

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: P626808 (CONVERTED FROM TYPE C PHOTOMETRY)

Luminaire Tested: **GFLD-SA1E-740-U-NR-VSR-XX**

Issue Date: 12/7/2022

Test Information

Test Method: LM-79-08
Report Number: P626808 (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-SA1E-740-U-NR-VSR-XX
Description: GALLEON FLOOD, ONE LIGHT SQAURE, NARROW SYMMETRICAL ROUND N3 WITH VISOR
Light Source: (16) 4000K CCT, 70 CRI LEDS
Ballast/Driver: -

Summary

Lumens per Lamp: N/A
Luminaire Lumens: 7627.5 lumens
Efficiency: N/A
Efficacy: 115.2 lumens/watt
Luminous Opening: Rectangular (W 0.5' x L: 0.5' x H: 0')

NEMA Type: 3H x 3V
Max Intensity: 77317.7 candela
Max Intensity Angle: 0°H x 0°V

Beam Angle (50%): 13.6°H x 13.6°V
Beam Lumens: 2435.1 lumens
Beam Efficiency: 31.9%

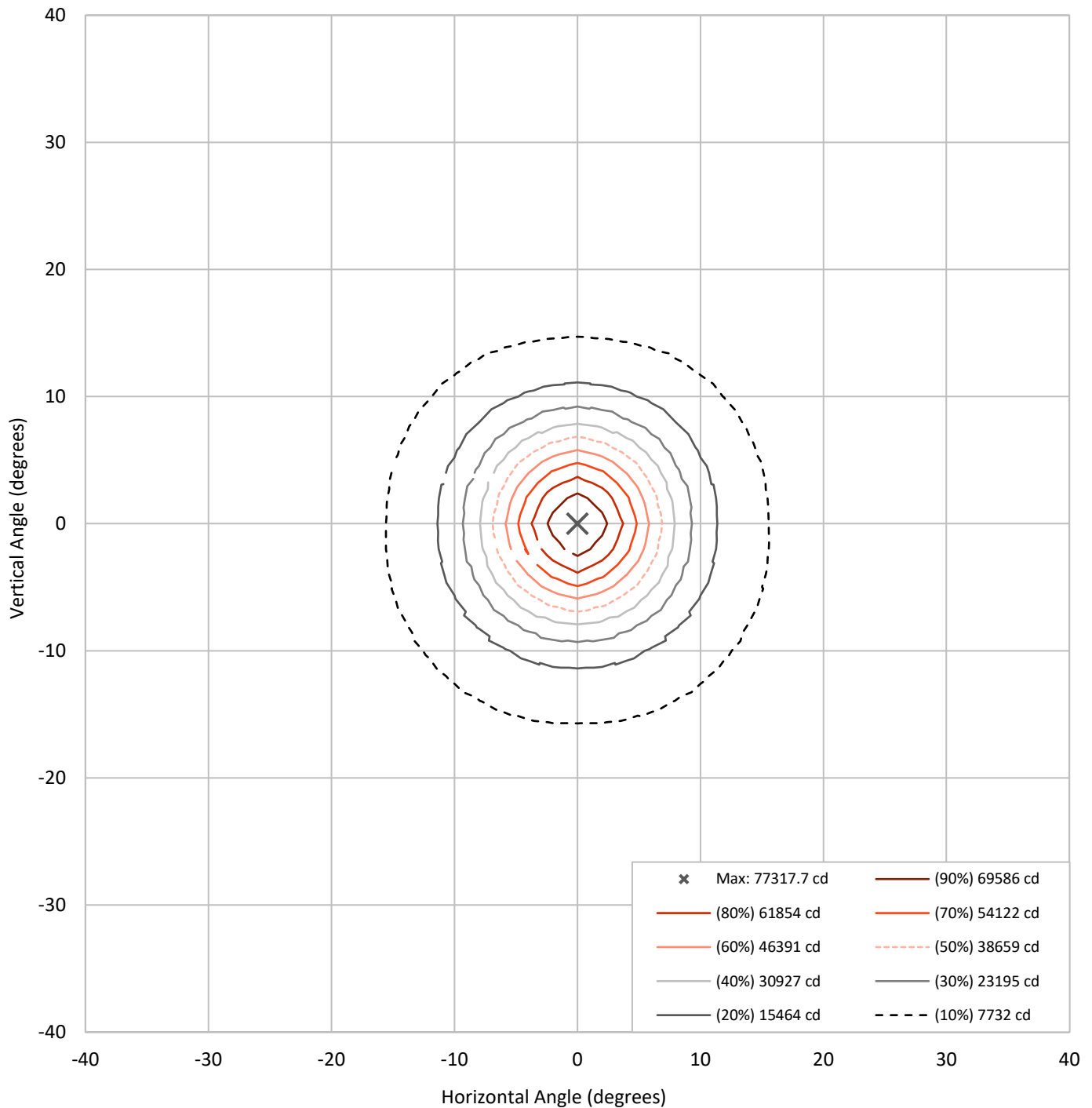
Field Angle (10%): 30.9°H x 30.2°V
Field Lumens: 5423.7 lumens
Field Efficiency: 71.1%

Input Watts (W): 66.2
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: P626808 (CONVERTED FROM TYPE C PHOTOMETRY)
CATALOG NUMBER: GFLD-SA1E-740-U-NR-VSR-XX

Iso-Candela Plot





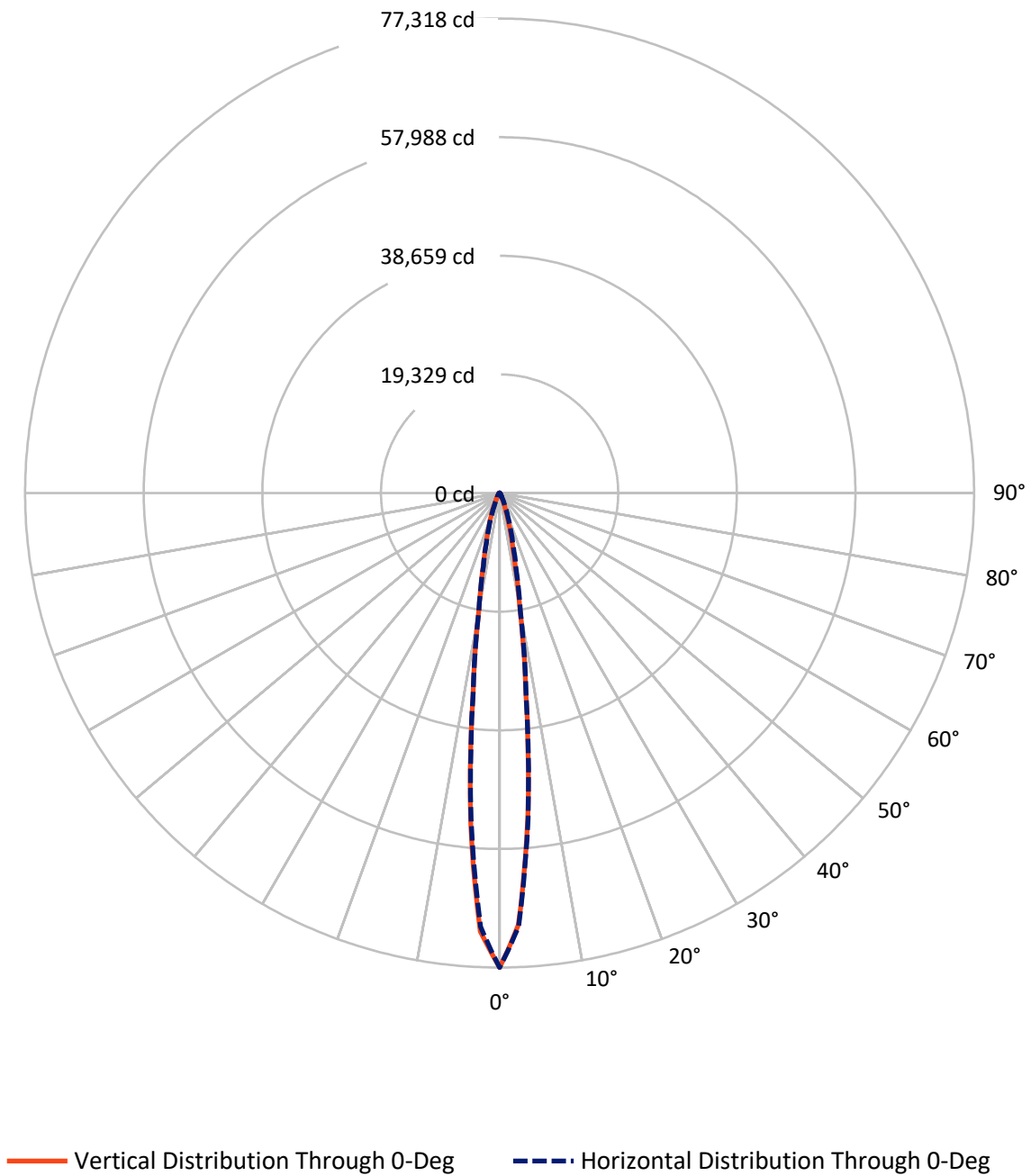
REPORT NUMBER: P626808 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA1E-740-U-NR-VSR-XX

