

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: P627448 (CONVERTED FROM TYPE C PHOTOMETRY)

Luminaire Tested: **GFLD-SA4D-730-U-NR-VSR-XX**

Issue Date: 12/7/2022

Test Information

Test Method: LM-79-08
Report Number: P627448 (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-SA4D-730-U-NR-VSR-XX
Description: GALLEON FLOOD, FOUR LIGHT SQAURE, NARROW SYMMETRICAL ROUND N3 WITH VISOR
Light Source: (64) 3000K CCT, 70 CRI LEDS
Ballast/Driver: -

Summary

Lumens per Lamp: N/A
Luminaire Lumens: 27883 lumens
Efficiency: N/A
Efficacy: 125.9 lumens/watt
Luminous Opening: Rectangular (W 1' x L: 1' x H: 0')

NEMA Type: 3H x 3V
Max Intensity: 282640.3 candela
Max Intensity Angle: 0°H x 0°V

Beam Angle (50%): 13.6°H x 13.6°V
Beam Lumens: 8901.5 lumens
Beam Efficiency: 31.9%

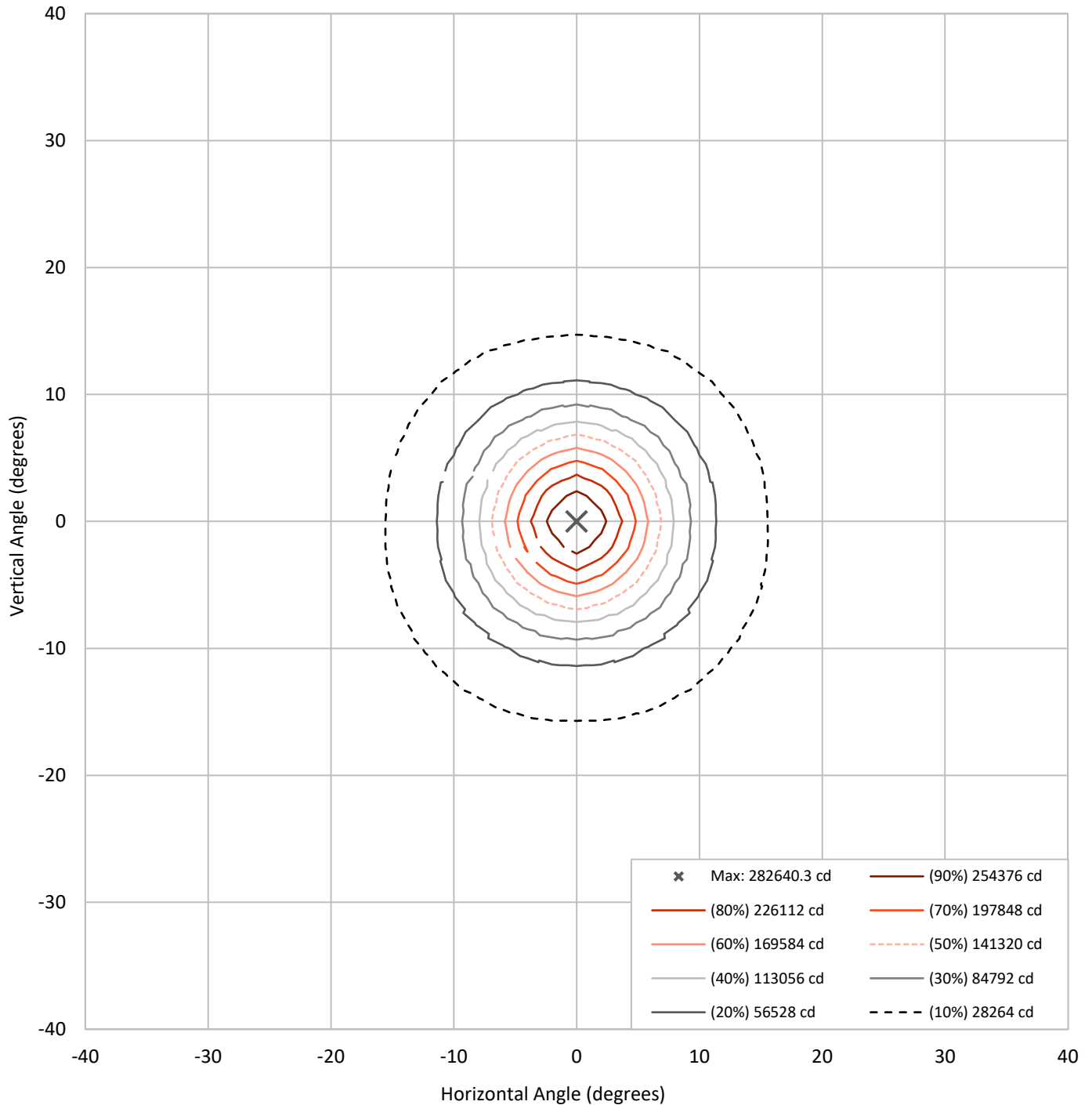
Field Angle (10%): 30.9°H x 30.2°V
Field Lumens: 19826.6 lumens
Field Efficiency: 71.1%

Input Watts (W): 221.4
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: P627448 (CONVERTED FROM TYPE C PHOTOMETRY)
CATALOG NUMBER: GFLD-SA4D-730-U-NR-VSR-XX

