

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: P626968 (CONVERTED FROM TYPE C PHOTOMETRY)

Luminaire Tested: **GFLD-SA2D-730-U-NR-VSR-XX**

Issue Date: 12/7/2022

Test Information

Test Method: LM-79-08
Report Number: P626968 (CONVERTED FROM TYPE C PHOTOMETRY)
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G2-2210-813-12)
Test Lab: COOPER LIGHTING SOLUTIONS
Issue Date: 12/7/2022
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: MCGRAW-EDISON
Catalog Number: GFLD-SA2D-730-U-NR-VSR-XX
Description: GALLEON FLOOD, TWO LIGHT SQAURE, NARROW SYMMETRICAL ROUND N3 WITH VISOR
Light Source: (32) 3000K CCT, 70 CRI LEDS
Ballast/Driver: -

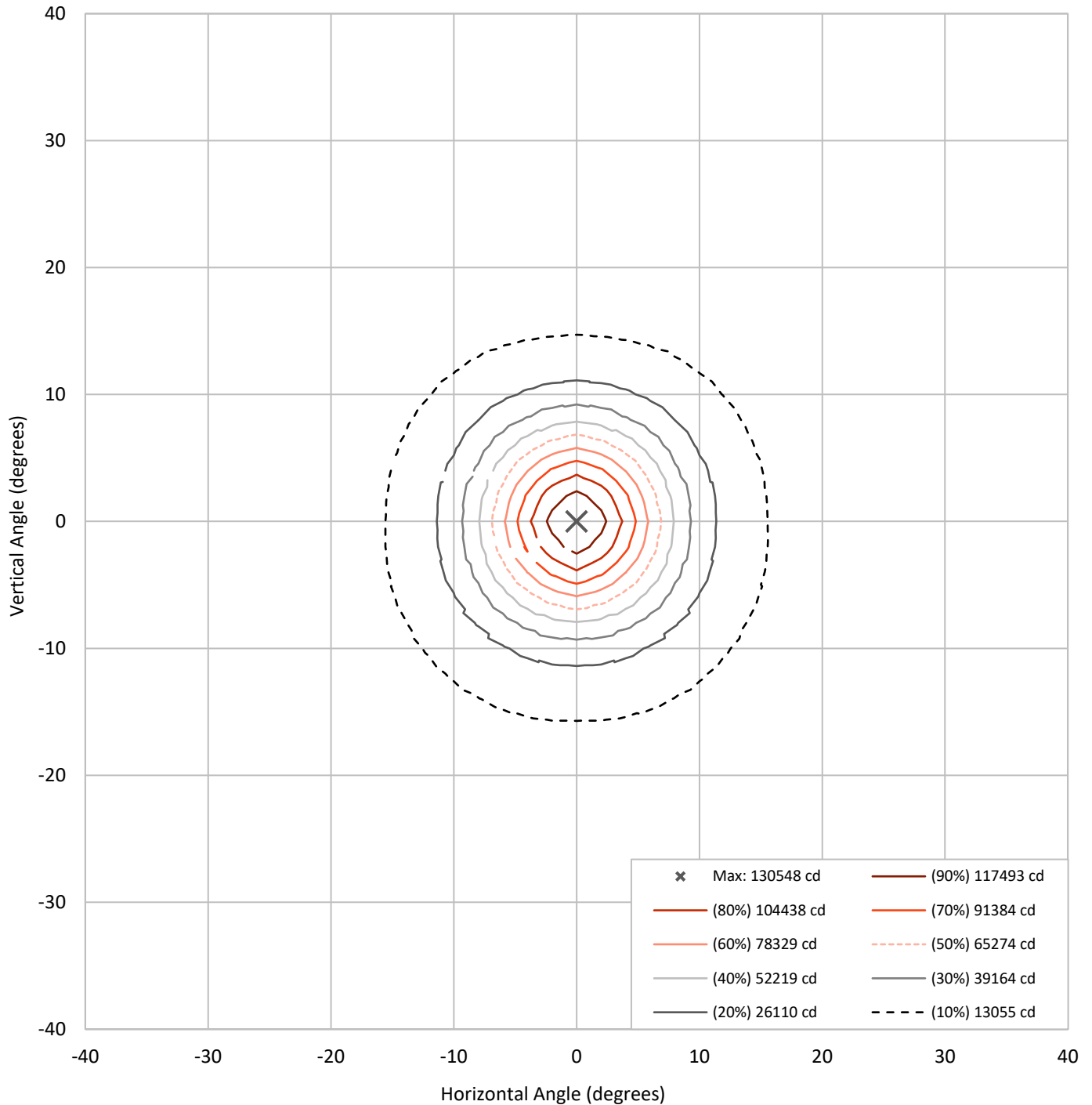
Summary

Lumens per Lamp:	N/A	NEMA Type:	3H x 3V
Luminaire Lumens:	12878.8 lumens	Max Intensity:	130548 candela
Efficiency:	N/A	Max Intensity Angle:	0°H x 0°V
Efficacy:	118.5 lumens/watt		
Luminous Opening:	Rectangular (W 1' x L: 0.5' x H: 0')		
Beam Angle (50%):	13.6°H x 13.6°V	Field Angle (10%):	30.9°H x 30.2°V
Beam Lumens:	4111.5 lumens	Field Lumens:	9157.7 lumens
Beam Efficiency:	31.9%	Field Efficiency:	71.1%
Input Watts (W):	108.7		
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: P626968 (CONVERTED FROM TYPE C PHOTOMETRY)
CATALOG NUMBER: GFLD-SA2D-730-U-NR-VSR-XX

Iso-Candela Plot





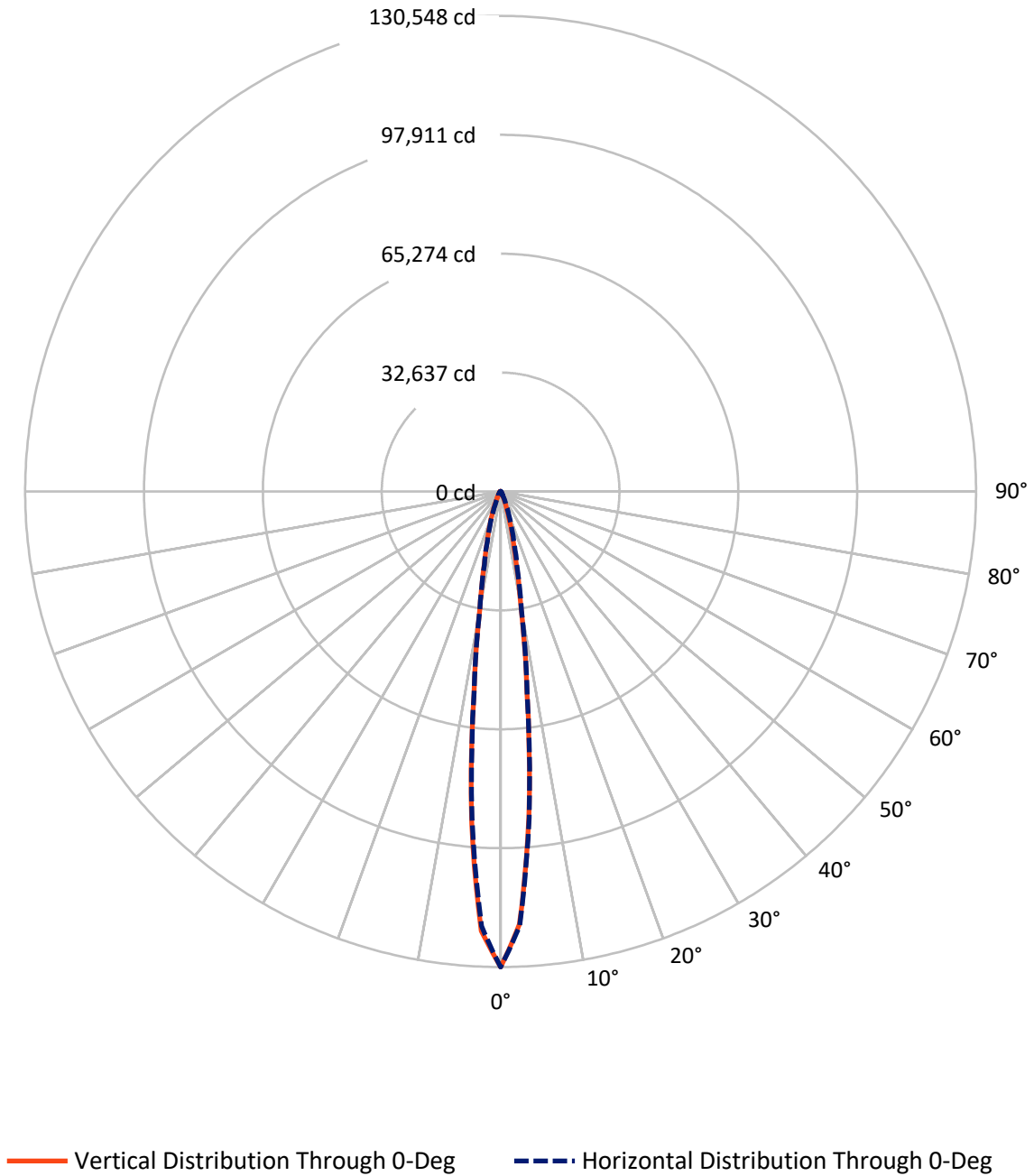
REPORT NUMBER: P626968 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA2D-730-U-NR-VSR-XX