Lumen Table

90	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	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	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	0.0	0.0	0.0	0.0	0.0	0.0
60		0.0	0.1	0.2	0.4	0.7	0.9	1.1	1.1	0.9	0.7	0.4	0.2	0.1	0.0		
50	0.0	0.0	0.2	0.7	1.2	1.8	2.6	3.0	3.0	2.6	1.8	1.2	0.7	0.2	0.0	0.0	
40		0.1	0.5	1.3	2.3	3.6	6.2	7.9	7.9	6.2	3.6	2.3	1.3	0.5	0.1		
30	0.1	0.2	0.9	2.0	3.6	7.8	20.7	34.3	34.3	20.7	7.8	3.6	2.0	0.9	0.2	0.1	
20		0.3	1.2	2.7	5.9	23.2	97.8	214.9	214.9	97.8	23.2	5.9	2.7	1.2	0.3		
10	0.1	0.4	1.4	3.2	8.0	43.5	234.3	1050.7	1050.7	234.3	43.5	8.0	3.2	1.4	0.4	0.1	
0		0.5	1.5	3.4	8.6	46.4	242.5	1068.6	1068.6	242.5	46.4	8.6	3.4	1.5	0.5		
-10	0.1	0.5	1.6	3.3	7.6	29.5	117.7	251.8	251.8	117.7	29.5	7.6	3.3	1.6	0.5	0.1	
-20		0.5	1.5	3.0	5.8	13.8	36.3	60.5	60.5	36.3	13.8	5.8	3.0	1.5	0.5		
-30	0.1	0.4	1.3	2.7	4.6	7.6	12.3	15.7	15.7	12.3	7.6	4.6	2.7	1.3	0.4	0.1	
-40		0.3	1.1	2.2	3.7	5.3	7.1	7.9	7.9	7.1	5.3	3.7	2.2	1.1	0.3		
-50	0.1	0.3	0.8	1.7	2.9	4.1	5.1	5.6	5.6	5.1	4.1	2.9	1.7	0.8	0.3	0.1	
-60		0.2	0.5	1.1	1.9	2.8	3.6	3.9	3.9	3.6	2.8	1.9	1.1	0.5	0.2		
-70	0.0	0.5	1.9	4.2	5.3	4.2	1.9	0.5	0.0	0.0							
-80		0.0	0.5	1.9	4.2	5.3	4.2	1.9	0.5		0.0						
-90	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	0.0	0.0

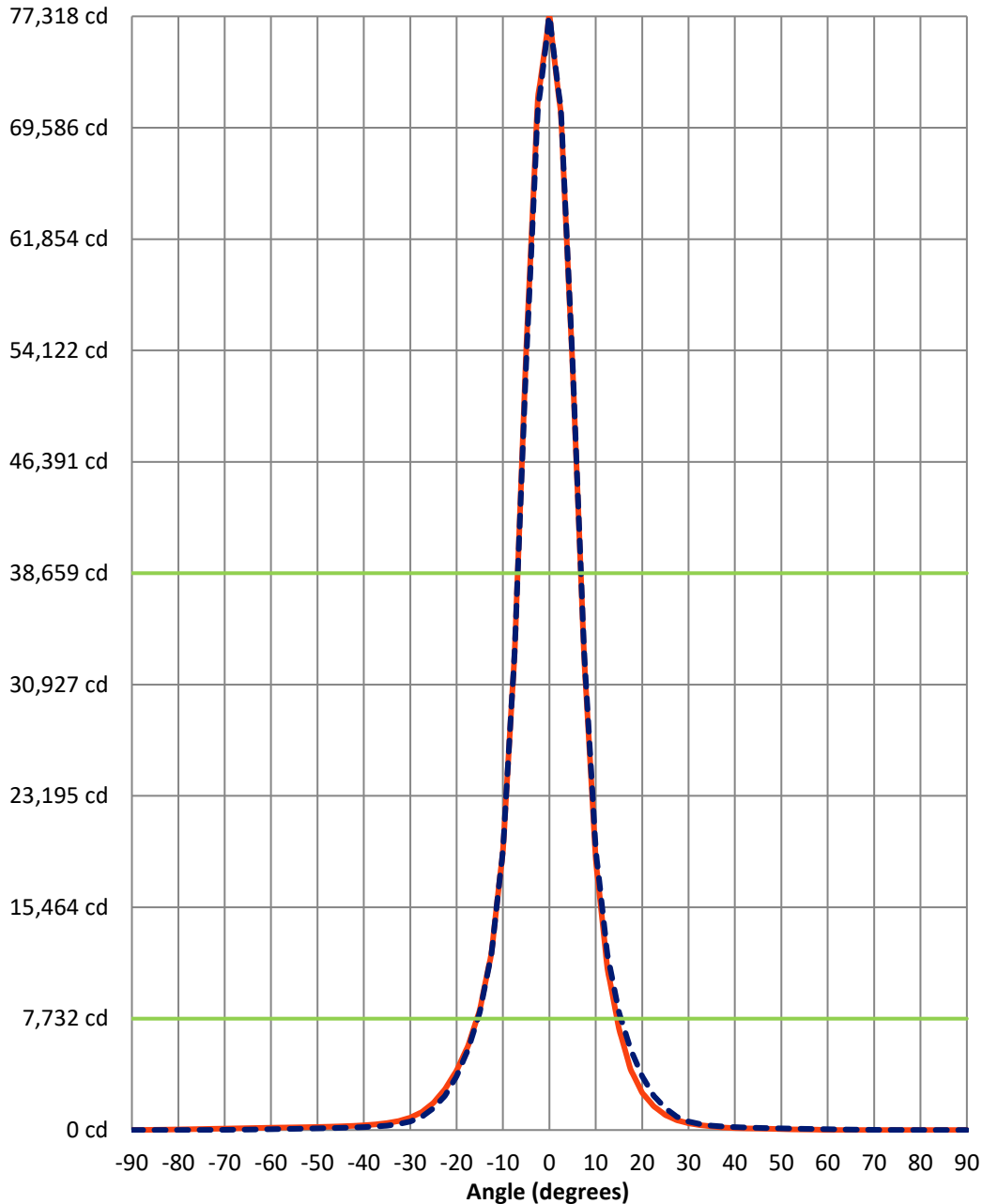
REPORT NUMBER: P626808 (CONVERTED FROM TYPE C PHOTOMETRY)
CATALOG NUMBER: GFLD-SA1E-740-U-NR-VSR-XX