Iso-Candela Plot





REPORT NUMBER: P627448 (CONVERTED FROM TYPE C PHOTOMETRY)

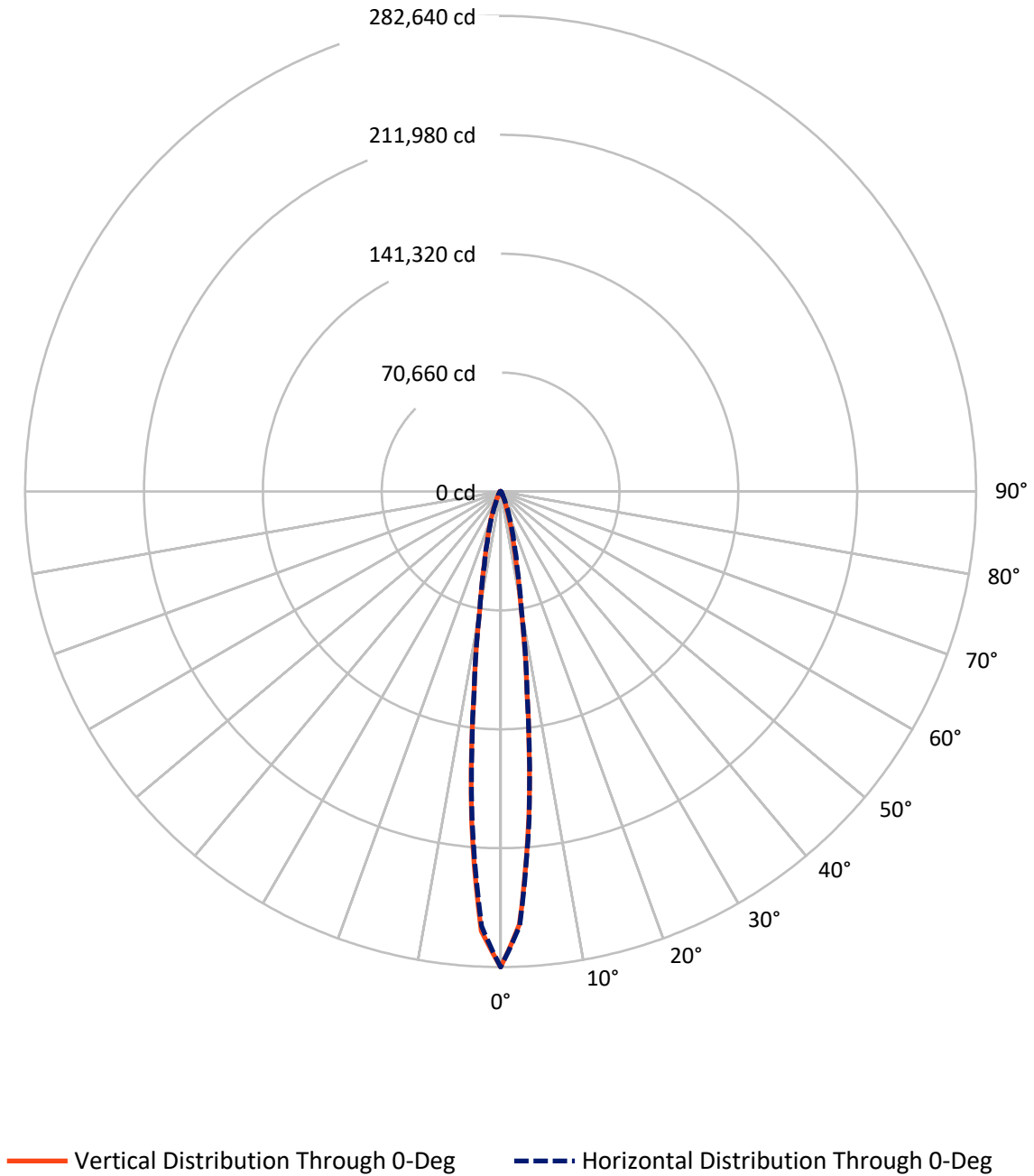
CATALOG NUMBER: GFLD-SA4D-730-U-NR-VSR-XX

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	0.1	0.0	0.0	0.0	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.0	0.0	0.0	0.1				
50		0.1	0.2	0.7	1.5	2.5	3.3	4.0	4.0	3.3	2.5	1.5	0.7	0.2		0.1			
40	0.1	0.2	0.8	2.4	4.5	6.7	9.4	11.1	11.1	9.4	6.7	4.5	2.4	0.8	0.2				
30		0.4	2.0	4.7	8.4	13.3	22.7	28.9	28.9	22.7	13.3	8.4	4.7	2.0	0.4				
20	0.2	0.8	3.1	7.2	13.1	28.4	75.7	125.4	125.4	75.7	28.4	13.1	7.2	3.1	0.8				
10		1.2	4.3	9.9	21.6	84.8	357.4	785.7	785.7	357.4	84.8	21.6	9.9	4.3	1.2				
0	0.4	1.5	5.2	11.7	29.3	159.2	856.5	3841.1	3841.1	856.5	159.2	29.3	11.7	5.2	1.5				
-10		1.7	5.7	12.3	31.5	169.6	886.5	3906.3	3906.3	886.5	169.6	31.5	12.3	5.7	1.7				
-20	0.5	1.8	5.8	12.1	27.6	107.9	430.3	920.5	920.5	430.3	107.9	27.6	12.1	5.8	1.8				
-30		1.8	5.5	11.1	21.3	50.4	132.6	221.0	221.0	132.6	50.4	21.3	11.1	5.5	1.8				
-40	0.5	1.5	4.9	9.8	16.7	27.7	45.1	57.3	57.3	45.1	27.7	16.7	9.8	4.9	1.5				
-50		1.2	4.0	8.2	13.5	19.4	26.0	29.0	29.0	26.0	19.4	13.5	8.2	4.0	1.2				
-60	0.3	1.0	3.0	6.4	10.6	14.9	18.8	20.5	20.5	18.8	14.9	10.6	6.4	3.0	1.0				
-70		0.6	1.9	4.1	7.1	10.4	13.1	14.4	14.4	13.1	10.4	7.1	4.1	1.9	0.6				
-80	0.1	1.7	7.0	15.4	19.5	15.4	7.0	1.7	0.1										
-90																			
	-90	-80	-70	-60	-50	-40	-30	-20	-10	0	10	20	30	40	50	60	70	80	90

