.1	2156.9	3056.8	4131.0	5265.9	6431.5	7694.7
12.5°	421.9	534.9	728.5	1075.4	1724.1	2676.4	3777.6	5024.8	6410.7	7958.2	9927.6
10°	447.8	585.3	837.9	1307.7	2084.6	3161.8	4400.2	5815.2	7612.8	9938.4	12314.0
7.5°	468.5	625.2	922.7	1488.9	2387.0	3576.4	4960.8	6657.3	8900.0	11669.3	14383.5
5°	482.9	652.9	983.4	1625.9	2630.2	3893.3	5358.7	7278.0	9984.9	13086.1	15857.5
2.5°	492.0	668.1	1013.1	1707.3	2788.8	4084.1	5606.9	7672.6	10649.8	13987.9	16793.9
0°	496.3	670.7	994.2	1746.9	2811.1	4070.6	5629.6	7804.3	10807.6	14232.8	17027.5
-2.5°	492.0	668.1	1013.1	1707.3	2788.8	4084.1	5606.9	7672.6	10649.8	13987.9	16793.9
-5°	482.9	652.9	983.4	1625.9	2630.2	3893.3	5358.7	7278.0	9984.9	13086.1	15857.5
-7.5°	468.5	625.2	922.7	1488.9	2387.0	3576.4	4960.8	6657.3	8900.0	11669.3	14383.5
-10°	447.8	585.3	837.9	1307.7	2084.6	3161.8	4400.2	5815.2	7612.8	9938.4	12314.0
-12.5°	421.9	534.9	728.5	1075.4	1724.1	2676.4	3777.6	5024.8	6410.7	7958.2	9927.6
-15°	393.7	486.9	645.4	930.3	1424.1	2156.9	3056.8	4131.0	5265.9	6431.5	7694.7
-17.5°	371.6	447.0	564.7	755.0	1086.1	1671.9	2404.1	3254.7	4157.2	5055.2	5835.4
-20°	345.9	401.3	490.8	634.0	866.1	1208.2	1756.4	2425.3	3116.1	3820.0	4413.1

Classified

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

Scaled Data Report



REPORT NUMBER: P626745 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA1D-740-U-MR-XX

CANDELA DISTRIBUTION (continued):