Luminous Intensity Polar Plot



REPORT NUMBER: P626808 (CONVERTED FROM TYPE C PHOTOMETRY)
CATALOG NUMBER: GFLD-SA1E-740-U-NR-VSR-XX

Luminous Intensity Plot



Beam:
H Angle: 13.6°
V Angle: 13.6°
Lumens: 2435.1
Efficiency: 31.9%

Field:
H Angle: 30.9°
V Angle: 30.2°
Lumens: 5423.7
Efficiency: 71.1%

Spill:
Lumens: 2203.9
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: P626808 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA1E-740-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	0.0	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	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
80°	0.0	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
77.5°	0.0	0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
75°	0.0	0.2	0.0	0.0	0.0	0.1	0.0	0.0	0.0	0.1	0.1
72.5°	0.0	0.3	0.0	0.0	0.2	0.2	0.1	0.1	0.3	0.4	0.2
70°	0.0	0.3	0.1	0.0	0.3	0.4	0.2	0.5	0.7	0.6	0.2
67.5°	0.0	0.3	0.1	0.2	0.5	0.5	0.6	0.9	1.0	0.6	0.3
65°	0.0	0.4	0.1	0.3	0.6	0.7	0.9	1.3	1.1	0.7	0.5
62.5°	0.0	0.4	0.2	0.5	0.8	0.9	1.3	1.5	1.1	0.8	1.0
60°	0.0	0.5	0.2	0.7	1.0	1.1	1.6	1.6	1.2	1.2	1.5
57.5°	0.0	0.5	0.3	0.8	1.1	1.3	1.6	1.6	1.3	1.4	1.6
55°	0.0	0.5	0.5	1.0	1.2	1.5	1.6	1.6	1.5	1.6	1.6
52.5°	0.0	0.6	0.6	1.2	1.3	1.6	1.6	1.6	1.6	1.6	1.6
50°	0.0	0.6	0.7	1.4	1.4	1.6	1.6	1.6	1.6	1.6	1.9
47.5°	0.0	0.7	0.8	1.5	1.5	1.6	1.6	1.6	1.6	1.6	2.3
45°	0.0	0.7	0.9	1.6	1.5	1.6	1.6	1.6	1.7	2.0	2.7
42.5°	0.0	0.8	1.0	1.6	1.6	1.6	1.6	1.7	1.8	2.5	3.6
40°	0.0	0.8	1.1	1.6	1.6	1.6	1.6	1.8	2.1	3.0	4.7
37.5°	0.0	0.9	1.2	1.6	1.6	1.6	1.6	2.0	2.6	3.8	5.7
35°	0.0	0.9	1.3	1.6	1.6	1.6	1.6	2.2	3.3	4.8	7.0
32.5°	0.0	1.0	1.3	1.6	1.6	1.6	1.7	2.4	3.9	5.8	8.7
30°	0.0	1.0	1.4	1.6	1.6	1.6	1.8	2.7	4.5	6.8	10.6
27.5°	0.0	1.1	1.4	1.6	1.6	1.6	2.0	3.3	5.3	7.7	12.6
25°	0.0	1.1	1.5	1.6	1.6	1.6	2.2	3.8	6.0	9.0	14.7
22.5°	0.0	1.2	1.5	1.6	1.6	1.6	2.4	4.3	6.8	10.7	17.2
20°	0.0	1.2	1.5	1.6	1.6	1.8	2.6	4.8	7.5	12.4	19.5
17.5°	0.0	1.3	1.6	1.6	1.6	1.9	2.9	5.3	8.1	14.1	21.6
15°	0.0	1.3	1.6	1.6	1.6	2.1	3.3	5.8	8.7	15.7	23.5
12.5°	0.0	1.4	1.6	1.6	1.6	2.3	3.6	6.3	9.6	17.3	25.2
10°	0.0	1.4	1.6	1.6	1.6	2.5	3.9	6.8	10.6	18.8	26.7
7.5°	0.0	1.5	1.6	1.6	1.6	2.7	4.2	7.2	11.7	20.1	28.1
5°	0.0	1.5	1.6	1.6	1.6	2.9	4.4	7.6	12.8	21.2	29.2
2.5°	0.0	1.6	1.6	1.6	1.6	3.1	4.7	7.9	13.8	22.1	30.2
0°	0.0	1.6	1.6	1.6	1.6	3.3	4.9	8.2	14.7	22.9	31.1
-2.5°	0.0	1.6	1.6	1.6	1.7	3.5	5.3	8.7	15.5	23.5	32.2
-5°	0.0	1.6	1.6	1.6	1.9	3.6	5.7	9.1	16.3	24.0	33.0
-7.5°	0.0	1.6	1.6	1.6	2.0	3.8	6.1	9.6	16.8	24.4	33.7
-10°	0.0	1.6	1.6	1.6	2.2	3.9	6.4	9.9	17.3	24.6	34.1
-12.5°	0.0	1.6	1.6	1.6	2.3	4.0	6.7	10.2	17.5	24.9	34.7
-15°	0.0	1.5	1.6	1.6	2.4	4.1	6.9	10.5	17.6	25.4	35.3
-17.5°	0.0	1.5	1.6	1.6	2.4	4.1	7.0	10.7	17.5	25.6	35.6
-20°	0.0	1.5	1.6	1.6	2.5	4.2	7.1	10.9	17.2	25.6	35.5

Classified

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

Scaled Data Report



REPORT NUMBER: P626808 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA1E-740-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	1.5	1.6	1.6	2.5	4.2	7.2	11.0	16.9	25.3	35.1
-25°	0.0	1.5	1.6	1.6	2.5	4.3	7.3	11.1	16.3	24.7	34.4
-27.5°	0.0	1.4	1.6	1.6	2.5	4.5	7.3	11.1	15.7	23.9	33.6
-30°	0.0	1.4	1.6	1.6	2.4	4.5	7.2	10.9	15.4	23.0	32.5
-32.5°	0.0	1.3	1.6	1.6	2.4	4.6	7.1	10.8	15.2	22.0	30.9
-35°	0.0	1.3	1.6	1.6	2.4	4.6	7.1	10.7	14.8	20.8	28.9
-37.5°	0.0	1.3	1.6	1.6	2.3	4.5	7.1	10.5	14.4	19.5	27.8
-40°	0.0	1.2	1.6	1.6	2.2	4.4	7.0	10.2	13.9	18.6	26.8
-42.5°	0.0	1.2	1.6	1.6	2.2	4.3	6.9	9.9	13.4	18.3	25.5
-45°	0.0	1.1	1.6	1.7	2.2	4.1	6.7	9.6	13.0	17.7	24.1
-47.5°	0.0	1.1	1.6	1.7	2.3	3.9	6.4	9.3	12.6	17.0	23.2
-50°	0.0	1.0	1.6	1.7	2.3	3.6	6.1	8.9	12.2	16.3	22.0
-52.5°	0.0	1.0	1.6	1.7	2.3	3.3	5.7	8.4	11.5	15.4	20.6
-55°	0.0	0.9	1.6	1.7	2.3	3.2	5.2	7.9	10.9	14.3	19.1
-57.5°	0.0	0.9	1.6	1.7	2.3	3.2	4.7	7.2	10.1	13.3	17.3
-60°	0.0	0.8	1.6	1.7	2.2	3.1	4.2	6.5	9.2	12.2	15.5
-62.5°	0.0	0.7	1.5	1.7	2.2	2.9	4.0	5.8	8.2	11.0	14.1
-65°	0.0	0.7	1.4	1.7	2.1	2.8	3.8	5.1	7.2	9.8	12.6
-67.5°	0.0	0.6	1.2	1.6	2.0	2.6	3.5	4.7	6.1	8.4	11.0
-70°	0.0	0.5	1.1	1.6	1.9	2.4	3.2	4.2	5.5	7.0	9.3
-72.5°	0.0	0.5	1.0	1.4	1.8	2.2	2.8	3.7	4.8	6.1	7.6
-75°	0.0	0.4	0.8	1.2	1.6	1.9	2.5	3.2	4.1	5.1	6.4
-77.5°	0.0	0.3	0.7	1.0	1.4	1.7	2.1	2.8	3.5	4.3	5.1
-80°	0.0	0.3	0.6	0.8	1.1	1.4	1.7	2.3	3.0	3.7	4.3
-82.5°	0.0	0.2	0.4	0.6	0.8	1.0	1.2	1.8	2.5	3.1	3.7
-85°	0.0	0.1	0.3	0.4	0.6	0.7	0.8	1.2	1.7	2.2	2.8
-87.5°	0.0	0.1	0.1	0.2	0.3	0.3	0.4	0.6	0.8	1.1	1.4
-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: P626808 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA1E-740-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	0.2	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0
67.5°	0.1	0.5	0.5	0.3	0.0	0.0	0.0	0.1	0.0	0.0	0.0
65°	0.8	1.0	0.8	0.4	0.0	0.4	0.5	0.4	0.1	0.0	0.0
62.5°	1.5	1.3	0.9	0.7	0.9	1.2	0.9	0.5	0.1	0.8	1.2
60°	1.6	1.3	1.1	1.3	1.6	1.4	1.1	1.6	2.4	3.0	3.7
57.5°	1.6	1.5	1.5	1.7	1.8	1.8	2.9	3.9	5.5	6.8	7.7
55°	1.6	1.6	1.8	2.2	2.7	3.9	5.3	7.6	9.3	12.0	14.3
52.5°	1.8	1.8	2.5	3.4	4.9	6.8	9.3	12.4	15.9	18.5	21.3
50°	2.1	2.7	3.5	5.6	7.8	10.7	14.8	19.3	22.3	25.3	29.2
47.5°	2.9	3.7	5.8	8.2	11.4	15.9	21.6	24.9	27.8	32.5	37.4
45°	3.9	5.6	8.1	11.5	15.9	22.2	26.7	29.4	34.4	39.8	45.5
42.5°	5.0	7.7	11.1	14.7	21.6	27.6	31.7	35.9	41.0	47.3	53.4
40°	6.8	9.8	14.4	20.0	27.1	32.9	38.1	42.9	47.9	56.1	62.7
37.5°	8.6	13.0	18.2	25.2	32.5	38.9	44.6	50.7	57.8	67.1	73.0
35°	10.4	16.2	22.7	30.1	37.8	45.1	52.0	59.1	68.4	77.2	84.2
32.5°	12.9	19.6	26.9	34.9	42.8	51.1	59.4	67.9	77.1	86.1	95.2
30°	16.0	23.2	30.9	39.5	47.5	57.0	66.7	75.7	84.9	94.3	104.7
27.5°	19.1	26.6	34.8	43.5	51.9	62.8	73.2	82.6	92.1	102.2	114.1
25°	22.0	29.9	38.6	47.2	57.0	68.6	80.1	91.0	99.0	110.5	124.4
22.5°	24.8	33.2	42.6	50.4	61.9	74.6	87.9	99.6	109.0	119.3	135.1
20°	27.5	36.6	46.2	55.1	66.9	80.5	96.2	108.3	120.0	133.3	149.4
17.5°	30.2	39.8	49.9	60.4	72.8	86.9	104.8	117.1	131.1	147.1	167.3
15°	32.6	42.7	53.5	65.3	78.2	93.4	110.6	125.9	142.7	161.2	185.1
12.5°	35.0	45.4	57.2	69.9	82.9	98.9	115.5	131.8	151.1	175.3	205.3
10°	37.1	47.8	60.7	74.1	87.1	103.6	119.8	136.8	157.1	183.7	218.1
7.5°	38.9	50.3	64.0	77.9	90.6	107.5	123.6	140.9	162.2	190.6	226.6
5°	40.4	52.9	67.0	80.4	93.5	110.8	126.7	144.2	166.2	196.0	232.7
2.5°	41.6	55.2	69.7	82.2	96.1	113.8	129.1	147.7	170.3	200.2	238.5
0°	42.6	57.3	72.0	83.5	98.2	116.2	130.9	150.6	173.5	202.9	243.8
-2.5°	44.6	59.0	73.4	85.0	100.4	116.6	132.1	151.0	174.7	205.0	244.8
-5°	46.2	60.4	74.4	86.2	102.1	116.5	132.6	150.6	175.1	206.2	246.6
-7.5°	47.5	61.4	75.0	87.1	103.0	117.1	133.4	151.8	176.4	207.3	248.9
-10°	48.3	62.1	75.6	88.3	103.3	117.6	133.6	152.1	176.2	206.6	247.6
-12.5°	48.7	62.6	75.8	88.9	103.2	117.6	133.3	151.4	174.4	204.1	242.6
-15°	48.9	62.8	75.8	89.0	103.0	116.9	132.2	149.7	171.1	199.7	234.7
-17.5°	48.7	62.7	75.5	88.5	102.6	115.6	130.6	147.3	167.9	194.6	228.2
-20°	48.3	62.4	74.9	87.3	102.0	114.3	129.0	145.1	164.4	188.7	218.8

