

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: P626749 (CONVERTED FROM TYPE C PHOTOMETRY)

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

Issue Date: 12/7/2022

Test Information

Test Method: LM-79-08
Report Number: P626749 (CONVERTED FROM TYPE C PHOTOMETRY)
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G2-2210-813-11)
Test Lab: COOPER LIGHTING SOLUTIONS
Issue Date: 12/7/2022
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: MCGRAW-EDISON
Catalog Number: GFLD-SA1D-740-U-NR-XX
Description: GALLEON FLOOD, ONE LIGHT SQAURE, NARROW SYMMETRICAL ROUND N26
Light Source: (16) 4000K CCT, 70 CRI LEDS
Ballast/Driver: -

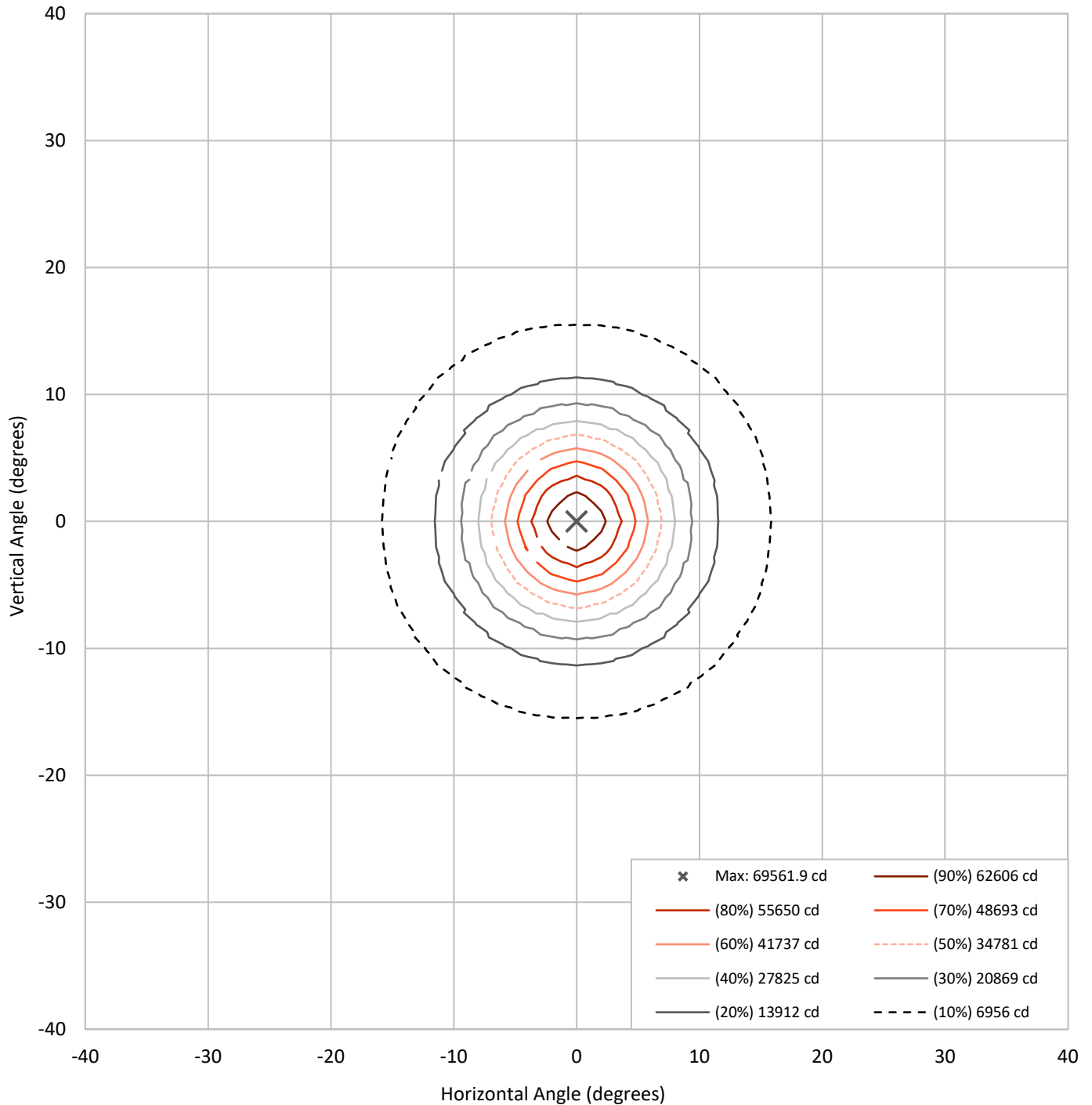
Summary

Lumens per Lamp:	N/A	NEMA Type:	3H x 3V
Luminaire Lumens:	7386.5 lumens	Max Intensity:	69561.9 candela
Efficiency:	N/A	Max Intensity Angle:	0°H x 0°V
Efficacy:	128.9 lumens/watt		
Luminous Opening:	Rectangular (W 0.5' x L: 0.5' x H: 0')		
Beam Angle (50%):	13.7°H x 13.6°V	Field Angle (10%):	31.6°H x 30.6°V
Beam Lumens:	2183.8 lumens	Field Lumens:	4914.6 lumens
Beam Efficiency:	29.6%	Field Efficiency:	66.5%
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		



REPORT NUMBER: P626749 (CONVERTED FROM TYPE C PHOTOMETRY)
CATALOG NUMBER: GFLD-SA1D-740-U-NR-XX

Iso-Candela Plot





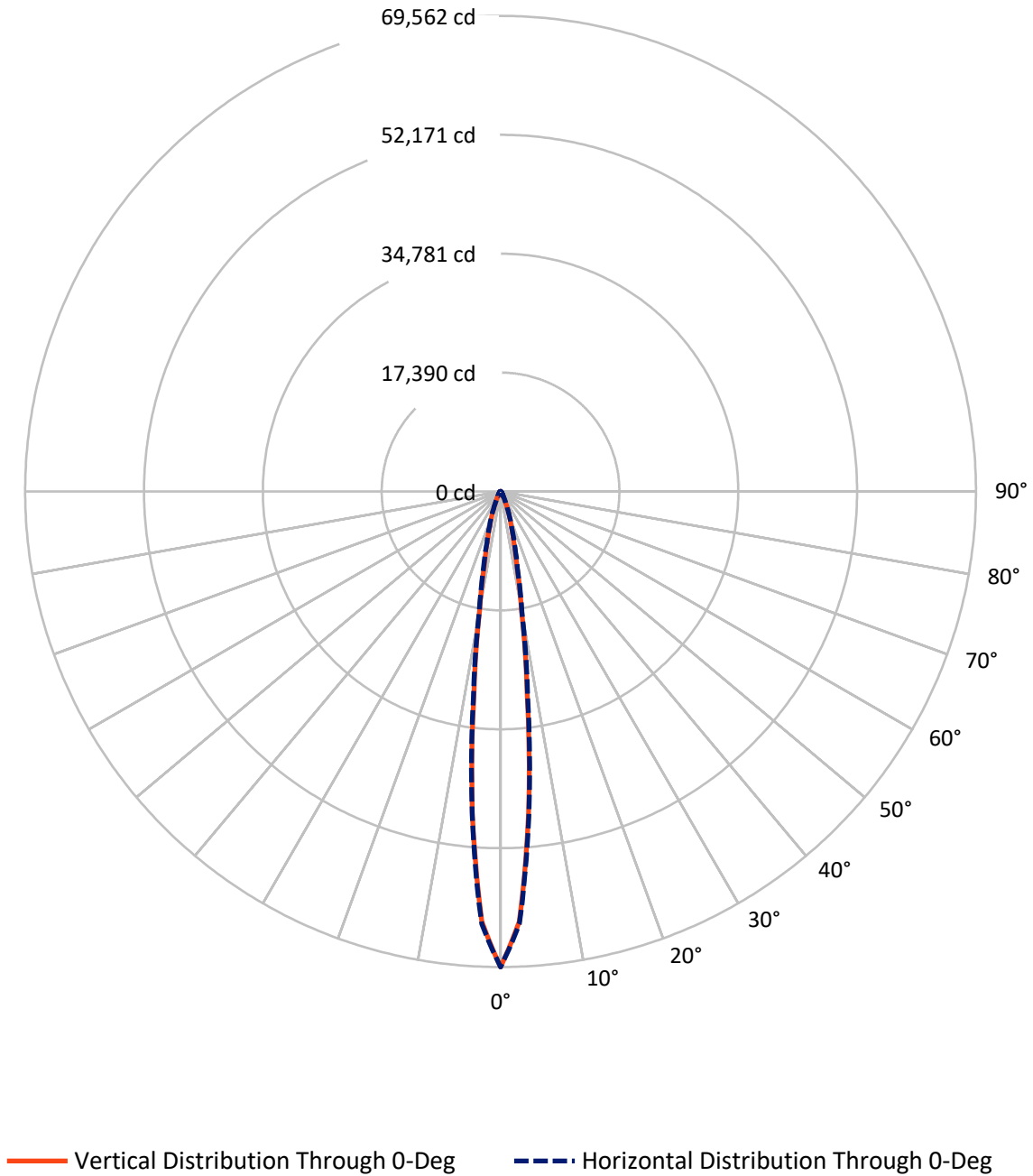
REPORT NUMBER: P626749 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA1D-740-U-NR-XX

