

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: P626725 (CONVERTED FROM TYPE C PHOTOMETRY)

Luminaire Tested: **GFLD-SA1D-730-U-MR-XX**

Issue Date: 12/7/2022

Test Information

Test Method: LM-79-08
Report Number: P626725 (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-730-U-MR-XX
Description: GALLEON FLOOD, ONE LIGHT SQAURE, MEDIUM SYMMETRICAL ROUND N17
Light Source: (16) 3000K CCT, 70 CRI LEDS
Ballast/Driver: -

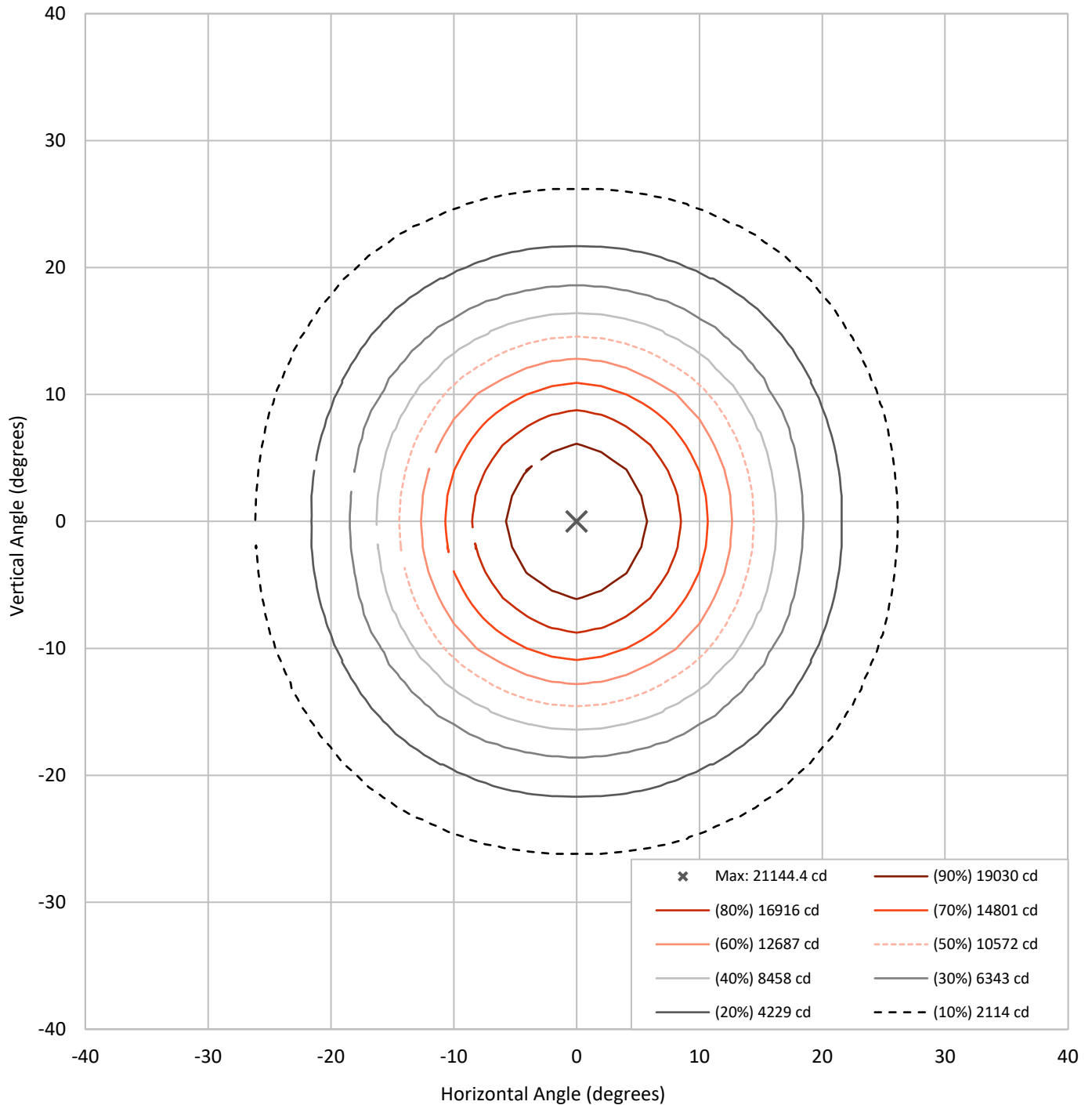
Summary

Lumens per Lamp:	N/A	NEMA Type:	4H x 4V
Luminaire Lumens:	6606.2 lumens	Max Intensity:	21144.4 candela
Efficiency:	N/A	Max Intensity Angle:	0°H x 0°V
Efficacy:	115.3 lumens/watt		
Luminous Opening:	Rectangular (W 0.5' x L: 0.5' x H: 0')		
Beam Angle (50%):	28.8°H x 29°V	Field Angle (10%):	52.3°H x 52.3°V
Beam Lumens:	3211.9 lumens	Field Lumens:	5420.3 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





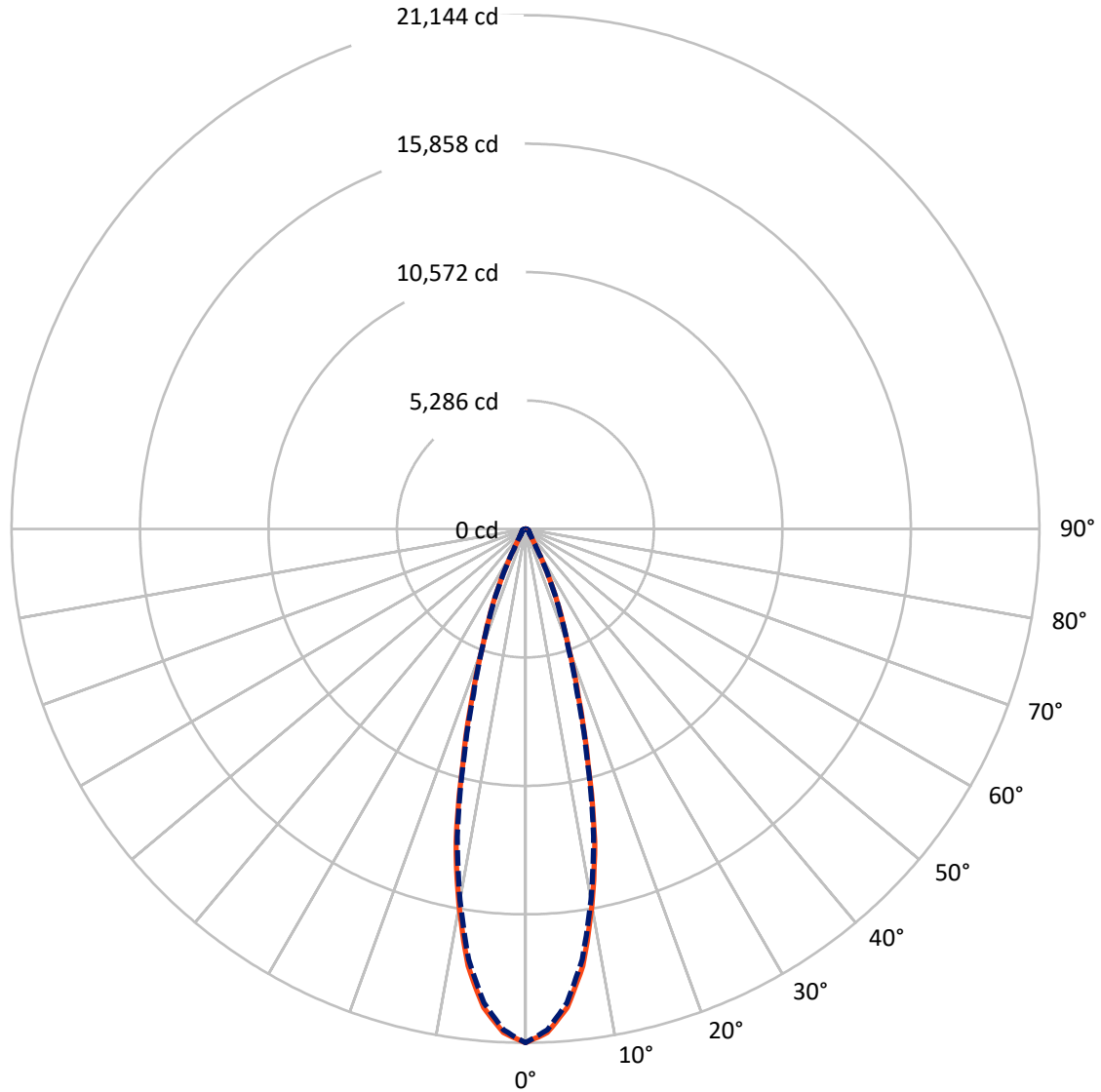
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Lumen Table