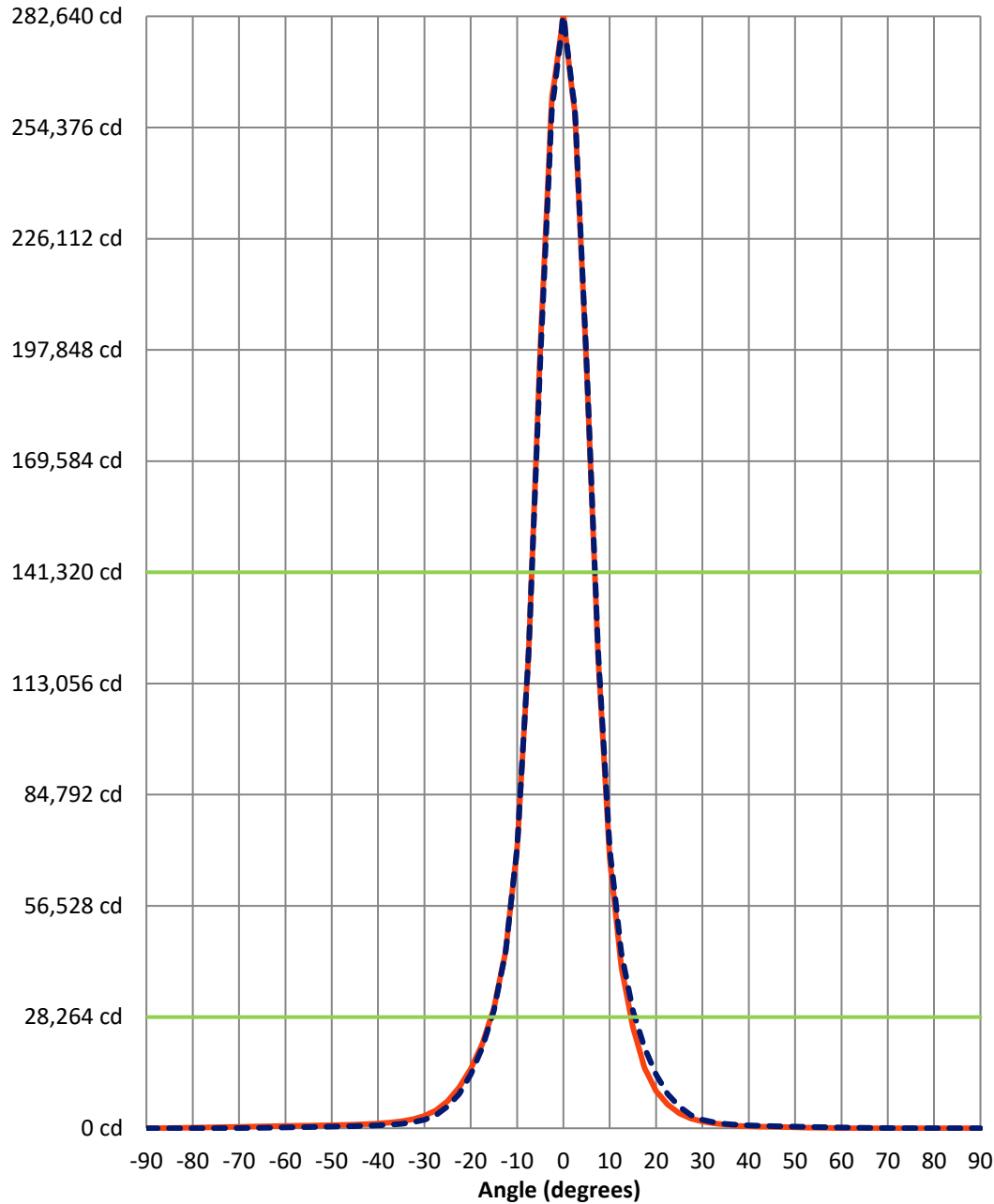
REPORT NUMBER: P627448 (CONVERTED FROM TYPE C PHOTOMETRY)
CATALOG NUMBER: GFLD-SA4D-730-U-NR-VSR-XX

Luminous Intensity Polar Plot



REPORT NUMBER: P627448 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA4D-730-U-NR-VSR-XX