Lumen Table

90																			
80	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0				
70																			
60	0.0	0.0	0.0	0.0	0.1	0.1	0.1	0.1	0.1	0.1	0.0	0.0	0.0	0.0	0.0				
50		0.0	0.1	0.3	0.7	1.1	1.5	1.8	1.8	1.5	1.1	0.7	0.3	0.1		0.0			
40	0.1	0.1	0.4	1.1	2.1	3.1	4.3	5.1	5.1	4.3	3.1	2.1	1.1	0.4	0.1				
30		0.2	0.9	2.2	3.9	6.2	10.5	13.3	13.3	10.5	6.2	3.9	2.2	0.9	0.2				
20	0.1	0.4	1.4	3.3	6.0	13.1	35.0	57.9	57.9	35.0	13.1	6.0	3.3	1.4	0.4				
10		0.5	2.0	4.6	10.0	39.2	165.1	362.9	362.9	165.1	39.2	10.0	4.6	2.0	0.5				
0	0.2	0.7	2.4	5.4	13.5	73.5	395.6	1774.1	1774.1	395.6	73.5	13.5	5.4	2.4	0.7				
-10		0.8	2.6	5.7	14.5	78.3	409.5	1804.3	1804.3	409.5	78.3	14.5	5.7	2.6	0.8				
-20	0.2	0.8	2.7	5.6	12.8	49.8	198.8	425.1	425.1	198.8	49.8	12.8	5.6	2.7	0.8				
-30		0.8	2.5	5.1	9.8	23.3	61.2	102.1	102.1	61.2	23.3	9.8	5.1	2.5	0.8				
-40	0.2	0.7	2.3	4.5	7.7	12.8	20.8	26.5	26.5	20.8	12.8	7.7	4.5	2.3	0.7				
-50		0.6	1.9	3.8	6.2	8.9	12.0	13.4	13.4	12.0	8.9	6.2	3.8	1.9	0.6				
-60	0.2	0.4	1.4	2.9	4.9	6.9	8.7	9.5	9.5	8.7	6.9	4.9	2.9	1.4	0.4				
-70		0.3	0.9	1.9	3.3	4.8	6.0	6.6	6.6	6.0	4.8	3.3	1.9	0.9	0.3				
-80	0.1	0.8	3.2	7.1	9.0	7.1	3.2	0.8	0.1										
-90																			
	-90	-80	-70	-60	-50	-40	-30	-20	-10	0	10	20	30	40	50	60	70	80	90

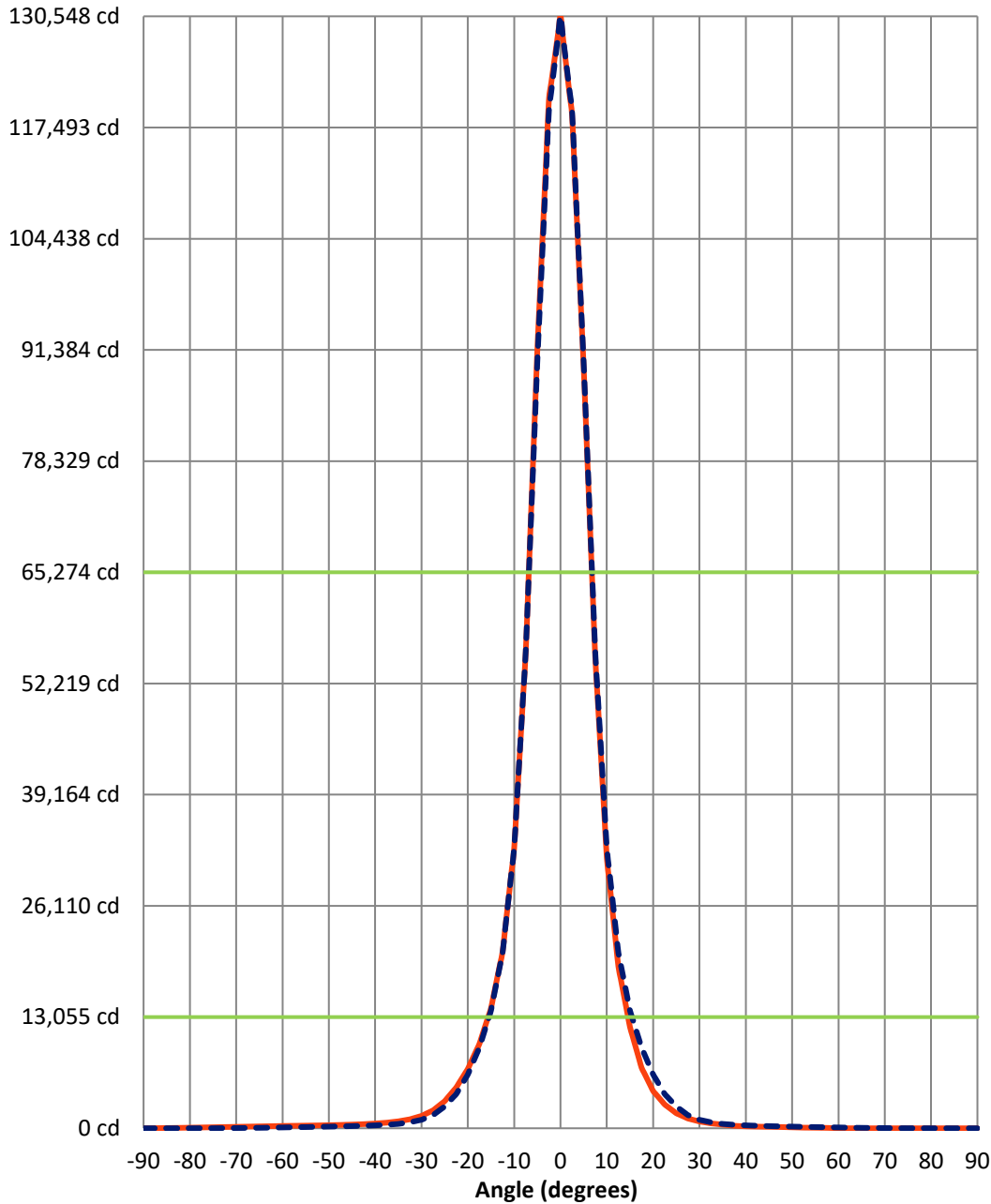
REPORT NUMBER: P626968 (CONVERTED FROM TYPE C PHOTOMETRY)
CATALOG NUMBER: GFLD-SA2D-730-U-NR-VSR-XX

Luminous Intensity Polar Plot



REPORT NUMBER: P626968 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA2D-730-U-NR-VSR-XX