Lumen Table

90	0.1	1.0	2.7	4.3	4.7	4.3	2.7	1.0	0.1							
80	0.1	1.0	2.7	4.3	4.7	4.3	2.7	1.0	0.1							
70	0.5	0.5	1.1	1.7	2.5	3.0	3.4	3.6	3.6	3.4	3.0	2.5	1.7	1.1	0.5	0.5
60		0.8	1.6	2.6	3.5	4.3	4.8	5.0	5.0	4.8	4.3	3.5	2.6	1.6	0.8	
50	0.8	1.0	2.1	3.2	4.3	5.4	6.3	6.8	6.8	6.3	5.4	4.3	3.2	2.1	1.0	0.8
40		1.2	2.4	3.7	5.3	7.6	10.6	13.2	13.2	10.6	7.6	5.3	3.7	2.4	1.2	
30	1.0	1.4	2.7	4.2	6.8	13.5	30.7	50.9	50.9	30.7	13.5	6.8	4.2	2.7	1.4	1.0
20		1.5	2.8	4.6	9.0	28.7	101.8	219.2	219.2	101.8	28.7	9.0	4.6	2.8	1.5	
10	1.1	1.5	2.9	4.9	10.9	47.2	221.2	955.6	955.6	221.2	47.2	10.9	4.9	2.9	1.5	1.1
0		1.5	2.9	4.9	10.9	47.2	221.2	955.6	955.6	221.2	47.2	10.9	4.9	2.9	1.5	
-10	1.0	1.5	2.8	4.6	9.0	28.7	101.8	219.2	219.2	101.8	28.7	9.0	4.6	2.8	1.5	1.0
-20		1.4	2.7	4.2	6.8	13.5	30.7	50.9	50.9	30.7	13.5	6.8	4.2	2.7	1.4	
-30	0.8	1.2	2.4	3.7	5.3	7.6	10.6	13.2	13.2	10.6	7.6	5.3	3.7	2.4	1.2	0.8
-40		1.0	2.1	3.2	4.3	5.4	6.3	6.8	6.8	6.3	5.4	4.3	3.2	2.1	1.0	
-50	0.5	0.8	1.6	2.6	3.5	4.3	4.8	5.0	5.0	4.8	4.3	3.5	2.6	1.6	0.8	0.5
-60		0.5	1.1	1.7	2.5	3.0	3.4	3.6	3.6	3.4	3.0	2.5	1.7	1.1	0.5	
-70	0.1	1.0	2.7	4.3	4.7	4.3	2.7	1.0	0.1							
-80		0.1	1.0	2.7	4.3	4.7	4.3	2.7	1.0	0.1						
-90	0.1	1.0	2.7	4.3	4.7	4.3	2.7	1.0	0.1							

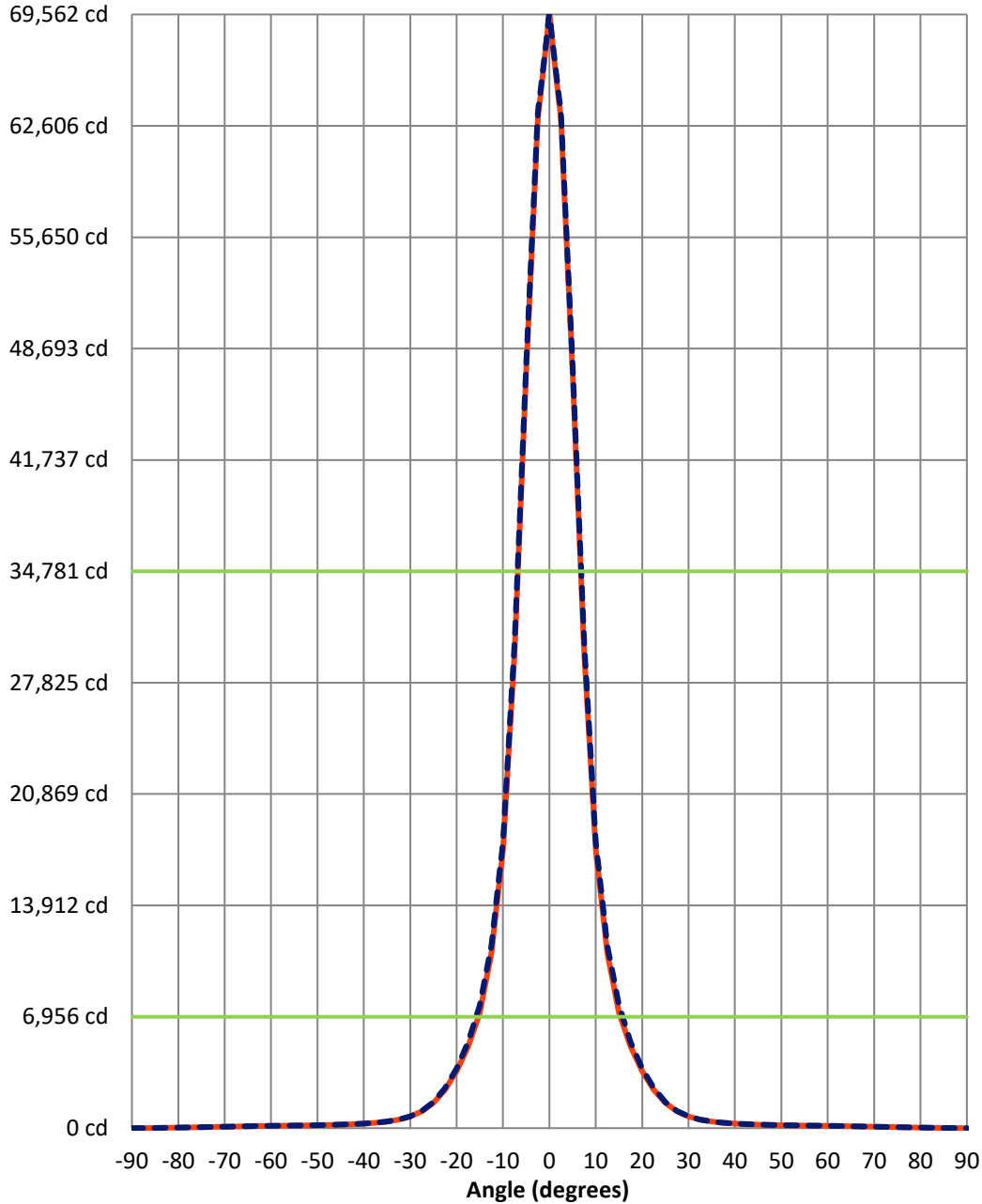
REPORT NUMBER: P626749 (CONVERTED FROM TYPE C PHOTOMETRY)
CATALOG NUMBER: GFLD-SA1D-740-U-NR-XX

Luminous Intensity Polar Plot



REPORT NUMBER: P626749 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA1D-740-U-NR-XX

Luminous Intensity Plot



Beam:
 H Angle: 13.7°
 V Angle: 13.6°
 Lumens: 2183.8
 Efficiency: 29.6%

Field:
 H Angle: 31.6°
 V Angle: 30.6°
 Lumens: 4914.6
 Efficiency: 66.5%

Spill:
 Lumens: 2471.9
 Efficiency: 33.5%

- Vertical Distribution through 0-Deg
- - - Horizontal Distribution through 0-Deg

Classified

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

Scaled Data Report



REPORT NUMBER: P626749 (CONVERTED FROM TYPE C PHOTOMETRY)