Luminous Intensity Plot



Beam:
 H Angle: 13.6°
 V Angle: 13.6°
 Lumens: 8901.5
 Efficiency: 31.9%

Field:
 H Angle: 30.9°
 V Angle: 30.2°
 Lumens: 19826.6
 Efficiency: 71.1%

Spill:
 Lumens: 8056.4
 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: P627448 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA4D-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	0.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
82.5°	0.0	0.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
80°	0.0	0.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
77.5°	0.0	0.7	0.1	0.0	0.0	0.1	0.1	0.0	0.0	0.0	0.0
75°	0.0	0.8	0.1	0.0	0.1	0.5	0.2	0.0	0.1	0.5	0.2
72.5°	0.0	0.9	0.2	0.0	0.6	0.9	0.3	0.4	1.3	1.3	0.6
70°	0.0	1.1	0.2	0.1	1.2	1.4	0.7	1.8	2.5	2.2	0.8
67.5°	0.0	1.2	0.3	0.7	1.8	1.9	2.1	3.4	3.8	2.4	1.0
65°	0.0	1.4	0.5	1.3	2.4	2.6	3.5	5.0	4.0	2.7	1.8
62.5°	0.0	1.5	0.6	1.9	3.1	3.4	4.7	5.6	4.3	3.1	3.8
60°	0.0	1.7	0.8	2.5	3.8	4.2	5.9	5.8	4.5	4.3	5.5
57.5°	0.0	1.9	1.3	3.2	4.2	4.9	6.0	6.0	5.1	5.4	6.0
55°	0.0	2.0	1.8	3.8	4.6	5.5	6.0	6.0	5.5	6.0	6.0
52.5°	0.0	2.2	2.3	4.5	5.0	6.0	6.0	6.0	5.9	6.0	6.0
50°	0.0	2.4	2.7	5.1	5.3	6.0	6.0	6.0	6.0	6.0	7.0
47.5°	0.0	2.6	3.1	5.7	5.6	6.0	6.0	6.0	6.0	6.0	8.3
45°	0.0	2.7	3.5	5.8	5.8	6.0	6.0	6.0	6.2	7.5	9.9
42.5°	0.0	2.9	3.9	6.0	5.9	6.0	6.0	6.2	6.6	9.1	13.2
40°	0.0	3.1	4.2	6.0	6.0	6.0	6.0	6.7	7.6	11.0	17.1
37.5°	0.0	3.3	4.5	6.0	6.0	6.0	6.0	7.3	9.7	13.8	21.0
35°	0.0	3.5	4.8	6.0	6.0	6.0	6.0	8.0	11.9	17.6	25.8
32.5°	0.0	3.7	5.0	6.0	6.0	6.0	6.2	8.8	14.2	21.3	32.0
30°	0.0	3.9	5.2	6.0	6.0	6.0	6.8	10.0	16.6	24.8	38.7
27.5°	0.0	4.1	5.4	6.0	6.0	6.0	7.5	11.9	19.3	28.2	45.9
25°	0.0	4.3	5.5	6.0	6.0	6.0	8.2	13.8	22.1	33.2	53.7
22.5°	0.0	4.5	5.6	6.0	6.0	6.1	8.9	15.7	24.8	39.2	62.9
20°	0.0	4.7	5.8	6.0	6.0	6.6	9.7	17.7	27.4	45.3	71.3
17.5°	0.0	4.9	5.8	6.0	6.0	7.1	10.8	19.5	29.8	51.5	79.0
15°	0.0	5.0	5.9	6.0	6.0	7.7	12.0	21.4	32.0	57.5	85.9
12.5°	0.0	5.2	5.9	6.0	6.0	8.4	13.1	23.2	35.1	63.4	92.2
10°	0.0	5.4	6.0	6.0	6.0	9.1	14.2	24.8	38.9	68.9	97.7
7.5°	0.0	5.6	6.0	6.0	6.0	9.8	15.2	26.3	42.8	73.6	102.6
5°	0.0	5.7	6.0	6.0	6.0	10.6	16.2	27.7	46.7	77.7	106.9
2.5°	0.0	5.9	6.0	6.0	6.0	11.3	17.1	28.9	50.4	81.0	110.6
0°	0.0	6.0	6.0	6.0	6.0	12.0	17.9	29.9	53.8	83.8	113.7
-2.5°	0.0	6.0	6.0	6.0	6.5	12.6	19.5	31.7	56.9	86.0	117.6
-5°	0.0	6.0	6.0	6.0	7.0	13.2	20.9	33.3	59.5	87.7	120.7
-7.5°	0.0	5.9	6.0	6.0	7.5	13.7	22.3	34.8	61.7	89.0	123.1
-10°	0.0	5.9	6.0	6.0	8.0	14.1	23.4	36.1	63.2	90.0	124.5
-12.5°	0.0	5.9	6.0	6.0	8.4	14.5	24.4	37.2	64.2	90.9	126.9
-15°	0.0	5.8	6.0	6.0	8.7	14.8	25.2	38.1	64.5	92.7	129.0
-17.5°	0.0	5.7	6.0	6.0	9.0	15.1	25.7	39.1	64.0	93.6	130.0
-20°	0.0	5.6	6.0	6.0	9.1	15.3	26.0	39.8	63.1	93.6	129.8