Luminous Intensity Plot



Beam:
 H Angle: 13.6°
 V Angle: 13.6°
 Lumens: 4111.5
 Efficiency: 31.9%

Field:
 H Angle: 30.9°
 V Angle: 30.2°
 Lumens: 9157.7
 Efficiency: 71.1%

Spill:
 Lumens: 3721.2
 Efficiency: 28.9%

- 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: P626968 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA2D-730-U-NR-VSR-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	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
85°	0.0	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
82.5°	0.0	0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
80°	0.0	0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
77.5°	0.0	0.3	0.0	0.0	0.0	0.1	0.0	0.0	0.0	0.0	0.0
75°	0.0	0.4	0.0	0.0	0.0	0.2	0.1	0.0	0.0	0.2	0.1
72.5°	0.0	0.4	0.1	0.0	0.3	0.4	0.1	0.2	0.6	0.6	0.3
70°	0.0	0.5	0.1	0.1	0.6	0.6	0.3	0.9	1.2	1.0	0.4
67.5°	0.0	0.6	0.2	0.3	0.8	0.9	1.0	1.6	1.8	1.1	0.5
65°	0.0	0.6	0.2	0.6	1.1	1.2	1.6	2.3	1.9	1.2	0.8
62.5°	0.0	0.7	0.3	0.9	1.4	1.6	2.2	2.6	2.0	1.5	1.8
60°	0.0	0.8	0.4	1.2	1.8	2.0	2.7	2.7	2.1	2.0	2.6
57.5°	0.0	0.9	0.6	1.5	2.0	2.3	2.8	2.8	2.4	2.5	2.8
55°	0.0	0.9	0.8	1.8	2.2	2.6	2.8	2.8	2.6	2.8	2.8
52.5°	0.0	1.0	1.1	2.1	2.3	2.8	2.8	2.8	2.7	2.8	2.8
50°	0.0	1.1	1.3	2.4	2.5	2.8	2.8	2.8	2.8	2.8	3.2
47.5°	0.0	1.2	1.5	2.7	2.6	2.8	2.8	2.8	2.8	2.8	3.8
45°	0.0	1.3	1.6	2.7	2.7	2.8	2.8	2.8	2.9	3.5	4.5
42.5°	0.0	1.4	1.8	2.8	2.8	2.8	2.8	2.9	3.1	4.2	6.1
40°	0.0	1.5	2.0	2.8	2.8	2.8	2.8	3.1	3.5	5.1	7.9
37.5°	0.0	1.5	2.1	2.8	2.8	2.8	2.8	3.4	4.5	6.4	9.7
35°	0.0	1.6	2.2	2.8	2.8	2.8	2.8	3.7	5.5	8.1	12.0
32.5°	0.0	1.7	2.3	2.8	2.8	2.8	2.9	4.1	6.6	9.8	14.8
30°	0.0	1.8	2.4	2.8	2.8	2.8	3.2	4.6	7.7	11.5	17.9
27.5°	0.0	1.9	2.5	2.8	2.8	2.8	3.5	5.5	8.9	13.0	21.2
25°	0.0	2.0	2.6	2.8	2.8	2.8	3.8	6.4	10.2	15.4	24.8
22.5°	0.0	2.1	2.6	2.8	2.8	2.8	4.1	7.3	11.5	18.1	29.0
20°	0.0	2.2	2.7	2.8	2.8	3.0	4.5	8.2	12.7	21.0	32.9
17.5°	0.0	2.3	2.7	2.8	2.8	3.3	5.0	9.0	13.8	23.8	36.5
15°	0.0	2.4	2.8	2.8	2.8	3.6	5.5	9.9	14.8	26.6	39.7
12.5°	0.0	2.4	2.8	2.8	2.8	3.9	6.0	10.7	16.2	29.3	42.6
10°	0.0	2.5	2.8	2.8	2.8	4.2	6.6	11.5	18.0	31.9	45.2
7.5°	0.0	2.6	2.8	2.8	2.8	4.5	7.0	12.2	19.8	34.0	47.4
5°	0.0	2.7	2.8	2.8	2.8	4.9	7.5	12.8	21.6	35.9	49.4
2.5°	0.0	2.7	2.8	2.8	2.8	5.2	7.9	13.3	23.3	37.4	51.1
0°	0.0	2.8	2.8	2.8	2.8	5.5	8.3	13.8	24.9	38.7	52.5
-2.5°	0.0	2.8	2.8	2.8	3.0	5.8	9.0	14.6	26.3	39.7	54.3
-5°	0.0	2.8	2.8	2.8	3.3	6.1	9.7	15.4	27.5	40.5	55.7
-7.5°	0.0	2.8	2.8	2.8	3.5	6.3	10.3	16.1	28.5	41.1	56.8
-10°	0.0	2.8	2.8	2.8	3.7	6.5	10.8	16.6	29.2	41.6	57.5
-12.5°	0.0	2.7	2.8	2.8	3.9	6.7	11.3	17.2	29.7	42.0	58.6
-15°	0.0	2.7	2.8	2.8	4.0	6.9	11.6	17.6	29.8	42.8	59.6
-17.5°	0.0	2.7	2.8	2.8	4.1	7.0	11.9	18.0	29.6	43.3	60.1
-20°	0.0	2.6	2.8	2.8	4.2	7.1	12.0	18.4	29.1	43.3	59.9

Classified

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

Scaled Data Report



REPORT NUMBER: P626968 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA2D-730-U-NR-VSR-XX

CANDELA DISTRIBUTION (continued):

	-90°	-87.5°	-85°	-82.5°	-80°	-77.5°	-75°	-72.5°	-70°	-67.5°	-65°
-22.5°	0.0	2.6	2.8	2.8	4.2	7.1	12.2	18.6	28.5	42.8	59.3
-25°	0.0	2.5	2.8	2.8	4.2	7.3	12.3	18.7	27.6	41.8	58.0
-27.5°	0.0	2.5	2.8	2.8	4.2	7.5	12.3	18.7	26.5	40.4	56.7
-30°	0.0	2.4	2.8	2.8	4.1	7.6	12.2	18.4	25.9	38.9	54.8
-32.5°	0.0	2.4	2.8	2.8	4.1	7.7	12.1	18.2	25.6	37.1	52.2
-35°	0.0	2.3	2.8	2.8	4.0	7.7	12.0	18.0	25.1	35.2	48.9
-37.5°	0.0	2.2	2.8	2.8	3.9	7.6	12.0	17.6	24.4	33.0	47.0
-40°	0.0	2.1	2.8	2.8	3.8	7.4	11.8	17.2	23.5	31.6	45.3
-42.5°	0.0	2.1	2.8	2.8	3.8	7.2	11.6	16.7	22.7	30.9	43.2
-45°	0.0	2.0	2.8	2.9	3.9	6.9	11.2	16.2	22.0	30.0	40.8
-47.5°	0.0	1.9	2.8	3.0	3.9	6.6	10.8	15.6	21.3	28.7	39.2
-50°	0.0	1.8	2.8	3.0	4.0	6.1	10.2	15.0	20.4	27.6	37.2
-52.5°	0.0	1.7	2.8	3.0	4.0	5.7	9.6	14.2	19.4	26.0	34.8
-55°	0.0	1.6	2.8	3.0	3.9	5.5	8.8	13.2	18.3	24.1	32.2
-57.5°	0.0	1.5	2.8	3.0	3.9	5.4	8.0	12.2	16.9	22.3	29.2
-60°	0.0	1.4	2.8	3.0	3.8	5.2	7.2	11.0	15.5	20.5	26.2
-62.5°	0.0	1.3	2.6	3.0	3.7	5.0	6.8	9.7	13.9	18.6	23.8
-65°	0.0	1.2	2.4	2.9	3.6	4.7	6.4	8.6	12.2	16.5	21.3
-67.5°	0.0	1.1	2.1	2.9	3.4	4.4	5.9	7.9	10.3	14.2	18.5
-70°	0.0	1.0	1.9	2.8	3.2	4.1	5.3	7.1	9.2	11.8	15.6
-72.5°	0.0	0.8	1.7	2.5	3.0	3.7	4.8	6.2	8.1	10.3	12.8
-75°	0.0	0.7	1.4	2.2	2.8	3.3	4.2	5.5	6.8	8.7	10.8
-77.5°	0.0	0.6	1.2	1.8	2.4	2.9	3.5	4.7	5.9	7.2	8.7
-80°	0.0	0.5	1.0	1.5	1.9	2.4	2.9	3.9	5.1	6.2	7.3
-82.5°	0.0	0.4	0.7	1.1	1.5	1.8	2.2	3.1	4.2	5.2	6.2
-85°	0.0	0.2	0.5	0.7	1.0	1.2	1.4	2.1	2.8	3.7	4.6
-87.5°	0.0	0.1	0.2	0.4	0.5	0.6	0.7	1.0	1.4	1.8	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