90																			
80	0.1	1.1		2.9		4.5		5.0		4.5		2.9		1.1		0.1			
70																			
60	0.5	0.6	1.1	1.9	2.6	3.2	3.6	3.8	3.8	3.6	3.2	2.6	1.9	1.1	0.6	0.5			
50		0.8	1.7	2.8	3.7	4.5	5.1	5.3	5.3	5.1	4.5	3.7	2.8	1.7	0.8				
40	0.9	1.1	2.2	3.4	4.5	5.7	6.7	7.2	7.2	6.7	5.7	4.5	3.4	2.2	1.1	0.9			
30		1.3	2.6	3.9	5.5	7.9	11.4	14.9	14.9	11.4	7.9	5.5	3.9	2.6	1.3				
20	1.1	1.4	2.8	4.4	7.1	15.4	43.5	77.1	77.1	43.5	15.4	7.1	4.4	2.8	1.4	1.1			
10		1.5	2.9	4.8	9.7	40.5	144.5	276.9	276.9	144.5	40.5	9.7	4.8	2.9	1.5				
0	1.2	1.6	3.0	5.1	12.3	70.0	267.5	526.1	526.1	267.5	70.0	12.3	5.1	3.0	1.6	1.2			
-10		1.6	3.0	5.1	12.3	70.0	267.5	526.1	526.1	267.5	70.0	12.3	5.1	3.0	1.6				
-20	1.1	1.5	2.9	4.8	9.7	40.5	144.5	276.9	276.9	144.5	40.5	9.7	4.8	2.9	1.5	1.1			
-30		1.4	2.8	4.4	7.1	15.4	43.5	77.1	77.1	43.5	15.4	7.1	4.4	2.8	1.4				
-40	0.9	1.3	2.6	3.9	5.5	7.9	11.4	14.9	14.9	11.4	7.9	5.5	3.9	2.6	1.3	0.9			
-50		1.1	2.2	3.4	4.5	5.7	6.7	7.2	7.2	6.7	5.7	4.5	3.4	2.2	1.1				
-60	0.5	0.8	1.7	2.8	3.7	4.5	5.1	5.3	5.3	5.1	4.5	3.7	2.8	1.7	0.8	0.5			
-70		0.6	1.1	1.9	2.6	3.2	3.6	3.8	3.8	3.6	3.2	2.6	1.9	1.1	0.6				
-80																			
-90	0.1	1.1		2.9		4.5		5.0		4.5		2.9		1.1		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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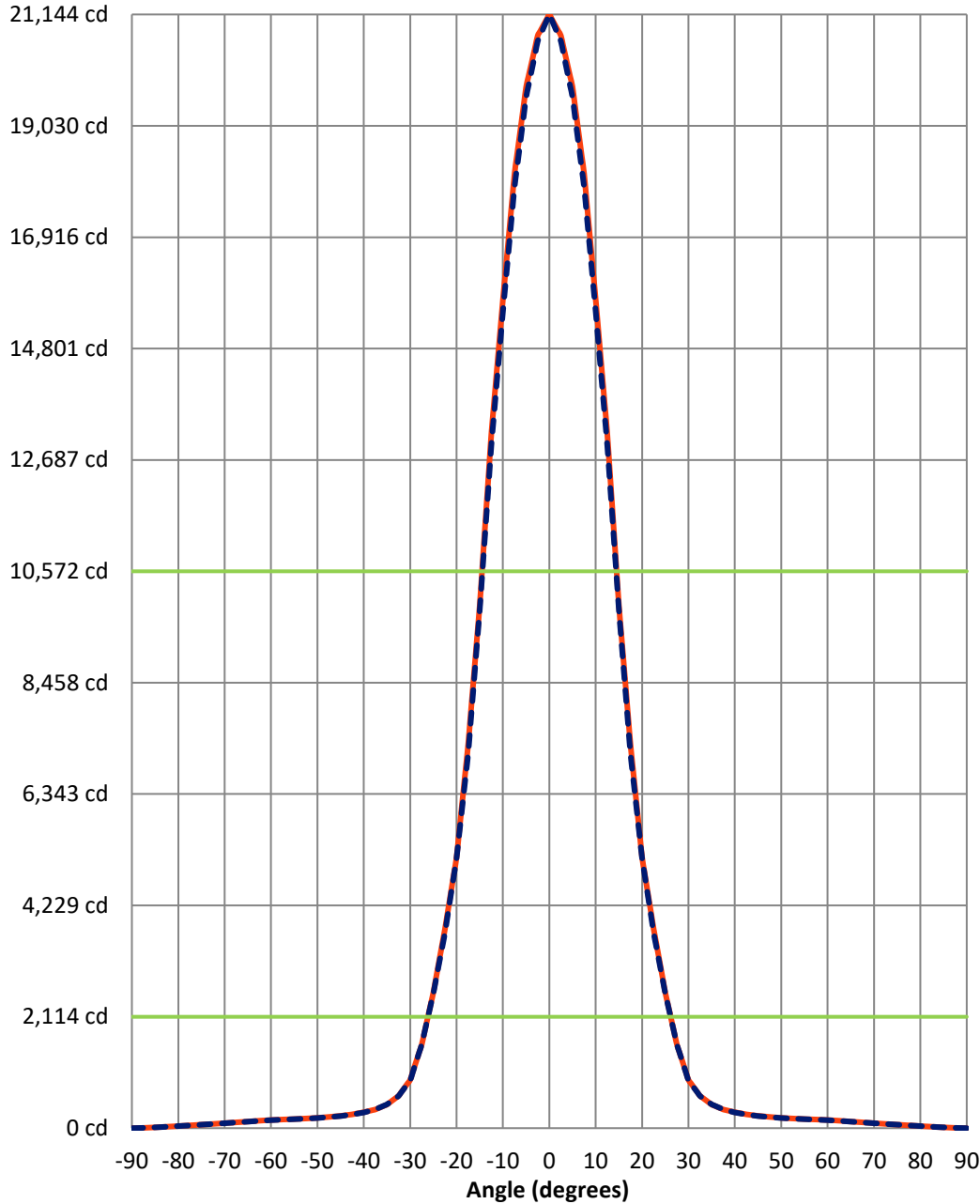
Luminous Intensity Polar Plot



— Vertical Distribution Through 0-Deg - - - Horizontal Distribution Through 0-Deg

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Luminous Intensity Plot



Beam:
 H Angle: 28.8°
 V Angle: 29°
 Lumens: 3211.9
 Efficiency: 48.6%

Field:
 H Angle: 52.3°
 V Angle: 52.3°
 Lumens: 5420.3
 Efficiency: 82.0%

Spill:
 Lumens: 1185.9
 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	0.5	0.7	0.9	1.2	1.4	1.6	1.8	2.1	2.3
85°	0.0	0.5	0.9	1.4	1.9	2.3	2.8	3.2	3.7	4.1	4.6
82.5°	0.0	0.7	1.4	2.1	2.8	3.5	4.2	4.9	5.6	6.9	8.3
80°	0.0	0.9	1.9	2.8	3.7	4.7	5.7	7.3	9.1	10.9	12.8
77.5°	0.0	1.2	2.3	3.5	4.7	6.1	8.1	10.2	12.5	14.8	17.4
75°	0.0	1.4	2.8	4.2	5.7	8.1	10.5	13.1	15.9	19.2	22.4
72.5°	0.0	1.6	3.2	4.9	7.3	10.1	12.9	16.1	19.9	23.7	27.4
70°	0.0	1.8	3.7	5.6	8.8	12.0	15.3	19.5	23.8	28.1	32.7
67.5°	0.0	2.1	4.1	6.8	10.4	14.0	18.2	22.9	27.7	32.9	38.1
65°	0.0	2.3	4.6	7.9	11.9	16.1	21.1	26.3	32.0	37.7	43.5
62.5°	0.0	2.5	5.0	9.0	13.4	18.5	24.0	29.8	36.1	42.4	49.0
60°	0.0	2.7	5.4	10.1	14.8	20.8	26.8	33.4	40.2	47.2	54.4
57.5°	0.0	2.9	6.1	11.2	16.6	23.1	29.7	36.9	44.3	51.9	59.8
55°	0.0	3.1	6.8	12.2	18.4	25.3	32.6	40.3	48.2	56.4	65.0
52.5°	0.0	3.3	7.5	13.2	20.1	27.5	35.4	43.6	51.9	61.0	70.1
50°	0.0	3.5	8.1	14.2	21.8	29.7	38.0	46.7	55.6	65.4	74.8
47.5°	0.0	3.6	8.7	15.2	23.4	31.8	40.6	49.8	59.4	69.6	79.3
45°	0.0	3.8	9.3	16.3	24.9	33.8	43.1	52.7	63.1	73.4	83.5
42.5°	0.0	4.0	9.9	17.4	26.4	35.7	45.5	55.7	66.6	77.0	87.4
40°	0.0	4.1	10.4	18.5	27.8	37.5	47.8	58.5	69.7	80.3	91.0
37.5°	0.0	4.3	11.0	19.5	29.2	39.2	50.0	61.2	72.6	83.5	94.5
35°	0.0	4.4	11.5	20.4	30.5	40.8	52.0	63.7	75.2	86.5	97.8
32.5°	0.0	4.6	11.9	21.2	31.7	42.4	54.0	66.0	77.7	89.4	100.9
30°	0.0	4.7	12.3	22.0	32.8	43.9	55.8	68.1	80.1	92.0	103.8
27.5°	0.0	4.8	12.7	22.7	33.8	45.3	57.5	69.9	82.2	94.4	106.5
25°	0.0	4.9	13.1	23.3	34.7	46.5	59.0	71.6	84.1	96.6	109.0
22.5°	0.0	5.0	13.5	23.9	35.5	47.7	60.3	73.2	85.9	98.5	111.5
20°	0.0	5.1	13.8	24.4	36.3	48.6	61.5	74.5	87.4	100.3	113.7
17.5°	0.0	5.1	14.0	24.8	37.0	49.5	62.6	75.7	88.7	101.8	115.6
15°	0.0	5.2	14.3	25.1	37.6	50.2	63.6	76.8	89.9	103.1	117.3
12.5°	0.0	5.3	14.4	25.4	38.2	50.8	64.5	77.8	90.9	104.2	118.6
10°	0.0	5.3	14.6	25.6	38.6	51.2	65.2	78.6	91.9	105.5	119.9
7.5°	0.0	5.4	14.7	25.8	38.9	51.5	65.7	79.3	92.6	106.6	121.2
5°	0.0	5.4	14.8	25.8	39.2	51.6	66.2	79.7	93.2	107.5	122.3
2.5°	0.0	5.4	14.9	25.9	39.3	51.7	66.4	80.0	93.5	108.2	123.0
0°	0.0	5.4	14.9	25.8	39.4	51.6	66.5	80.1	93.6	108.6	123.5
-2.5°	0.0	5.4	14.9	25.9	39.3	51.7	66.4	80.0	93.5	108.2	123.0
-5°	0.0	5.4	14.8	25.8	39.2	51.6	66.2	79.7	93.2	107.5	122.3
-7.5°	0.0	5.4	14.7	25.8	38.9	51.5	65.7	79.3	92.6	106.6	121.2
-10°	0.0	5.3	14.6	25.6	38.6	51.2	65.2	78.6	91.9	105.5	119.9
-12.5°	0.0	5.3	14.4	25.4	38.2	50.8	64.5	77.8	90.9	104.2	118.6
-15°	0.0	5.2	14.3	25.1	37.6	50.2	63.6	76.8	89.9	103.1	117.3
-17.5°	0.0	5.1	14.0	24.8	37.0	49.5	62.6	75.7	88.7	101.8	115.6
-20°	0.0	5.1	13.8	24.4	36.3	48.6	61.5	74.5	87.4	100.3	113.7