	-35°	-32.5°	-30°	-27.5°	-25°	-22.5°	-20°	-17.5°	-15°	-12.5°	-10°
-22.5°	323.8	369.8	433.7	521.6	671.8	908.4	1215.7	1683.8	2204.2	2717.7	3187.1
-25°	303.0	336.8	385.1	452.3	538.4	675.9	872.8	1100.7	1451.8	1764.0	2122.8
-27.5°	285.4	312.7	345.4	391.8	454.1	522.1	638.7	764.6	940.0	1078.9	1326.2
-30°	269.1	290.2	316.3	346.3	388.0	437.1	494.4	568.8	649.3	732.7	844.8
-32.5°	255.3	271.6	290.9	314.1	338.7	373.3	405.8	449.8	487.5	536.1	589.1
-35°	241.8	255.6	270.5	287.4	305.6	327.2	349.3	375.3	397.3	425.4	451.2
-37.5°	229.7	240.6	253.1	265.8	279.9	293.6	309.5	325.0	338.6	356.2	370.4
-40°	218.5	227.0	237.6	248.1	259.0	268.6	279.9	290.0	299.3	309.4	317.7
-42.5°	208.3	216.1	223.9	232.7	241.5	249.7	257.5	264.1	270.2	276.1	280.7
-45°	198.9	205.8	212.6	219.5	226.0	233.1	239.6	244.7	248.4	251.6	254.2
-47.5°	189.5	196.0	202.1	208.0	213.6	219.2	224.3	227.7	230.3	232.2	233.6
-50°	180.6	186.5	192.2	197.2	202.1	206.9	211.2	213.7	215.5	216.6	217.0
-52.5°	172.1	177.5	182.7	187.4	191.7	195.6	199.0	200.9	202.4	203.4	203.8
-55°	163.3	168.4	173.3	177.6	181.5	185.1	187.9	189.2	190.2	190.8	191.2
-57.5°	153.6	158.7	163.6	167.3	170.9	174.5	176.9	178.3	179.1	179.6	180.1
-60°	142.4	147.2	151.2	155.0	158.8	162.6	164.1	165.3	166.5	167.6	168.6
-62.5°	129.8	134.0	137.3	140.4	143.5	146.4	148.1	149.4	150.3	151.2	152.1
-65°	115.9	119.6	122.5	124.8	126.7	128.7	130.6	132.0	132.9	133.7	134.6
-67.5°	101.1	104.8	107.6	109.8	111.6	113.1	114.6	115.7	116.4	117.1	117.8
-70°	86.6	90.1	93.0	95.5	97.5	99.0	100.2	101.1	101.8	102.3	102.6
-72.5°	72.6	75.5	78.2	80.7	82.9	84.5	85.5	86.4	87.1	87.6	87.8
-75°	59.3	61.8	64.1	66.2	68.1	69.4	70.4	71.1	71.5	72.0	72.4
-77.5°	46.1	48.1	50.0	51.7	53.3	54.6	55.6	56.4	57.1	57.5	57.7
-80°	33.8	35.5	37.0	38.4	39.6	40.5	41.3	42.0	42.7	43.0	43.1
-82.5°	23.3	24.4	25.4	26.5	27.5	27.9	28.1	28.3	28.4	28.8	29.2
-85°	13.6	14.2	14.7	15.2	15.7	15.8	15.8	15.8	15.7	15.9	16.1
-87.5°	4.9	5.1	5.2	5.3	5.4	5.5	5.6	5.7	5.8	5.9	5.9
-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: P626745 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA1D-740-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°	5.9	6.0	6.0	6.0	6.0	6.0	5.9	5.9	5.9	5.8	5.7
85°	16.2	16.3	16.4	16.4	16.4	16.3	16.2	16.1	15.9	15.7	15.8
82.5°	29.5	29.6	29.8	29.8	29.8	29.6	29.5	29.2	28.8	28.4	28.3
80°	43.1	43.0	43.1	43.2	43.1	43.0	43.1	43.1	43.0	42.7	42.0
77.5°	57.9	57.8	58.0	58.1	58.0	57.8	57.9	57.7	57.5	57.1	56.4
75°	72.6	72.7	72.9	73.0	72.9	72.7	72.6	72.4	72.0	71.5	71.1
72.5°	87.8	87.6	87.8	87.9	87.8	87.6	87.8	87.8	87.6	87.1	86.4
70°	102.6	102.4	103.4	104.3	103.4	102.4	102.6	102.6	102.3	101.8	101.1
67.5°	118.4	118.7	119.7	120.7	119.7	118.7	118.4	117.8	117.1	116.4	115.7
65°	135.0	135.1	136.1	137.1	136.1	135.1	135.0	134.6	133.7	132.9	132.0