REPORT NUMBER: P626968 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA2D-730-U-NR-VSR-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°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
85°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
82.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
80°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
77.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
75°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
72.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
70°	0.0	0.0	0.3	0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0
67.5°	0.2	0.8	0.9	0.6	0.0	0.0	0.0	0.2	0.0	0.0	0.0
65°	1.4	1.8	1.4	0.7	0.1	0.7	0.9	0.8	0.1	0.0	0.0
62.5°	2.6	2.2	1.5	1.2	1.6	2.1	1.7	1.0	0.3	1.3	1.9
60°	2.8	2.4	2.0	2.2	2.8	2.5	1.8	2.7	4.0	5.1	6.2
57.5°	2.8	2.6	2.5	3.0	3.2	3.2	4.9	6.5	9.2	11.4	12.9
55°	2.9	2.8	3.2	3.8	4.7	6.6	9.0	12.7	15.7	20.2	24.1
52.5°	3.2	3.2	4.2	5.7	8.4	11.4	15.7	20.9	26.8	31.2	35.9
50°	3.6	4.6	5.9	9.5	13.2	17.9	25.0	32.6	37.6	42.6	49.4
47.5°	4.9	6.3	9.7	13.9	19.2	26.8	36.6	42.0	46.9	54.8	63.2
45°	6.6	9.4	13.6	19.4	26.8	37.5	45.1	49.6	58.1	67.2	76.8
42.5°	8.5	13.0	18.8	24.9	36.5	46.6	53.5	60.6	69.2	79.9	90.2
40°	11.5	16.5	24.4	33.9	45.7	55.6	64.3	72.4	80.9	94.8	105.8
37.5°	14.6	21.8	30.8	42.5	54.9	65.7	75.4	85.6	97.7	113.4	123.3
35°	17.5	27.4	38.3	50.9	63.9	76.2	87.8	99.8	115.5	130.3	142.1
32.5°	21.7	33.1	45.4	58.9	72.4	86.2	100.4	114.7	130.1	145.3	160.8
30°	26.9	39.1	52.1	66.6	80.1	96.2	112.5	127.7	143.2	159.2	176.8
27.5°	32.2	44.8	58.8	73.5	87.6	106.0	123.6	139.4	155.4	172.6	192.6
25°	37.1	50.5	65.1	79.6	96.3	115.9	135.2	153.5	167.0	186.6	210.0
22.5°	41.8	56.1	71.8	85.1	104.6	125.9	148.4	168.1	184.1	201.6	228.1
20°	46.5	61.8	78.0	92.9	112.9	135.8	162.5	182.8	202.7	225.2	252.3
17.5°	50.9	67.2	84.2	101.9	122.9	146.7	176.9	197.7	221.4	248.3	282.5
15°	55.1	72.2	90.4	110.2	132.0	157.6	186.8	212.7	240.9	272.1	312.4
12.5°	59.0	76.7	96.5	118.0	140.0	167.0	195.0	222.5	255.1	295.8	346.6
10°	62.6	80.8	102.4	125.1	146.9	174.9	202.3	230.9	265.3	310.0	368.1
7.5°	65.6	84.9	108.0	131.5	152.9	181.4	208.6	237.8	273.8	321.7	382.6
5°	68.1	89.3	113.2	135.6	157.9	187.0	213.8	243.3	280.6	330.9	393.0
2.5°	70.2	93.2	117.7	138.7	162.2	192.2	218.0	249.4	287.5	338.0	402.7
0°	71.8	96.7	121.6	140.9	165.8	196.2	221.1	254.2	292.9	342.6	411.7
-2.5°	75.2	99.6	123.9	143.5	169.6	196.9	223.1	254.9	294.9	346.2	413.4
-5°	78.0	101.9	125.6	145.5	172.4	196.8	223.9	254.3	295.6	348.3	416.4
-7.5°	80.2	103.7	126.7	147.1	173.9	197.7	225.2	256.3	297.8	350.1	420.3
-10°	81.6	105.0	127.6	149.1	174.3	198.6	225.6	256.7	297.5	348.9	418.2
-12.5°	82.3	105.8	128.1	150.1	174.2	198.5	225.0	255.5	294.4	344.6	409.6
-15°	82.6	106.0	128.0	150.3	173.8	197.4	223.2	252.6	289.0	337.2	396.2
-17.5°	82.3	105.9	127.5	149.3	173.2	195.1	220.5	248.7	283.4	328.5	385.3
-20°	81.6	105.3	126.5	147.3	172.3	193.0	217.7	245.0	277.6	318.5	369.3



REPORT NUMBER: P626968 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA2D-730-U-NR-VSR-XX

CANDELA DISTRIBUTION (continued):

	-62.5°	-60°	-57.5°	-55°	-52.5°	-50°	-47.5°	-45°	-42.5°	-40°	-37.5°
-22.5°	80.4	104.3	125.2	145.3	169.2	191.0	214.1	240.1	269.3	306.3	351.5
-25°	79.1	102.3	123.4	143.8	165.7	188.0	209.6	234.3	261.2	296.7	337.4
-27.5°	77.3	99.9	121.0	141.6	162.1	184.0	205.1	228.4	255.0	286.3	322.7
-30°	74.8	96.6	117.6	138.7	158.8	179.4	199.8	222.0	247.1	276.6	310.2
-32.5°	71.5	92.8	113.4	134.2	155.2	174.9	194.0	215.4	238.9	264.8	296.8
-35°	68.3	88.8	108.8	128.7	150.8	169.7	188.2	207.8	229.7	253.8	279.8
-37.5°	65.2	84.4	104.0	122.7	143.7	163.4	181.4	200.0	220.2	242.3	265.9
-40°	61.9	79.8	98.9	117.2	135.5	155.6	173.6	191.6	210.2	232.4	253.4
-42.5°	58.5	75.9	93.6	111.4	129.0	147.0	164.9	182.1	201.8	222.8	243.4
-45°	55.6	71.8	88.2	105.6	122.8	139.1	155.9	172.0	192.1	213.0	233.2
-47.5°	52.3	67.6	83.5	99.2	116.2	132.5	147.6	163.9	180.9	200.7	221.8
-50°	48.8	63.3	78.0	92.8	108.9	125.2	140.5	155.6	171.6	187.9	206.2
-52.5°	45.8	58.5	72.1	85.8	101.0	116.9	132.3	147.4	162.2	177.5	193.1
-55°	42.3	53.9	65.9	78.7	92.1	107.3	122.7	137.4	152.4	166.7	182.0
-57.5°	38.5	48.9	59.8	71.8	83.9	96.4	111.3	126.0	140.1	154.6	170.3
-60°	34.1	43.4	53.3	64.3	76.2	87.6	99.7	113.3	127.0	140.6	155.1
-62.5°	29.5	37.6	46.5	56.2	67.0	78.3	89.3	100.9	113.2	125.1	137.7
-65°	26.5	32.2	39.7	48.2	57.1	67.2	77.7	88.4	99.2	109.3	119.0
-67.5°	23.3	28.4	33.9	40.2	48.3	56.8	65.1	74.7	84.5	93.8	102.8
-70°	19.8	24.4	29.3	34.6	40.3	47.3	55.1	62.7	70.2	78.0	86.4
-72.5°	16.2	20.2	24.5	29.1	34.0	39.4	45.5	52.0	58.6	65.1	71.6
-75°	13.3	15.9	19.4	23.3	27.5	31.9	36.2	41.4	47.0	52.7	58.2
-77.5°	11.0	13.4	15.8	18.1	21.1	25.1	29.0	32.8	36.7	41.0	45.6
-80°	8.9	10.8	13.0	15.1	17.2	19.6	22.3	25.3	28.1	30.9	34.1
-82.5°	7.5	8.9	10.4	12.1	13.3	14.6	16.1	17.8	19.6	21.5	23.5
-85°	5.7	6.9	7.9	9.1	9.6	10.3	11.0	11.7	12.9	14.1	15.2
-87.5°	2.9	3.4	4.1	4.8	5.1	5.3	5.6	5.9	6.6	7.4	8.2
-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: P626968 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA2D-730-U-NR-VSR-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°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
85°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
82.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
80°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
77.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
75°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
72.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
70°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
67.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
65°	0.2	0.0	0.0	0.0	0.0	0.5	0.7	0.6	0.3	0.0	0.0
62.5°	1.6	1.3	2.1	2.9	3.2	3.1	2.8	2.5	2.2	2.0	2.3
60°	6.6	6.5	9.0	10.3	9.4	6.6	10.4	12.3	11.8	10.1	10.1
57.5°	16.2	19.7	22.2	23.3	27.0	32.9	34.0	32.1	31.4	32.0	37.0
55°	28.1	30.9	32.4	37.4	41.8	45.1	47.0	48.9	51.7	55.2	58.8
52.5°	39.8	43.6	46.6	51.0	56.4	58.2	57.7	64.6	69.9	73.3	74.7
50°	54.6	59.4	66.3	73.3	76.4	79.4	82.5	88.1	96.3	106.5	112.3
47.5°	70.6	78.2	85.4	93.4	97.5	100.7	105.3	115.1	126.8	137.7	143.5
45°	85.0	91.7	100.0	107.0	112.0	118.0	124.8	133.6	146.7	158.2	166.1
42.5°	96.5	104.2	112.7	121.1	126.2	134.4	144.7	156.7	170.4	182.3	191.1
40°	112.8	119.2	132.7	140.7	142.8	150.4	171.1	187.5	202.9	217.6	224.9
37.5°	132.4	144.9	159.0	166.2	173.3	186.9	214.6	241.1	260.8	280.6	291.5
35°	154.6	171.1	190.3	198.8	214.1	243.7	276.2	313.1	359.0	378.3	395.8
32.5°	176.2	194.7	212.4	231.6	258.3	293.6	330.2	390.1	446.0	489.3	520.9
30°	195.4	215.0	236.9	261.7	299.3	348.0	409.1	486.6	565.4	634.1	692.3
27.5°	214.3	236.7	262.7	299.6	352.5	418.7	516.3	626.8	758.3	855.2	970.9
25°	235.1	260.7	294.1	347.5	419.0	517.9	674.0	853.4	1069.0	1243.9	1426.8
22.5°	259.7	297.5	339.8	399.3	524.2	687.2	900.4	1207.0	1538.7	1845.4	2140.8
20°	289.5	341.0	409.0	518.6	678.8	919.9	1290.3	1779.6	2267.5	2787.0	3287.2
17.5°	331.8	406.2	511.9	667.8	879.0	1355.8	1956.8	2713.7	3686.0	4567.2	5336.5
15°	371.6	460.5	627.3	860.5	1228.8	1860.7	2773.6	4022.8	5538.2	6919.2	8377.8
12.5°	413.4	518.3	709.9	1006.8	1518.6	2341.2	3624.1	5335.8	7233.3	9314.7	11685.5
10°	446.5	573.8	803.2	1179.7	1810.6	2834.9	4363.1	6438.9	8960.4	12040.8	15830.7
7.5°	468.8	618.4	880.3	1306.3	2079.4	3339.9	5179.5	7674.6	10826.9	14907.7	20210.8
5°	486.3	652.3	938.3	1421.7	2306.7	3725.3	5784.4	8756.6	12485.6	17953.2	26940.5
2.5°	500.3	678.4	974.2	1501.2	2449.4	3993.8	6190.2	9368.8	13473.0	20204.9	31864.7
0°	511.2	701.9	997.5	1550.2	2558.8	4020.6	6316.8	9480.8	13827.4	20611.2	32924.4
-2.5°	515.9	714.4	1005.5	1560.9	2547.9	4066.7	6355.5	9570.3	13814.1	20388.5	31740.8
-5°	523.7	714.2	999.5	1549.9	2490.8	3947.6	6103.1	9069.5	12980.7	18635.0	27935.7
-7.5°	529.2	702.8	970.5	1479.7	2341.2	3690.0	5659.6	8239.9	11463.9	15757.1	21517.3
-10°	524.1	681.0	922.3	1361.9	2108.7	3276.8	4985.1	7144.6	9824.1	13005.7	16919.3
-12.5°	504.4	640.6	843.6	1196.9	1807.6	2814.0	4306.6	6145.3	8128.5	10362.9	13067.3
-15°	479.4	597.1	772.7	1083.7	1584.4	2355.3	3445.0	4936.6	6527.5	8224.0	10033.1
-17.5°	460.0	558.9	704.3	929.5	1297.8	1910.7	2767.0	3826.6	4995.7	6287.4	7359.4
-20°	433.7	511.9	633.9	817.8	1098.8	1504.9	2128.6	2898.4	3669.8	4578.0	5318.6