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CATALOG NUMBER: GFLD-SA1D-730-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	5.0	13.5	23.9	35.5	47.7	60.3	73.2	85.9	98.5	111.5
-25°	0.0	4.9	13.1	23.3	34.7	46.5	59.0	71.6	84.1	96.6	109.0
-27.5°	0.0	4.8	12.7	22.7	33.8	45.3	57.5	69.9	82.2	94.4	106.5
-30°	0.0	4.7	12.3	22.0	32.8	43.9	55.8	68.1	80.1	92.0	103.8
-32.5°	0.0	4.6	11.9	21.2	31.7	42.4	54.0	66.0	77.7	89.4	100.9
-35°	0.0	4.4	11.5	20.4	30.5	40.8	52.0	63.7	75.2	86.5	97.8
-37.5°	0.0	4.3	11.0	19.5	29.2	39.2	50.0	61.2	72.6	83.5	94.5
-40°	0.0	4.1	10.4	18.5	27.8	37.5	47.8	58.5	69.7	80.3	91.0
-42.5°	0.0	4.0	9.9	17.4	26.4	35.7	45.5	55.7	66.6	77.0	87.4
-45°	0.0	3.8	9.3	16.3	24.9	33.8	43.1	52.7	63.1	73.4	83.5
-47.5°	0.0	3.6	8.7	15.2	23.4	31.8	40.6	49.8	59.4	69.6	79.3
-50°	0.0	3.5	8.1	14.2	21.8	29.7	38.0	46.7	55.6	65.4	74.8
-52.5°	0.0	3.3	7.5	13.2	20.1	27.5	35.4	43.6	51.9	61.0	70.1
-55°	0.0	3.1	6.8	12.2	18.4	25.3	32.6	40.3	48.2	56.4	65.0
-57.5°	0.0	2.9	6.1	11.2	16.6	23.1	29.7	36.9	44.3	51.9	59.8
-60°	0.0	2.7	5.4	10.1	14.8	20.8	26.8	33.4	40.2	47.2	54.4
-62.5°	0.0	2.5	5.0	9.0	13.4	18.5	24.0	29.8	36.1	42.4	49.0
-65°	0.0	2.3	4.6	7.9	11.9	16.1	21.1	26.3	32.0	37.7	43.5
-67.5°	0.0	2.1	4.1	6.8	10.4	14.0	18.2	22.9	27.7	32.9	38.1
-70°	0.0	1.8	3.7	5.6	8.8	12.0	15.3	19.5	23.8	28.1	32.7
-72.5°	0.0	1.6	3.2	4.9	7.3	10.1	12.9	16.1	19.9	23.7	27.4
-75°	0.0	1.4	2.8	4.2	5.7	8.1	10.5	13.1	15.9	19.2	22.4
-77.5°	0.0	1.2	2.3	3.5	4.7	6.1	8.1	10.2	12.5	14.8	17.4
-80°	0.0	0.9	1.9	2.8	3.7	4.7	5.7	7.3	9.1	10.9	12.8
-82.5°	0.0	0.7	1.4	2.1	2.8	3.5	4.2	4.9	5.6	6.9	8.3
-85°	0.0	0.5	0.9	1.4	1.9	2.3	2.8	3.2	3.7	4.1	4.6
-87.5°	0.0	0.2	0.5	0.7	0.9	1.2	1.4	1.6	1.8	2.1	2.3
-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°	2.5	2.7	2.9	3.1	3.3	3.5	3.6	3.8	4.0	4.1	4.3
85°	5.0	5.4	6.2	7.0	7.8	8.5	9.2	9.9	10.6	11.2	11.8
82.5°	9.6	10.8	12.0	13.2	14.4	15.5	16.6	17.6	18.6	19.5	20.4
80°	14.6	16.2	17.9	19.4	20.9	22.4	23.8	25.2	26.5	27.9	29.4
77.5°	19.8	21.9	23.8	25.6	27.5	29.8	32.0	34.2	36.3	38.2	40.1
75°	25.2	27.6	30.3	32.9	35.6	38.4	41.1	43.7	46.2	48.8	51.4
72.5°	30.9	34.2	37.4	40.5	43.9	47.3	50.4	53.2	56.4	60.0	63.2
70°	37.0	40.8	44.8	48.8	52.6	56.4	60.3	64.1	68.0	71.8	75.5
67.5°	43.1	47.8	52.5	57.0	61.4	65.9	70.5	75.2	79.7	83.9	88.1
65°	49.5	54.8	60.0	65.1	70.1	75.6	81.0	86.2	91.9	97.1	101.7
62.5°	55.8	61.8	67.5	73.3	79.3	85.4	91.6	98.1	104.9	109.8	114.0
60°	61.9	68.6	75.0	81.6	88.3	95.1	102.3	109.3	115.5	120.8	125.2
57.5°	67.8	75.3	82.5	89.6	96.9	104.6	112.6	119.7	125.5	130.6	135.5
55°	73.5	81.9	89.5	97.0	105.3	114.5	122.6	129.0	134.9	139.1	143.8
52.5°	79.0	87.9	95.8	104.3	113.8	123.3	131.3	137.6	142.5	146.9	151.5
50°	84.2	93.2	101.9	111.6	121.7	131.2	139.3	145.0	150.0	154.6	159.0
47.5°	88.9	98.2	108.2	118.6	129.0	138.4	146.2	152.0	157.2	161.9	166.7
45°	93.4	103.4	114.0	125.3	136.0	145.3	152.4	158.7	163.7	169.0	175.0
42.5°	97.6	108.4	119.8	131.9	142.8	151.3	158.3	164.3	170.0	176.4	183.1
40°	101.8	113.0	125.4	138.1	149.2	156.6	163.5	169.9	176.5	183.7	191.0
37.5°	105.7	117.7	130.6	143.8	153.9	161.6	168.7	175.9	183.3	191.0	200.1
35°	109.3	122.1	135.6	148.4	158.1	166.5	174.1	181.8	190.1	199.6	209.6
32.5°	112.8	126.1	140.2	152.2	161.9	170.8	179.2	187.9	197.4	207.9	219.3
30°	116.2	129.9	144.3	156.1	165.2	174.4	184.2	193.9	204.5	216.1	229.5
27.5°	119.6	133.5	147.7	159.2	168.2	177.5	188.0	199.9	211.4	224.1	239.7
25°	122.6	137.2	151.0	161.6	170.7	180.4	191.5	204.1	217.6	232.7	251.8
22.5°	125.5	140.6	154.2	163.7	172.8	183.0	194.9	208.2	223.0	240.5	263.8
20°	128.2	143.1	156.3	165.6	174.6	185.1	197.9	211.9	228.7	250.0	277.9
17.5°	130.6	145.3	157.7	167.2	176.4	187.2	200.5	215.0	234.0	258.4	291.3
15°	132.6	147.1	159.0	168.4	178.0	189.5	203.1	218.9	239.7	266.5	303.0
12.5°	134.2	148.5	160.1	169.2	179.2	191.1	205.3	222.7	245.4	275.5	318.7
10°	135.5	149.6	160.9	169.8	180.0	192.2	207.0	225.7	250.0	283.0	332.2
7.5°	136.8	150.5	161.5	170.0	180.6	192.7	208.3	227.7	253.4	288.6	342.9
5°	137.7	151.3	161.8	170.5	180.9	193.0	209.1	228.9	255.5	292.3	350.5
2.5°	138.2	151.8	161.8	170.9	180.9	193.1	210.1	229.6	257.8	295.4	354.8
0°	138.4	152.0	161.5	171.0	180.5	192.7	210.4	229.4	259.2	297.2	355.6
-2.5°	138.2	151.8	161.8	170.9	180.9	193.1	210.1	229.6	257.8	295.4	354.8
-5°	137.7	151.3	161.8	170.5	180.9	193.0	209.1	228.9	255.5	292.3	350.5
-7.5°	136.8	150.5	161.5	170.0	180.6	192.7	208.3	227.7	253.4	288.6	342.9
-10°	135.5	149.6	160.9	169.8	180.0	192.2	207.0	225.7	250.0	283.0	332.2
-12.5°	134.2	148.5	160.1	169.2	179.2	191.1	205.3	222.7	245.4	275.5	318.7
-15°	132.6	147.1	159.0	168.4	178.0	189.5	203.1	218.9	239.7	266.5	303.0
-17.5°	130.6	145.3	157.7	167.2	176.4	187.2	200.5	215.0	234.0	258.4	291.3
-20°	128.2	143.1	156.3	165.6	174.6	185.1	197.9	211.9	228.7	250.0	277.9