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

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	0.5	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	0.7	1.6	2.3	3.1	3.9	4.6	5.4	6.2	7.3	8.4
80°	0.0	0.9	2.1	3.1	4.1	5.2	6.3	7.8	9.2	10.7	12.1
77.5°	0.0	1.1	2.6	3.9	5.2	6.6	8.5	10.4	12.2	14.0	15.9
75°	0.0	1.4	3.1	4.6	6.2	8.4	10.7	13.0	15.2	17.7	20.2
72.5°	0.0	1.6	3.6	5.4	7.6	10.2	12.9	15.7	18.7	21.6	24.5
70°	0.0	1.8	4.0	6.2	8.9	11.9	15.1	18.7	22.0	25.4	29.2
67.5°	0.0	2.0	4.5	7.1	10.2	13.6	17.6	21.6	25.4	29.7	34.0
65°	0.0	2.2	4.9	8.0	11.5	15.4	20.0	24.5	29.2	34.0	39.0
62.5°	0.0	2.4	5.4	8.9	12.7	17.4	22.4	27.6	32.9	38.3	44.6
60°	0.0	2.6	5.8	9.8	13.9	19.3	24.7	30.8	36.6	43.1	50.0
57.5°	0.0	2.8	6.3	10.6	15.4	21.2	27.3	33.9	40.5	47.8	55.3
55°	0.0	2.9	6.9	11.4	16.9	23.1	29.9	36.9	44.5	52.3	60.3
52.5°	0.0	3.1	7.4	12.2	18.3	24.9	32.4	40.1	48.2	56.6	65.2
50°	0.0	3.3	7.9	13.0	19.7	26.9	34.8	43.2	51.9	60.7	69.8
47.5°	0.0	3.4	8.3	13.7	21.0	28.8	37.1	46.2	55.3	64.6	74.4
45°	0.0	3.6	8.8	14.7	22.3	30.6	39.6	49.1	58.6	68.6	78.8
42.5°	0.0	3.7	9.3	15.6	23.5	32.4	42.0	51.9	61.8	72.5	83.2
40°	0.0	3.8	9.7	16.5	24.7	34.1	44.2	54.6	64.9	76.3	87.4
37.5°	0.0	3.9	10.1	17.3	26.0	35.7	46.4	57.1	68.0	79.8	91.5
35°	0.0	4.0	10.5	18.1	27.2	37.3	48.4	59.4	70.9	83.1	95.4
32.5°	0.0	4.1	10.9	18.9	28.3	38.8	50.3	61.6	73.6	86.2	98.8
30°	0.0	4.2	11.2	19.6	29.3	40.3	52.0	63.7	76.1	89.1	101.9
27.5°	0.0	4.3	11.5	20.3	30.3	41.7	53.6	65.7	78.3	91.7	104.7
25°	0.0	4.4	11.8	20.9	31.3	42.9	55.1	67.5	80.4	94.0	107.2
22.5°	0.0	4.4	12.1	21.4	32.1	44.0	56.5	69.1	82.4	96.0	109.3
20°	0.0	4.5	12.4	21.9	32.9	45.0	57.7	70.4	84.1	97.8	111.3
17.5°	0.0	4.5	12.6	22.3	33.6	45.8	58.7	71.6	85.5	99.2	113.0
15°	0.0	4.5	12.8	22.7	34.1	46.5	59.5	72.7	86.8	100.4	114.5
12.5°	0.0	4.6	13.0	23.1	34.7	47.0	60.1	73.7	87.8	101.3	115.7
10°	0.0	4.6	13.1	23.3	35.1	47.4	60.6	74.5	88.7	102.3	116.9
7.5°	0.0	4.6	13.3	23.5	35.4	47.7	61.0	75.1	89.2	103.2	118.3
5°	0.0	4.5	13.3	23.7	35.6	47.8	61.2	75.6	89.5	103.8	119.4
2.5°	0.0	4.5	13.4	23.8	35.8	47.8	61.2	75.9	89.6	104.2	120.2
0°	0.0	4.5	13.4	23.8	35.8	47.7	61.1	76.0	89.4	104.3	120.7
-2.5°	0.0	4.5	13.4	23.8	35.8	47.8	61.2	75.9	89.6	104.2	120.2
-5°	0.0	4.5	13.3	23.7	35.6	47.8	61.2	75.6	89.5	103.8	119.4
-7.5°	0.0	4.6	13.3	23.5	35.4	47.7	61.0	75.1	89.2	103.2	118.3
-10°	0.0	4.6	13.1	23.3	35.1	47.4	60.6	74.5	88.7	102.3	116.9
-12.5°	0.0	4.6	13.0	23.1	34.7	47.0	60.1	73.7	87.8	101.3	115.7
-15°	0.0	4.5	12.8	22.7	34.1	46.5	59.5	72.7	86.8	100.4	114.5
-17.5°	0.0	4.5	12.6	22.3	33.6	45.8	58.7	71.6	85.5	99.2	113.0
-20°	0.0	4.5	12.4	21.9	32.9	45.0	57.7	70.4	84.1	97.8	111.3

Classified

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

Scaled Data Report



REPORT NUMBER: P626749 (CONVERTED FROM TYPE C PHOTOMETRY)

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

CANDELA DISTRIBUTION (continued):

	-90°	-87.5°	-85°	-82.5°	-80°	-77.5°	-75°	-72.5°	-70°	-67.5°	-65°
-22.5°	0.0	4.4	12.1	21.4	32.1	44.0	56.5	69.1	82.4	96.0	109.3
-25°	0.0	4.4	11.8	20.9	31.3	42.9	55.1	67.5	80.4	94.0	107.2
-27.5°	0.0	4.3	11.5	20.3	30.3	41.7	53.6	65.7	78.3	91.7	104.7
-30°	0.0	4.2	11.2	19.6	29.3	40.3	52.0	63.7	76.1	89.1	101.9
-32.5°	0.0	4.1	10.9	18.9	28.3	38.8	50.3	61.6	73.6	86.2	98.8
-35°	0.0	4.0	10.5	18.1	27.2	37.3	48.4	59.4	70.9	83.1	95.4
-37.5°	0.0	3.9	10.1	17.3	26.0	35.7	46.4	57.1	68.0	79.8	91.5
-40°	0.0	3.8	9.7	16.5	24.7	34.1	44.2	54.6	64.9	76.3	87.4
-42.5°	0.0	3.7	9.3	15.6	23.5	32.4	42.0	51.9	61.8	72.5	83.2
-45°	0.0	3.6	8.8	14.7	22.3	30.6	39.6	49.1	58.6	68.6	78.8
-47.5°	0.0	3.4	8.3	13.7	21.0	28.8	37.1	46.2	55.3	64.6	74.4
-50°	0.0	3.3	7.9	13.0	19.7	26.9	34.8	43.2	51.9	60.7	69.8
-52.5°	0.0	3.1	7.4	12.2	18.3	24.9	32.4	40.1	48.2	56.6	65.2
-55°	0.0	2.9	6.9	11.4	16.9	23.1	29.9	36.9	44.5	52.3	60.3
-57.5°	0.0	2.8	6.3	10.6	15.4	21.2	27.3	33.9	40.5	47.8	55.3
-60°	0.0	2.6	5.8	9.8	13.9	19.3	24.7	30.8	36.6	43.1	50.0
-62.5°	0.0	2.4	5.4	8.9	12.7	17.4	22.4	27.6	32.9	38.3	44.6
-65°	0.0	2.2	4.9	8.0	11.5	15.4	20.0	24.5	29.2	34.0	39.0
-67.5°	0.0	2.0	4.5	7.1	10.2	13.6	17.6	21.6	25.4	29.7	34.0
-70°	0.0	1.8	4.0	6.2	8.9	11.9	15.1	18.7	22.0	25.4	29.2
-72.5°	0.0	1.6	3.6	5.4	7.6	10.2	12.9	15.7	18.7	21.6	24.5
-75°	0.0	1.4	3.1	4.6	6.2	8.4	10.7	13.0	15.2	17.7	20.2
-77.5°	0.0	1.1	2.6	3.9	5.2	6.6	8.5	10.4	12.2	14.0	15.9
-80°	0.0	0.9	2.1	3.1	4.1	5.2	6.3	7.8	9.2	10.7	12.1
-82.5°	0.0	0.7	1.6	2.3	3.1	3.9	4.6	5.4	6.2	7.3	8.4
-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	0.2	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



REPORT NUMBER: P626749 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA1D-740-U-NR-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°	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	6.7	7.3	7.8	8.3	8.7	9.1	9.7	10.3	11.0
82.5°	9.4	10.4	11.4	12.4	13.0	13.6	14.1	14.8	16.2	17.4	18.6
80°	13.5	14.8	16.4	17.9	19.2	20.5	21.8	23.2	24.6	26.0	27.3
77.5°	18.0	19.9	21.9	23.8	25.6	27.7	29.7	31.6	33.4	35.1	36.8
75°	22.7	25.0	27.7	30.3	32.8	35.3	37.7	40.2	42.7	45.0	47.2
72.5°	27.6	30.8	33.9	37.0	40.2	43.4	46.5	49.5	52.4	55.4	58.6
70°	32.9	36.6	40.6	44.5	48.1	51.9	55.7	59.0	62.2	66.4	70.6
67.5°	38.4	43.3	47.8	52.2	57.0	61.5	65.4	69.6	74.1	78.9	83.1
65°	44.7	50.1	55.4	60.9	66.5	71.2	76.1	81.2	86.3	91.1	95.7
62.5°	51.0	57.0	63.1	69.2	74.9	80.6	86.4	92.2	97.8	103.4	108.3
60°	57.1	63.9	70.4	76.7	83.2	90.2	96.7	103.1	109.7	116.0	119.4
57.5°	63.0	70.3	77.0	84.0	91.7	99.6	106.5	113.7	119.4	123.8	128.1
55°	68.5	76.1	83.4	91.4	99.7	107.9	115.5	122.0	127.3	131.3	135.8
52.5°	73.6	81.6	89.7	98.3	107.2	115.9	123.9	129.9	134.7	138.8	143.0
50°	78.7	87.1	95.6	105.1	114.6	123.9	131.7	137.2	141.7	145.9	150.3
47.5°	83.7	92.5	101.6	111.8	122.1	131.0	138.4	143.5	148.0	153.0	157.8
45°	88.6	98.1	107.8	118.7	129.0	137.6	143.9	149.0	154.6	160.0	165.1
42.5°	93.4	103.6	114.1	125.4	135.4	143.2	149.0	155.0	161.1	166.8	172.6
40°	98.2	108.9	120.0	131.3	141.3	148.0	154.3	160.7	167.3	173.5	180.0
37.5°	102.8	113.9	125.4	136.7	145.8	152.7	159.2	166.3	173.2	180.0	188.4
35°	107.2	118.5	130.0	141.0	149.8	156.8	164.1	171.5	178.9	187.6	197.2
32.5°	111.1	122.5	134.3	144.5	153.1	160.7	168.8	176.6	185.4	195.3	206.8
30°	114.4	126.1	137.9	147.8	156.3	164.3	173.1	181.7	192.0	203.9	217.6
27.5°	117.3	129.3	140.7	150.7	159.3	167.3	176.5	187.4	199.2	212.6	228.7
25°	120.0	132.5	143.4	153.4	161.7	170.1	180.0	192.0	206.2	222.4	242.0
22.5°	122.5	135.7	146.2	155.9	163.6	172.7	183.8	196.9	212.3	231.3	255.2
20°	125.0	138.0	148.4	157.9	165.0	174.9	187.2	201.2	218.7	241.3	268.9
17.5°	127.2	140.0	150.2	159.0	166.9	177.3	190.2	204.7	224.2	250.4	281.6
15°	129.3	141.7	151.6	160.0	168.6	179.8	193.3	208.9	230.4	259.1	292.8
12.5°	131.1	143.0	152.6	160.7	169.9	181.8	196.0	213.4	237.0	267.6	307.0
10°	132.6	144.1	153.4	161.2	170.9	183.4	198.3	217.1	242.2	274.2	317.9
7.5°	134.0	144.9	153.9	161.5	171.6	184.5	200.1	219.9	245.9	278.9	325.8
5°	134.9	145.6	154.5	162.4	172.6	185.3	201.4	221.8	248.0	281.7	330.7
2.5°	135.4	146.0	154.9	163.3	173.6	186.1	202.4	223.8	249.8	284.4	334.4
0°	135.6	146.1	155.0	163.9	174.4	186.3	202.7	225.0	250.4	286.2	336.8
-2.5°	135.4	146.0	154.9	163.3	173.6	186.1	202.4	223.8	249.8	284.4	334.4
-5°	134.9	145.6	154.5	162.4	172.6	185.3	201.4	221.8	248.0	281.7	330.7
-7.5°	134.0	144.9	153.9	161.5	171.6	184.5	200.1	219.9	245.9	278.9	325.8
-10°	132.6	144.1	153.4	161.2	170.9	183.4	198.3	217.1	242.2	274.2	317.9
-12.5°	131.1	143.0	152.6	160.7	169.9	181.8	196.0	213.4	237.0	267.6	307.0
-15°	129.3	141.7	151.6	160.0	168.6	179.8	193.3	208.9	230.4	259.1	292.8
-17.5°	127.2	140.0	150.2	159.0	166.9	177.3	190.2	204.7	224.2	250.4	281.6
-20°	125.0	138.0	148.4	157.9	165.0	174.9	187.2	201.2	218.7	241.3	268.9