Classified

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

Scaled Data Report



REPORT NUMBER: P626968 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA2D-730-U-NR-VSR-XX

CANDELA DISTRIBUTION (continued):

	-35°	-32.5°	-30°	-27.5°	-25°	-22.5°	-20°	-17.5°	-15°	-12.5°	-10°
-22.5°	407.4	475.5	568.3	702.9	912.0	1218.8	1604.2	2118.2	2682.3	3203.6	3716.7
-25°	383.0	435.4	510.5	620.9	762.7	972.1	1246.4	1541.3	1913.1	2230.4	2582.6
-27.5°	363.2	408.2	463.6	544.6	654.6	789.3	985.7	1183.3	1378.9	1539.0	1781.4
-30°	344.1	380.4	426.7	484.4	566.9	670.7	798.2	926.3	1039.2	1142.1	1268.4
-32.5°	325.4	354.9	390.4	438.3	497.5	575.5	653.9	745.7	824.1	896.5	963.5
-35°	306.5	332.8	359.9	400.3	447.5	502.9	559.8	622.1	676.4	725.1	768.3
-37.5°	289.5	312.6	338.1	368.2	406.2	447.9	494.5	539.7	575.5	607.2	633.3
-40°	275.2	296.2	318.0	342.1	371.1	404.0	443.5	481.2	506.3	525.6	541.5
-42.5°	262.4	280.9	299.5	319.9	342.2	370.6	401.8	433.0	450.0	464.9	476.4
-45°	252.2	266.3	282.0	299.4	319.1	342.9	367.5	389.0	404.1	417.0	426.6
-47.5°	238.6	252.2	265.8	280.2	298.5	318.4	338.7	355.2	368.4	379.7	387.0
-50°	223.7	238.0	250.4	263.1	279.9	296.8	313.1	326.8	339.4	350.4	356.2
-52.5°	208.2	223.6	236.6	249.0	263.1	277.8	292.5	304.2	315.3	325.6	330.0
-55°	197.0	211.2	224.7	236.3	248.0	259.7	271.7	283.9	294.8	304.6	307.5
-57.5°	185.0	199.4	212.7	223.2	233.7	244.3	255.3	266.3	276.8	286.3	288.6
-60°	170.3	186.0	197.8	207.6	217.9	228.4	238.0	247.7	257.5	265.8	268.4
-62.5°	151.6	165.9	177.5	187.9	197.8	207.0	216.3	225.4	234.2	240.7	242.8
-65°	129.3	141.4	153.4	164.2	174.0	182.8	191.4	199.8	207.8	213.5	216.3
-67.5°	111.6	120.3	130.0	139.3	149.1	158.2	165.9	173.3	180.1	185.0	188.0
-70°	94.6	102.9	111.9	120.8	129.3	136.7	142.9	148.9	154.8	159.1	162.3
-72.5°	78.3	85.3	92.9	100.7	108.5	115.1	120.8	126.2	131.3	135.0	138.0
-75°	63.5	69.4	75.7	82.1	88.4	93.6	98.4	103.1	107.6	110.8	113.5
-77.5°	50.4	55.3	60.3	65.3	70.3	74.1	77.6	81.0	84.3	86.9	89.3
-80°	37.4	41.2	45.2	49.2	53.1	56.0	58.7	61.2	63.5	65.0	66.4
-82.5°	25.5	28.2	31.0	33.8	36.6	38.8	40.9	42.9	44.9	45.7	46.2
-85°	16.3	17.6	19.1	20.7	22.3	23.4	24.6	25.6	26.6	27.6	28.5
-87.5°	9.1	9.4	9.6	9.8	10.1	10.9	11.7	12.5	13.3	13.5	13.6
-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: P626968 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA2D-730-U-NR-VSR-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°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
85°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
82.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
80°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
77.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
75°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
72.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
70°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
67.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
65°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.3	0.6
62.5°	2.5	2.7	2.8	2.8	2.8	2.7	2.5	2.3	2.0	2.2	2.5
60°	9.5	8.4	8.2	8.3	8.2	8.4	9.5	10.1	10.1	11.8	12.3
57.5°	42.0	46.7	48.0	47.0	48.0	46.7	42.0	37.0	32.0	31.4	32.1
55°	61.2	62.7	63.4	63.6	63.4	62.7	61.2	58.8	55.2	51.7	48.9
52.5°	75.0	74.5	74.4	74.6	74.4	74.5	75.0	74.7	73.3	69.9	64.6
50°	112.7	110.7	109.8	110.5	109.8	110.7	112.7	112.3	106.5	96.3	88.1
47.5°	144.1	144.8	145.8	146.5	145.8	144.8	144.1	143.5	137.7	126.8	115.1
45°	168.3	169.8	170.8	171.3	170.8	169.8	168.3	166.1	158.2	146.7	133.6
42.5°	193.0	193.2	192.9	193.4	192.9	193.2	193.0	191.1	182.3	170.4	156.7
40°	227.9	228.6	227.9	226.6	227.9	228.6	227.9	224.9	217.6	202.9	187.5
37.5°	297.8	298.8	295.5	292.9	295.5	298.8	297.8	291.5	280.6	260.8	241.1
35°	411.8	423.6	429.2	431.1	429.2	423.6	411.8	395.8	378.3	359.0	313.1
32.5°	542.8	559.2	567.5	574.8	567.5	559.2	542.8	520.9	489.3	446.0	390.1
30°	730.4	760.7	774.1	793.1	774.1	760.7	730.4	692.3	634.1	565.4	486.6
27.5°	1036.6	1089.9	1119.3	1146.8	1119.3	1089.9	1036.6	970.9	855.2	758.3	626.8
25°	1559.8	1662.4	1728.9	1760.2	1728.9	1662.4	1559.8	1426.8	1243.9	1069.0	853.4
22.5°	2426.5	2615.7	2761.7	2790.9	2761.7	2615.7	2426.5	2140.8	1845.4	1538.7	1207.0
20°	3772.3	4043.1	4263.4	4374.3	4263.4	4043.1	3772.3	3287.2	2787.0	2267.5	1779.6
17.5°	6252.8	6815.9	7073.2	7115.4	7073.2	6815.9	6252.8	5336.5	4567.2	3686.0	2713.7
15°	9943.0	10895.9	11500.9	11890.4	11500.9	10895.9	9943.0	8377.8	6919.2	5538.2	4022.8
12.5°	14153.4	16861.1	18401.8	18989.2	18401.8	16861.1	14153.4	11685.5	9314.7	7233.3	5335.8
10°	19867.9	26242.1	29919.0	31769.3	29919.0	26242.1	19867.9	15830.7	12040.8	8960.4	6438.9
7.5°	29566.6	39411.8	50319.8	55366.3	50319.8	39411.8	29566.6	20210.8	14907.7	10826.9	7674.6
5°	39762.4	61378.3	80350.7	89436.0	80350.7	61378.3	39762.4	26940.5	17953.2	12485.6	8756.6
2.5°	51480.8	80631.9	107584.4	118917.4	107584.4	80631.9	51480.8	31864.7	20204.9	13473.0	9368.8
0°	55990.8	89947.2	119424.4	130548.0	119424.4	89947.2	55990.8	32924.4	20611.2	13827.4	9480.8
-2.5°	52178.0	82044.1	108047.5	120757.7	108047.5	82044.1	52178.0	31740.8	20388.5	13814.1	9570.3
-5°	41458.1	61716.6	80974.6	91331.6	80974.6	61716.6	41458.1	27935.7	18635.0	12980.7	9069.5
-7.5°	30427.7	41456.2	52151.4	55891.3	52151.4	41456.2	30427.7	21517.3	15757.1	11463.9	8239.9
-10°	21184.3	27499.6	31668.4	32858.1	31668.4	27499.6	21184.3	16919.3	13005.7	9824.1	7144.6
-12.5°	15706.1	18468.3	20390.3	20724.5	20390.3	18468.3	15706.1	13067.3	10362.9	8128.5	6145.3
-15°	11629.9	13034.7	14026.0	14092.7	14026.0	13034.7	11629.9	10033.1	8224.0	6527.5	4936.6
-17.5°	8501.6	9444.5	9944.7	9909.1	9944.7	9444.5	8501.6	7359.4	6287.4	4995.7	3826.6
-20°	6079.1	6647.5	7050.5	6971.7	7050.5	6647.5	6079.1	5318.6	4578.0	3669.8	2898.4