62.5°	152.7	152.9	154.0	155.0	154.0	152.9	152.7	152.1	151.2	150.3	149.4
60°	169.1	169.3	169.7	169.9	169.7	169.3	169.1	168.6	167.6	166.5	165.3
57.5°	180.2	180.1	180.3	180.4	180.3	180.1	180.2	180.1	179.6	179.1	178.3
55°	191.1	190.6	190.1	189.3	190.1	190.6	191.1	191.2	190.8	190.2	189.2
52.5°	203.5	202.7	201.9	201.2	201.9	202.7	203.5	203.8	203.4	202.4	200.9
50°	216.8	216.0	215.3	214.6	215.3	216.0	216.8	217.0	216.6	215.5	213.7
47.5°	234.5	234.8	234.6	234.0	234.6	234.8	234.5	233.6	232.2	230.3	227.7
45°	256.0	256.9	257.0	256.4	257.0	256.9	256.0	254.2	251.6	248.4	244.7
42.5°	284.0	285.9	287.0	287.7	287.0	285.9	284.0	280.7	276.1	270.2	264.1
40°	323.8	327.7	330.1	332.4	330.1	327.7	323.8	317.7	309.4	299.3	290.0
37.5°	380.9	387.8	390.9	389.0	390.9	387.8	380.9	370.4	356.2	338.6	325.0
35°	471.1	484.4	491.3	491.9	491.3	484.4	471.1	451.2	425.4	397.3	375.3
32.5°	628.3	655.5	670.2	672.2	670.2	655.5	628.3	589.1	536.1	487.5	449.8
30°	930.7	986.2	1012.3	1006.1	1012.3	986.2	930.7	844.8	732.7	649.3	568.8
27.5°	1518.5	1656.9	1738.8	1745.4	1738.8	1656.9	1518.5	1326.2	1078.9	940.0	764.6
25°	2440.6	2676.8	2828.1	2830.5	2828.1	2676.8	2440.6	2122.8	1764.0	1451.8	1100.7
22.5°	3621.2	3943.6	4120.2	4151.1	4120.2	3943.6	3621.2	3187.1	2717.7	2204.2	1683.8
20°	4988.9	5417.8	5647.2	5647.5	5647.2	5417.8	4988.9	4413.1	3820.0	3116.1	2425.3
17.5°	6673.4	7369.7	7806.9	7995.1	7806.9	7369.7	6673.4	5835.4	5055.2	4157.2	3254.7
15°	8911.2	10081.4	10782.6	10909.0	10782.6	10081.4	8911.2	7694.7	6431.5	5265.9	4131.0
12.5°	11635.9	13116.9	14112.4	14477.3	14112.4	13116.9	11635.9	9927.6	7958.2	6410.7	5024.8
10°	14480.8	15853.0	16919.5	17277.9	16919.5	15853.0	14480.8	12314.0	9938.4	7612.8	5815.2
7.5°	16536.0	18172.3	19373.7	19901.2	19373.7	18172.3	16536.0	14383.5	11669.3	8900.0	6657.3
5°	18158.4	20094.6	21212.9	21709.2	21212.9	20094.6	18158.4	15857.5	13086.1	9984.9	7278.0
2.5°	19223.0	21136.0	22320.2	22777.9	22320.2	21136.0	19223.0	16793.9	13987.9	10649.8	7672.6
0°	19621.0	21491.6	22661.6	23220.5	22661.6	21491.6	19621.0	17027.5	14232.8	10807.6	7804.3
-2.5°	19223.0	21136.0	22320.2	22777.9	22320.2	21136.0	19223.0	16793.9	13987.9	10649.8	7672.6
-5°	18158.4	20094.6	21212.9	21709.2	21212.9	20094.6	18158.4	15857.5	13086.1	9984.9	7278.0
-7.5°	16536.0	18172.3	19373.7	19901.2	19373.7	18172.3	16536.0	14383.5	11669.3	8900.0	6657.3
-10°	14480.8	15853.0	16919.5	17277.9	16919.5	15853.0	14480.8	12314.0	9938.4	7612.8	5815.2
-12.5°	11635.9	13116.9	14112.4	14477.3	14112.4	13116.9	11635.9	9927.6	7958.2	6410.7	5024.8
-15°	8911.2	10081.4	10782.6	10909.0	10782.6	10081.4	8911.2	7694.7	6431.5	5265.9	4131.0
-17.5°	6673.4	7369.7	7806.9	7995.1	7806.9	7369.7	6673.4	5835.4	5055.2	4157.2	3254.7
-20°	4988.9	5417.8	5647.2	5647.5	5647.2	5417.8	4988.9	4413.1	3820.0	3116.1	2425.3