Classified

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

Scaled Data Report



REPORT NUMBER: P627448 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA4D-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	5.5	6.0	6.0	9.2	15.4	26.4	40.3	61.7	92.6	128.3
-25°	0.0	5.4	6.0	6.0	9.2	15.8	26.5	40.5	59.8	90.4	125.5
-27.5°	0.0	5.3	6.0	6.0	9.0	16.3	26.5	40.4	57.4	87.3	122.8
-30°	0.0	5.2	6.0	6.0	8.8	16.5	26.4	39.9	56.1	84.1	118.7
-32.5°	0.0	5.1	6.0	6.0	8.8	16.7	26.1	39.5	55.4	80.4	113.1
-35°	0.0	4.9	6.0	6.0	8.7	16.6	26.0	38.9	54.3	76.1	105.9
-37.5°	0.0	4.8	6.0	6.0	8.5	16.5	25.9	38.2	52.7	71.3	101.8
-40°	0.0	4.6	6.0	6.0	8.1	16.1	25.6	37.3	50.7	68.3	98.0
-42.5°	0.0	4.4	6.0	6.1	8.1	15.6	25.1	36.2	49.1	66.9	93.4
-45°	0.0	4.2	6.0	6.2	8.3	15.0	24.3	35.1	47.7	64.8	88.3
-47.5°	0.0	4.1	6.0	6.3	8.4	14.2	23.3	33.9	46.1	62.0	84.9
-50°	0.0	3.9	6.0	6.4	8.5	13.3	22.1	32.5	44.3	59.7	80.5
-52.5°	0.0	3.7	6.0	6.5	8.5	12.2	20.7	30.7	42.1	56.4	75.2
-55°	0.0	3.4	6.0	6.5	8.5	11.8	19.1	28.7	39.6	52.2	69.8
-57.5°	0.0	3.2	6.0	6.5	8.4	11.6	17.3	26.4	36.7	48.4	63.2
-60°	0.0	3.0	6.0	6.4	8.2	11.2	15.5	23.8	33.6	44.5	56.7
-62.5°	0.0	2.8	5.5	6.4	8.0	10.7	14.7	21.0	30.1	40.3	51.6
-65°	0.0	2.5	5.1	6.3	7.7	10.2	13.8	18.5	26.3	35.7	46.1
-67.5°	0.0	2.3	4.6	6.2	7.3	9.6	12.8	17.0	22.3	30.8	40.1
-70°	0.0	2.1	4.1	6.0	7.0	8.8	11.6	15.4	20.0	25.6	33.9
-72.5°	0.0	1.8	3.6	5.4	6.5	8.1	10.4	13.5	17.5	22.2	27.8
-75°	0.0	1.6	3.1	4.6	6.1	7.2	9.1	11.9	14.8	18.8	23.4
-77.5°	0.0	1.3	2.6	3.9	5.2	6.3	7.6	10.2	12.9	15.6	18.8
-80°	0.0	1.0	2.1	3.1	4.1	5.2	6.2	8.5	11.0	13.4	15.8
-82.5°	0.0	0.8	1.6	2.3	3.1	3.9	4.6	6.7	9.0	11.3	13.5
-85°	0.0	0.5	1.0	1.6	2.1	2.6	3.1	4.5	6.1	8.0	10.1
-87.5°	0.0	0.3	0.5	0.8	1.0	1.3	1.6	2.3	3.1	4.0	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: P627448 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA4D-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	0.6	0.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0
67.5°	0.4	1.7	2.0	1.3	0.0	0.0	0.0	0.4	0.0	0.0	0.0
65°	2.9	3.9	3.0	1.6	0.1	1.4	2.0	1.6	0.2	0.0	0.0
62.5°	5.6	4.7	3.3	2.5	3.4	4.5	3.5	2.1	0.6	2.9	4.2
60°	6.0	5.1	4.2	4.8	6.1	5.4	3.9	5.8	8.8	11.1	13.4
57.5°	6.0	5.6	5.4	6.5	6.8	6.8	10.5	14.0	19.9	24.7	28.0
55°	6.2	5.9	6.8	8.1	10.1	14.3	19.5	27.5	34.0	43.8	52.2
52.5°	6.8	6.8	9.1	12.3	18.1	24.7	34.0	45.3	58.1	67.7	77.8
50°	7.8	10.0	12.8	20.5	28.5	38.9	54.2	70.7	81.4	92.3	106.8
47.5°	10.7	13.6	21.1	30.0	41.6	58.1	79.2	91.0	101.7	118.7	136.8
45°	14.4	20.4	29.6	41.9	58.0	81.1	97.7	107.4	125.8	145.5	166.2
42.5°	18.3	28.1	40.6	53.7	78.9	100.9	115.9	131.3	149.9	172.9	195.4
40°	24.9	35.7	52.8	73.3	98.9	120.4	139.2	156.9	175.2	205.3	229.1
37.5°	31.5	47.3	66.6	92.1	118.7	142.2	163.2	185.4	211.5	245.4	266.9
35°	38.0	59.3	83.0	110.1	138.4	164.9	190.1	216.0	250.0	282.0	307.7
32.5°	47.0	71.7	98.2	127.5	156.6	186.7	217.2	248.3	281.7	314.5	348.2
30°	58.4	84.8	112.8	144.2	173.5	208.2	243.6	276.6	310.2	344.7	382.8
27.5°	69.8	97.1	127.3	159.0	189.8	229.4	267.6	302.0	336.4	373.6	417.0
25°	80.4	109.4	141.0	172.3	208.4	250.9	292.7	332.5	361.6	404.0	454.6
22.5°	90.6	121.5	155.4	184.2	226.4	272.6	321.3	364.0	398.5	436.3	493.8
20°	100.6	133.9	168.9	201.2	244.4	294.1	351.8	395.9	438.8	487.5	546.2
17.5°	110.2	145.5	182.3	220.6	266.2	317.6	383.2	428.1	479.3	537.7	611.6
15°	119.3	156.2	195.7	238.7	285.8	341.2	404.5	460.4	521.7	589.1	676.4
12.5°	127.8	166.0	208.9	255.4	303.1	361.5	422.3	481.8	552.4	640.5	750.4
10°	135.5	174.9	221.6	270.8	318.1	378.7	438.0	500.0	574.4	671.2	797.0
7.5°	142.0	183.9	233.8	284.7	331.1	392.8	451.5	514.9	592.8	696.6	828.4
5°	147.4	193.3	245.0	293.7	341.9	404.9	462.9	526.7	607.5	716.4	850.8
2.5°	151.9	201.9	254.8	300.2	351.2	416.0	472.0	539.9	622.4	731.8	871.8
0°	155.5	209.4	263.2	305.1	359.0	424.8	478.6	550.4	634.2	741.8	891.4
-2.5°	162.8	215.6	268.2	310.8	367.2	426.2	483.0	551.9	638.6	749.6	895.1
-5°	168.9	220.6	271.9	315.1	373.4	426.0	484.8	550.6	640.1	754.1	901.6
-7.5°	173.6	224.5	274.3	318.5	376.7	428.0	487.5	554.9	644.8	758.1	910.1
-10°	176.7	227.3	276.3	322.8	377.5	430.0	488.5	555.8	644.0	755.5	905.4
-12.5°	178.2	228.9	277.2	325.1	377.3	429.8	487.1	553.2	637.4	746.0	886.9
-15°	178.7	229.6	277.1	325.3	376.4	427.3	483.3	546.9	625.5	730.0	857.8
-17.5°	178.2	229.2	276.0	323.4	375.1	422.4	477.3	538.5	613.5	711.2	834.3
-20°	176.6	228.0	273.9	319.1	373.0	417.8	471.4	530.4	601.0	689.6	799.6