REPORT NUMBER: P626968 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA2D-730-U-NR-VSR-XX

CANDELA DISTRIBUTION (continued):

	-7.5°	-5°	-2.5°	0°	2.5°	5°	7.5°	10°	12.5°	15°	17.5°
-22.5°	4238.8	4616.1	4852.3	4791.5	4852.3	4616.1	4238.8	3716.7	3203.6	2682.3	2118.2
-25°	2880.2	3085.7	3202.7	3183.3	3202.7	3085.7	2880.2	2582.6	2230.4	1913.1	1541.3
-27.5°	1962.7	2071.3	2107.5	2105.6	2107.5	2071.3	1962.7	1781.4	1539.0	1378.9	1183.3
-30°	1362.3	1435.3	1477.0	1450.7	1477.0	1435.3	1362.3	1268.4	1142.1	1039.2	926.3
-32.5°	1015.3	1056.5	1080.3	1055.6	1080.3	1056.5	1015.3	963.5	896.5	824.1	745.7
-35°	800.1	821.0	829.4	815.2	829.4	821.0	800.1	768.3	725.1	676.4	622.1
-37.5°	652.3	664.5	668.7	660.4	668.7	664.5	652.3	633.3	607.2	575.5	539.7
-40°	552.8	560.3	562.1	555.4	562.1	560.3	552.8	541.5	525.6	506.3	481.2
-42.5°	483.7	488.2	489.2	486.3	489.2	488.2	483.7	476.4	464.9	450.0	433.0
-45°	432.3	436.1	436.8	433.8	436.8	436.1	432.3	426.6	417.0	404.1	389.0
-47.5°	390.6	393.0	393.6	392.4	393.6	393.0	390.6	387.0	379.7	368.4	355.2
-50°	358.8	360.4	360.5	359.2	360.5	360.4	358.8	356.2	350.4	339.4	326.8
-52.5°	332.1	333.2	334.0	334.4	334.0	333.2	332.1	330.0	325.6	315.3	304.2
-55°	309.6	311.0	311.9	312.2	311.9	311.0	309.6	307.5	304.6	294.8	283.9
-57.5°	290.5	291.8	292.6	292.9	292.6	291.8	290.5	288.6	286.3	276.8	266.3
-60°	270.6	272.2	273.3	273.6	273.3	272.2	270.6	268.4	265.8	257.5	247.7
-62.5°	244.2	244.9	245.6	245.9	245.6	244.9	244.2	242.8	240.7	234.2	225.4
-65°	218.5	220.0	220.8	221.1	220.8	220.0	218.5	216.3	213.5	207.8	199.8
-67.5°	190.5	192.4	194.4	196.2	194.4	192.4	190.5	188.0	185.0	180.1	173.3
-70°	165.2	167.6	168.4	168.6	168.4	167.6	165.2	162.3	159.1	154.8	148.9
-72.5°	140.6	142.9	144.9	146.5	144.9	142.9	140.6	138.0	135.0	131.3	126.2
-75°	116.0	118.1	118.7	118.8	118.7	118.1	116.0	113.5	110.8	107.6	103.1
-77.5°	91.4	93.5	93.9	94.0	93.9	93.5	91.4	89.3	86.9	84.3	81.0
-80°	67.6	68.7	70.3	71.8	70.3	68.7	67.6	66.4	65.0	63.5	61.2
-82.5°	46.6	46.8	47.0	47.0	47.0	46.8	46.6	46.2	45.7	44.9	42.9
-85°	29.4	30.3	30.4	30.4	30.4	30.3	29.4	28.5	27.6	26.6	25.6
-87.5°	13.7	13.7	13.8	13.8	13.8	13.7	13.7	13.6	13.5	13.3	12.5
-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: P626968 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA2D-730-U-NR-VSR-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°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
85°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
82.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
80°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
77.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
75°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
72.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
70°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
67.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.2
65°	0.7	0.5	0.0	0.0	0.0	0.0	0.2	0.0	0.0	0.1	0.8
62.5°	2.8	3.1	3.2	2.9	2.1	1.3	1.6	1.9	1.3	0.3	1.0
60°	10.4	6.6	9.4	10.3	9.0	6.5	6.6	6.2	5.1	4.0	2.7
57.5°	34.0	32.9	27.0	23.3	22.2	19.7	16.2	12.9	11.4	9.2	6.5
55°	47.0	45.1	41.8	37.4	32.4	30.9	28.1	24.1	20.2	15.7	12.7
52.5°	57.7	58.2	56.4	51.0	46.6	43.6	39.8	35.9	31.2	26.8	20.9
50°	82.5	79.4	76.4	73.3	66.3	59.4	54.6	49.4	42.6	37.6	32.6
47.5°	105.3	100.7	97.5	93.4	85.4	78.2	70.6	63.2	54.8	46.9	42.0
45°	124.8	118.0	112.0	107.0	100.0	91.7	85.0	76.8	67.2	58.1	49.6
42.5°	144.7	134.4	126.2	121.1	112.7	104.2	96.5	90.2	79.9	69.2	60.6
40°	171.1	150.4	142.8	140.7	132.7	119.2	112.8	105.8	94.8	80.9	72.4
37.5°	214.6	186.9	173.3	166.2	159.0	144.9	132.4	123.3	113.4	97.7	85.6
35°	276.2	243.7	214.1	198.8	190.3	171.1	154.6	142.1	130.3	115.5	99.8
32.5°	330.2	293.6	258.3	231.6	212.4	194.7	176.2	160.8	145.3	130.1	114.7
30°	409.1	348.0	299.3	261.7	236.9	215.0	195.4	176.8	159.2	143.2	127.7
27.5°	516.3	418.7	352.5	299.6	262.7	236.7	214.3	192.6	172.6	155.4	139.4
25°	674.0	517.9	419.0	347.5	294.1	260.7	235.1	210.0	186.6	167.0	153.5
22.5°	900.4	687.2	524.2	399.3	339.8	297.5	259.7	228.1	201.6	184.1	168.1
20°	1290.3	919.9	678.8	518.6	409.0	341.0	289.5	252.3	225.2	202.7	182.8
17.5°	1956.8	1355.8	879.0	667.8	511.9	406.2	331.8	282.5	248.3	221.4	197.7
15°	2773.6	1860.7	1228.8	860.5	627.3	460.5	371.6	312.4	272.1	240.9	212.7
12.5°	3624.1	2341.2	1518.6	1006.8	709.9	518.3	413.4	346.6	295.8	255.1	222.5
10°	4363.1	2834.9	1810.6	1179.7	803.2	573.8	446.5	368.1	310.0	265.3	230.9
7.5°	5179.5	3339.9	2079.4	1306.3	880.3	618.4	468.8	382.6	321.7	273.8	237.8
5°	5784.4	3725.3	2306.7	1421.7	938.3	652.3	486.3	393.0	330.9	280.6	243.3
2.5°	6190.2	3993.8	2449.4	1501.2	974.2	678.4	500.3	402.7	338.0	287.5	249.4
0°	6316.8	4020.6	2558.8	1550.2	997.5	701.9	511.2	411.7	342.6	292.9	254.2
-2.5°	6355.5	4066.7	2547.9	1560.9	1005.5	714.4	515.9	413.4	346.2	294.9	254.9
-5°	6103.1	3947.6	2490.8	1549.9	999.5	714.2	523.7	416.4	348.3	295.6	254.3
-7.5°	5659.6	3690.0	2341.2	1479.7	970.5	702.8	529.2	420.3	350.1	297.8	256.3
-10°	4985.1	3276.8	2108.7	1361.9	922.3	681.0	524.1	418.2	348.9	297.5	256.7
-12.5°	4306.6	2814.0	1807.6	1196.9	843.6	640.6	504.4	409.6	344.6	294.4	255.5
-15°	3445.0	2355.3	1584.4	1083.7	772.7	597.1	479.4	396.2	337.2	289.0	252.6
-17.5°	2767.0	1910.7	1297.8	929.5	704.3	558.9	460.0	385.3	328.5	283.4	248.7
-20°	2128.6	1504.9	1098.8	817.8	633.9	511.9	433.7	369.3	318.5	277.6	245.0