Classified

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

Scaled Data Report



REPORT NUMBER: P626808 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA1E-740-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°	47.7	61.8	74.1	86.1	100.2	113.2	126.9	142.2	159.5	181.5	208.2
-25°	46.9	60.6	73.1	85.2	98.2	111.4	124.2	138.8	154.7	175.7	199.8
-27.5°	45.8	59.2	71.7	83.9	96.0	109.0	121.5	135.3	151.0	169.6	191.1
-30°	44.3	57.2	69.7	82.1	94.1	106.3	118.4	131.6	146.3	163.8	183.7
-32.5°	42.4	55.0	67.2	79.5	91.9	103.6	115.0	127.6	141.5	156.8	175.7
-35°	40.5	52.6	64.5	76.2	89.3	100.5	111.5	123.1	136.1	150.3	165.7
-37.5°	38.6	50.0	61.6	72.7	85.1	96.8	107.4	118.5	130.5	143.5	157.5
-40°	36.7	47.3	58.6	69.4	80.2	92.2	102.8	113.5	124.6	137.7	150.1
-42.5°	34.6	45.0	55.4	66.0	76.4	87.0	97.7	107.9	119.6	132.0	144.2
-45°	32.9	42.5	52.2	62.5	72.8	82.4	92.3	101.9	113.8	126.2	138.1
-47.5°	31.0	40.0	49.4	58.8	68.8	78.5	87.4	97.1	107.1	118.9	131.4
-50°	28.9	37.5	46.2	55.0	64.5	74.1	83.2	92.1	101.6	111.3	122.1
-52.5°	27.2	34.7	42.7	50.8	59.8	69.2	78.4	87.3	96.1	105.1	114.3
-55°	25.1	32.0	39.1	46.6	54.5	63.5	72.6	81.3	90.3	98.7	107.8
-57.5°	22.8	29.0	35.4	42.5	49.7	57.0	65.9	74.5	82.9	91.5	100.8
-60°	20.2	25.7	31.6	38.1	45.1	51.8	59.0	67.0	75.1	83.3	91.9
-62.5°	17.5	22.3	27.6	33.3	39.7	46.3	52.8	59.7	67.0	74.1	81.5
-65°	15.7	19.1	23.5	28.6	33.9	39.8	46.0	52.3	58.7	64.7	70.4
-67.5°	13.8	16.8	20.1	23.8	28.6	33.7	38.6	44.3	50.0	55.5	60.8
-70°	11.8	14.5	17.4	20.5	23.8	28.0	32.6	37.2	41.6	46.2	51.2
-72.5°	9.6	12.0	14.5	17.2	20.1	23.3	26.9	30.8	34.7	38.5	42.4
-75°	7.9	9.5	11.6	13.8	16.3	18.9	21.4	24.5	27.8	31.2	34.5
-77.5°	6.5	8.0	9.4	10.8	12.6	14.9	17.2	19.5	21.8	24.3	27.0
-80°	5.3	6.4	7.7	9.0	10.2	11.6	13.2	15.0	16.7	18.3	20.2
-82.5°	4.4	5.3	6.2	7.2	7.9	8.7	9.5	10.5	11.6	12.8	13.9
-85°	3.4	4.1	4.7	5.4	5.7	6.1	6.5	6.9	7.6	8.3	9.0
-87.5°	1.7	2.0	2.4	2.8	3.0	3.1	3.3	3.5	3.9	4.4	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: P626808 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA1E-740-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°	0.1	0.0	0.0	0.0	0.0	0.3	0.4	0.3	0.1	0.0	0.0
62.5°	1.0	0.8	1.3	1.7	1.8	1.8	1.6	1.5	1.3	1.1	1.3
60°	3.9	3.9	5.4	6.1	5.6	3.9	6.2	7.3	7.0	6.0	6.0
57.5°	9.6	11.7	13.2	13.8	16.0	19.5	20.2	19.0	18.6	18.9	21.9
55°	16.7	18.3	19.2	22.1	24.8	26.7	27.8	28.9	30.6	32.6	34.8
52.5°	23.5	25.8	27.6	30.3	33.4	34.5	34.2	38.3	41.4	43.4	44.3
50°	32.3	35.2	39.3	43.4	45.2	47.0	48.8	52.2	57.0	63.1	66.5
47.5°	41.8	46.3	50.6	55.3	57.7	59.6	62.4	68.2	75.1	81.6	84.9
45°	50.3	54.3	59.2	63.3	66.3	69.9	74.0	79.2	86.9	93.7	98.4
42.5°	57.2	61.7	66.7	71.7	74.7	79.6	85.7	92.8	100.9	108.0	113.2
40°	66.8	70.6	78.6	83.3	84.5	89.0	101.3	111.0	120.2	128.9	133.2
37.5°	78.4	85.9	94.2	98.4	102.7	110.7	127.1	142.8	154.5	166.2	172.6
35°	91.6	101.4	112.7	117.8	126.8	144.3	163.6	185.5	212.7	224.1	234.4
32.5°	104.4	115.4	125.8	137.2	153.0	173.9	195.6	231.1	264.1	289.8	308.5
30°	115.8	127.4	140.3	155.0	177.3	206.1	242.3	288.2	334.9	375.6	410.0
27.5°	127.0	140.2	155.6	177.4	208.8	248.0	305.8	371.3	449.1	506.5	575.0
25°	139.3	154.4	174.2	205.8	248.1	306.7	399.2	505.4	633.1	736.7	845.1
22.5°	153.8	176.2	201.3	236.5	310.4	407.0	533.3	714.9	911.3	1093.0	1267.9
20°	171.4	202.0	242.3	307.1	402.0	544.8	764.2	1054.0	1342.9	1650.6	1946.8
17.5°	196.6	240.6	303.1	395.5	520.6	802.9	1158.9	1607.1	2183.0	2704.9	3160.6
15°	220.1	272.7	371.5	509.6	727.7	1102.0	1642.6	2382.5	3280.0	4097.9	4961.8
12.5°	244.9	306.9	420.4	596.3	899.4	1386.6	2146.4	3160.1	4283.9	5516.7	6920.8
10°	264.4	339.8	475.7	698.7	1072.3	1679.0	2584.1	3813.5	5306.8	7131.2	9375.8
7.5°	277.6	366.2	521.4	773.6	1231.5	1978.1	3067.6	4545.3	6412.3	8829.1	11970.0
5°	288.0	386.3	555.7	842.0	1366.2	2206.3	3425.8	5186.1	7394.6	10632.8	15955.6
2.5°	296.3	401.8	576.9	889.0	1450.7	2365.3	3666.2	5548.7	7979.4	11966.4	18872.0
0°	302.8	415.7	590.8	918.1	1515.5	2381.2	3741.2	5615.0	8189.3	12207.1	19499.6
-2.5°	305.5	423.1	595.6	924.5	1509.0	2408.5	3764.1	5668.0	8181.5	12075.2	18798.7
-5°	310.1	423.0	592.0	918.0	1475.2	2338.0	3614.6	5371.5	7687.9	11036.7	16545.0
-7.5°	313.4	416.3	574.8	876.4	1386.6	2185.4	3351.9	4880.1	6789.5	9332.2	12743.7
-10°	310.4	403.4	546.3	806.6	1248.9	1940.7	2952.5	4231.4	5818.4	7702.7	10020.6
-12.5°	298.7	379.4	499.6	708.9	1070.6	1666.6	2550.6	3639.6	4814.1	6137.5	7739.2
-15°	283.9	353.6	457.6	641.8	938.4	1394.9	2040.4	2923.7	3865.9	4870.7	5942.2
-17.5°	272.5	331.0	417.1	550.5	768.6	1131.6	1638.8	2266.3	2958.7	3723.7	4358.7
-20°	256.9	303.2	375.4	484.3	650.8	891.3	1260.6	1716.6	2173.5	2711.3	3150.0