Classified

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

Scaled Data Report



REPORT NUMBER: P627448 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA4D-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°	174.1	225.8	270.9	314.7	366.4	413.6	463.6	519.9	583.2	663.3	761.0
-25°	171.2	221.6	267.1	311.3	358.9	407.1	453.8	507.4	565.5	642.4	730.4
-27.5°	167.4	216.4	261.9	306.6	350.9	398.4	444.0	494.6	552.1	620.0	698.7
-30°	161.9	209.1	254.6	300.2	343.9	388.5	432.6	480.8	535.0	599.0	671.6
-32.5°	154.9	201.0	245.5	290.6	336.0	378.6	420.1	466.4	517.3	573.4	642.5
-35°	147.8	192.2	235.7	278.6	326.5	367.5	407.5	450.0	497.3	549.5	605.8
-37.5°	141.2	182.8	225.2	265.7	311.0	353.8	392.7	433.1	476.8	524.7	575.8
-40°	134.0	172.8	214.1	253.7	293.4	337.0	375.8	414.8	455.2	503.2	548.7
-42.5°	126.6	164.3	202.6	241.3	279.2	318.2	357.0	394.4	437.0	482.5	527.0
-45°	120.4	155.4	190.9	228.5	266.0	301.2	337.5	372.5	415.8	461.3	504.9
-47.5°	113.1	146.3	180.7	214.8	251.5	286.8	319.4	354.8	391.6	434.5	480.3
-50°	105.6	137.0	168.8	200.9	235.7	270.9	304.1	336.7	371.5	406.7	446.2
-52.5°	99.2	126.7	156.1	185.6	218.5	253.0	286.4	319.1	351.1	384.3	417.9
-55°	91.7	116.8	142.8	170.4	199.2	232.2	265.5	297.3	330.0	361.0	394.0
-57.5°	83.3	105.8	129.5	155.4	181.6	208.7	240.9	272.6	303.3	334.6	368.7
-60°	73.7	93.9	115.4	139.2	164.8	189.6	215.7	245.1	274.8	304.4	335.9
-62.5°	63.9	81.4	100.8	121.6	145.1	169.4	193.3	218.4	245.0	270.8	298.1
-65°	57.4	69.7	86.0	104.5	123.7	145.5	168.1	191.2	214.7	236.6	257.6
-67.5°	50.4	61.5	73.5	87.2	104.7	123.0	141.1	161.8	182.8	203.0	222.5
-70°	43.0	52.9	63.5	74.9	87.3	102.3	119.2	135.8	151.9	168.8	187.0
-72.5°	35.2	43.8	53.0	62.9	73.5	85.4	98.4	112.6	127.0	140.9	155.1
-75°	28.9	34.6	42.2	50.5	59.6	69.0	78.4	89.6	101.8	114.0	126.0
-77.5°	23.8	29.0	34.2	39.4	45.9	54.4	62.8	71.1	79.6	88.8	98.7
-80°	19.3	23.4	28.1	32.8	37.3	42.5	48.3	54.8	60.8	67.0	73.7
-82.5°	16.1	19.2	22.6	26.3	28.9	31.6	34.7	38.5	42.5	46.7	50.9
-85°	12.4	14.9	17.1	19.6	20.8	22.2	23.7	25.3	27.9	30.4	32.9
-87.5°	6.2	7.5	8.8	10.3	10.9	11.5	12.1	12.7	14.3	16.0	17.8
-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: P627448 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA4D-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°	0.3	0.0	0.0	0.0	0.1	1.1	1.5	1.3	0.6	0.0	0.0
62.5°	3.5	2.9	4.6	6.2	6.8	6.6	6.1	5.4	4.7	4.3	4.9
60°	14.4	14.1	19.6	22.3	20.3	14.3	22.5	26.6	25.6	21.9	21.8
57.5°	35.1	42.7	48.2	50.6	58.5	71.3	73.7	69.5	68.0	69.3	80.1