Classified

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

Scaled Data Report



REPORT NUMBER: P626749 (CONVERTED FROM TYPE C PHOTOMETRY)

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

CANDELA DISTRIBUTION (continued):

	-62.5°	-60°	-57.5°	-55°	-52.5°	-50°	-47.5°	-45°	-42.5°	-40°	-37.5°
-22.5°	122.5	135.7	146.2	155.9	163.6	172.7	183.8	196.9	212.3	231.3	255.2
-25°	120.0	132.5	143.4	153.4	161.7	170.1	180.0	192.0	206.2	222.4	242.0
-27.5°	117.3	129.3	140.7	150.7	159.3	167.3	176.5	187.4	199.2	212.6	228.7
-30°	114.4	126.1	137.9	147.8	156.3	164.3	173.1	181.7	192.0	203.9	217.6
-32.5°	111.1	122.5	134.3	144.5	153.1	160.7	168.8	176.6	185.4	195.3	206.8
-35°	107.2	118.5	130.0	141.0	149.8	156.8	164.1	171.5	178.9	187.6	197.2
-37.5°	102.8	113.9	125.4	136.7	145.8	152.7	159.2	166.3	173.2	180.0	188.4
-40°	98.2	108.9	120.0	131.3	141.3	148.0	154.3	160.7	167.3	173.5	180.0
-42.5°	93.4	103.6	114.1	125.4	135.4	143.2	149.0	155.0	161.1	166.8	172.6
-45°	88.6	98.1	107.8	118.7	129.0	137.6	143.9	149.0	154.6	160.0	165.1
-47.5°	83.7	92.5	101.6	111.8	122.1	131.0	138.4	143.5	148.0	153.0	157.8
-50°	78.7	87.1	95.6	105.1	114.6	123.9	131.7	137.2	141.7	145.9	150.3
-52.5°	73.6	81.6	89.7	98.3	107.2	115.9	123.9	129.9	134.7	138.8	143.0
-55°	68.5	76.1	83.4	91.4	99.7	107.9	115.5	122.0	127.3	131.3	135.8
-57.5°	63.0	70.3	77.0	84.0	91.7	99.6	106.5	113.7	119.4	123.8	128.1
-60°	57.1	63.9	70.4	76.7	83.2	90.2	96.7	103.1	109.7	116.0	119.4
-62.5°	51.0	57.0	63.1	69.2	74.9	80.6	86.4	92.2	97.8	103.4	108.3
-65°	44.7	50.1	55.4	60.9	66.5	71.2	76.1	81.2	86.3	91.1	95.7
-67.5°	38.4	43.3	47.8	52.2	57.0	61.5	65.4	69.6	74.1	78.9	83.1
-70°	32.9	36.6	40.6	44.5	48.1	51.9	55.7	59.0	62.2	66.4	70.6
-72.5°	27.6	30.8	33.9	37.0	40.2	43.4	46.5	49.5	52.4	55.4	58.6
-75°	22.7	25.0	27.7	30.3	32.8	35.3	37.7	40.2	42.7	45.0	47.2
-77.5°	18.0	19.9	21.9	23.8	25.6	27.7	29.7	31.6	33.4	35.1	36.8
-80°	13.5	14.8	16.4	17.9	19.2	20.5	21.8	23.2	24.6	26.0	27.3
-82.5°	9.4	10.4	11.4	12.4	13.0	13.6	14.1	14.8	16.2	17.4	18.6
-85°	5.5	6.0	6.7	7.3	7.8	8.3	8.7	9.1	9.7	10.3	11.0
-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: P626749 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA1D-740-U-NR-XX

CANDELA DISTRIBUTION (continued):

	-35°	-32.5°	-30°	-27.5°	-25°	-22.5°	-20°	-17.5°	-15°	-12.5°	-10°
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
87.5°	4.9	5.1	5.2	5.3	5.4	5.5	5.6	5.7	5.8	5.5	5.2
85°	11.7	12.1	12.5	12.9	13.2	13.5	13.8	14.1	14.3	14.1	13.9
82.5°	19.6	20.4	21.1	21.8	22.4	22.9	23.4	23.8	24.2	24.2	24.1
80°	28.6	29.8	31.1	32.4	33.6	34.4	34.9	35.4	35.7	35.8	35.8
77.5°	38.4	40.4	42.4	44.5	46.5	47.6	48.4	49.1	49.7	49.8	49.7
75°	49.3	51.9	54.7	57.1	59.3	60.6	61.5	62.3	62.9	63.0	63.0
72.5°	62.0	65.1	67.6	69.7	71.5	72.9	74.1	75.0	75.8	76.1	76.2
70°	74.4	77.5	79.9	82.0	83.8	85.3	86.6	87.8	88.7	89.4	90.0
67.5°	87.0	90.6	93.0	95.0	96.5	98.0	99.8	101.4	102.7	103.6	104.0
65°	100.0	103.7	106.0	108.1	109.9	111.9	113.9	115.4	116.3	116.9	117.3
62.5°	112.5	115.9	118.9	121.7	124.4	126.6	127.9	129.2	130.2	131.1	131.8
60°	123.3	127.7	131.0	133.6	136.2	138.7	140.4	141.8	142.8	143.6	144.1
57.5°	132.5	136.9	140.8	143.4	146.2	149.2	151.2	152.3	153.4	154.3	154.7
55°	140.5	144.6	148.2	151.7	154.9	157.6	159.8	161.3	162.5	163.6	163.9
52.5°	147.7	152.2	156.5	160.2	163.3	165.9	168.0	169.9	171.3	172.3	172.8
50°	155.3	160.2	164.7	168.8	172.0	174.9	177.4	179.7	181.9	183.6	184.8
47.5°	162.8	167.9	173.0	177.4	181.3	185.5	189.3	192.5	195.6	198.1	199.9
45°	170.3	176.2	181.7	187.5	192.7	198.2	203.4	207.8	212.3	215.7	218.0
42.5°	178.7	185.4	192.0	199.2	206.3	213.5	221.3	228.2	233.5	238.5	242.6
40°	187.6	195.3	203.9	212.8	223.3	232.7	243.1	252.1	260.1	268.7	275.5
37.5°	197.2	206.8	218.1	230.0	243.5	256.5	270.0	283.4	295.1	308.8	319.3
35°	207.8	220.6	234.6	250.6	267.4	286.0	304.6	326.0	344.5	364.8	382.5
32.5°	220.3	235.6	253.9	275.1	296.7	324.8	351.1	385.3	414.8	447.1	479.6
30°	233.2	253.2	276.8	303.5	337.8	376.5	419.6	470.5	522.9	573.6	634.8
27.5°	249.1	273.3	301.9	340.9	391.3	443.6	517.8	594.1	690.5	770.2	882.5
25°	265.7	294.2	334.8	387.8	453.7	544.5	657.0	779.0	948.5	1097.4	1272.1
22.5°	283.8	322.2	372.7	438.2	538.0	677.4	847.8	1077.4	1327.4	1592.9	1857.0
20°	302.6	349.0	415.3	510.1	647.1	835.9	1128.4	1482.9	1840.1	2278.1	2666.0
17.5°	324.3	383.4	465.1	583.7	766.6	1055.6	1461.4	1956.3	2510.5	3140.4	3699.5
15°	342.4	412.9	516.0	682.0	933.5	1304.7	1816.4	2497.2	3330.1	4175.9	5034.1
12.5°	363.5	445.1	566.1	764.0	1079.9	1573.2	2269.8	3131.5	4171.6	5344.8	6727.9
10°	382.2	476.6	627.0	872.0	1258.1	1853.2	2698.6	3735.3	5077.5	6765.6	8907.5
7.5°	396.1	501.6	674.1	954.2	1412.1	2122.4	3103.8	4396.5	6102.1	8331.2	11270.7
5°	405.0	519.8	707.4	1017.6	1532.7	2322.8	3400.8	4865.6	6923.1	10075.8	15053.5
2.5°	410.4	530.5	726.4	1054.8	1606.0	2455.6	3626.7	5220.2	7455.2	11153.9	17486.5
0°	412.8	533.6	737.7	1074.6	1630.5	2506.8	3730.4	5381.8	7693.3	11405.9	17914.3
-2.5°	410.4	530.5	726.4	1054.8	1606.0	2455.6	3626.7	5220.2	7455.2	11153.9	17486.5
-5°	405.0	519.8	707.4	1017.6	1532.7	2322.8	3400.8	4865.6	6923.1	10075.8	15053.5
-7.5°	396.1	501.6	674.1	954.2	1412.1	2122.4	3103.8	4396.5	6102.1	8331.2	11270.7
-10°	382.2	476.6	627.0	872.0	1258.1	1853.2	2698.6	3735.3	5077.5	6765.6	8907.5
-12.5°	363.5	445.1	566.1	764.0	1079.9	1573.2	2269.8	3131.5	4171.6	5344.8	6727.9
-15°	342.4	412.9	516.0	682.0	933.5	1304.7	1816.4	2497.2	3330.1	4175.9	5034.1
-17.5°	324.3	383.4	465.1	583.7	766.6	1055.6	1461.4	1956.3	2510.5	3140.4	3699.5
-20°	302.6	349.0	415.3	510.1	647.1	835.9	1128.4	1482.9	1840.1	2278.1	2666.0