REPORT NUMBER: P626745 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA1D-740-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°	3621.2	3943.6	4120.2	4151.1	4120.2	3943.6	3621.2	3187.1	2717.7	2204.2	1683.8
-25°	2440.6	2676.8	2828.1	2830.5	2828.1	2676.8	2440.6	2122.8	1764.0	1451.8	1100.7
-27.5°	1518.5	1656.9	1738.8	1745.4	1738.8	1656.9	1518.5	1326.2	1078.9	940.0	764.6
-30°	930.7	986.2	1012.3	1006.1	1012.3	986.2	930.7	844.8	732.7	649.3	568.8
-32.5°	628.3	655.5	670.2	672.2	670.2	655.5	628.3	589.1	536.1	487.5	449.8
-35°	471.1	484.4	491.3	491.9	491.3	484.4	471.1	451.2	425.4	397.3	375.3
-37.5°	380.9	387.8	390.9	389.0	390.9	387.8	380.9	370.4	356.2	338.6	325.0
-40°	323.8	327.7	330.1	332.4	330.1	327.7	323.8	317.7	309.4	299.3	290.0
-42.5°	284.0	285.9	287.0	287.7	287.0	285.9	284.0	280.7	276.1	270.2	264.1
-45°	256.0	256.9	257.0	256.4	257.0	256.9	256.0	254.2	251.6	248.4	244.7
-47.5°	234.5	234.8	234.6	234.0	234.6	234.8	234.5	233.6	232.2	230.3	227.7
-50°	216.8	216.0	215.3	214.6	215.3	216.0	216.8	217.0	216.6	215.5	213.7
-52.5°	203.5	202.7	201.9	201.2	201.9	202.7	203.5	203.8	203.4	202.4	200.9
-55°	191.1	190.6	190.1	189.3	190.1	190.6	191.1	191.2	190.8	190.2	189.2
-57.5°	180.2	180.1	180.3	180.4	180.3	180.1	180.2	180.1	179.6	179.1	178.3
-60°	169.1	169.3	169.7	169.9	169.7	169.3	169.1	168.6	167.6	166.5	165.3
-62.5°	152.7	152.9	154.0	155.0	154.0	152.9	152.7	152.1	151.2	150.3	149.4
-65°	135.0	135.1	136.1	137.1	136.1	135.1	135.0	134.6	133.7	132.9	132.0
-67.5°	118.4	118.7	119.7	120.7	119.7	118.7	118.4	117.8	117.1	116.4	115.7
-70°	102.6	102.4	103.4	104.3	103.4	102.4	102.6	102.6	102.3	101.8	101.1
-72.5°	87.8	87.6	87.8	87.9	87.8	87.6	87.8	87.8	87.6	87.1	86.4
-75°	72.6	72.7	72.9	73.0	72.9	72.7	72.6	72.4	72.0	71.5	71.1
-77.5°	57.9	57.8	58.0	58.1	58.0	57.8	57.9	57.7	57.5	57.1	56.4
-80°	43.1	43.0	43.1	43.2	43.1	43.0	43.1	43.1	43.0	42.7	42.0
-82.5°	29.5	29.6	29.8	29.8	29.8	29.6	29.5	29.2	28.8	28.4	28.3
-85°	16.2	16.3	16.4	16.4	16.4	16.3	16.2	16.1	15.9	15.7	15.8
-87.5°	5.9	6.0	6.0	6.0	6.0	6.0	5.9	5.9	5.9	5.8	5.7
-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: P626745 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA1D-740-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°	5.6	5.5	5.4	5.3	5.2	5.1	4.9	4.8	4.6	4.4	4.2
85°	15.8	15.8	15.7	15.2	14.7	14.2	13.6	13.0	12.3	11.6	10.9
82.5°	28.1	27.9	27.5	26.5	25.4	24.4	23.3	22.4	21.4	20.4	19.3
80°	41.3	40.5	39.6	38.4	37.0	35.5	33.8	32.3	30.7	29.1	27.7
77.5°	55.6	54.6	53.3	51.7	50.0	48.1	46.1	44.0	42.0	39.8	37.6
75°	70.4	69.4	68.1	66.2	64.1	61.8	59.3	56.4	53.6	50.8	48.0
72.5°	85.5	84.5	82.9	80.7	78.2	75.5	72.6	69.4	65.8	62.0	58.5
70°	100.2	99.0	97.5	95.5	93.0	90.1	86.6	82.8	78.9	74.7	70.4