Classified

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

Scaled Data Report



REPORT NUMBER: P626808 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA1E-740-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°	241.3	281.6	336.6	416.3	540.1	721.8	950.0	1254.5	1588.6	1897.3	2201.2
-25°	226.8	257.8	302.4	367.7	451.7	575.7	738.1	912.8	1133.0	1320.9	1529.5
-27.5°	215.1	241.8	274.6	322.6	387.7	467.4	583.8	700.8	816.6	911.4	1055.1
-30°	203.8	225.3	252.7	286.9	335.8	397.2	472.7	548.6	615.4	676.4	751.2
-32.5°	192.7	210.2	231.2	259.6	294.7	340.9	387.3	441.7	488.1	531.0	570.6
-35°	181.5	197.1	213.1	237.1	265.0	297.9	331.6	368.5	400.6	429.5	455.0
-37.5°	171.5	185.1	200.2	218.0	240.6	265.3	292.8	319.6	340.8	359.6	375.1
-40°	163.0	175.4	188.3	202.6	219.7	239.3	262.6	284.9	299.8	311.3	320.7
-42.5°	155.4	166.4	177.4	189.5	202.6	219.5	238.0	256.4	266.5	275.3	282.1
-45°	149.4	157.7	167.0	177.3	189.0	203.1	217.7	230.4	239.4	247.0	252.6
-47.5°	141.3	149.4	157.4	165.9	176.8	188.6	200.6	210.3	218.2	224.9	229.2
-50°	132.4	141.0	148.3	155.8	165.8	175.8	185.4	193.5	201.0	207.5	210.9
-52.5°	123.3	132.4	140.1	147.4	155.8	164.5	173.3	180.2	186.7	192.9	195.5
-55°	116.7	125.1	133.1	139.9	146.8	153.8	160.9	168.1	174.6	180.4	182.1
-57.5°	109.6	118.1	126.0	132.2	138.4	144.7	151.2	157.7	163.9	169.5	171.0
-60°	100.8	110.1	117.1	123.0	129.0	135.2	140.9	146.7	152.5	157.4	158.9
-62.5°	89.8	98.3	105.2	111.3	117.2	122.6	128.1	133.5	138.7	142.6	143.8
-65°	76.5	83.7	90.9	97.3	103.0	108.2	113.3	118.3	123.0	126.4	128.1
-67.5°	66.1	71.2	77.0	82.5	88.3	93.7	98.3	102.6	106.7	109.5	111.4
-70°	56.0	60.9	66.3	71.6	76.6	81.0	84.6	88.2	91.7	94.2	96.1
-72.5°	46.3	50.5	55.0	59.7	64.3	68.2	71.6	74.8	77.7	79.9	81.7
-75°	37.7	41.1	44.9	48.6	52.4	55.5	58.3	61.1	63.7	65.6	67.3
-77.5°	29.9	32.8	35.8	38.7	41.6	43.9	46.0	48.0	50.0	51.5	52.9
-80°	22.1	24.4	26.8	29.1	31.5	33.2	34.8	36.2	37.6	38.5	39.3
-82.5°	15.1	16.7	18.3	20.0	21.6	22.9	24.2	25.4	26.6	27.0	27.3
-85°	9.7	10.5	11.3	12.2	13.1	13.9	14.5	15.2	15.8	16.4	16.9
-87.5°	5.3	5.5	5.6	5.8	5.9	6.4	6.9	7.4	7.9	8.0	8.1
-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: P626808 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA1E-740-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	0.1	0.3
62.5°	1.4	1.5	1.6	1.6	1.6	1.5	1.4	1.3	1.1	1.3	1.5
60°	5.6	5.0	4.9	4.9	4.9	5.0	5.6	6.0	6.0	7.0	7.3
57.5°	24.9	27.7	28.5	27.8	28.5	27.7	24.9	21.9	18.9	18.6	19.0
55°	36.2	37.1	37.5	37.6	37.5	37.1	36.2	34.8	32.6	30.6	28.9
52.5°	44.4	44.2	44.1	44.2	44.1	44.2	44.4	44.3	43.4	41.4	38.3
50°	66.8	65.6	65.1	65.5	65.1	65.6	66.8	66.5	63.1	57.0	52.2
47.5°	85.3	85.7	86.3	86.7	86.3	85.7	85.3	84.9	81.6	75.1	68.2
45°	99.7	100.6	101.2	101.5	101.2	100.6	99.7	98.4	93.7	86.9	79.2
42.5°	114.3	114.4	114.3	114.6	114.3	114.4	114.3	113.2	108.0	100.9	92.8
40°	135.0	135.4	134.9	134.2	134.9	135.4	135.0	133.2	128.9	120.2	111.0
37.5°	176.3	176.9	175.0	173.5	175.0	176.9	176.3	172.6	166.2	154.5	142.8
35°	243.9	250.9	254.2	255.3	254.2	250.9	243.9	234.4	224.1	212.7	185.5
32.5°	321.5	331.2	336.1	340.4	336.1	331.2	321.5	308.5	289.8	264.1	231.1
30°	432.6	450.5	458.4	469.7	458.4	450.5	432.6	410.0	375.6	334.9	288.2
27.5°	613.9	645.5	663.0	679.2	663.0	645.5	613.9	575.0	506.5	449.1	371.3
25°	923.8	984.6	1023.9	1042.5	1023.9	984.6	923.8	845.1	736.7	633.1	505.4
22.5°	1437.1	1549.2	1635.6	1652.9	1635.6	1549.2	1437.1	1267.9	1093.0	911.3	714.9
20°	2234.2	2394.6	2525.0	2590.7	2525.0	2394.6	2234.2	1946.8	1650.6	1342.9	1054.0
17.5°	3703.3	4036.8	4189.1	4214.1	4189.1	4036.8	3703.3	3160.6	2704.9	2183.0	1607.1
15°	5888.8	6453.2	6811.4	7042.1	6811.4	6453.2	5888.8	4961.8	4097.9	3280.0	2382.5
12.5°	8382.4	9986.1	10898.6	11246.4	10898.6	9986.1	8382.4	6920.8	5516.7	4283.9	3160.1
10°	11766.8	15542.0	17719.7	18815.5	17719.7	15542.0	11766.8	9375.8	7131.2	5306.8	3813.5
7.5°	17511.0	23341.8	29802.1	32791.0	29802.1	23341.8	17511.0	11970.0	8829.1	6412.3	4545.3
5°	23549.4	36351.6	47588.1	52968.9	47588.1	36351.6	23549.4	15955.6	10632.8	7394.6	5186.1
2.5°	30489.8	47754.6	63717.4	70429.4	63717.4	47754.6	30489.8	18872.0	11966.4	7979.4	5548.7
0°	33160.8	53271.7	70729.7	77317.7	70729.7	53271.7	33160.8	19499.6	12207.1	8189.3	5615.0
-2.5°	30902.6	48591.0	63991.6	71519.3	63991.6	48591.0	30902.6	18798.7	12075.2	8181.5	5668.0
-5°	24553.7	36551.9	47957.5	54091.6	47957.5	36551.9	24553.7	16545.0	11036.7	7687.9	5371.5
-7.5°	18020.9	24552.6	30886.9	33101.9	30886.9	24552.6	18020.9	12743.7	9332.2	6789.5	4880.1
-10°	12546.5	16286.8	18755.8	19460.3	18755.8	16286.8	12546.5	10020.6	7702.7	5818.4	4231.4
-12.5°	9302.0	10938.0	12076.3	12274.2	12076.3	10938.0	9302.0	7739.2	6137.5	4814.1	3639.6
-15°	6887.9	7719.8	8306.9	8346.5	8306.9	7719.8	6887.9	5942.2	4870.7	3865.9	2923.7
-17.5°	5035.1	5593.5	5889.8	5868.7	5889.8	5593.5	5035.1	4358.7	3723.7	2958.7	2266.3
-20°	3600.4	3937.0	4175.7	4129.0	4175.7	3937.0	3600.4	3150.0	2711.3	2173.5	1716.6