REPORT NUMBER: P626968 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA2D-730-U-NR-VSR-XX

CANDELA DISTRIBUTION (continued):

	20°	22.5°	25°	27.5°	30°	32.5°	35°	37.5°	40°	42.5°	45°
-22.5°	1604.2	1218.8	912.0	702.9	568.3	475.5	407.4	351.5	306.3	269.3	240.1
-25°	1246.4	972.1	762.7	620.9	510.5	435.4	383.0	337.4	296.7	261.2	234.3
-27.5°	985.7	789.3	654.6	544.6	463.6	408.2	363.2	322.7	286.3	255.0	228.4
-30°	798.2	670.7	566.9	484.4	426.7	380.4	344.1	310.2	276.6	247.1	222.0
-32.5°	653.9	575.5	497.5	438.3	390.4	354.9	325.4	296.8	264.8	238.9	215.4
-35°	559.8	502.9	447.5	400.3	359.9	332.8	306.5	279.8	253.8	229.7	207.8
-37.5°	494.5	447.9	406.2	368.2	338.1	312.6	289.5	265.9	242.3	220.2	200.0
-40°	443.5	404.0	371.1	342.1	318.0	296.2	275.2	253.4	232.4	210.2	191.6
-42.5°	401.8	370.6	342.2	319.9	299.5	280.9	262.4	243.4	222.8	201.8	182.1
-45°	367.5	342.9	319.1	299.4	282.0	266.3	252.2	233.2	213.0	192.1	172.0
-47.5°	338.7	318.4	298.5	280.2	265.8	252.2	238.6	221.8	200.7	180.9	163.9
-50°	313.1	296.8	279.9	263.1	250.4	238.0	223.7	206.2	187.9	171.6	155.6
-52.5°	292.5	277.8	263.1	249.0	236.6	223.6	208.2	193.1	177.5	162.2	147.4
-55°	271.7	259.7	248.0	236.3	224.7	211.2	197.0	182.0	166.7	152.4	137.4
-57.5°	255.3	244.3	233.7	223.2	212.7	199.4	185.0	170.3	154.6	140.1	126.0
-60°	238.0	228.4	217.9	207.6	197.8	186.0	170.3	155.1	140.6	127.0	113.3
-62.5°	216.3	207.0	197.8	187.9	177.5	165.9	151.6	137.7	125.1	113.2	100.9
-65°	191.4	182.8	174.0	164.2	153.4	141.4	129.3	119.0	109.3	99.2	88.4
-67.5°	165.9	158.2	149.1	139.3	130.0	120.3	111.6	102.8	93.8	84.5	74.7
-70°	142.9	136.7	129.3	120.8	111.9	102.9	94.6	86.4	78.0	70.2	62.7
-72.5°	120.8	115.1	108.5	100.7	92.9	85.3	78.3	71.6	65.1	58.6	52.0
-75°	98.4	93.6	88.4	82.1	75.7	69.4	63.5	58.2	52.7	47.0	41.4
-77.5°	77.6	74.1	70.3	65.3	60.3	55.3	50.4	45.6	41.0	36.7	32.8
-80°	58.7	56.0	53.1	49.2	45.2	41.2	37.4	34.1	30.9	28.1	25.3
-82.5°	40.9	38.8	36.6	33.8	31.0	28.2	25.5	23.5	21.5	19.6	17.8
-85°	24.6	23.4	22.3	20.7	19.1	17.6	16.3	15.2	14.1	12.9	11.7
-87.5°	11.7	10.9	10.1	9.8	9.6	9.4	9.1	8.2	7.4	6.6	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: P626968 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA2D-730-U-NR-VSR-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°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
85°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
82.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
80°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
77.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
75°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.2	0.0	0.0
72.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.3	0.6	0.6	0.2
70°	0.0	0.0	0.0	0.2	0.3	0.0	0.0	0.4	1.0	1.2	0.9
67.5°	0.0	0.0	0.0	0.6	0.9	0.8	0.2	0.5	1.1	1.8	1.6
65°	0.9	0.7	0.1	0.7	1.4	1.8	1.4	0.8	1.2	1.9	2.3
62.5°	1.7	2.1	1.6	1.2	1.5	2.2	2.6	1.8	1.5	2.0	2.6
60°	1.8	2.5	2.8	2.2	2.0	2.4	2.8	2.6	2.0	2.1	2.7
57.5°	4.9	3.2	3.2	3.0	2.5	2.6	2.8	2.8	2.5	2.4	2.8
55°	9.0	6.6	4.7	3.8	3.2	2.8	2.9	2.8	2.8	2.6	2.8
52.5°	15.7	11.4	8.4	5.7	4.2	3.2	3.2	2.8	2.8	2.7	2.8
50°	25.0	17.9	13.2	9.5	5.9	4.6	3.6	3.2	2.8	2.8	2.8
47.5°	36.6	26.8	19.2	13.9	9.7	6.3	4.9	3.8	2.8	2.8	2.8
45°	45.1	37.5	26.8	19.4	13.6	9.4	6.6	4.5	3.5	2.9	2.8
42.5°	53.5	46.6	36.5	24.9	18.8	13.0	8.5	6.1	4.2	3.1	2.9
40°	64.3	55.6	45.7	33.9	24.4	16.5	11.5	7.9	5.1	3.5	3.1
37.5°	75.4	65.7	54.9	42.5	30.8	21.8	14.6	9.7	6.4	4.5	3.4
35°	87.8	76.2	63.9	50.9	38.3	27.4	17.5	12.0	8.1	5.5	3.7
32.5°	100.4	86.2	72.4	58.9	45.4	33.1	21.7	14.8	9.8	6.6	4.1
30°	112.5	96.2	80.1	66.6	52.1	39.1	26.9	17.9	11.5	7.7	4.6
27.5°	123.6	106.0	87.6	73.5	58.8	44.8	32.2	21.2	13.0	8.9	5.5
25°	135.2	115.9	96.3	79.6	65.1	50.5	37.1	24.8	15.4	10.2	6.4
22.5°	148.4	125.9	104.6	85.1	71.8	56.1	41.8	29.0	18.1	11.5	7.3
20°	162.5	135.8	112.9	92.9	78.0	61.8	46.5	32.9	21.0	12.7	8.2
17.5°	176.9	146.7	122.9	101.9	84.2	67.2	50.9	36.5	23.8	13.8	9.0
15°	186.8	157.6	132.0	110.2	90.4	72.2	55.1	39.7	26.6	14.8	9.9
12.5°	195.0	167.0	140.0	118.0	96.5	76.7	59.0	42.6	29.3	16.2	10.7
10°	202.3	174.9	146.9	125.1	102.4	80.8	62.6	45.2	31.9	18.0	11.5
7.5°	208.6	181.4	152.9	131.5	108.0	84.9	65.6	47.4	34.0	19.8	12.2
5°	213.8	187.0	157.9	135.6	113.2	89.3	68.1	49.4	35.9	21.6	12.8
2.5°	218.0	192.2	162.2	138.7	117.7	93.2	70.2	51.1	37.4	23.3	13.3
0°	221.1	196.2	165.8	140.9	121.6	96.7	71.8	52.5	38.7	24.9	13.8
-2.5°	223.1	196.9	169.6	143.5	123.9	99.6	75.2	54.3	39.7	26.3	14.6
-5°	223.9	196.8	172.4	145.5	125.6	101.9	78.0	55.7	40.5	27.5	15.4
-7.5°	225.2	197.7	173.9	147.1	126.7	103.7	80.2	56.8	41.1	28.5	16.1
-10°	225.6	198.6	174.3	149.1	127.6	105.0	81.6	57.5	41.6	29.2	16.6
-12.5°	225.0	198.5	174.2	150.1	128.1	105.8	82.3	58.6	42.0	29.7	17.2
-15°	223.2	197.4	173.8	150.3	128.0	106.0	82.6	59.6	42.8	29.8	17.6
-17.5°	220.5	195.1	173.2	149.3	127.5	105.9	82.3	60.1	43.3	29.6	18.0
-20°	217.7	193.0	172.3	147.3	126.5	105.3	81.6	59.9	43.3	29.1	18.4