67.5°	114.6	113.1	111.6	109.8	107.6	104.8	101.1	96.7	92.2	87.4	82.5
65°	130.6	128.7	126.7	124.8	122.5	119.6	115.9	111.7	106.6	100.9	94.6
62.5°	148.1	146.4	143.5	140.4	137.3	134.0	129.8	125.2	120.6	115.2	107.8
60°	164.1	162.6	158.8	155.0	151.2	147.2	142.4	137.6	132.7	126.8	120.0
57.5°	176.9	174.5	170.9	167.3	163.6	158.7	153.6	148.8	143.5	137.8	131.5
55°	187.9	185.1	181.5	177.6	173.3	168.4	163.3	157.9	152.8	148.2	141.7
52.5°	199.0	195.6	191.7	187.4	182.7	177.5	172.1	166.4	161.4	156.6	151.1
50°	211.2	206.9	202.1	197.2	192.2	186.5	180.6	174.6	169.8	164.8	159.3
47.5°	224.3	219.2	213.6	208.0	202.1	196.0	189.5	183.1	177.8	172.7	167.0
45°	239.6	233.1	226.0	219.5	212.6	205.8	198.9	192.1	185.5	179.7	174.3
42.5°	257.5	249.7	241.5	232.7	223.9	216.1	208.3	201.0	193.6	186.7	180.4
40°	279.9	268.6	259.0	248.1	237.6	227.0	218.5	209.8	201.7	193.8	186.6
37.5°	309.5	293.6	279.9	265.8	253.1	240.6	229.7	219.8	209.8	201.2	193.1
35°	349.3	327.2	305.6	287.4	270.5	255.6	241.8	230.2	219.2	208.8	199.6
32.5°	405.8	373.3	338.7	314.1	290.9	271.6	255.3	240.8	228.3	216.9	206.4
30°	494.4	437.1	388.0	346.3	316.3	290.2	269.1	252.1	237.3	224.6	213.0
27.5°	638.7	522.1	454.1	391.8	345.4	312.7	285.4	263.2	246.1	232.2	219.6
25°	872.8	675.9	538.4	452.3	385.1	336.8	303.0	276.6	255.6	239.1	224.2
22.5°	1215.7	908.4	671.8	521.6	433.7	369.8	323.8	289.7	264.1	244.9	228.7
20°	1756.4	1208.2	866.1	634.0	490.8	401.3	345.9	305.2	274.6	251.3	232.8
17.5°	2404.1	1671.9	1086.1	755.0	564.7	447.0	371.6	320.0	283.8	257.0	236.2
15°	3056.8	2156.9	1424.1	930.3	645.4	486.9	393.7	332.8	292.8	263.2	240.5
12.5°	3777.6	2676.4	1724.1	1075.4	728.5	534.9	421.9	350.0	302.6	269.5	244.6
10°	4400.2	3161.8	2084.6	1307.7	837.9	585.3	447.8	364.8	310.8	274.6	247.8
7.5°	4960.8	3576.4	2387.0	1488.9	922.7	625.2	468.5	376.6	316.9	278.3	250.1
5°	5358.7	3893.3	2630.2	1625.9	983.4	652.9	482.9	384.9	321.0	280.6	251.4
2.5°	5606.9	4084.1	2788.8	1707.3	1013.1	668.1	492.0	389.6	324.4	283.1	252.2
0°	5629.6	4070.6	2811.1	1746.9	994.2	670.7	496.3	390.5	326.4	284.7	251.9
-2.5°	5606.9	4084.1	2788.8	1707.3	1013.1	668.1	492.0	389.6	324.4	283.1	252.2
-5°	5358.7	3893.3	2630.2	1625.9	983.4	652.9	482.9	384.9	321.0	280.6	251.4
-7.5°	4960.8	3576.4	2387.0	1488.9	922.7	625.2	468.5	376.6	316.9	278.3	250.1
-10°	4400.2	3161.8	2084.6	1307.7	837.9	585.3	447.8	364.8	310.8	274.6	247.8
-12.5°	3777.6	2676.4	1724.1	1075.4	728.5	534.9	421.9	350.0	302.6	269.5	244.6
-15°	3056.8	2156.9	1424.1	930.3	645.4	486.9	393.7	332.8	292.8	263.2	240.5
-17.5°	2404.1	1671.9	1086.1	755.0	564.7	447.0	371.6	320.0	283.8	257.0	236.2
-20°	1756.4	1208.2	866.1	634.0	490.8	401.3	345.9	305.2	274.6	251.3	232.8