55°	60.9	67.0	70.1	81.0	90.6	97.6	101.7	105.8	111.9	119.4	127.2
52.5°	86.1	94.4	100.8	110.6	122.1	126.1	125.0	139.8	151.4	158.8	161.8
50°	118.2	128.6	143.5	158.7	165.3	171.8	178.6	190.8	208.5	230.5	243.1
47.5°	152.8	169.3	184.9	202.3	211.1	217.9	228.1	249.2	274.4	298.2	310.5
45°	184.0	198.6	216.5	231.5	242.4	255.6	270.3	289.4	317.6	342.4	359.5
42.5°	209.0	225.5	243.9	262.1	273.1	291.0	313.3	339.3	368.8	394.6	413.7
40°	244.2	258.1	287.4	304.7	309.0	325.6	370.4	406.0	439.3	471.1	486.9
37.5°	286.6	313.8	344.2	359.9	375.3	404.7	464.6	522.0	564.5	607.5	631.0
35°	334.7	370.6	411.9	430.5	463.5	527.6	597.9	677.9	777.3	819.0	856.9
32.5°	381.6	421.6	459.8	501.4	559.2	635.7	715.0	844.6	965.6	1059.3	1127.8
30°	423.1	465.6	513.0	566.5	647.9	753.4	885.8	1053.5	1224.0	1372.9	1498.8
27.5°	464.1	512.5	568.9	648.6	763.2	906.5	1117.9	1357.1	1641.7	1851.5	2102.0
25°	509.1	564.4	636.8	752.4	907.0	1121.3	1459.1	1847.5	2314.4	2693.0	3089.1
22.5°	562.3	644.0	735.7	864.7	1134.8	1487.8	1949.4	2613.2	3331.4	3995.4	4634.7
20°	626.7	738.3	885.6	1122.9	1469.8	1991.6	2793.6	3853.0	4909.1	6034.0	7116.8
17.5°	718.4	879.4	1108.2	1446.0	1903.1	2935.3	4236.6	5875.2	7980.3	9888.0	11553.7
15°	804.6	996.9	1358.1	1863.0	2660.4	4028.5	6004.9	8709.4	11990.3	14980.3	18138.3
12.5°	895.0	1122.1	1536.9	2179.8	3287.7	5068.8	7846.4	11552.0	15660.2	20166.6	25299.5
10°	966.6	1242.4	1739.1	2554.1	3919.9	6137.7	9446.3	13940.4	19399.6	26068.6	34274.0
7.5°	1014.9	1338.7	1906.0	2828.2	4501.8	7230.9	11213.8	16615.6	23440.5	32275.6	43757.1
5°	1052.6	1412.3	2031.5	3078.1	4994.1	8065.5	12523.3	18958.3	27031.8	38869.3	58327.0
2.5°	1083.0	1468.6	2109.1	3250.1	5303.1	8646.6	13401.9	20283.7	29169.5	43744.1	68988.0
0°	1106.8	1519.6	2159.7	3356.2	5539.9	8704.6	13676.1	20526.2	29936.8	44624.0	71282.3
-2.5°	1116.9	1546.8	2177.1	3379.5	5516.2	8804.4	13759.8	20719.9	29907.9	44141.8	68719.9
-5°	1133.7	1546.4	2164.0	3355.7	5392.5	8546.5	13213.4	19635.8	28103.6	40345.4	60481.7
-7.5°	1145.8	1521.8	2101.3	3203.7	5068.8	7988.9	12253.2	17839.6	24819.7	34114.6	46585.6
-10°	1134.7	1474.4	1996.9	2948.6	4565.4	7094.4	10793.1	15468.3	21269.5	28157.8	36630.9
-12.5°	1092.0	1387.0	1826.5	2591.3	3913.6	6092.4	9324.0	13304.7	17598.4	22436.1	28291.1
-15°	1038.0	1292.8	1672.9	2346.2	3430.3	5099.3	7458.6	10687.9	14132.2	17805.3	21722.1
-17.5°	996.0	1210.1	1524.8	2012.3	2809.6	4136.7	5990.7	8284.8	10815.9	13612.4	15933.4
-20°	939.0	1108.2	1372.4	1770.5	2378.9	3258.1	4608.4	6275.0	7945.3	9911.5	11514.9