Classified

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

Scaled Data Report



REPORT NUMBER: P626725 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA1D-730-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°	125.5	140.6	154.2	163.7	172.8	183.0	194.9	208.2	223.0	240.5	263.8
-25°	122.6	137.2	151.0	161.6	170.7	180.4	191.5	204.1	217.6	232.7	251.8
-27.5°	119.6	133.5	147.7	159.2	168.2	177.5	188.0	199.9	211.4	224.1	239.7
-30°	116.2	129.9	144.3	156.1	165.2	174.4	184.2	193.9	204.5	216.1	229.5
-32.5°	112.8	126.1	140.2	152.2	161.9	170.8	179.2	187.9	197.4	207.9	219.3
-35°	109.3	122.1	135.6	148.4	158.1	166.5	174.1	181.8	190.1	199.6	209.6
-37.5°	105.7	117.7	130.6	143.8	153.9	161.6	168.7	175.9	183.3	191.0	200.1
-40°	101.8	113.0	125.4	138.1	149.2	156.6	163.5	169.9	176.5	183.7	191.0
-42.5°	97.6	108.4	119.8	131.9	142.8	151.3	158.3	164.3	170.0	176.4	183.1
-45°	93.4	103.4	114.0	125.3	136.0	145.3	152.4	158.7	163.7	169.0	175.0
-47.5°	88.9	98.2	108.2	118.6	129.0	138.4	146.2	152.0	157.2	161.9	166.7
-50°	84.2	93.2	101.9	111.6	121.7	131.2	139.3	145.0	150.0	154.6	159.0
-52.5°	79.0	87.9	95.8	104.3	113.8	123.3	131.3	137.6	142.5	146.9	151.5
-55°	73.5	81.9	89.5	97.0	105.3	114.5	122.6	129.0	134.9	139.1	143.8
-57.5°	67.8	75.3	82.5	89.6	96.9	104.6	112.6	119.7	125.5	130.6	135.5
-60°	61.9	68.6	75.0	81.6	88.3	95.1	102.3	109.3	115.5	120.8	125.2
-62.5°	55.8	61.8	67.5	73.3	79.3	85.4	91.6	98.1	104.9	109.8	114.0
-65°	49.5	54.8	60.0	65.1	70.1	75.6	81.0	86.2	91.9	97.1	101.7
-67.5°	43.1	47.8	52.5	57.0	61.4	65.9	70.5	75.2	79.7	83.9	88.1
-70°	37.0	40.8	44.8	48.8	52.6	56.4	60.3	64.1	68.0	71.8	75.5
-72.5°	30.9	34.2	37.4	40.5	43.9	47.3	50.4	53.2	56.4	60.0	63.2
-75°	25.2	27.6	30.3	32.9	35.6	38.4	41.1	43.7	46.2	48.8	51.4
-77.5°	19.8	21.9	23.8	25.6	27.5	29.8	32.0	34.2	36.3	38.2	40.1
-80°	14.6	16.2	17.9	19.4	20.9	22.4	23.8	25.2	26.5	27.9	29.4
-82.5°	9.6	10.8	12.0	13.2	14.4	15.5	16.6	17.6	18.6	19.5	20.4
-85°	5.0	5.4	6.2	7.0	7.8	8.5	9.2	9.9	10.6	11.2	11.8
-87.5°	2.5	2.7	2.9	3.1	3.3	3.5	3.6	3.8	4.0	4.1	4.3
-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: P626725 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA1D-730-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°	4.4	4.6	4.7	4.8	4.9	5.0	5.1	5.1	5.2	5.3	5.3
85°	12.4	12.9	13.4	13.8	14.3	14.3	14.4	14.3	14.3	14.4	14.6
82.5°	21.2	22.2	23.1	24.1	25.0	25.4	25.6	25.8	25.9	26.2	26.5
80°	30.8	32.3	33.7	35.0	36.1	36.9	37.6	38.2	38.8	39.1	39.3
77.5°	42.0	43.8	45.5	47.1	48.5	49.7	50.6	51.4	52.0	52.4	52.6
75°	53.9	56.3	58.3	60.2	62.0	63.2	64.1	64.7	65.2	65.6	66.0
72.5°	66.1	68.7	71.2	73.5	75.5	76.9	77.9	78.7	79.3	79.8	80.0
70°	78.9	82.0	84.7	87.0	88.8	90.2	91.3	92.1	92.8	93.2	93.5
67.5°	92.1	95.4	97.9	99.9	101.6	103.0	104.4	105.3	106.0	106.6	107.3
65°	105.5	108.9	111.5	113.6	115.3	117.2	118.9	120.2	121.0	121.8	122.6
62.5°	118.1	122.0	125.0	127.8	130.7	133.3	134.9	136.0	136.9	137.6	138.5
60°	129.7	134.1	137.7	141.1	144.5	148.0	149.4	150.5	151.6	152.6	153.5
57.5°	139.8	144.5	148.9	152.3	155.6	158.9	161.1	162.3	163.1	163.6	163.9
55°	148.7	153.4	157.8	161.7	165.3	168.6	171.1	172.3	173.2	173.7	174.1
52.5°	156.7	161.7	166.4	170.7	174.6	178.2	181.3	182.9	184.3	185.2	185.5
50°	164.5	169.9	175.0	179.6	184.1	188.4	192.4	194.7	196.3	197.2	197.6
47.5°	172.6	178.5	184.0	189.3	194.5	199.6	204.3	207.4	209.7	211.4	212.6
45°	181.2	187.4	193.6	199.8	205.7	212.3	218.2	222.8	226.1	229.1	231.4
42.5°	189.7	196.7	203.8	211.9	219.9	227.4	234.4	240.5	246.0	251.4	255.6
40°	199.0	206.7	216.4	225.9	235.8	244.5	254.8	264.1	272.6	281.8	289.3
37.5°	209.1	219.1	230.5	242.0	254.9	267.3	281.8	296.0	308.3	324.4	337.3
35°	220.2	232.8	246.3	261.7	278.3	297.9	318.1	341.8	361.9	387.3	410.9
32.5°	232.5	247.3	264.8	286.0	308.5	340.0	369.5	409.6	443.9	488.1	536.4
30°	245.0	264.2	288.0	315.4	353.3	398.0	450.2	518.0	591.3	667.2	769.3
27.5°	259.9	284.8	314.5	356.7	413.5	475.4	581.6	696.3	856.0	982.4	1207.7
25°	275.9	306.7	350.7	411.8	490.3	615.5	794.7	1002.3	1322.0	1606.3	1933.0
22.5°	294.8	336.7	394.9	475.0	611.7	827.2	1107.0	1533.3	2007.1	2474.7	2902.2
20°	314.9	365.5	446.9	577.3	788.6	1100.2	1599.4	2208.5	2837.5	3478.4	4018.5
17.5°	338.4	407.0	514.2	687.4	989.0	1522.4	2189.2	2963.7	3785.5	4603.2	5313.6
15°	358.5	443.3	587.7	847.2	1296.8	1964.0	2783.5	3761.7	4795.1	5856.4	7006.8
12.5°	384.2	487.1	663.4	979.2	1569.9	2437.2	3439.9	4575.5	5837.5	7246.7	9040.0
10°	407.8	533.0	763.0	1190.8	1898.2	2879.1	4006.8	5295.2	6932.1	9049.8	11213.0
7.5°	426.7	569.4	840.2	1355.9	2173.6	3256.7	4517.3	6062.0	8104.2	10625.9	13097.5
5°	439.8	594.6	895.5	1480.6	2395.1	3545.3	4879.6	6627.3	9092.2	11916.0	14439.6
2.5°	448.1	608.4	922.5	1554.7	2539.5	3718.8	5105.6	6986.5	9697.7	12737.2	15292.3
0°	452.0	610.8	905.3	1590.7	2559.7	3706.6	5126.3	7106.5	9841.3	12960.2	15505.1
-2.5°	448.1	608.4	922.5	1554.7	2539.5	3718.8	5105.6	6986.5	9697.7	12737.2	15292.3
-5°	439.8	594.6	895.5	1480.6	2395.1	3545.3	4879.6	6627.3	9092.2	11916.0	14439.6
-7.5°	426.7	569.4	840.2	1355.9	2173.6	3256.7	4517.3	6062.0	8104.2	10625.9	13097.5
-10°	407.8	533.0	763.0	1190.8	1898.2	2879.1	4006.8	5295.2	6932.1	9049.8	11213.0
-12.5°	384.2	487.1	663.4	979.2	1569.9	2437.2	3439.9	4575.5	5837.5	7246.7	9040.0
-15°	358.5	443.3	587.7	847.2	1296.8	1964.0	2783.5	3761.7	4795.1	5856.4	7006.8
-17.5°	338.4	407.0	514.2	687.4	989.0	1522.4	2189.2	2963.7	3785.5	4603.2	5313.6
-20°	314.9	365.5	446.9	577.3	788.6	1100.2	1599.4	2208.5	2837.5	3478.4	4018.5