Classified

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

Scaled Data Report



REPORT NUMBER: P626745 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA1D-740-U-MR-XX

CANDELA DISTRIBUTION (continued):

	20°	22.5°	25°	27.5°	30°	32.5°	35°	37.5°	40°	42.5°	45°
-22.5°	1215.7	908.4	671.8	521.6	433.7	369.8	323.8	289.7	264.1	244.9	228.7
-25°	872.8	675.9	538.4	452.3	385.1	336.8	303.0	276.6	255.6	239.1	224.2
-27.5°	638.7	522.1	454.1	391.8	345.4	312.7	285.4	263.2	246.1	232.2	219.6
-30°	494.4	437.1	388.0	346.3	316.3	290.2	269.1	252.1	237.3	224.6	213.0
-32.5°	405.8	373.3	338.7	314.1	290.9	271.6	255.3	240.8	228.3	216.9	206.4
-35°	349.3	327.2	305.6	287.4	270.5	255.6	241.8	230.2	219.2	208.8	199.6
-37.5°	309.5	293.6	279.9	265.8	253.1	240.6	229.7	219.8	209.8	201.2	193.1
-40°	279.9	268.6	259.0	248.1	237.6	227.0	218.5	209.8	201.7	193.8	186.6
-42.5°	257.5	249.7	241.5	232.7	223.9	216.1	208.3	201.0	193.6	186.7	180.4
-45°	239.6	233.1	226.0	219.5	212.6	205.8	198.9	192.1	185.5	179.7	174.3
-47.5°	224.3	219.2	213.6	208.0	202.1	196.0	189.5	183.1	177.8	172.7	167.0
-50°	211.2	206.9	202.1	197.2	192.2	186.5	180.6	174.6	169.8	164.8	159.3
-52.5°	199.0	195.6	191.7	187.4	182.7	177.5	172.1	166.4	161.4	156.6	151.1
-55°	187.9	185.1	181.5	177.6	173.3	168.4	163.3	157.9	152.8	148.2	141.7
-57.5°	176.9	174.5	170.9	167.3	163.6	158.7	153.6	148.8	143.5	137.8	131.5
-60°	164.1	162.6	158.8	155.0	151.2	147.2	142.4	137.6	132.7	126.8	120.0
-62.5°	148.1	146.4	143.5	140.4	137.3	134.0	129.8	125.2	120.6	115.2	107.8
-65°	130.6	128.7	126.7	124.8	122.5	119.6	115.9	111.7	106.6	100.9	94.6
-67.5°	114.6	113.1	111.6	109.8	107.6	104.8	101.1	96.7	92.2	87.4	82.5
-70°	100.2	99.0	97.5	95.5	93.0	90.1	86.6	82.8	78.9	74.7	70.4
-72.5°	85.5	84.5	82.9	80.7	78.2	75.5	72.6	69.4	65.8	62.0	58.5
-75°	70.4	69.4	68.1	66.2	64.1	61.8	59.3	56.4	53.6	50.8	48.0
-77.5°	55.6	54.6	53.3	51.7	50.0	48.1	46.1	44.0	42.0	39.8	37.6
-80°	41.3	40.5	39.6	38.4	37.0	35.5	33.8	32.3	30.7	29.1	27.7
-82.5°	28.1	27.9	27.5	26.5	25.4	24.4	23.3	22.4	21.4	20.4	19.3
-85°	15.8	15.8	15.7	15.2	14.7	14.2	13.6	13.0	12.3	11.6	10.9
-87.5°	5.6	5.5	5.4	5.3	5.2	5.1	4.9	4.8	4.6	4.4	4.2
-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: P626745 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA1D-740-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°	4.1	3.9	3.7	3.4	3.2	3.0	2.8	2.5	2.3	2.1	1.8
85°	10.2	9.4	8.6	7.7	6.9	6.0	5.5	5.1	4.6	4.1	3.6
82.5°	18.2	17.0	15.8	14.5	13.2	11.9	10.5	9.1	7.7	6.3	5.4
80°	26.2	24.6	23.0	21.3	19.6	17.8	16.0	14.1	12.0	10.0	8.1
77.5°	35.2	32.8	30.2	28.1	26.2	24.1	21.8	19.2	16.3	13.7	11.3
75°	45.1	42.2	39.1	36.1	33.3	30.3	27.7	24.6	21.1	17.5	14.4
72.5°	55.4	52.0	48.3	44.5	41.1	37.6	34.0	30.1	26.0	21.9	17.7
70°	66.2	62.0	57.8	53.6	49.2	44.8	40.6	35.9	30.9	26.2	21.5
67.5°	77.4	72.4	67.4	62.6	57.6	52.5	47.3	41.8	36.2	30.5	25.2
65°	88.9	83.0	76.9	71.5	65.9	60.2	54.4	47.7	41.4	35.1	28.9
62.5°	100.6	93.7	87.0	80.5	74.2	67.8	61.3	53.9	46.6	39.7	32.8
60°	112.4	104.5	96.9	89.6	82.4	75.3	67.9	59.8	51.8	44.2	36.7
57.5°	123.7	115.0	106.4	98.4	90.5	82.7	74.4	65.6	56.9	48.6	40.5
55°	134.6	125.7	115.7	106.6	98.2	89.9	80.7	71.4	61.9	52.9	44.2
52.5°	144.3	135.4	125.0	114.6	105.2	96.5	86.7	77.0	66.9	57.0	47.8
50°	153.0	144.1	133.6	122.6	112.0	102.3	92.4	82.2	71.8	61.1	51.3
47.5°	160.6	152.0	141.7	130.2	118.8	107.9	97.6	87.0	76.5	65.2	54.7
45°	167.4	159.6	149.4	137.6	125.1	113.5	102.5	91.7	80.6	69.3	57.9
42.5°	173.8	166.3	156.9	144.9	131.6	119.0	107.2	95.9	84.5	73.1	61.1
40°	179.6	172.0	163.9	151.6	137.7	124.1	111.8	99.9	88.2	76.6	64.3
37.5°	185.3	177.5	169.1	158.0	143.4	129.3	116.1	103.7	91.7	79.7	67.2
35°	191.1	182.8	173.6	163.0	148.9	134.0	120.0	107.3	95.0	82.6	69.9
32.5°	196.8	187.5	177.7	167.2	154.0	138.4	123.8	110.8	98.1	85.3	72.5
30°	202.3	191.4	181.4	171.4	158.4	142.6	127.6	114.0	101.0	87.9	74.8
27.5°	206.6	194.9	184.6	174.8	162.1	146.6	131.3	117.0	103.6	90.2	76.8
25°	210.3	198.2	187.4	177.5	165.8	150.6	134.6	119.7	106.0	92.3	78.6
22.5°	214.1	201.0	189.8	179.7	169.3	154.3	137.8	122.4	108.2	94.3	80.3
20°	217.4	203.3	191.7	181.8	171.6	157.2	140.8	124.8	110.1	96.0	81.8
17.5°	220.2	205.7	193.7	183.6	173.2	159.6	143.3	126.9	111.8	97.4	83.1
15°	223.0	208.1	195.4	184.9	174.6	161.6	145.6	128.7	113.2	98.7	84.2
12.5°	225.4	209.9	196.8	185.8	175.8	163.1	147.4	130.2	114.4	99.9	85.4
10°	227.3	211.0	197.7	186.4	176.7	164.2	148.8	131.6	115.8	100.9	86.3
7.5°	228.7	211.6	198.2	186.7	177.3	165.2	150.2	133.1	117.0	101.7	87.0
5°	229.6	211.9	198.6	187.2	177.7	166.2	151.2	134.2	118.0	102.3	87.5
2.5°	230.6	212.0	198.6	187.6	177.7	166.7	151.8	135.1	118.7	102.7	87.8
0°	231.0	211.7	198.2	187.8	177.4	166.9	152.0	135.6	119.2	102.8	87.9
-2.5°	230.6	212.0	198.6	187.6	177.7	166.7	151.8	135.1	118.7	102.7	87.8
-5°	229.6	211.9	198.6	187.2	177.7	166.2	151.2	134.2	118.0	102.3	87.5
-7.5°	228.7	211.6	198.2	186.7	177.3	165.2	150.2	133.1	117.0	101.7	87.0
-10°	227.3	211.0	197.7	186.4	176.7	164.2	148.8	131.6	115.8	100.9	86.3
-12.5°	225.4	209.9	196.8	185.8	175.8	163.1	147.4	130.2	114.4	99.9	85.4
-15°	223.0	208.1	195.4	184.9	174.6	161.6	145.6	128.7	113.2	98.7	84.2
-17.5°	220.2	205.7	193.7	183.6	173.2	159.6	143.3	126.9	111.8	97.4	83.1
-20°	217.4	203.3	191.7	181.8	171.6	157.2	140.8	124.8	110.1	96.0	81.8