Classified

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

Scaled Data Report



REPORT NUMBER: P626749 (CONVERTED FROM TYPE C PHOTOMETRY)

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

CANDELA DISTRIBUTION (continued):

	-35°	-32.5°	-30°	-27.5°	-25°	-22.5°	-20°	-17.5°	-15°	-12.5°	-10°
-22.5°	283.8	322.2	372.7	438.2	538.0	677.4	847.8	1077.4	1327.4	1592.9	1857.0
-25°	265.7	294.2	334.8	387.8	453.7	544.5	657.0	779.0	948.5	1097.4	1272.1
-27.5°	249.1	273.3	301.9	340.9	391.3	443.6	517.8	594.1	690.5	770.2	882.5
-30°	233.2	253.2	276.8	303.5	337.8	376.5	419.6	470.5	522.9	573.6	634.8
-32.5°	220.3	235.6	253.9	275.1	296.7	324.8	351.1	385.3	414.8	447.1	479.6
-35°	207.8	220.6	234.6	250.6	267.4	286.0	304.6	326.0	344.5	364.8	382.5
-37.5°	197.2	206.8	218.1	230.0	243.5	256.5	270.0	283.4	295.1	308.8	319.3
-40°	187.6	195.3	203.9	212.8	223.3	232.7	243.1	252.1	260.1	268.7	275.5
-42.5°	178.7	185.4	192.0	199.2	206.3	213.5	221.3	228.2	233.5	238.5	242.6
-45°	170.3	176.2	181.7	187.5	192.7	198.2	203.4	207.8	212.3	215.7	218.0
-47.5°	162.8	167.9	173.0	177.4	181.3	185.5	189.3	192.5	195.6	198.1	199.9
-50°	155.3	160.2	164.7	168.8	172.0	174.9	177.4	179.7	181.9	183.6	184.8
-52.5°	147.7	152.2	156.5	160.2	163.3	165.9	168.0	169.9	171.3	172.3	172.8
-55°	140.5	144.6	148.2	151.7	154.9	157.6	159.8	161.3	162.5	163.6	163.9
-57.5°	132.5	136.9	140.8	143.4	146.2	149.2	151.2	152.3	153.4	154.3	154.7
-60°	123.3	127.7	131.0	133.6	136.2	138.7	140.4	141.8	142.8	143.6	144.1
-62.5°	112.5	115.9	118.9	121.7	124.4	126.6	127.9	129.2	130.2	131.1	131.8
-65°	100.0	103.7	106.0	108.1	109.9	111.9	113.9	115.4	116.3	116.9	117.3
-67.5°	87.0	90.6	93.0	95.0	96.5	98.0	99.8	101.4	102.7	103.6	104.0
-70°	74.4	77.5	79.9	82.0	83.8	85.3	86.6	87.8	88.7	89.4	90.0
-72.5°	62.0	65.1	67.6	69.7	71.5	72.9	74.1	75.0	75.8	76.1	76.2
-75°	49.3	51.9	54.7	57.1	59.3	60.6	61.5	62.3	62.9	63.0	63.0
-77.5°	38.4	40.4	42.4	44.5	46.5	47.6	48.4	49.1	49.7	49.8	49.7
-80°	28.6	29.8	31.1	32.4	33.6	34.4	34.9	35.4	35.7	35.8	35.8
-82.5°	19.6	20.4	21.1	21.8	22.4	22.9	23.4	23.8	24.2	24.2	24.1
-85°	11.7	12.1	12.5	12.9	13.2	13.5	13.8	14.1	14.3	14.1	13.9
-87.5°	4.9	5.1	5.2	5.3	5.4	5.5	5.6	5.7	5.8	5.5	5.2
-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: P626749 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA1D-740-U-NR-XX

CANDELA DISTRIBUTION (continued):

	-7.5°	-5°	-2.5°	0°	2.5°	5°	7.5°	10°	12.5°	15°	17.5°
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
87.5°	4.8	4.5	4.5	4.5	4.5	4.5	4.8	5.2	5.5	5.8	5.7
85°	13.6	13.3	13.4	13.4	13.4	13.3	13.6	13.9	14.1	14.3	14.1
82.5°	23.9	23.7	23.8	23.8	23.8	23.7	23.9	24.1	24.2	24.2	23.8
80°	35.8	35.6	35.0	34.3	35.0	35.6	35.8	35.8	35.8	35.7	35.4
77.5°	49.4	49.0	48.4	47.7	48.4	49.0	49.4	49.7	49.8	49.7	49.1
75°	62.7	62.3	62.5	62.6	62.5	62.3	62.7	63.0	63.0	62.9	62.3
72.5°	76.0	75.7	75.9	76.0	75.9	75.7	76.0	76.2	76.1	75.8	75.0
70°	90.3	90.5	90.1	89.4	90.1	90.5	90.3	90.0	89.4	88.7	87.8
67.5°	104.1	103.9	103.5	102.8	103.5	103.9	104.1	104.0	103.6	102.7	101.4
65°	117.5	117.3	117.6	117.7	117.6	117.3	117.5	117.3	116.9	116.3	115.4
62.5°	132.1	132.1	131.8	131.2	131.8	132.1	132.1	131.8	131.1	130.2	129.2
60°	144.3	144.2	143.8	143.1	143.8	144.2	144.3	144.1	143.6	142.8	141.8
57.5°	154.9	154.7	154.2	153.5	154.2	154.7	154.9	154.7	154.3	153.4	152.3
55°	163.9	163.7	163.2	162.5	163.2	163.7	163.9	163.9	163.6	162.5	161.3
52.5°	172.9	172.7	172.7	172.9	172.7	172.7	172.9	172.8	172.3	171.3	169.9
50°	185.5	185.8	185.5	184.8	185.5	185.8	185.5	184.8	183.6	181.9	179.7
47.5°	200.7	200.8	200.4	199.7	200.4	200.8	200.7	199.9	198.1	195.6	192.5
45°	219.8	220.9	221.2	220.6	221.2	220.9	219.8	218.0	215.7	212.3	207.8
42.5°	245.7	247.4	247.9	247.4	247.9	247.4	245.7	242.6	238.5	233.5	228.2
40°	279.7	281.6	282.0	281.7	282.0	281.6	279.7	275.5	268.7	260.1	252.1
37.5°	326.7	331.4	333.6	333.8	333.6	331.4	326.7	319.3	308.8	295.1	283.4
35°	396.0	405.4	410.4	412.8	410.4	405.4	396.0	382.5	364.8	344.5	326.0
32.5°	504.2	522.9	533.3	532.1	533.3	522.9	504.2	479.6	447.1	414.8	385.3
30°	680.9	713.7	730.1	725.8	730.1	713.7	680.9	634.8	573.6	522.9	470.5
27.5°	963.3	1022.5	1056.7	1052.2	1056.7	1022.5	963.3	882.5	770.2	690.5	594.1
25°	1418.2	1526.2	1595.4	1578.3	1595.4	1526.2	1418.2	1272.1	1097.4	948.5	779.0
22.5°	2110.1	2293.2	2414.4	2399.5	2414.4	2293.2	2110.1	1857.0	1592.9	1327.4	1077.4
20°	3059.3	3338.1	3537.1	3563.5	3537.1	3338.1	3059.3	2666.0	2278.1	1840.1	1482.9
17.5°	4303.6	4745.5	5053.2	5104.5	5053.2	4745.5	4303.6	3699.5	3140.4	2510.5	1956.3
15°	5920.6	6643.0	7165.8	7209.0	7165.8	6643.0	5920.6	5034.1	4175.9	3330.1	2497.2
12.5°	8116.4	9569.3	10517.5	10934.9	10517.5	9569.3	8116.4	6727.9	5344.8	4171.6	3131.5
10°	11155.2	14492.3	16629.5	17432.9	16629.5	14492.3	11155.2	8907.5	6765.6	5077.5	3735.3
7.5°	16230.9	21470.3	27295.1	29777.8	27295.1	21470.3	16230.9	11270.7	8331.2	6102.1	4396.5
5°	21978.7	32852.6	43195.6	47234.5	43195.6	32852.6	21978.7	15053.5	10075.8	6923.1	4865.6
2.5°	28026.9	43183.5	57386.4	62940.9	57386.4	43183.5	28026.9	17486.5	11153.9	7455.2	5220.2
0°	30388.8	47707.0	63333.6	69561.9	63333.6	47707.0	30388.8	17914.3	11405.9	7693.3	5381.8
-2.5°	28026.9	43183.5	57386.4	62940.9	57386.4	43183.5	28026.9	17486.5	11153.9	7455.2	5220.2
-5°	21978.7	32852.6	43195.6	47234.5	43195.6	32852.6	21978.7	15053.5	10075.8	6923.1	4865.6
-7.5°	16230.9	21470.3	27295.1	29777.8	27295.1	21470.3	16230.9	11270.7	8331.2	6102.1	4396.5
-10°	11155.2	14492.3	16629.5	17432.9	16629.5	14492.3	11155.2	8907.5	6765.6	5077.5	3735.3
-12.5°	8116.4	9569.3	10517.5	10934.9	10517.5	9569.3	8116.4	6727.9	5344.8	4171.6	3131.5
-15°	5920.6	6643.0	7165.8	7209.0	7165.8	6643.0	5920.6	5034.1	4175.9	3330.1	2497.2
-17.5°	4303.6	4745.5	5053.2	5104.5	5053.2	4745.5	4303.6	3699.5	3140.4	2510.5	1956.3
-20°	3059.3	3338.1	3537.1	3563.5	3537.1	3338.1	3059.3	2666.0	2278.1	1840.1	1482.9