REPORT NUMBER: P626808 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA1E-740-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°	2510.4	2733.9	2873.8	2837.8	2873.8	2733.9	2510.4	2201.2	1897.3	1588.6	1254.5
-25°	1705.8	1827.6	1896.8	1885.3	1896.8	1827.6	1705.8	1529.5	1320.9	1133.0	912.8
-27.5°	1162.4	1226.7	1248.2	1247.1	1248.2	1226.7	1162.4	1055.1	911.4	816.6	700.8
-30°	806.8	850.0	874.7	859.2	874.7	850.0	806.8	751.2	676.4	615.4	548.6
-32.5°	601.3	625.7	639.8	625.2	639.8	625.7	601.3	570.6	531.0	488.1	441.7
-35°	473.9	486.2	491.2	482.8	491.2	486.2	473.9	455.0	429.5	400.6	368.5
-37.5°	386.4	393.6	396.0	391.1	396.0	393.6	386.4	375.1	359.6	340.8	319.6
-40°	327.4	331.8	332.9	328.9	332.9	331.8	327.4	320.7	311.3	299.8	284.9
-42.5°	286.4	289.1	289.7	288.0	289.7	289.1	286.4	282.1	275.3	266.5	256.4
-45°	256.0	258.2	258.7	256.9	258.7	258.2	256.0	252.6	247.0	239.4	230.4
-47.5°	231.4	232.7	233.1	232.4	233.1	232.7	231.4	229.2	224.9	218.2	210.3
-50°	212.5	213.4	213.6	212.8	213.6	213.4	212.5	210.9	207.5	201.0	193.5
-52.5°	196.7	197.3	197.8	198.0	197.8	197.3	196.7	195.5	192.9	186.7	180.2
-55°	183.3	184.2	184.7	184.9	184.7	184.2	183.3	182.1	180.4	174.6	168.1
-57.5°	172.1	172.9	173.3	173.5	173.3	172.9	172.1	171.0	169.5	163.9	157.7
-60°	160.2	161.2	161.8	162.0	161.8	161.2	160.2	158.9	157.4	152.5	146.7
-62.5°	144.7	145.1	145.5	145.7	145.5	145.1	144.7	143.8	142.6	138.7	133.5
-65°	129.4	130.2	130.7	130.9	130.7	130.2	129.4	128.1	126.4	123.0	118.3
-67.5°	112.8	114.0	115.2	116.2	115.2	114.0	112.8	111.4	109.5	106.7	102.6
-70°	97.8	99.2	99.7	99.8	99.7	99.2	97.8	96.1	94.2	91.7	88.2
-72.5°	83.2	84.6	85.8	86.7	85.8	84.6	83.2	81.7	79.9	77.7	74.8
-75°	68.7	70.0	70.3	70.4	70.3	70.0	68.7	67.3	65.6	63.7	61.1
-77.5°	54.1	55.3	55.5	55.6	55.5	55.3	54.1	52.9	51.5	50.0	48.0
-80°	40.0	40.7	41.7	42.6	41.7	40.7	40.0	39.3	38.5	37.6	36.2
-82.5°	27.5	27.7	27.8	27.8	27.8	27.7	27.5	27.3	27.0	26.6	25.4
-85°	17.4	17.9	18.0	18.0	18.0	17.9	17.4	16.9	16.4	15.8	15.2
-87.5°	8.1	8.2	8.2	8.2	8.2	8.2	8.1	8.1	8.0	7.9	7.4
-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: P626808 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA1E-740-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	0.1
65°	0.4	0.3	0.0	0.0	0.0	0.0	0.1	0.0	0.0	0.1	0.4
62.5°	1.6	1.8	1.8	1.7	1.3	0.8	1.0	1.2	0.8	0.1	0.5
60°	6.2	3.9	5.6	6.1	5.4	3.9	3.9	3.7	3.0	2.4	1.6
57.5°	20.2	19.5	16.0	13.8	13.2	11.7	9.6	7.7	6.8	5.5	3.9
55°	27.8	26.7	24.8	22.1	19.2	18.3	16.7	14.3	12.0	9.3	7.6
52.5°	34.2	34.5	33.4	30.3	27.6	25.8	23.5	21.3	18.5	15.9	12.4
50°	48.8	47.0	45.2	43.4	39.3	35.2	32.3	29.2	25.3	22.3	19.3
47.5°	62.4	59.6	57.7	55.3	50.6	46.3	41.8	37.4	32.5	27.8	24.9
45°	74.0	69.9	66.3	63.3	59.2	54.3	50.3	45.5	39.8	34.4	29.4
42.5°	85.7	79.6	74.7	71.7	66.7	61.7	57.2	53.4	47.3	41.0	35.9
40°	101.3	89.0	84.5	83.3	78.6	70.6	66.8	62.7	56.1	47.9	42.9
37.5°	127.1	110.7	102.7	98.4	94.2	85.9	78.4	73.0	67.1	57.8	50.7
35°	163.6	144.3	126.8	117.8	112.7	101.4	91.6	84.2	77.2	68.4	59.1
32.5°	195.6	173.9	153.0	137.2	125.8	115.4	104.4	95.2	86.1	77.1	67.9
30°	242.3	206.1	177.3	155.0	140.3	127.4	115.8	104.7	94.3	84.9	75.7
27.5°	305.8	248.0	208.8	177.4	155.6	140.2	127.0	114.1	102.2	92.1	82.6
25°	399.2	306.7	248.1	205.8	174.2	154.4	139.3	124.4	110.5	99.0	91.0
22.5°	533.3	407.0	310.4	236.5	201.3	176.2	153.8	135.1	119.3	109.0	99.6
20°	764.2	544.8	402.0	307.1	242.3	202.0	171.4	149.4	133.3	120.0	108.3
17.5°	1158.9	802.9	520.6	395.5	303.1	240.6	196.6	167.3	147.1	131.1	117.1
15°	1642.6	1102.0	727.7	509.6	371.5	272.7	220.1	185.1	161.2	142.7	125.9
12.5°	2146.4	1386.6	899.4	596.3	420.4	306.9	244.9	205.3	175.3	151.1	131.8
10°	2584.1	1679.0	1072.3	698.7	475.7	339.8	264.4	218.1	183.7	157.1	136.8
7.5°	3067.6	1978.1	1231.5	773.6	521.4	366.2	277.6	226.6	190.6	162.2	140.9
5°	3425.8	2206.3	1366.2	842.0	555.7	386.3	288.0	232.7	196.0	166.2	144.2
2.5°	3666.2	2365.3	1450.7	889.0	576.9	401.8	296.3	238.5	200.2	170.3	147.7
0°	3741.2	2381.2	1515.5	918.1	590.8	415.7	302.8	243.8	202.9	173.5	150.6
-2.5°	3764.1	2408.5	1509.0	924.5	595.6	423.1	305.5	244.8	205.0	174.7	151.0
-5°	3614.6	2338.0	1475.2	918.0	592.0	423.0	310.1	246.6	206.2	175.1	150.6
-7.5°	3351.9	2185.4	1386.6	876.4	574.8	416.3	313.4	248.9	207.3	176.4	151.8
-10°	2952.5	1940.7	1248.9	806.6	546.3	403.4	310.4	247.6	206.6	176.2	152.1
-12.5°	2550.6	1666.6	1070.6	708.9	499.6	379.4	298.7	242.6	204.1	174.4	151.4
-15°	2040.4	1394.9	938.4	641.8	457.6	353.6	283.9	234.7	199.7	171.1	149.7
-17.5°	1638.8	1131.6	768.6	550.5	417.1	331.0	272.5	228.2	194.6	167.9	147.3
-20°	1260.6	891.3	650.8	484.3	375.4	303.2	256.9	218.8	188.7	164.4	145.1