Classified

Cooper Lighting Solutions Photometric Lab
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Scaled Data Report



REPORT NUMBER: P626745 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA1D-740-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°	214.1	201.0	189.8	179.7	169.3	154.3	137.8	122.4	108.2	94.3	80.3
-25°	210.3	198.2	187.4	177.5	165.8	150.6	134.6	119.7	106.0	92.3	78.6
-27.5°	206.6	194.9	184.6	174.8	162.1	146.6	131.3	117.0	103.6	90.2	76.8
-30°	202.3	191.4	181.4	171.4	158.4	142.6	127.6	114.0	101.0	87.9	74.8
-32.5°	196.8	187.5	177.7	167.2	154.0	138.4	123.8	110.8	98.1	85.3	72.5
-35°	191.1	182.8	173.6	163.0	148.9	134.0	120.0	107.3	95.0	82.6	69.9
-37.5°	185.3	177.5	169.1	158.0	143.4	129.3	116.1	103.7	91.7	79.7	67.2
-40°	179.6	172.0	163.9	151.6	137.7	124.1	111.8	99.9	88.2	76.6	64.3
-42.5°	173.8	166.3	156.9	144.9	131.6	119.0	107.2	95.9	84.5	73.1	61.1
-45°	167.4	159.6	149.4	137.6	125.1	113.5	102.5	91.7	80.6	69.3	57.9
-47.5°	160.6	152.0	141.7	130.2	118.8	107.9	97.6	87.0	76.5	65.2	54.7
-50°	153.0	144.1	133.6	122.6	112.0	102.3	92.4	82.2	71.8	61.1	51.3
-52.5°	144.3	135.4	125.0	114.6	105.2	96.5	86.7	77.0	66.9	57.0	47.8
-55°	134.6	125.7	115.7	106.6	98.2	89.9	80.7	71.4	61.9	52.9	44.2
-57.5°	123.7	115.0	106.4	98.4	90.5	82.7	74.4	65.6	56.9	48.6	40.5
-60°	112.4	104.5	96.9	89.6	82.4	75.3	67.9	59.8	51.8	44.2	36.7
-62.5°	100.6	93.7	87.0	80.5	74.2	67.8	61.3	53.9	46.6	39.7	32.8
-65°	88.9	83.0	76.9	71.5	65.9	60.2	54.4	47.7	41.4	35.1	28.9
-67.5°	77.4	72.4	67.4	62.6	57.6	52.5	47.3	41.8	36.2	30.5	25.2
-70°	66.2	62.0	57.8	53.6	49.2	44.8	40.6	35.9	30.9	26.2	21.5
-72.5°	55.4	52.0	48.3	44.5	41.1	37.6	34.0	30.1	26.0	21.9	17.7
-75°	45.1	42.2	39.1	36.1	33.3	30.3	27.7	24.6	21.1	17.5	14.4
-77.5°	35.2	32.8	30.2	28.1	26.2	24.1	21.8	19.2	16.3	13.7	11.3
-80°	26.2	24.6	23.0	21.3	19.6	17.8	16.0	14.1	12.0	10.0	8.1
-82.5°	18.2	17.0	15.8	14.5	13.2	11.9	10.5	9.1	7.7	6.3	5.4
-85°	10.2	9.4	8.6	7.7	6.9	6.0	5.5	5.1	4.6	4.1	3.6
-87.5°	4.1	3.9	3.7	3.4	3.2	3.0	2.8	2.5	2.3	2.1	1.8
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