REPORT NUMBER: P626749 (CONVERTED FROM TYPE C PHOTOMETRY)

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

CANDELA DISTRIBUTION (continued):

	-7.5°	-5°	-2.5°	0°	2.5°	5°	7.5°	10°	12.5°	15°	17.5°
-22.5°	2110.1	2293.2	2414.4	2399.5	2414.4	2293.2	2110.1	1857.0	1592.9	1327.4	1077.4
-25°	1418.2	1526.2	1595.4	1578.3	1595.4	1526.2	1418.2	1272.1	1097.4	948.5	779.0
-27.5°	963.3	1022.5	1056.7	1052.2	1056.7	1022.5	963.3	882.5	770.2	690.5	594.1
-30°	680.9	713.7	730.1	725.8	730.1	713.7	680.9	634.8	573.6	522.9	470.5
-32.5°	504.2	522.9	533.3	532.1	533.3	522.9	504.2	479.6	447.1	414.8	385.3
-35°	396.0	405.4	410.4	412.8	410.4	405.4	396.0	382.5	364.8	344.5	326.0
-37.5°	326.7	331.4	333.6	333.8	333.6	331.4	326.7	319.3	308.8	295.1	283.4
-40°	279.7	281.6	282.0	281.7	282.0	281.6	279.7	275.5	268.7	260.1	252.1
-42.5°	245.7	247.4	247.9	247.4	247.9	247.4	245.7	242.6	238.5	233.5	228.2
-45°	219.8	220.9	221.2	220.6	221.2	220.9	219.8	218.0	215.7	212.3	207.8
-47.5°	200.7	200.8	200.4	199.7	200.4	200.8	200.7	199.9	198.1	195.6	192.5
-50°	185.5	185.8	185.5	184.8	185.5	185.8	185.5	184.8	183.6	181.9	179.7
-52.5°	172.9	172.7	172.7	172.9	172.7	172.7	172.9	172.8	172.3	171.3	169.9
-55°	163.9	163.7	163.2	162.5	163.2	163.7	163.9	163.9	163.6	162.5	161.3
-57.5°	154.9	154.7	154.2	153.5	154.2	154.7	154.9	154.7	154.3	153.4	152.3
-60°	144.3	144.2	143.8	143.1	143.8	144.2	144.3	144.1	143.6	142.8	141.8
-62.5°	132.1	132.1	131.8	131.2	131.8	132.1	132.1	131.8	131.1	130.2	129.2
-65°	117.5	117.3	117.6	117.7	117.6	117.3	117.5	117.3	116.9	116.3	115.4
-67.5°	104.1	103.9	103.5	102.8	103.5	103.9	104.1	104.0	103.6	102.7	101.4
-70°	90.3	90.5	90.1	89.4	90.1	90.5	90.3	90.0	89.4	88.7	87.8
-72.5°	76.0	75.7	75.9	76.0	75.9	75.7	76.0	76.2	76.1	75.8	75.0
-75°	62.7	62.3	62.5	62.6	62.5	62.3	62.7	63.0	63.0	62.9	62.3
-77.5°	49.4	49.0	48.4	47.7	48.4	49.0	49.4	49.7	49.8	49.7	49.1
-80°	35.8	35.6	35.0	34.3	35.0	35.6	35.8	35.8	35.8	35.7	35.4
-82.5°	23.9	23.7	23.8	23.8	23.8	23.7	23.9	24.1	24.2	24.2	23.8
-85°	13.6	13.3	13.4	13.4	13.4	13.3	13.6	13.9	14.1	14.3	14.1
-87.5°	4.8	4.5	4.5	4.5	4.5	4.5	4.8	5.2	5.5	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: P626749 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA1D-740-U-NR-XX

CANDELA DISTRIBUTION (continued):

	20°	22.5°	25°	27.5°	30°	32.5°	35°	37.5°	40°	42.5°	45°
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
87.5°	5.6	5.5	5.4	5.3	5.2	5.1	4.9	4.8	4.6	4.4	4.2
85°	13.8	13.5	13.2	12.9	12.5	12.1	11.7	11.0	10.3	9.7	9.1
82.5°	23.4	22.9	22.4	21.8	21.1	20.4	19.6	18.6	17.4	16.2	14.8
80°	34.9	34.4	33.6	32.4	31.1	29.8	28.6	27.3	26.0	24.6	23.2
77.5°	48.4	47.6	46.5	44.5	42.4	40.4	38.4	36.8	35.1	33.4	31.6
75°	61.5	60.6	59.3	57.1	54.7	51.9	49.3	47.2	45.0	42.7	40.2
72.5°	74.1	72.9	71.5	69.7	67.6	65.1	62.0	58.6	55.4	52.4	49.5
70°	86.6	85.3	83.8	82.0	79.9	77.5	74.4	70.6	66.4	62.2	59.0
67.5°	99.8	98.0	96.5	95.0	93.0	90.6	87.0	83.1	78.9	74.1	69.6
65°	113.9	111.9	109.9	108.1	106.0	103.7	100.0	95.7	91.1	86.3	81.2
62.5°	127.9	126.6	124.4	121.7	118.9	115.9	112.5	108.3	103.4	97.8	92.2
60°	140.4	138.7	136.2	133.6	131.0	127.7	123.3	119.4	116.0	109.7	103.1
57.5°	151.2	149.2	146.2	143.4	140.8	136.9	132.5	128.1	123.8	119.4	113.7
55°	159.8	157.6	154.9	151.7	148.2	144.6	140.5	135.8	131.3	127.3	122.0
52.5°	168.0	165.9	163.3	160.2	156.5	152.2	147.7	143.0	138.8	134.7	129.9
50°	177.4	174.9	172.0	168.8	164.7	160.2	155.3	150.3	145.9	141.7	137.2
47.5°	189.3	185.5	181.3	177.4	173.0	167.9	162.8	157.8	153.0	148.0	143.5
45°	203.4	198.2	192.7	187.5	181.7	176.2	170.3	165.1	160.0	154.6	149.0
42.5°	221.3	213.5	206.3	199.2	192.0	185.4	178.7	172.6	166.8	161.1	155.0
40°	243.1	232.7	223.3	212.8	203.9	195.3	187.6	180.0	173.5	167.3	160.7
37.5°	270.0	256.5	243.5	230.0	218.1	206.8	197.2	188.4	180.0	173.2	166.3
35°	304.6	286.0	267.4	250.6	234.6	220.6	207.8	197.2	187.6	178.9	171.5
32.5°	351.1	324.8	296.7	275.1	253.9	235.6	220.3	206.8	195.3	185.4	176.6
30°	419.6	376.5	337.8	303.5	276.8	253.2	233.2	217.6	203.9	192.0	181.7
27.5°	517.8	443.6	391.3	340.9	301.9	273.3	249.1	228.7	212.6	199.2	187.4
25°	657.0	544.5	453.7	387.8	334.8	294.2	265.7	242.0	222.4	206.2	192.0
22.5°	847.8	677.4	538.0	438.2	372.7	322.2	283.8	255.2	231.3	212.3	196.9
20°	1128.4	835.9	647.1	510.1	415.3	349.0	302.6	268.9	241.3	218.7	201.2
17.5°	1461.4	1055.6	766.6	583.7	465.1	383.4	324.3	281.6	250.4	224.2	204.7
15°	1816.4	1304.7	933.5	682.0	516.0	412.9	342.4	292.8	259.1	230.4	208.9
12.5°	2269.8	1573.2	1079.9	764.0	566.1	445.1	363.5	307.0	267.6	237.0	213.4
10°	2698.6	1853.2	1258.1	872.0	627.0	476.6	382.2	317.9	274.2	242.2	217.1
7.5°	3103.8	2122.4	1412.1	954.2	674.1	501.6	396.1	325.8	278.9	245.9	219.9
5°	3400.8	2322.8	1532.7	1017.6	707.4	519.8	405.0	330.7	281.7	248.0	221.8
2.5°	3626.7	2455.6	1606.0	1054.8	726.4	530.5	410.4	334.4	284.4	249.8	223.8
0°	3730.4	2506.8	1630.5	1074.6	737.7	533.6	412.8	336.8	286.2	250.4	225.0
-2.5°	3626.7	2455.6	1606.0	1054.8	726.4	530.5	410.4	334.4	284.4	249.8	223.8
-5°	3400.8	2322.8	1532.7	1017.6	707.4	519.8	405.0	330.7	281.7	248.0	221.8
-7.5°	3103.8	2122.4	1412.1	954.2	674.1	501.6	396.1	325.8	278.9	245.9	219.9
-10°	2698.6	1853.2	1258.1	872.0	627.0	476.6	382.2	317.9	274.2	242.2	217.1
-12.5°	2269.8	1573.2	1079.9	764.0	566.1	445.1	363.5	307.0	267.6	237.0	213.4
-15°	1816.4	1304.7	933.5	682.0	516.0	412.9	342.4	292.8	259.1	230.4	208.9
-17.5°	1461.4	1055.6	766.6	583.7	465.1	383.4	324.3	281.6	250.4	224.2	204.7
-20°	1128.4	835.9	647.1	510.1	415.3	349.0	302.6	268.9	241.3	218.7	201.2