REPORT NUMBER: P626808 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA1E-740-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°	950.0	721.8	540.1	416.3	336.6	281.6	241.3	208.2	181.5	159.5	142.2
-25°	738.1	575.7	451.7	367.7	302.4	257.8	226.8	199.8	175.7	154.7	138.8
-27.5°	583.8	467.4	387.7	322.6	274.6	241.8	215.1	191.1	169.6	151.0	135.3
-30°	472.7	397.2	335.8	286.9	252.7	225.3	203.8	183.7	163.8	146.3	131.6
-32.5°	387.3	340.9	294.7	259.6	231.2	210.2	192.7	175.7	156.8	141.5	127.6
-35°	331.6	297.9	265.0	237.1	213.1	197.1	181.5	165.7	150.3	136.1	123.1
-37.5°	292.8	265.3	240.6	218.0	200.2	185.1	171.5	157.5	143.5	130.5	118.5
-40°	262.6	239.3	219.7	202.6	188.3	175.4	163.0	150.1	137.7	124.6	113.5
-42.5°	238.0	219.5	202.6	189.5	177.4	166.4	155.4	144.2	132.0	119.6	107.9
-45°	217.7	203.1	189.0	177.3	167.0	157.7	149.4	138.1	126.2	113.8	101.9
-47.5°	200.6	188.6	176.8	165.9	157.4	149.4	141.3	131.4	118.9	107.1	97.1
-50°	185.4	175.8	165.8	155.8	148.3	141.0	132.4	122.1	111.3	101.6	92.1
-52.5°	173.3	164.5	155.8	147.4	140.1	132.4	123.3	114.3	105.1	96.1	87.3
-55°	160.9	153.8	146.8	139.9	133.1	125.1	116.7	107.8	98.7	90.3	81.3
-57.5°	151.2	144.7	138.4	132.2	126.0	118.1	109.6	100.8	91.5	82.9	74.5
-60°	140.9	135.2	129.0	123.0	117.1	110.1	100.8	91.9	83.3	75.1	67.0
-62.5°	128.1	122.6	117.2	111.3	105.2	98.3	89.8	81.5	74.1	67.0	59.7
-65°	113.3	108.2	103.0	97.3	90.9	83.7	76.5	70.4	64.7	58.7	52.3
-67.5°	98.3	93.7	88.3	82.5	77.0	71.2	66.1	60.8	55.5	50.0	44.3
-70°	84.6	81.0	76.6	71.6	66.3	60.9	56.0	51.2	46.2	41.6	37.2
-72.5°	71.6	68.2	64.3	59.7	55.0	50.5	46.3	42.4	38.5	34.7	30.8
-75°	58.3	55.5	52.4	48.6	44.9	41.1	37.7	34.5	31.2	27.8	24.5
-77.5°	46.0	43.9	41.6	38.7	35.8	32.8	29.9	27.0	24.3	21.8	19.5
-80°	34.8	33.2	31.5	29.1	26.8	24.4	22.1	20.2	18.3	16.7	15.0
-82.5°	24.2	22.9	21.6	20.0	18.3	16.7	15.1	13.9	12.8	11.6	10.5
-85°	14.5	13.9	13.1	12.2	11.3	10.5	9.7	9.0	8.3	7.6	6.9
-87.5°	6.9	6.4	5.9	5.8	5.6	5.5	5.3	4.8	4.4	3.9	3.5
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



REPORT NUMBER: P626808 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA1E-740-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	0.1	0.0	0.0
72.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.2	0.4	0.3	0.1
70°	0.0	0.0	0.0	0.1	0.2	0.0	0.0	0.2	0.6	0.7	0.5
67.5°	0.0	0.0	0.0	0.3	0.5	0.5	0.1	0.3	0.6	1.0	0.9
65°	0.5	0.4	0.0	0.4	0.8	1.0	0.8	0.5	0.7	1.1	1.3
62.5°	0.9	1.2	0.9	0.7	0.9	1.3	1.5	1.0	0.8	1.1	1.5
60°	1.1	1.4	1.6	1.3	1.1	1.3	1.6	1.5	1.2	1.2	1.6
57.5°	2.9	1.8	1.8	1.7	1.5	1.5	1.6	1.6	1.4	1.3	1.6
55°	5.3	3.9	2.7	2.2	1.8	1.6	1.6	1.6	1.6	1.5	1.6
52.5°	9.3	6.8	4.9	3.4	2.5	1.8	1.8	1.6	1.6	1.6	1.6
50°	14.8	10.7	7.8	5.6	3.5	2.7	2.1	1.9	1.6	1.6	1.6
47.5°	21.6	15.9	11.4	8.2	5.8	3.7	2.9	2.3	1.6	1.6	1.6
45°	26.7	22.2	15.9	11.5	8.1	5.6	3.9	2.7	2.0	1.7	1.6
42.5°	31.7	27.6	21.6	14.7	11.1	7.7	5.0	3.6	2.5	1.8	1.7
40°	38.1	32.9	27.1	20.0	14.4	9.8	6.8	4.7	3.0	2.1	1.8
37.5°	44.6	38.9	32.5	25.2	18.2	13.0	8.6	5.7	3.8	2.6	2.0
35°	52.0	45.1	37.8	30.1	22.7	16.2	10.4	7.0	4.8	3.3	2.2
32.5°	59.4	51.1	42.8	34.9	26.9	19.6	12.9	8.7	5.8	3.9	2.4
30°	66.7	57.0	47.5	39.5	30.9	23.2	16.0	10.6	6.8	4.5	2.7
27.5°	73.2	62.8	51.9	43.5	34.8	26.6	19.1	12.6	7.7	5.3	3.3
25°	80.1	68.6	57.0	47.2	38.6	29.9	22.0	14.7	9.0	6.0	3.8
22.5°	87.9	74.6	61.9	50.4	42.6	33.2	24.8	17.2	10.7	6.8	4.3
20°	96.2	80.5	66.9	55.1	46.2	36.6	27.5	19.5	12.4	7.5	4.8
17.5°	104.8	86.9	72.8	60.4	49.9	39.8	30.2	21.6	14.1	8.1	5.3
15°	110.6	93.4	78.2	65.3	53.5	42.7	32.6	23.5	15.7	8.7	5.8
12.5°	115.5	98.9	82.9	69.9	57.2	45.4	35.0	25.2	17.3	9.6	6.3
10°	119.8	103.6	87.1	74.1	60.7	47.8	37.1	26.7	18.8	10.6	6.8
7.5°	123.6	107.5	90.6	77.9	64.0	50.3	38.9	28.1	20.1	11.7	7.2
5°	126.7	110.8	93.5	80.4	67.0	52.9	40.4	29.2	21.2	12.8	7.6
2.5°	129.1	113.8	96.1	82.2	69.7	55.2	41.6	30.2	22.1	13.8	7.9
0°	130.9	116.2	98.2	83.5	72.0	57.3	42.6	31.1	22.9	14.7	8.2
-2.5°	132.1	116.6	100.4	85.0	73.4	59.0	44.6	32.2	23.5	15.5	8.7
-5°	132.6	116.5	102.1	86.2	74.4	60.4	46.2	33.0	24.0	16.3	9.1
-7.5°	133.4	117.1	103.0	87.1	75.0	61.4	47.5	33.7	24.4	16.8	9.6
-10°	133.6	117.6	103.3	88.3	75.6	62.1	48.3	34.1	24.6	17.3	9.9
-12.5°	133.3	117.6	103.2	88.9	75.8	62.6	48.7	34.7	24.9	17.5	10.2
-15°	132.2	116.9	103.0	89.0	75.8	62.8	48.9	35.3	25.4	17.6	10.5
-17.5°	130.6	115.6	102.6	88.5	75.5	62.7	48.7	35.6	25.6	17.5	10.7
-20°	129.0	114.3	102.0	87.3	74.9	62.4	48.3	35.5	25.6	17.2	10.9