Classified

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

Scaled Data Report



REPORT NUMBER: P626968 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA2D-730-U-NR-VSR-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	191.0	169.2	145.3	125.2	104.3	80.4	59.3	42.8	28.5	18.6
-25°	209.6	188.0	165.7	143.8	123.4	102.3	79.1	58.0	41.8	27.6	18.7
-27.5°	205.1	184.0	162.1	141.6	121.0	99.9	77.3	56.7	40.4	26.5	18.7
-30°	199.8	179.4	158.8	138.7	117.6	96.6	74.8	54.8	38.9	25.9	18.4
-32.5°	194.0	174.9	155.2	134.2	113.4	92.8	71.5	52.2	37.1	25.6	18.2
-35°	188.2	169.7	150.8	128.7	108.8	88.8	68.3	48.9	35.2	25.1	18.0
-37.5°	181.4	163.4	143.7	122.7	104.0	84.4	65.2	47.0	33.0	24.4	17.6
-40°	173.6	155.6	135.5	117.2	98.9	79.8	61.9	45.3	31.6	23.5	17.2
-42.5°	164.9	147.0	129.0	111.4	93.6	75.9	58.5	43.2	30.9	22.7	16.7
-45°	155.9	139.1	122.8	105.6	88.2	71.8	55.6	40.8	30.0	22.0	16.2
-47.5°	147.6	132.5	116.2	99.2	83.5	67.6	52.3	39.2	28.7	21.3	15.6
-50°	140.5	125.2	108.9	92.8	78.0	63.3	48.8	37.2	27.6	20.4	15.0
-52.5°	132.3	116.9	101.0	85.8	72.1	58.5	45.8	34.8	26.0	19.4	14.2
-55°	122.7	107.3	92.1	78.7	65.9	53.9	42.3	32.2	24.1	18.3	13.2
-57.5°	111.3	96.4	83.9	71.8	59.8	48.9	38.5	29.2	22.3	16.9	12.2
-60°	99.7	87.6	76.2	64.3	53.3	43.4	34.1	26.2	20.5	15.5	11.0
-62.5°	89.3	78.3	67.0	56.2	46.5	37.6	29.5	23.8	18.6	13.9	9.7
-65°	77.7	67.2	57.1	48.2	39.7	32.2	26.5	21.3	16.5	12.2	8.6
-67.5°	65.1	56.8	48.3	40.2	33.9	28.4	23.3	18.5	14.2	10.3	7.9
-70°	55.1	47.3	40.3	34.6	29.3	24.4	19.8	15.6	11.8	9.2	7.1
-72.5°	45.5	39.4	34.0	29.1	24.5	20.2	16.2	12.8	10.3	8.1	6.2
-75°	36.2	31.9	27.5	23.3	19.4	15.9	13.3	10.8	8.7	6.8	5.5
-77.5°	29.0	25.1	21.1	18.1	15.8	13.4	11.0	8.7	7.2	5.9	4.7
-80°	22.3	19.6	17.2	15.1	13.0	10.8	8.9	7.3	6.2	5.1	3.9
-82.5°	16.1	14.6	13.3	12.1	10.4	8.9	7.5	6.2	5.2	4.2	3.1
-85°	11.0	10.3	9.6	9.1	7.9	6.9	5.7	4.6	3.7	2.8	2.1
-87.5°	5.6	5.3	5.1	4.8	4.1	3.4	2.9	2.3	1.8	1.4	1.0
-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: P626968 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA2D-730-U-NR-VSR-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°	0.0	0.0	0.0	0.0	0.0	0.1	0.0
85°	0.0	0.0	0.0	0.0	0.0	0.1	0.0
82.5°	0.0	0.0	0.0	0.0	0.0	0.2	0.0
80°	0.0	0.0	0.0	0.0	0.0	0.2	0.0
77.5°	0.0	0.1	0.0	0.0	0.0	0.3	0.0
75°	0.1	0.2	0.0	0.0	0.0	0.4	0.0
72.5°	0.1	0.4	0.3	0.0	0.1	0.4	0.0
70°	0.3	0.6	0.6	0.1	0.1	0.5	0.0
67.5°	1.0	0.9	0.8	0.3	0.2	0.6	0.0
65°	1.6	1.2	1.1	0.6	0.2	0.6	0.0
62.5°	2.2	1.6	1.4	0.9	0.3	0.7	0.0
60°	2.7	2.0	1.8	1.2	0.4	0.8	0.0
57.5°	2.8	2.3	2.0	1.5	0.6	0.9	0.0
55°	2.8	2.6	2.2	1.8	0.8	0.9	0.0
52.5°	2.8	2.8	2.3	2.1	1.1	1.0	0.0
50°	2.8	2.8	2.5	2.4	1.3	1.1	0.0
47.5°	2.8	2.8	2.6	2.7	1.5	1.2	0.0
45°	2.8	2.8	2.7	2.7	1.6	1.3	0.0
42.5°	2.8	2.8	2.8	2.8	1.8	1.4	0.0
40°	2.8	2.8	2.8	2.8	2.0	1.5	0.0
37.5°	2.8	2.8	2.8	2.8	2.1	1.5	0.0
35°	2.8	2.8	2.8	2.8	2.2	1.6	0.0
32.5°	2.9	2.8	2.8	2.8	2.3	1.7	0.0
30°	3.2	2.8	2.8	2.8	2.4	1.8	0.0
27.5°	3.5	2.8	2.8	2.8	2.5	1.9	0.0
25°	3.8	2.8	2.8	2.8	2.6	2.0	0.0
22.5°	4.1	2.8	2.8	2.8	2.6	2.1	0.0
20°	4.5	3.0	2.8	2.8	2.7	2.2	0.0
17.5°	5.0	3.3	2.8	2.8	2.7	2.3	0.0
15°	5.5	3.6	2.8	2.8	2.8	2.4	0.0
12.5°	6.0	3.9	2.8	2.8	2.8	2.4	0.0
10°	6.6	4.2	2.8	2.8	2.8	2.5	0.0
7.5°	7.0	4.5	2.8	2.8	2.8	2.6	0.0
5°	7.5	4.9	2.8	2.8	2.8	2.7	0.0
2.5°	7.9	5.2	2.8	2.8	2.8	2.7	0.0
0°	8.3	5.5	2.8	2.8	2.8	2.8	0.0
-2.5°	9.0	5.8	3.0	2.8	2.8	2.8	0.0
-5°	9.7	6.1	3.3	2.8	2.8	2.8	0.0
-7.5°	10.3	6.3	3.5	2.8	2.8	2.8	0.0
-10°	10.8	6.5	3.7	2.8	2.8	2.8	0.0
-12.5°	11.3	6.7	3.9	2.8	2.8	2.7	0.0
-15°	11.6	6.9	4.0	2.8	2.8	2.7	0.0
-17.5°	11.9	7.0	4.1	2.8	2.8	2.7	0.0
-20°	12.0	7.1	4.2	2.8	2.8	2.6	0.0

Classified

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

Scaled Data Report



REPORT NUMBER: P626968 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA2D-730-U-NR-VSR-XX

CANDELA DISTRIBUTION (continued):

	75°	77.5°	80°	82.5°	85°	87.5°	90°
-22.5°	12.2	7.1	4.2	2.8	2.8	2.6	0.0
-25°	12.3	7.3	4.2	2.8	2.8	2.5	0.0
-27.5°	12.3	7.5	4.2	2.8	2.8	2.5	0.0
-30°	12.2	7.6	4.1	2.8	2.8	2.4	0.0
-32.5°	12.1	7.7	4.1	2.8	2.8	2.4	0.0
-35°	12.0	7.7	4.0	2.8	2.8	2.3	0.0
-37.5°	12.0	7.6	3.9	2.8	2.8	2.2	0.0
-40°	11.8	7.4	3.8	2.8	2.8	2.1	0.0
-42.5°	11.6	7.2	3.8	2.8	2.8	2.1	0.0
-45°	11.2	6.9	3.9	2.9	2.8	2.0	0.0
-47.5°	10.8	6.6	3.9	3.0	2.8	1.9	0.0
-50°	10.2	6.1	4.0	3.0	2.8	1.8	0.0
-52.5°	9.6	5.7	4.0	3.0	2.8	1.7	0.0
-55°	8.8	5.5	3.9	3.0	2.8	1.6	0.0
-57.5°	8.0	5.4	3.9	3.0	2.8	1.5	0.0
-60°	7.2	5.2	3.8	3.0	2.8	1.4	0.0
-62.5°	6.8	5.0	3.7	3.0	2.6	1.3	0.0
-65°	6.4	4.7	3.6	2.9	2.4	1.2	0.0
-67.5°	5.9	4.4	3.4	2.9	2.1	1.1	0.0
-70°	5.3	4.1	3.2	2.8	1.9	1.0	0.0
-72.5°	4.8	3.7	3.0	2.5	1.7	0.8	0.0
-75°	4.2	3.3	2.8	2.2	1.4	0.7	0.0
-77.5°	3.5	2.9	2.4	1.8	1.2	0.6	0.0
-80°	2.9	2.4	1.9	1.5	1.0	0.5	0.0
-82.5°	2.2	1.8	1.5	1.1	0.7	0.4	0.0
-85°	1.4	1.2	1.0	0.7	0.5	0.2	0.0
-87.5°	0.7	0.6	0.5	0.4	0.2	0.1	0.0
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0

(END OF REPORT)