REPORT NUMBER: P626749 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA1D-740-U-NR-XX

CANDELA DISTRIBUTION (continued):

	20°	22.5°	25°	27.5°	30°	32.5°	35°	37.5°	40°	42.5°	45°
-22.5°	847.8	677.4	538.0	438.2	372.7	322.2	283.8	255.2	231.3	212.3	196.9
-25°	657.0	544.5	453.7	387.8	334.8	294.2	265.7	242.0	222.4	206.2	192.0
-27.5°	517.8	443.6	391.3	340.9	301.9	273.3	249.1	228.7	212.6	199.2	187.4
-30°	419.6	376.5	337.8	303.5	276.8	253.2	233.2	217.6	203.9	192.0	181.7
-32.5°	351.1	324.8	296.7	275.1	253.9	235.6	220.3	206.8	195.3	185.4	176.6
-35°	304.6	286.0	267.4	250.6	234.6	220.6	207.8	197.2	187.6	178.9	171.5
-37.5°	270.0	256.5	243.5	230.0	218.1	206.8	197.2	188.4	180.0	173.2	166.3
-40°	243.1	232.7	223.3	212.8	203.9	195.3	187.6	180.0	173.5	167.3	160.7
-42.5°	221.3	213.5	206.3	199.2	192.0	185.4	178.7	172.6	166.8	161.1	155.0
-45°	203.4	198.2	192.7	187.5	181.7	176.2	170.3	165.1	160.0	154.6	149.0
-47.5°	189.3	185.5	181.3	177.4	173.0	167.9	162.8	157.8	153.0	148.0	143.5
-50°	177.4	174.9	172.0	168.8	164.7	160.2	155.3	150.3	145.9	141.7	137.2
-52.5°	168.0	165.9	163.3	160.2	156.5	152.2	147.7	143.0	138.8	134.7	129.9
-55°	159.8	157.6	154.9	151.7	148.2	144.6	140.5	135.8	131.3	127.3	122.0
-57.5°	151.2	149.2	146.2	143.4	140.8	136.9	132.5	128.1	123.8	119.4	113.7
-60°	140.4	138.7	136.2	133.6	131.0	127.7	123.3	119.4	116.0	109.7	103.1
-62.5°	127.9	126.6	124.4	121.7	118.9	115.9	112.5	108.3	103.4	97.8	92.2
-65°	113.9	111.9	109.9	108.1	106.0	103.7	100.0	95.7	91.1	86.3	81.2
-67.5°	99.8	98.0	96.5	95.0	93.0	90.6	87.0	83.1	78.9	74.1	69.6
-70°	86.6	85.3	83.8	82.0	79.9	77.5	74.4	70.6	66.4	62.2	59.0
-72.5°	74.1	72.9	71.5	69.7	67.6	65.1	62.0	58.6	55.4	52.4	49.5
-75°	61.5	60.6	59.3	57.1	54.7	51.9	49.3	47.2	45.0	42.7	40.2
-77.5°	48.4	47.6	46.5	44.5	42.4	40.4	38.4	36.8	35.1	33.4	31.6
-80°	34.9	34.4	33.6	32.4	31.1	29.8	28.6	27.3	26.0	24.6	23.2
-82.5°	23.4	22.9	22.4	21.8	21.1	20.4	19.6	18.6	17.4	16.2	14.8
-85°	13.8	13.5	13.2	12.9	12.5	12.1	11.7	11.0	10.3	9.7	9.1
-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: P626749 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA1D-740-U-NR-XX

CANDELA DISTRIBUTION (continued):

	47.5°	50°	52.5°	55°	57.5°	60°	62.5°	65°	67.5°	70°	72.5°
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
87.5°	4.1	3.9	3.7	3.4	3.2	3.0	2.8	2.5	2.3	2.1	1.8
85°	8.7	8.3	7.8	7.3	6.7	6.0	5.5	5.1	4.6	4.1	3.6
82.5°	14.1	13.6	13.0	12.4	11.4	10.4	9.4	8.4	7.3	6.2	5.4
80°	21.8	20.5	19.2	17.9	16.4	14.8	13.5	12.1	10.7	9.2	7.8
77.5°	29.7	27.7	25.6	23.8	21.9	19.9	18.0	15.9	14.0	12.2	10.4
75°	37.7	35.3	32.8	30.3	27.7	25.0	22.7	20.2	17.7	15.2	13.0
72.5°	46.5	43.4	40.2	37.0	33.9	30.8	27.6	24.5	21.6	18.7	15.7
70°	55.7	51.9	48.1	44.5	40.6	36.6	32.9	29.2	25.4	22.0	18.7
67.5°	65.4	61.5	57.0	52.2	47.8	43.3	38.4	34.0	29.7	25.4	21.6
65°	76.1	71.2	66.5	60.9	55.4	50.1	44.7	39.0	34.0	29.2	24.5
62.5°	86.4	80.6	74.9	69.2	63.1	57.0	51.0	44.6	38.3	32.9	27.6
60°	96.7	90.2	83.2	76.7	70.4	63.9	57.1	50.0	43.1	36.6	30.8
57.5°	106.5	99.6	91.7	84.0	77.0	70.3	63.0	55.3	47.8	40.5	33.9
55°	115.5	107.9	99.7	91.4	83.4	76.1	68.5	60.3	52.3	44.5	36.9
52.5°	123.9	115.9	107.2	98.3	89.7	81.6	73.6	65.2	56.6	48.2	40.1
50°	131.7	123.9	114.6	105.1	95.6	87.1	78.7	69.8	60.7	51.9	43.2
47.5°	138.4	131.0	122.1	111.8	101.6	92.5	83.7	74.4	64.6	55.3	46.2
45°	143.9	137.6	129.0	118.7	107.8	98.1	88.6	78.8	68.6	58.6	49.1
42.5°	149.0	143.2	135.4	125.4	114.1	103.6	93.4	83.2	72.5	61.8	51.9
40°	154.3	148.0	141.3	131.3	120.0	108.9	98.2	87.4	76.3	64.9	54.6
37.5°	159.2	152.7	145.8	136.7	125.4	113.9	102.8	91.5	79.8	68.0	57.1
35°	164.1	156.8	149.8	141.0	130.0	118.5	107.2	95.4	83.1	70.9	59.4
32.5°	168.8	160.7	153.1	144.5	134.3	122.5	111.1	98.8	86.2	73.6	61.6
30°	173.1	164.3	156.3	147.8	137.9	126.1	114.4	101.9	89.1	76.1	63.7
27.5°	176.5	167.3	159.3	150.7	140.7	129.3	117.3	104.7	91.7	78.3	65.7
25°	180.0	170.1	161.7	153.4	143.4	132.5	120.0	107.2	94.0	80.4	67.5
22.5°	183.8	172.7	163.6	155.9	146.2	135.7	122.5	109.3	96.0	82.4	69.1
20°	187.2	174.9	165.0	157.9	148.4	138.0	125.0	111.3	97.8	84.1	70.4
17.5°	190.2	177.3	166.9	159.0	150.2	140.0	127.2	113.0	99.2	85.5	71.6
15°	193.3	179.8	168.6	160.0	151.6	141.7	129.3	114.5	100.4	86.8	72.7
12.5°	196.0	181.8	169.9	160.7	152.6	143.0	131.1	115.7	101.3	87.8	73.7
10°	198.3	183.4	170.9	161.2	153.4	144.1	132.6	116.9	102.3	88.7	74.5
7.5°	200.1	184.5	171.6	161.5	153.9	144.9	134.0	118.3	103.2	89.2	75.1
5°	201.4	185.3	172.6	162.4	154.5	145.6	134.9	119.4	103.8	89.5	75.6
2.5°	202.4	186.1	173.6	163.3	154.9	146.0	135.4	120.2	104.2	89.6	75.9
0°	202.7	186.3	174.4	163.9	155.0	146.1	135.6	120.7	104.3	89.4	76.0
-2.5°	202.4	186.1	173.6	163.3	154.9	146.0	135.4	120.2	104.2	89.6	75.9
-5°	201.4	185.3	172.6	162.4	154.5	145.6	134.9	119.4	103.8	89.5	75.6
-7.5°	200.1	184.5	171.6	161.5	153.9	144.9	134.0	118.3	103.2	89.2	75.1
-10°	198.3	183.4	170.9	161.2	153.4	144.1	132.6	116.9	102.3	88.7	74.5
-12.5°	196.0	181.8	169.9	160.7	152.6	143.0	131.1	115.7	101.3	87.8	73.7
-15°	193.3	179.8	168.6	160.0	151.6	141.7	129.3	114.5	100.4	86.8	72.7
-17.5°	190.2	177.3	166.9	159.0	150.2	140.0	127.2	113.0	99.2	85.5	71.6
-20°	187.2	174.9	165.0	157.9	148.4	138.0	125.0	111.3	97.8	84.1	70.4