Classified

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

Scaled Data Report



REPORT NUMBER: P626725 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA1D-730-U-MR-XX

CANDELA DISTRIBUTION (continued):

	-35°	-32.5°	-30°	-27.5°	-25°	-22.5°	-20°	-17.5°	-15°	-12.5°	-10°
-22.5°	294.8	336.7	394.9	475.0	611.7	827.2	1107.0	1533.3	2007.1	2474.7	2902.2
-25°	275.9	306.7	350.7	411.8	490.3	615.5	794.7	1002.3	1322.0	1606.3	1933.0
-27.5°	259.9	284.8	314.5	356.7	413.5	475.4	581.6	696.3	856.0	982.4	1207.7
-30°	245.0	264.2	288.0	315.4	353.3	398.0	450.2	518.0	591.3	667.2	769.3
-32.5°	232.5	247.3	264.8	286.0	308.5	340.0	369.5	409.6	443.9	488.1	536.4
-35°	220.2	232.8	246.3	261.7	278.3	297.9	318.1	341.8	361.9	387.3	410.9
-37.5°	209.1	219.1	230.5	242.0	254.9	267.3	281.8	296.0	308.3	324.4	337.3
-40°	199.0	206.7	216.4	225.9	235.8	244.5	254.8	264.1	272.6	281.8	289.3
-42.5°	189.7	196.7	203.8	211.9	219.9	227.4	234.4	240.5	246.0	251.4	255.6
-45°	181.2	187.4	193.6	199.8	205.7	212.3	218.2	222.8	226.1	229.1	231.4
-47.5°	172.6	178.5	184.0	189.3	194.5	199.6	204.3	207.4	209.7	211.4	212.6
-50°	164.5	169.9	175.0	179.6	184.1	188.4	192.4	194.7	196.3	197.2	197.6
-52.5°	156.7	161.7	166.4	170.7	174.6	178.2	181.3	182.9	184.3	185.2	185.5
-55°	148.7	153.4	157.8	161.7	165.3	168.6	171.1	172.3	173.2	173.7	174.1
-57.5°	139.8	144.5	148.9	152.3	155.6	158.9	161.1	162.3	163.1	163.6	163.9
-60°	129.7	134.1	137.7	141.1	144.5	148.0	149.4	150.5	151.6	152.6	153.5
-62.5°	118.1	122.0	125.0	127.8	130.7	133.3	134.9	136.0	136.9	137.6	138.5
-65°	105.5	108.9	111.5	113.6	115.3	117.2	118.9	120.2	121.0	121.8	122.6
-67.5°	92.1	95.4	97.9	99.9	101.6	103.0	104.4	105.3	106.0	106.6	107.3
-70°	78.9	82.0	84.7	87.0	88.8	90.2	91.3	92.1	92.8	93.2	93.5
-72.5°	66.1	68.7	71.2	73.5	75.5	76.9	77.9	78.7	79.3	79.8	80.0
-75°	53.9	56.3	58.3	60.2	62.0	63.2	64.1	64.7	65.2	65.6	66.0
-77.5°	42.0	43.8	45.5	47.1	48.5	49.7	50.6	51.4	52.0	52.4	52.6
-80°	30.8	32.3	33.7	35.0	36.1	36.9	37.6	38.2	38.8	39.1	39.3
-82.5°	21.2	22.2	23.1	24.1	25.0	25.4	25.6	25.8	25.9	26.2	26.5
-85°	12.4	12.9	13.4	13.8	14.3	14.3	14.4	14.3	14.3	14.4	14.6
-87.5°	4.4	4.6	4.7	4.8	4.9	5.0	5.1	5.1	5.2	5.3	5.3
-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: P626725 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA1D-730-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°	5.4	5.4	5.4	5.4	5.4	5.4	5.4	5.3	5.3	5.2	5.1
85°	14.7	14.8	14.9	14.9	14.9	14.8	14.7	14.6	14.4	14.3	14.3
82.5°	26.8	27.0	27.1	27.1	27.1	27.0	26.8	26.5	26.2	25.9	25.8
80°	39.3	39.2	39.4	39.4	39.4	39.2	39.3	39.3	39.1	38.8	38.2
77.5°	52.7	52.7	52.8	52.9	52.8	52.7	52.7	52.6	52.4	52.0	51.4
75°	66.2	66.2	66.4	66.5	66.4	66.2	66.2	66.0	65.6	65.2	64.7
72.5°	80.0	79.8	80.0	80.1	80.0	79.8	80.0	80.0	79.8	79.3	78.7
70°	93.5	93.3	94.1	95.0	94.1	93.3	93.5	93.5	93.2	92.8	92.1
67.5°	107.8	108.1	109.1	109.9	109.1	108.1	107.8	107.3	106.6	106.0	105.3
65°	123.0	123.0	124.0	124.9	124.0	123.0	123.0	122.6	121.8	121.0	120.2
62.5°	139.1	139.2	140.2	141.2	140.2	139.2	139.1	138.5	137.6	136.9	136.0
60°	154.0	154.2	154.5	154.7	154.5	154.2	154.0	153.5	152.6	151.6	150.5
57.5°	164.1	163.9	164.1	164.2	164.1	163.9	164.1	163.9	163.6	163.1	162.3
55°	174.0	173.6	173.1	172.4	173.1	173.6	174.0	174.1	173.7	173.2	172.3
52.5°	185.3	184.6	183.9	183.2	183.9	184.6	185.3	185.5	185.2	184.3	182.9
50°	197.4	196.7	196.1	195.4	196.1	196.7	197.4	197.6	197.2	196.3	194.7
47.5°	213.5	213.7	213.6	213.1	213.6	213.7	213.5	212.6	211.4	209.7	207.4
45°	233.1	233.9	233.9	233.4	233.9	233.9	233.1	231.4	229.1	226.1	222.8
42.5°	258.6	260.3	261.2	261.9	261.2	260.3	258.6	255.6	251.4	246.0	240.5
40°	294.8	298.3	300.6	302.7	300.6	298.3	294.8	289.3	281.8	272.6	264.1
37.5°	346.8	353.1	356.0	354.2	356.0	353.1	346.8	337.3	324.4	308.3	296.0
35°	429.0	441.1	447.4	447.9	447.4	441.1	429.0	410.9	387.3	361.9	341.8
32.5°	572.1	596.9	610.2	612.1	610.2	596.9	572.1	536.4	488.1	443.9	409.6
30°	847.5	898.0	921.8	916.1	921.8	898.0	847.5	769.3	667.2	591.3	518.0
27.5°	1382.7	1508.7	1583.3	1589.3	1583.3	1508.7	1382.7	1207.7	982.4	856.0	696.3
25°	2222.4	2437.4	2575.2	2577.4	2575.2	2437.4	2222.4	1933.0	1606.3	1322.0	1002.3
22.5°	3297.4	3591.0	3751.8	3779.9	3751.8	3591.0	3297.4	2902.2	2474.7	2007.1	1533.3
20°	4542.9	4933.4	5142.3	5142.6	5142.3	4933.4	4542.9	4018.5	3478.4	2837.5	2208.5
17.5°	6076.7	6710.8	7108.8	7280.2	7108.8	6710.8	6076.7	5313.6	4603.2	3785.5	2963.7
15°	8114.4	9180.0	9818.5	9933.6	9818.5	9180.0	8114.4	7006.8	5856.4	4795.1	3761.7
12.5°	10595.5	11944.1	12850.6	13182.8	12850.6	11944.1	10595.5	9040.0	7246.7	5837.5	4575.5
10°	13186.1	14435.6	15406.8	15733.1	15406.8	14435.6	13186.1	11213.0	9049.8	6932.1	5295.2
7.5°	15057.6	16547.5	17641.4	18121.8	17641.4	16547.5	15057.6	13097.5	10625.9	8104.2	6062.0
5°	16534.9	18297.9	19316.2	19768.1	19316.2	18297.9	16534.9	14439.6	11916.0	9092.2	6627.3
2.5°	17504.2	19246.2	20324.5	20741.3	20324.5	19246.2	17504.2	15292.3	12737.2	9697.7	6986.5
0°	17866.7	19570.0	20635.4	21144.4	20635.4	19570.0	17866.7	15505.1	12960.2	9841.3	7106.5
-2.5°	17504.2	19246.2	20324.5	20741.3	20324.5	19246.2	17504.2	15292.3	12737.2	9697.7	6986.5
-5°	16534.9	18297.9	19316.2	19768.1	19316.2	18297.9	16534.9	14439.6	11916.0	9092.2	6627.3
-7.5°	15057.6	16547.5	17641.4	18121.8	17641.4	16547.5	15057.6	13097.5	10625.9	8104.2	6062.0
-10°	13186.1	14435.6	15406.8	15733.1	15406.8	14435.6	13186.1	11213.0	9049.8	6932.1	5295.2
-12.5°	10595.5	11944.1	12850.6	13182.8	12850.6	11944.1	10595.5	9040.0	7246.7	5837.5	4575.5
-15°	8114.4	9180.0	9818.5	9933.6	9818.5	9180.0	8114.4	7006.8	5856.4	4795.1	3761.7
-17.5°	6076.7	6710.8	7108.8	7280.2	7108.8	6710.8	6076.7	5313.6	4603.2	3785.5	2963.7
-20°	4542.9	4933.4	5142.3	5142.6	5142.3	4933.4	4542.9	4018.5	3478.4	2837.5	2208.5