Classified

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

Scaled Data Report



REPORT NUMBER: P626808 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA1E-740-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°	126.9	113.2	100.2	86.1	74.1	61.8	47.7	35.1	25.3	16.9	11.0
-25°	124.2	111.4	98.2	85.2	73.1	60.6	46.9	34.4	24.7	16.3	11.1
-27.5°	121.5	109.0	96.0	83.9	71.7	59.2	45.8	33.6	23.9	15.7	11.1
-30°	118.4	106.3	94.1	82.1	69.7	57.2	44.3	32.5	23.0	15.4	10.9
-32.5°	115.0	103.6	91.9	79.5	67.2	55.0	42.4	30.9	22.0	15.2	10.8
-35°	111.5	100.5	89.3	76.2	64.5	52.6	40.5	28.9	20.8	14.8	10.7
-37.5°	107.4	96.8	85.1	72.7	61.6	50.0	38.6	27.8	19.5	14.4	10.5
-40°	102.8	92.2	80.2	69.4	58.6	47.3	36.7	26.8	18.6	13.9	10.2
-42.5°	97.7	87.0	76.4	66.0	55.4	45.0	34.6	25.5	18.3	13.4	9.9
-45°	92.3	82.4	72.8	62.5	52.2	42.5	32.9	24.1	17.7	13.0	9.6
-47.5°	87.4	78.5	68.8	58.8	49.4	40.0	31.0	23.2	17.0	12.6	9.3
-50°	83.2	74.1	64.5	55.0	46.2	37.5	28.9	22.0	16.3	12.2	8.9
-52.5°	78.4	69.2	59.8	50.8	42.7	34.7	27.2	20.6	15.4	11.5	8.4
-55°	72.6	63.5	54.5	46.6	39.1	32.0	25.1	19.1	14.3	10.9	7.9
-57.5°	65.9	57.0	49.7	42.5	35.4	29.0	22.8	17.3	13.3	10.1	7.2
-60°	59.0	51.8	45.1	38.1	31.6	25.7	20.2	15.5	12.2	9.2	6.5
-62.5°	52.8	46.3	39.7	33.3	27.6	22.3	17.5	14.1	11.0	8.2	5.8
-65°	46.0	39.8	33.9	28.6	23.5	19.1	15.7	12.6	9.8	7.2	5.1
-67.5°	38.6	33.7	28.6	23.8	20.1	16.8	13.8	11.0	8.4	6.1	4.7
-70°	32.6	28.0	23.8	20.5	17.4	14.5	11.8	9.3	7.0	5.5	4.2
-72.5°	26.9	23.3	20.1	17.2	14.5	12.0	9.6	7.6	6.1	4.8	3.7
-75°	21.4	18.9	16.3	13.8	11.6	9.5	7.9	6.4	5.1	4.1	3.2
-77.5°	17.2	14.9	12.6	10.8	9.4	8.0	6.5	5.1	4.3	3.5	2.8
-80°	13.2	11.6	10.2	9.0	7.7	6.4	5.3	4.3	3.7	3.0	2.3
-82.5°	9.5	8.7	7.9	7.2	6.2	5.3	4.4	3.7	3.1	2.5	1.8
-85°	6.5	6.1	5.7	5.4	4.7	4.1	3.4	2.8	2.2	1.7	1.2
-87.5°	3.3	3.1	3.0	2.8	2.4	2.0	1.7	1.4	1.1	0.8	0.6
-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: P626808 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA1E-740-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	0.0	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	0.1	0.0
80°	0.0	0.0	0.0	0.0	0.0	0.1	0.0
77.5°	0.0	0.0	0.0	0.0	0.0	0.2	0.0
75°	0.0	0.1	0.0	0.0	0.0	0.2	0.0
72.5°	0.1	0.2	0.2	0.0	0.0	0.3	0.0
70°	0.2	0.4	0.3	0.0	0.1	0.3	0.0
67.5°	0.6	0.5	0.5	0.2	0.1	0.3	0.0
65°	0.9	0.7	0.6	0.3	0.1	0.4	0.0
62.5°	1.3	0.9	0.8	0.5	0.2	0.4	0.0
60°	1.6	1.1	1.0	0.7	0.2	0.5	0.0
57.5°	1.6	1.3	1.1	0.8	0.3	0.5	0.0
55°	1.6	1.5	1.2	1.0	0.5	0.5	0.0
52.5°	1.6	1.6	1.3	1.2	0.6	0.6	0.0
50°	1.6	1.6	1.4	1.4	0.7	0.6	0.0
47.5°	1.6	1.6	1.5	1.5	0.8	0.7	0.0
45°	1.6	1.6	1.5	1.6	0.9	0.7	0.0
42.5°	1.6	1.6	1.6	1.6	1.0	0.8	0.0
40°	1.6	1.6	1.6	1.6	1.1	0.8	0.0
37.5°	1.6	1.6	1.6	1.6	1.2	0.9	0.0
35°	1.6	1.6	1.6	1.6	1.3	0.9	0.0
32.5°	1.7	1.6	1.6	1.6	1.3	1.0	0.0
30°	1.8	1.6	1.6	1.6	1.4	1.0	0.0
27.5°	2.0	1.6	1.6	1.6	1.4	1.1	0.0
25°	2.2	1.6	1.6	1.6	1.5	1.1	0.0
22.5°	2.4	1.6	1.6	1.6	1.5	1.2	0.0
20°	2.6	1.8	1.6	1.6	1.5	1.2	0.0
17.5°	2.9	1.9	1.6	1.6	1.6	1.3	0.0
15°	3.3	2.1	1.6	1.6	1.6	1.3	0.0
12.5°	3.6	2.3	1.6	1.6	1.6	1.4	0.0
10°	3.9	2.5	1.6	1.6	1.6	1.4	0.0
7.5°	4.2	2.7	1.6	1.6	1.6	1.5	0.0
5°	4.4	2.9	1.6	1.6	1.6	1.5	0.0
2.5°	4.7	3.1	1.6	1.6	1.6	1.6	0.0
0°	4.9	3.3	1.6	1.6	1.6	1.6	0.0
-2.5°	5.3	3.5	1.7	1.6	1.6	1.6	0.0
-5°	5.7	3.6	1.9	1.6	1.6	1.6	0.0
-7.5°	6.1	3.8	2.0	1.6	1.6	1.6	0.0
-10°	6.4	3.9	2.2	1.6	1.6	1.6	0.0
-12.5°	6.7	4.0	2.3	1.6	1.6	1.6	0.0
-15°	6.9	4.1	2.4	1.6	1.6	1.5	0.0
-17.5°	7.0	4.1	2.4	1.6	1.6	1.5	0.0
-20°	7.1	4.2	2.5	1.6	1.6	1.5	0.0

Classified

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

Scaled Data Report



REPORT NUMBER: P626808 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA1E-740-U-NR-VSR-XX

CANDELA DISTRIBUTION (continued):

	75°	77.5°	80°	82.5°	85°	87.5°	90°
-22.5°	7.2	4.2	2.5	1.6	1.6	1.5	0.0
-25°	7.3	4.3	2.5	1.6	1.6	1.5	0.0
-27.5°	7.3	4.5	2.5	1.6	1.6	1.4	0.0
-30°	7.2	4.5	2.4	1.6	1.6	1.4	0.0
-32.5°	7.1	4.6	2.4	1.6	1.6	1.3	0.0
-35°	7.1	4.6	2.4	1.6	1.6	1.3	0.0
-37.5°	7.1	4.5	2.3	1.6	1.6	1.3	0.0
-40°	7.0	4.4	2.2	1.6	1.6	1.2	0.0
-42.5°	6.9	4.3	2.2	1.6	1.6	1.2	0.0
-45°	6.7	4.1	2.2	1.7	1.6	1.1	0.0
-47.5°	6.4	3.9	2.3	1.7	1.6	1.1	0.0
-50°	6.1	3.6	2.3	1.7	1.6	1.0	0.0
-52.5°	5.7	3.3	2.3	1.7	1.6	1.0	0.0
-55°	5.2	3.2	2.3	1.7	1.6	0.9	0.0
-57.5°	4.7	3.2	2.3	1.7	1.6	0.9	0.0
-60°	4.2	3.1	2.2	1.7	1.6	0.8	0.0
-62.5°	4.0	2.9	2.2	1.7	1.5	0.7	0.0
-65°	3.8	2.8	2.1	1.7	1.4	0.7	0.0
-67.5°	3.5	2.6	2.0	1.6	1.2	0.6	0.0
-70°	3.2	2.4	1.9	1.6	1.1	0.5	0.0
-72.5°	2.8	2.2	1.8	1.4	1.0	0.5	0.0
-75°	2.5	1.9	1.6	1.2	0.8	0.4	0.0
-77.5°	2.1	1.7	1.4	1.0	0.7	0.3	0.0
-80°	1.7	1.4	1.1	0.8	0.6	0.3	0.0
-82.5°	1.2	1.0	0.8	0.6	0.4	0.2	0.0
-85°	0.8	0.7	0.6	0.4	0.3	0.1	0.0
-87.5°	0.4	0.3	0.3	0.2	0.1	0.1	0.0
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0

(END OF REPORT)