Classified

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

Scaled Data Report



REPORT NUMBER: P626749 (CONVERTED FROM TYPE C PHOTOMETRY)

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

CANDELA DISTRIBUTION (continued):

	47.5°	50°	52.5°	55°	57.5°	60°	62.5°	65°	67.5°	70°	72.5°
-22.5°	183.8	172.7	163.6	155.9	146.2	135.7	122.5	109.3	96.0	82.4	69.1
-25°	180.0	170.1	161.7	153.4	143.4	132.5	120.0	107.2	94.0	80.4	67.5
-27.5°	176.5	167.3	159.3	150.7	140.7	129.3	117.3	104.7	91.7	78.3	65.7
-30°	173.1	164.3	156.3	147.8	137.9	126.1	114.4	101.9	89.1	76.1	63.7
-32.5°	168.8	160.7	153.1	144.5	134.3	122.5	111.1	98.8	86.2	73.6	61.6
-35°	164.1	156.8	149.8	141.0	130.0	118.5	107.2	95.4	83.1	70.9	59.4
-37.5°	159.2	152.7	145.8	136.7	125.4	113.9	102.8	91.5	79.8	68.0	57.1
-40°	154.3	148.0	141.3	131.3	120.0	108.9	98.2	87.4	76.3	64.9	54.6
-42.5°	149.0	143.2	135.4	125.4	114.1	103.6	93.4	83.2	72.5	61.8	51.9
-45°	143.9	137.6	129.0	118.7	107.8	98.1	88.6	78.8	68.6	58.6	49.1
-47.5°	138.4	131.0	122.1	111.8	101.6	92.5	83.7	74.4	64.6	55.3	46.2
-50°	131.7	123.9	114.6	105.1	95.6	87.1	78.7	69.8	60.7	51.9	43.2
-52.5°	123.9	115.9	107.2	98.3	89.7	81.6	73.6	65.2	56.6	48.2	40.1
-55°	115.5	107.9	99.7	91.4	83.4	76.1	68.5	60.3	52.3	44.5	36.9
-57.5°	106.5	99.6	91.7	84.0	77.0	70.3	63.0	55.3	47.8	40.5	33.9
-60°	96.7	90.2	83.2	76.7	70.4	63.9	57.1	50.0	43.1	36.6	30.8
-62.5°	86.4	80.6	74.9	69.2	63.1	57.0	51.0	44.6	38.3	32.9	27.6
-65°	76.1	71.2	66.5	60.9	55.4	50.1	44.7	39.0	34.0	29.2	24.5
-67.5°	65.4	61.5	57.0	52.2	47.8	43.3	38.4	34.0	29.7	25.4	21.6
-70°	55.7	51.9	48.1	44.5	40.6	36.6	32.9	29.2	25.4	22.0	18.7
-72.5°	46.5	43.4	40.2	37.0	33.9	30.8	27.6	24.5	21.6	18.7	15.7
-75°	37.7	35.3	32.8	30.3	27.7	25.0	22.7	20.2	17.7	15.2	13.0
-77.5°	29.7	27.7	25.6	23.8	21.9	19.9	18.0	15.9	14.0	12.2	10.4
-80°	21.8	20.5	19.2	17.9	16.4	14.8	13.5	12.1	10.7	9.2	7.8
-82.5°	14.1	13.6	13.0	12.4	11.4	10.4	9.4	8.4	7.3	6.2	5.4
-85°	8.7	8.3	7.8	7.3	6.7	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

Classified

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

Scaled Data Report



REPORT NUMBER: P626749 (CONVERTED FROM TYPE C PHOTOMETRY)
CATALOG NUMBER: GFLD-SA1D-740-U-NR-XX

CANDELA DISTRIBUTION (continued):

	75°	77.5°	80°	82.5°	85°	87.5°	90°
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0
87.5°	1.6	1.3	1.0	0.8	0.5	0.2	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	0.7	0.0
80°	6.3	5.2	4.1	3.1	2.1	0.9	0.0
77.5°	8.5	6.6	5.2	3.9	2.6	1.1	0.0
75°	10.7	8.4	6.2	4.6	3.1	1.4	0.0
72.5°	12.9	10.2	7.6	5.4	3.6	1.6	0.0
70°	15.1	11.9	8.9	6.2	4.0	1.8	0.0
67.5°	17.6	13.6	10.2	7.1	4.5	2.0	0.0
65°	20.0	15.4	11.5	8.0	4.9	2.2	0.0
62.5°	22.4	17.4	12.7	8.9	5.4	2.4	0.0
60°	24.7	19.3	13.9	9.8	5.8	2.6	0.0
57.5°	27.3	21.2	15.4	10.6	6.3	2.8	0.0
55°	29.9	23.1	16.9	11.4	6.9	2.9	0.0
52.5°	32.4	24.9	18.3	12.2	7.4	3.1	0.0
50°	34.8	26.9	19.7	13.0	7.9	3.3	0.0
47.5°	37.1	28.8	21.0	13.7	8.3	3.4	0.0
45°	39.6	30.6	22.3	14.7	8.8	3.6	0.0
42.5°	42.0	32.4	23.5	15.6	9.3	3.7	0.0
40°	44.2	34.1	24.7	16.5	9.7	3.8	0.0
37.5°	46.4	35.7	26.0	17.3	10.1	3.9	0.0
35°	48.4	37.3	27.2	18.1	10.5	4.0	0.0
32.5°	50.3	38.8	28.3	18.9	10.9	4.1	0.0
30°	52.0	40.3	29.3	19.6	11.2	4.2	0.0
27.5°	53.6	41.7	30.3	20.3	11.5	4.3	0.0
25°	55.1	42.9	31.3	20.9	11.8	4.4	0.0
22.5°	56.5	44.0	32.1	21.4	12.1	4.4	0.0
20°	57.7	45.0	32.9	21.9	12.4	4.5	0.0
17.5°	58.7	45.8	33.6	22.3	12.6	4.5	0.0
15°	59.5	46.5	34.1	22.7	12.8	4.5	0.0
12.5°	60.1	47.0	34.7	23.1	13.0	4.6	0.0
10°	60.6	47.4	35.1	23.3	13.1	4.6	0.0
7.5°	61.0	47.7	35.4	23.5	13.3	4.6	0.0
5°	61.2	47.8	35.6	23.7	13.3	4.5	0.0
2.5°	61.2	47.8	35.8	23.8	13.4	4.5	0.0
0°	61.1	47.7	35.8	23.8	13.4	4.5	0.0
-2.5°	61.2	47.8	35.8	23.8	13.4	4.5	0.0
-5°	61.2	47.8	35.6	23.7	13.3	4.5	0.0
-7.5°	61.0	47.7	35.4	23.5	13.3	4.6	0.0
-10°	60.6	47.4	35.1	23.3	13.1	4.6	0.0
-12.5°	60.1	47.0	34.7	23.1	13.0	4.6	0.0
-15°	59.5	46.5	34.1	22.7	12.8	4.5	0.0
-17.5°	58.7	45.8	33.6	22.3	12.6	4.5	0.0
-20°	57.7	45.0	32.9	21.9	12.4	4.5	0.0

Classified

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

Scaled Data Report



REPORT NUMBER: P626749 (CONVERTED FROM TYPE C PHOTOMETRY)

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

CANDELA DISTRIBUTION (continued):

	75°	77.5°	80°	82.5°	85°	87.5°	90°
-22.5°	56.5	44.0	32.1	21.4	12.1	4.4	0.0
-25°	55.1	42.9	31.3	20.9	11.8	4.4	0.0
-27.5°	53.6	41.7	30.3	20.3	11.5	4.3	0.0
-30°	52.0	40.3	29.3	19.6	11.2	4.2	0.0
-32.5°	50.3	38.8	28.3	18.9	10.9	4.1	0.0
-35°	48.4	37.3	27.2	18.1	10.5	4.0	0.0
-37.5°	46.4	35.7	26.0	17.3	10.1	3.9	0.0
-40°	44.2	34.1	24.7	16.5	9.7	3.8	0.0
-42.5°	42.0	32.4	23.5	15.6	9.3	3.7	0.0
-45°	39.6	30.6	22.3	14.7	8.8	3.6	0.0
-47.5°	37.1	28.8	21.0	13.7	8.3	3.4	0.0
-50°	34.8	26.9	19.7	13.0	7.9	3.3	0.0
-52.5°	32.4	24.9	18.3	12.2	7.4	3.1	0.0
-55°	29.9	23.1	16.9	11.4	6.9	2.9	0.0
-57.5°	27.3	21.2	15.4	10.6	6.3	2.8	0.0
-60°	24.7	19.3	13.9	9.8	5.8	2.6	0.0
-62.5°	22.4	17.4	12.7	8.9	5.4	2.4	0.0
-65°	20.0	15.4	11.5	8.0	4.9	2.2	0.0
-67.5°	17.6	13.6	10.2	7.1	4.5	2.0	0.0
-70°	15.1	11.9	8.9	6.2	4.0	1.8	0.0
-72.5°	12.9	10.2	7.6	5.4	3.6	1.6	0.0
-75°	10.7	8.4	6.2	4.6	3.1	1.4	0.0
-77.5°	8.5	6.6	5.2	3.9	2.6	1.1	0.0
-80°	6.3	5.2	4.1	3.1	2.1	0.9	0.0
-82.5°	4.6	3.9	3.1	2.3	1.6	0.7	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	0.2	0.0
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0

(END OF REPORT)