Classified

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

Scaled Data Report



REPORT NUMBER: P626725 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA1D-730-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°	3297.4	3591.0	3751.8	3779.9	3751.8	3591.0	3297.4	2902.2	2474.7	2007.1	1533.3
-25°	2222.4	2437.4	2575.2	2577.4	2575.2	2437.4	2222.4	1933.0	1606.3	1322.0	1002.3
-27.5°	1382.7	1508.7	1583.3	1589.3	1583.3	1508.7	1382.7	1207.7	982.4	856.0	696.3
-30°	847.5	898.0	921.8	916.1	921.8	898.0	847.5	769.3	667.2	591.3	518.0
-32.5°	572.1	596.9	610.2	612.1	610.2	596.9	572.1	536.4	488.1	443.9	409.6
-35°	429.0	441.1	447.4	447.9	447.4	441.1	429.0	410.9	387.3	361.9	341.8
-37.5°	346.8	353.1	356.0	354.2	356.0	353.1	346.8	337.3	324.4	308.3	296.0
-40°	294.8	298.3	300.6	302.7	300.6	298.3	294.8	289.3	281.8	272.6	264.1
-42.5°	258.6	260.3	261.2	261.9	261.2	260.3	258.6	255.6	251.4	246.0	240.5
-45°	233.1	233.9	233.9	233.4	233.9	233.9	233.1	231.4	229.1	226.1	222.8
-47.5°	213.5	213.7	213.6	213.1	213.6	213.7	213.5	212.6	211.4	209.7	207.4
-50°	197.4	196.7	196.1	195.4	196.1	196.7	197.4	197.6	197.2	196.3	194.7
-52.5°	185.3	184.6	183.9	183.2	183.9	184.6	185.3	185.5	185.2	184.3	182.9
-55°	174.0	173.6	173.1	172.4	173.1	173.6	174.0	174.1	173.7	173.2	172.3
-57.5°	164.1	163.9	164.1	164.2	164.1	163.9	164.1	163.9	163.6	163.1	162.3
-60°	154.0	154.2	154.5	154.7	154.5	154.2	154.0	153.5	152.6	151.6	150.5
-62.5°	139.1	139.2	140.2	141.2	140.2	139.2	139.1	138.5	137.6	136.9	136.0
-65°	123.0	123.0	124.0	124.9	124.0	123.0	123.0	122.6	121.8	121.0	120.2
-67.5°	107.8	108.1	109.1	109.9	109.1	108.1	107.8	107.3	106.6	106.0	105.3
-70°	93.5	93.3	94.1	95.0	94.1	93.3	93.5	93.5	93.2	92.8	92.1
-72.5°	80.0	79.8	80.0	80.1	80.0	79.8	80.0	80.0	79.8	79.3	78.7
-75°	66.2	66.2	66.4	66.5	66.4	66.2	66.2	66.0	65.6	65.2	64.7
-77.5°	52.7	52.7	52.8	52.9	52.8	52.7	52.7	52.6	52.4	52.0	51.4
-80°	39.3	39.2	39.4	39.4	39.4	39.2	39.3	39.3	39.1	38.8	38.2
-82.5°	26.8	27.0	27.1	27.1	27.1	27.0	26.8	26.5	26.2	25.9	25.8
-85°	14.7	14.8	14.9	14.9	14.9	14.8	14.7	14.6	14.4	14.3	14.3
-87.5°	5.4	5.4	5.4	5.4	5.4	5.4	5.4	5.3	5.3	5.2	5.1
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



REPORT NUMBER: P626725 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA1D-730-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°	5.1	5.0	4.9	4.8	4.7	4.6	4.4	4.3	4.1	4.0	3.8
85°	14.4	14.3	14.3	13.8	13.4	12.9	12.4	11.8	11.2	10.6	9.9
82.5°	25.6	25.4	25.0	24.1	23.1	22.2	21.2	20.4	19.5	18.6	17.6
80°	37.6	36.9	36.1	35.0	33.7	32.3	30.8	29.4	27.9	26.5	25.2
77.5°	50.6	49.7	48.5	47.1	45.5	43.8	42.0	40.1	38.2	36.3	34.2
75°	64.1	63.2	62.0	60.2	58.3	56.3	53.9	51.4	48.8	46.2	43.7
72.5°	77.9	76.9	75.5	73.5	71.2	68.7	66.1	63.2	60.0	56.4	53.2
70°	91.3	90.2	88.8	87.0	84.7	82.0	78.9	75.5	71.8	68.0	64.1
67.5°	104.4	103.0	101.6	99.9	97.9	95.4	92.1	88.1	83.9	79.7	75.2
65°	118.9	117.2	115.3	113.6	111.5	108.9	105.5	101.7	97.1	91.9	86.2
62.5°	134.9	133.3	130.7	127.8	125.0	122.0	118.1	114.0	109.8	104.9	98.1
60°	149.4	148.0	144.5	141.1	137.7	134.1	129.7	125.2	120.8	115.5	109.3
57.5°	161.1	158.9	155.6	152.3	148.9	144.5	139.8	135.5	130.6	125.5	119.7
55°	171.1	168.6	165.3	161.7	157.8	153.4	148.7	143.8	139.1	134.9	129.0
52.5°	181.3	178.2	174.6	170.7	166.4	161.7	156.7	151.5	146.9	142.5	137.6
50°	192.4	188.4	184.1	179.6	175.0	169.9	164.5	159.0	154.6	150.0	145.0
47.5°	204.3	199.6	194.5	189.3	184.0	178.5	172.6	166.7	161.9	157.2	152.0
45°	218.2	212.3	205.7	199.8	193.6	187.4	181.2	175.0	169.0	163.7	158.7
42.5°	234.4	227.4	219.9	211.9	203.8	196.7	189.7	183.1	176.4	170.0	164.3
40°	254.8	244.5	235.8	225.9	216.4	206.7	199.0	191.0	183.7	176.5	169.9
37.5°	281.8	267.3	254.9	242.0	230.5	219.1	209.1	200.1	191.0	183.3	175.9
35°	318.1	297.9	278.3	261.7	246.3	232.8	220.2	209.6	199.6	190.1	181.8
32.5°	369.5	340.0	308.5	286.0	264.8	247.3	232.5	219.3	207.9	197.4	187.9
30°	450.2	398.0	353.3	315.4	288.0	264.2	245.0	229.5	216.1	204.5	193.9
27.5°	581.6	475.4	413.5	356.7	314.5	284.8	259.9	239.7	224.1	211.4	199.9
25°	794.7	615.5	490.3	411.8	350.7	306.7	275.9	251.8	232.7	217.6	204.1
22.5°	1107.0	827.2	611.7	475.0	394.9	336.7	294.8	263.8	240.5	223.0	208.2
20°	1599.4	1100.2	788.6	577.3	446.9	365.5	314.9	277.9	250.0	228.7	211.9
17.5°	2189.2	1522.4	989.0	687.4	514.2	407.0	338.4	291.3	258.4	234.0	215.0
15°	2783.5	1964.0	1296.8	847.2	587.7	443.3	358.5	303.0	266.5	239.7	218.9
12.5°	3439.9	2437.2	1569.9	979.2	663.4	487.1	384.2	318.7	275.5	245.4	222.7
10°	4006.8	2879.1	1898.2	1190.8	763.0	533.0	407.8	332.2	283.0	250.0	225.7
7.5°	4517.3	3256.7	2173.6	1355.9	840.2	569.4	426.7	342.9	288.6	253.4	227.7
5°	4879.6	3545.3	2395.1	1480.6	895.5	594.6	439.8	350.5	292.3	255.5	228.9
2.5°	5105.6	3718.8	2539.5	1554.7	922.5	608.4	448.1	354.8	295.4	257.8	229.6
0°	5126.3	3706.6	2559.7	1590.7	905.3	610.8	452.0	355.6	297.2	259.2	229.4
-2.5°	5105.6	3718.8	2539.5	1554.7	922.5	608.4	448.1	354.8	295.4	257.8	229.6
-5°	4879.6	3545.3	2395.1	1480.6	895.5	594.6	439.8	350.5	292.3	255.5	228.9
-7.5°	4517.3	3256.7	2173.6	1355.9	840.2	569.4	426.7	342.9	288.6	253.4	227.7
-10°	4006.8	2879.1	1898.2	1190.8	763.0	533.0	407.8	332.2	283.0	250.0	225.7
-12.5°	3439.9	2437.2	1569.9	979.2	663.4	487.1	384.2	318.7	275.5	245.4	222.7
-15°	2783.5	1964.0	1296.8	847.2	587.7	443.3	358.5	303.0	266.5	239.7	218.9
-17.5°	2189.2	1522.4	989.0	687.4	514.2	407.0	338.4	291.3	258.4	234.0	215.0
-20°	1599.4	1100.2	788.6	577.3	446.9	365.5	314.9	277.9	250.0	228.7	211.9