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REPORT NUMBER: P626745 (CONVERTED FROM TYPE C PHOTOMETRY)
CATALOG NUMBER: GFLD-SA1D-740-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°	1.6	1.3	1.0	0.8	0.5	0.3	0.0
85°	3.1	2.6	2.1	1.6	1.0	0.5	0.0
82.5°	4.6	3.9	3.1	2.3	1.6	0.8	0.0
80°	6.3	5.2	4.1	3.1	2.1	1.0	0.0
77.5°	9.0	6.8	5.2	3.9	2.6	1.3	0.0
75°	11.6	9.0	6.3	4.6	3.1	1.6	0.0
72.5°	14.2	11.1	8.1	5.4	3.6	1.8	0.0
70°	16.8	13.3	9.8	6.2	4.1	2.1	0.0
67.5°	20.1	15.4	11.5	7.5	4.6	2.3	0.0
65°	23.3	17.7	13.1	8.8	5.1	2.5	0.0
62.5°	26.4	20.3	14.7	10.0	5.5	2.8	0.0
60°	29.5	22.9	16.3	11.2	6.0	3.0	0.0
57.5°	32.7	25.4	18.3	12.3	6.8	3.2	0.0
55°	35.8	27.8	20.2	13.5	7.5	3.4	0.0
52.5°	38.8	30.2	22.1	14.6	8.3	3.7	0.0
50°	41.8	32.6	24.0	15.6	9.0	3.9	0.0
47.5°	44.5	34.9	25.7	16.7	9.6	4.1	0.0
45°	47.3	37.1	27.4	18.0	10.3	4.2	0.0
42.5°	50.0	39.2	29.0	19.2	10.9	4.4	0.0
40°	52.5	41.1	30.6	20.3	11.5	4.6	0.0
37.5°	54.9	43.0	32.1	21.4	12.1	4.8	0.0
35°	57.1	44.8	33.5	22.4	12.6	4.9	0.0
32.5°	59.2	46.6	34.8	23.3	13.1	5.1	0.0
30°	61.3	48.2	36.0	24.2	13.6	5.2	0.0
27.5°	63.1	49.7	37.0	24.9	14.0	5.3	0.0
25°	64.8	51.1	38.0	25.6	14.4	5.4	0.0
22.5°	66.3	52.3	39.0	26.2	14.8	5.5	0.0
20°	67.6	53.4	39.8	26.8	15.1	5.6	0.0
17.5°	68.7	54.3	40.6	27.2	15.4	5.7	0.0
15°	69.8	55.1	41.3	27.6	15.7	5.8	0.0
12.5°	70.8	55.7	41.8	27.9	15.9	5.9	0.0
10°	71.5	56.2	42.3	28.1	16.1	5.9	0.0
7.5°	72.2	56.5	42.7	28.3	16.2	5.9	0.0
5°	72.6	56.7	43.0	28.4	16.3	6.0	0.0
2.5°	72.9	56.7	43.1	28.4	16.4	6.0	0.0
0°	73.0	56.6	43.2	28.3	16.4	6.0	0.0
-2.5°	72.9	56.7	43.1	28.4	16.4	6.0	0.0
-5°	72.6	56.7	43.0	28.4	16.3	6.0	0.0
-7.5°	72.2	56.5	42.7	28.3	16.2	5.9	0.0
-10°	71.5	56.2	42.3	28.1	16.1	5.9	0.0
-12.5°	70.8	55.7	41.8	27.9	15.9	5.9	0.0
-15°	69.8	55.1	41.3	27.6	15.7	5.8	0.0
-17.5°	68.7	54.3	40.6	27.2	15.4	5.7	0.0
-20°	67.6	53.4	39.8	26.8	15.1	5.6	0.0

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REPORT NUMBER: P626745 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA1D-740-U-MR-XX

CANDELA DISTRIBUTION (continued):

	75°	77.5°	80°	82.5°	85°	87.5°	90°
-22.5°	66.3	52.3	39.0	26.2	14.8	5.5	0.0
-25°	64.8	51.1	38.0	25.6	14.4	5.4	0.0
-27.5°	63.1	49.7	37.0	24.9	14.0	5.3	0.0
-30°	61.3	48.2	36.0	24.2	13.6	5.2	0.0
-32.5°	59.2	46.6	34.8	23.3	13.1	5.1	0.0
-35°	57.1	44.8	33.5	22.4	12.6	4.9	0.0
-37.5°	54.9	43.0	32.1	21.4	12.1	4.8	0.0
-40°	52.5	41.1	30.6	20.3	11.5	4.6	0.0
-42.5°	50.0	39.2	29.0	19.2	10.9	4.4	0.0
-45°	47.3	37.1	27.4	18.0	10.3	4.2	0.0
-47.5°	44.5	34.9	25.7	16.7	9.6	4.1	0.0
-50°	41.8	32.6	24.0	15.6	9.0	3.9	0.0
-52.5°	38.8	30.2	22.1	14.6	8.3	3.7	0.0
-55°	35.8	27.8	20.2	13.5	7.5	3.4	0.0
-57.5°	32.7	25.4	18.3	12.3	6.8	3.2	0.0
-60°	29.5	22.9	16.3	11.2	6.0	3.0	0.0
-62.5°	26.4	20.3	14.7	10.0	5.5	2.8	0.0
-65°	23.3	17.7	13.1	8.8	5.1	2.5	0.0
-67.5°	20.1	15.4	11.5	7.5	4.6	2.3	0.0
-70°	16.8	13.3	9.8	6.2	4.1	2.1	0.0
-72.5°	14.2	11.1	8.1	5.4	3.6	1.8	0.0
-75°	11.6	9.0	6.3	4.6	3.1	1.6	0.0
-77.5°	9.0	6.8	5.2	3.9	2.6	1.3	0.0
-80°	6.3	5.2	4.1	3.1	2.1	1.0	0.0
-82.5°	4.6	3.9	3.1	2.3	1.6	0.8	0.0
-85°	3.1	2.6	2.1	1.6	1.0	0.5	0.0
-87.5°	1.6	1.3	1.0	0.8	0.5	0.3	0.0
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0

(END OF REPORT)