REPORT NUMBER: P626725 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA1D-730-U-MR-XX

CANDELA DISTRIBUTION (continued):

	20°	22.5°	25°	27.5°	30°	32.5°	35°	37.5°	40°	42.5°	45°
-22.5°	1107.0	827.2	611.7	475.0	394.9	336.7	294.8	263.8	240.5	223.0	208.2
-25°	794.7	615.5	490.3	411.8	350.7	306.7	275.9	251.8	232.7	217.6	204.1
-27.5°	581.6	475.4	413.5	356.7	314.5	284.8	259.9	239.7	224.1	211.4	199.9
-30°	450.2	398.0	353.3	315.4	288.0	264.2	245.0	229.5	216.1	204.5	193.9
-32.5°	369.5	340.0	308.5	286.0	264.8	247.3	232.5	219.3	207.9	197.4	187.9
-35°	318.1	297.9	278.3	261.7	246.3	232.8	220.2	209.6	199.6	190.1	181.8
-37.5°	281.8	267.3	254.9	242.0	230.5	219.1	209.1	200.1	191.0	183.3	175.9
-40°	254.8	244.5	235.8	225.9	216.4	206.7	199.0	191.0	183.7	176.5	169.9
-42.5°	234.4	227.4	219.9	211.9	203.8	196.7	189.7	183.1	176.4	170.0	164.3
-45°	218.2	212.3	205.7	199.8	193.6	187.4	181.2	175.0	169.0	163.7	158.7
-47.5°	204.3	199.6	194.5	189.3	184.0	178.5	172.6	166.7	161.9	157.2	152.0
-50°	192.4	188.4	184.1	179.6	175.0	169.9	164.5	159.0	154.6	150.0	145.0
-52.5°	181.3	178.2	174.6	170.7	166.4	161.7	156.7	151.5	146.9	142.5	137.6
-55°	171.1	168.6	165.3	161.7	157.8	153.4	148.7	143.8	139.1	134.9	129.0
-57.5°	161.1	158.9	155.6	152.3	148.9	144.5	139.8	135.5	130.6	125.5	119.7
-60°	149.4	148.0	144.5	141.1	137.7	134.1	129.7	125.2	120.8	115.5	109.3
-62.5°	134.9	133.3	130.7	127.8	125.0	122.0	118.1	114.0	109.8	104.9	98.1
-65°	118.9	117.2	115.3	113.6	111.5	108.9	105.5	101.7	97.1	91.9	86.2
-67.5°	104.4	103.0	101.6	99.9	97.9	95.4	92.1	88.1	83.9	79.7	75.2
-70°	91.3	90.2	88.8	87.0	84.7	82.0	78.9	75.5	71.8	68.0	64.1
-72.5°	77.9	76.9	75.5	73.5	71.2	68.7	66.1	63.2	60.0	56.4	53.2
-75°	64.1	63.2	62.0	60.2	58.3	56.3	53.9	51.4	48.8	46.2	43.7
-77.5°	50.6	49.7	48.5	47.1	45.5	43.8	42.0	40.1	38.2	36.3	34.2
-80°	37.6	36.9	36.1	35.0	33.7	32.3	30.8	29.4	27.9	26.5	25.2
-82.5°	25.6	25.4	25.0	24.1	23.1	22.2	21.2	20.4	19.5	18.6	17.6
-85°	14.4	14.3	14.3	13.8	13.4	12.9	12.4	11.8	11.2	10.6	9.9
-87.5°	5.1	5.0	4.9	4.8	4.7	4.6	4.4	4.3	4.1	4.0	3.8
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



REPORT NUMBER: P626725 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA1D-730-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°	3.6	3.5	3.3	3.1	2.9	2.7	2.5	2.3	2.1	1.8	1.6
85°	9.2	8.5	7.8	7.0	6.2	5.4	5.0	4.6	4.1	3.7	3.2
82.5°	16.6	15.5	14.4	13.2	12.0	10.8	9.6	8.3	6.9	5.6	4.9
80°	23.8	22.4	20.9	19.4	17.9	16.2	14.6	12.8	10.9	9.1	7.3
77.5°	32.0	29.8	27.5	25.6	23.8	21.9	19.8	17.4	14.8	12.5	10.2
75°	41.1	38.4	35.6	32.9	30.3	27.6	25.2	22.4	19.2	15.9	13.1
72.5°	50.4	47.3	43.9	40.5	37.4	34.2	30.9	27.4	23.7	19.9	16.1
70°	60.3	56.4	52.6	48.8	44.8	40.8	37.0	32.7	28.1	23.8	19.5
67.5°	70.5	65.9	61.4	57.0	52.5	47.8	43.1	38.1	32.9	27.7	22.9
65°	81.0	75.6	70.1	65.1	60.0	54.8	49.5	43.5	37.7	32.0	26.3
62.5°	91.6	85.4	79.3	73.3	67.5	61.8	55.8	49.0	42.4	36.1	29.8
60°	102.3	95.1	88.3	81.6	75.0	68.6	61.9	54.4	47.2	40.2	33.4
57.5°	112.6	104.6	96.9	89.6	82.5	75.3	67.8	59.8	51.9	44.3	36.9
55°	122.6	114.5	105.3	97.0	89.5	81.9	73.5	65.0	56.4	48.2	40.3
52.5°	131.3	123.3	113.8	104.3	95.8	87.9	79.0	70.1	61.0	51.9	43.6
50°	139.3	131.2	121.7	111.6	101.9	93.2	84.2	74.8	65.4	55.6	46.7
47.5°	146.2	138.4	129.0	118.6	108.2	98.2	88.9	79.3	69.6	59.4	49.8
45°	152.4	145.3	136.0	125.3	114.0	103.4	93.4	83.5	73.4	63.1	52.7
42.5°	158.3	151.3	142.8	131.9	119.8	108.4	97.6	87.4	77.0	66.6	55.7
40°	163.5	156.6	149.2	138.1	125.4	113.0	101.8	91.0	80.3	69.7	58.5
37.5°	168.7	161.6	153.9	143.8	130.6	117.7	105.7	94.5	83.5	72.6	61.2
35°	174.1	166.5	158.1	148.4	135.6	122.1	109.3	97.8	86.5	75.2	63.7
32.5°	179.2	170.8	161.9	152.2	140.2	126.1	112.8	100.9	89.4	77.7	66.0
30°	184.2	174.4	165.2	156.1	144.3	129.9	116.2	103.8	92.0	80.1	68.1
27.5°	188.0	177.5	168.2	159.2	147.7	133.5	119.6	106.5	94.4	82.2	69.9
25°	191.5	180.4	170.7	161.6	151.0	137.2	122.6	109.0	96.6	84.1	71.6
22.5°	194.9	183.0	172.8	163.7	154.2	140.6	125.5	111.5	98.5	85.9	73.2
20°	197.9	185.1	174.6	165.6	156.3	143.1	128.2	113.7	100.3	87.4	74.5
17.5°	200.5	187.2	176.4	167.2	157.7	145.3	130.6	115.6	101.8	88.7	75.7
15°	203.1	189.5	178.0	168.4	159.0	147.1	132.6	117.3	103.1	89.9	76.8
12.5°	205.3	191.1	179.2	169.2	160.1	148.5	134.2	118.6	104.2	90.9	77.8
10°	207.0	192.2	180.0	169.8	160.9	149.6	135.5	119.9	105.5	91.9	78.6
7.5°	208.3	192.7	180.6	170.0	161.5	150.5	136.8	121.2	106.6	92.6	79.3
5°	209.1	193.0	180.9	170.5	161.8	151.3	137.7	122.3	107.5	93.2	79.7
2.5°	210.1	193.1	180.9	170.9	161.8	151.8	138.2	123.0	108.2	93.5	80.0
0°	210.4	192.7	180.5	171.0	161.5	152.0	138.4	123.5	108.6	93.6	80.1
-2.5°	210.1	193.1	180.9	170.9	161.8	151.8	138.2	123.0	108.2	93.5	80.0
-5°	209.1	193.0	180.9	170.5	161.8	151.3	137.7	122.3	107.5	93.2	79.7
-7.5°	208.3	192.7	180.6	170.0	161.5	150.5	136.8	121.2	106.6	92.6	79.3
-10°	207.0	192.2	180.0	169.8	160.9	149.6	135.5	119.9	105.5	91.9	78.6
-12.5°	205.3	191.1	179.2	169.2	160.1	148.5	134.2	118.6	104.2	90.9	77.8
-15°	203.1	189.5	178.0	168.4	159.0	147.1	132.6	117.3	103.1	89.9	76.8
-17.5°	200.5	187.2	176.4	167.2	157.7	145.3	130.6	115.6	101.8	88.7	75.7
-20°	197.9	185.1	174.6	165.6	156.3	143.1	128.2	113.7	100.3	87.4	74.5

Classified

Cooper Lighting Solutions Photometric Lab
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Scaled Data Report



REPORT NUMBER: P626725 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA1D-730-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°	194.9	183.0	172.8	163.7	154.2	140.6	125.5	111.5	98.5	85.9	73.2
-25°	191.5	180.4	170.7	161.6	151.0	137.2	122.6	109.0	96.6	84.1	71.6
-27.5°	188.0	177.5	168.2	159.2	147.7	133.5	119.6	106.5	94.4	82.2	69.9
-30°	184.2	174.4	165.2	156.1	144.3	129.9	116.2	103.8	92.0	80.1	68.1
-32.5°	179.2	170.8	161.9	152.2	140.2	126.1	112.8	100.9	89.4	77.7	66.0
-35°	174.1	166.5	158.1	148.4	135.6	122.1	109.3	97.8	86.5	75.2	63.7
-37.5°	168.7	161.6	153.9	143.8	130.6	117.7	105.7	94.5	83.5	72.6	61.2
-40°	163.5	156.6	149.2	138.1	125.4	113.0	101.8	91.0	80.3	69.7	58.5
-42.5°	158.3	151.3	142.8	131.9	119.8	108.4	97.6	87.4	77.0	66.6	55.7
-45°	152.4	145.3	136.0	125.3	114.0	103.4	93.4	83.5	73.4	63.1	52.7
-47.5°	146.2	138.4	129.0	118.6	108.2	98.2	88.9	79.3	69.6	59.4	49.8
-50°	139.3	131.2	121.7	111.6	101.9	93.2	84.2	74.8	65.4	55.6	46.7
-52.5°	131.3	123.3	113.8	104.3	95.8	87.9	79.0	70.1	61.0	51.9	43.6
-55°	122.6	114.5	105.3	97.0	89.5	81.9	73.5	65.0	56.4	48.2	40.3
-57.5°	112.6	104.6	96.9	89.6	82.5	75.3	67.8	59.8	51.9	44.3	36.9
-60°	102.3	95.1	88.3	81.6	75.0	68.6	61.9	54.4	47.2	40.2	33.4
-62.5°	91.6	85.4	79.3	73.3	67.5	61.8	55.8	49.0	42.4	36.1	29.8
-65°	81.0	75.6	70.1	65.1	60.0	54.8	49.5	43.5	37.7	32.0	26.3
-67.5°	70.5	65.9	61.4	57.0	52.5	47.8	43.1	38.1	32.9	27.7	22.9
-70°	60.3	56.4	52.6	48.8	44.8	40.8	37.0	32.7	28.1	23.8	19.5
-72.5°	50.4	47.3	43.9	40.5	37.4	34.2	30.9	27.4	23.7	19.9	16.1
-75°	41.1	38.4	35.6	32.9	30.3	27.6	25.2	22.4	19.2	15.9	13.1
-77.5°	32.0	29.8	27.5	25.6	23.8	21.9	19.8	17.4	14.8	12.5	10.2
-80°	23.8	22.4	20.9	19.4	17.9	16.2	14.6	12.8	10.9	9.1	7.3
-82.5°	16.6	15.5	14.4	13.2	12.0	10.8	9.6	8.3	6.9	5.6	4.9
-85°	9.2	8.5	7.8	7.0	6.2	5.4	5.0	4.6	4.1	3.7	3.2
-87.5°	3.6	3.5	3.3	3.1	2.9	2.7	2.5	2.3	2.1	1.8	1.6
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

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REPORT NUMBER: P626725 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA1D-730-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°	1.4	1.2	0.9	0.7	0.5	0.2	0.0
85°	2.8	2.3	1.9	1.4	0.9	0.5	0.0
82.5°	4.2	3.5	2.8	2.1	1.4	0.7	0.0
80°	5.7	4.7	3.7	2.8	1.9	0.9	0.0
77.5°	8.1	6.1	4.7	3.5	2.3	1.2	0.0
75°	10.5	8.1	5.7	4.2	2.8	1.4	0.0
72.5°	12.9	10.1	7.3	4.9	3.2	1.6	0.0
70°	15.3	12.0	8.8	5.6	3.7	1.8	0.0
67.5°	18.2	14.0	10.4	6.8	4.1	2.1	0.0
65°	21.1	16.1	11.9	7.9	4.6	2.3	0.0
62.5°	24.0	18.5	13.4	9.0	5.0	2.5	0.0
60°	26.8	20.8	14.8	10.1	5.4	2.7	0.0
57.5°	29.7	23.1	16.6	11.2	6.1	2.9	0.0
55°	32.6	25.3	18.4	12.2	6.8	3.1	0.0
52.5°	35.4	27.5	20.1	13.2	7.5	3.3	0.0
50°	38.0	29.7	21.8	14.2	8.1	3.5	0.0
47.5°	40.6	31.8	23.4	15.2	8.7	3.6	0.0
45°	43.1	33.8	24.9	16.3	9.3	3.8	0.0
42.5°	45.5	35.7	26.4	17.4	9.9	4.0	0.0
40°	47.8	37.5	27.8	18.5	10.4	4.1	0.0
37.5°	50.0	39.2	29.2	19.5	11.0	4.3	0.0
35°	52.0	40.8	30.5	20.4	11.5	4.4	0.0
32.5°	54.0	42.4	31.7	21.2	11.9	4.6	0.0
30°	55.8	43.9	32.8	22.0	12.3	4.7	0.0
27.5°	57.5	45.3	33.8	22.7	12.7	4.8	0.0
25°	59.0	46.5	34.7	23.3	13.1	4.9	0.0
22.5°	60.3	47.7	35.5	23.9	13.5	5.0	0.0
20°	61.5	48.6	36.3	24.4	13.8	5.1	0.0
17.5°	62.6	49.5	37.0	24.8	14.0	5.1	0.0
15°	63.6	50.2	37.6	25.1	14.3	5.2	0.0
12.5°	64.5	50.8	38.2	25.4	14.4	5.3	0.0
10°	65.2	51.2	38.6	25.6	14.6	5.3	0.0
7.5°	65.7	51.5	38.9	25.8	14.7	5.4	0.0
5°	66.2	51.6	39.2	25.8	14.8	5.4	0.0
2.5°	66.4	51.7	39.3	25.9	14.9	5.4	0.0
0°	66.5	51.6	39.4	25.8	14.9	5.4	0.0
-2.5°	66.4	51.7	39.3	25.9	14.9	5.4	0.0
-5°	66.2	51.6	39.2	25.8	14.8	5.4	0.0
-7.5°	65.7	51.5	38.9	25.8	14.7	5.4	0.0
-10°	65.2	51.2	38.6	25.6	14.6	5.3	0.0
-12.5°	64.5	50.8	38.2	25.4	14.4	5.3	0.0
-15°	63.6	50.2	37.6	25.1	14.3	5.2	0.0
-17.5°	62.6	49.5	37.0	24.8	14.0	5.1	0.0
-20°	61.5	48.6	36.3	24.4	13.8	5.1	0.0

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REPORT NUMBER: P626725 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA1D-730-U-MR-XX

CANDELA DISTRIBUTION (continued):

	75°	77.5°	80°	82.5°	85°	87.5°	90°
-22.5°	60.3	47.7	35.5	23.9	13.5	5.0	0.0
-25°	59.0	46.5	34.7	23.3	13.1	4.9	0.0
-27.5°	57.5	45.3	33.8	22.7	12.7	4.8	0.0
-30°	55.8	43.9	32.8	22.0	12.3	4.7	0.0
-32.5°	54.0	42.4	31.7	21.2	11.9	4.6	0.0
-35°	52.0	40.8	30.5	20.4	11.5	4.4	0.0
-37.5°	50.0	39.2	29.2	19.5	11.0	4.3	0.0
-40°	47.8	37.5	27.8	18.5	10.4	4.1	0.0
-42.5°	45.5	35.7	26.4	17.4	9.9	4.0	0.0
-45°	43.1	33.8	24.9	16.3	9.3	3.8	0.0
-47.5°	40.6	31.8	23.4	15.2	8.7	3.6	0.0
-50°	38.0	29.7	21.8	14.2	8.1	3.5	0.0
-52.5°	35.4	27.5	20.1	13.2	7.5	3.3	0.0
-55°	32.6	25.3	18.4	12.2	6.8	3.1	0.0
-57.5°	29.7	23.1	16.6	11.2	6.1	2.9	0.0
-60°	26.8	20.8	14.8	10.1	5.4	2.7	0.0
-62.5°	24.0	18.5	13.4	9.0	5.0	2.5	0.0
-65°	21.1	16.1	11.9	7.9	4.6	2.3	0.0
-67.5°	18.2	14.0	10.4	6.8	4.1	2.1	0.0
-70°	15.3	12.0	8.8	5.6	3.7	1.8	0.0
-72.5°	12.9	10.1	7.3	4.9	3.2	1.6	0.0
-75°	10.5	8.1	5.7	4.2	2.8	1.4	0.0
-77.5°	8.1	6.1	4.7	3.5	2.3	1.2	0.0
-80°	5.7	4.7	3.7	2.8	1.9	0.9	0.0
-82.5°	4.2	3.5	2.8	2.1	1.4	0.7	0.0
-85°	2.8	2.3	1.9	1.4	0.9	0.5	0.0
-87.5°	1.4	1.2	0.9	0.7	0.5	0.2	0.0
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0

(END OF REPORT)