Classified

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

Scaled Data Report



REPORT NUMBER: P627448 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA4D-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°	882.0	1029.4	1230.5	1521.8	1974.4	2638.7	3473.0	4585.8	5807.3	6935.8	8046.7
-25°	829.2	942.7	1105.3	1344.3	1651.3	2104.6	2698.4	3336.9	4142.0	4828.9	5591.3
-27.5°	786.4	883.8	1003.8	1179.0	1417.3	1708.8	2134.0	2561.8	2985.2	3331.9	3856.8
-30°	745.0	823.5	923.8	1048.8	1227.4	1452.1	1728.0	2005.5	2249.9	2472.8	2746.1
-32.5°	704.4	768.3	845.2	948.9	1077.1	1246.0	1415.6	1614.5	1784.3	1941.0	2086.1
-35°	663.7	720.5	779.1	866.6	968.7	1088.7	1212.1	1346.8	1464.4	1570.0	1663.3
-37.5°	626.9	676.9	732.0	797.1	879.4	969.7	1070.4	1168.3	1246.0	1314.5	1371.2
-40°	595.9	641.3	688.5	740.6	803.3	874.6	960.1	1041.6	1096.0	1137.9	1172.3
-42.5°	568.2	608.2	648.4	692.6	740.7	802.4	869.9	937.3	974.2	1006.6	1031.5
-45°	545.9	576.6	610.5	648.2	690.9	742.5	795.6	842.1	874.9	902.8	923.5
-47.5°	516.6	546.1	575.4	606.6	646.3	689.4	733.3	769.1	797.7	822.0	837.8
-50°	484.2	515.3	542.1	569.5	606.1	642.6	677.9	707.5	734.8	758.6	771.1
-52.5°	450.7	484.1	512.3	539.0	569.7	601.5	633.4	658.7	682.6	705.0	714.5
-55°	426.6	457.3	486.4	511.6	536.8	562.3	588.3	614.6	638.3	659.5	665.8
-57.5°	400.5	431.8	460.6	483.2	506.0	529.0	552.8	576.5	599.3	619.8	624.9
-60°	368.7	402.6	428.2	449.5	471.7	494.5	515.1	536.2	557.5	575.3	581.1
-62.5°	328.2	359.2	384.4	406.9	428.3	448.0	468.2	488.0	507.1	521.1	525.7
-65°	279.8	306.1	332.1	355.6	376.7	395.8	414.4	432.4	449.8	462.2	468.3
-67.5°	241.6	260.5	281.4	301.7	322.9	342.5	359.3	375.1	390.0	400.5	407.1
-70°	204.7	222.7	242.3	261.6	280.1	296.0	309.4	322.5	335.1	344.4	351.4
-72.5°	169.5	184.7	201.1	218.1	234.9	249.4	261.6	273.3	284.2	292.2	298.6
-75°	137.6	150.2	164.0	177.7	191.4	202.8	213.1	223.2	232.9	239.9	245.9
-77.5°	109.2	119.8	130.6	141.4	152.2	160.5	168.0	175.4	182.5	188.1	193.2
-80°	80.9	89.3	97.8	106.4	115.0	121.4	127.1	132.5	137.6	140.8	143.8
-82.5°	55.3	61.1	67.1	73.2	79.3	83.9	88.5	92.9	97.3	98.8	99.9
-85°	35.3	38.2	41.3	44.6	48.1	50.7	53.1	55.5	57.7	59.8	61.8
-87.5°	19.6	20.2	20.7	21.2	21.7	23.5	25.3	27.1	28.9	29.2	29.4
-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: P627448 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA4D-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	0.6	1.3
62.5°	5.4	5.7	5.9	6.0	5.9	5.7	5.4	4.9	4.3	4.7	5.4
60°	20.4	18.2	17.8	17.9	17.8	18.2	20.4	21.8	21.9	25.6	26.6
57.5°	91.0	101.2	104.0	101.7	104.0	101.2	91.0	80.1	69.3	68.0	69.5
55°	132.5	135.7	137.1	137.6	137.1	135.7	132.5	127.2	119.4	111.9	105.8
52.5°	162.4	161.4	161.1	161.5	161.1	161.4	162.4	161.8	158.8	151.4	139.8
50°	244.1	239.6	237.9	239.3	237.9	239.6	244.1	243.1	230.5	208.5	190.8
47.5°	312.0	313.4	315.5	317.1	315.5	313.4	312.0	310.5	298.2	274.4	249.2
45°	364.4	367.6	369.7	370.9	369.7	367.6	364.4	359.5	342.4	317.6	289.4
42.5°	417.9	418.2	417.7	418.8	417.7	418.2	417.9	413.7	394.6	368.8	339.3
40°	493.3	494.9	493.3	490.6	493.3	494.9	493.3	486.9	471.1	439.3	406.0
37.5°	644.7	646.9	639.7	634.2	639.7	646.9	644.7	631.0	607.5	564.5	522.0
35°	891.6	917.2	929.4	933.3	929.4	917.2	891.6	856.9	819.0	777.3	677.9
32.5°	1175.1	1210.7	1228.6	1244.4	1228.6	1210.7	1175.1	1127.8	1059.3	965.6	844.6
30°	1581.4	1647.0	1676.0	1717.0	1676.0	1647.0	1581.4	1498.8	1372.9	1224.0	1053.5
27.5°	2244.2	2359.6	2423.5	2482.8	2423.5	2359.6	2244.2	2102.0	1851.5	1641.7	1357.1
25°	3377.0	3599.2	3743.0	3810.9	3743.0	3599.2	3377.0	3089.1	2693.0	2314.4	1847.5
22.5°	5253.4	5663.1	5979.1	6042.4	5979.1	5663.1	5253.4	4634.7	3995.4	3331.4	2613.2
20°	8167.3	8753.4	9230.2	9470.4	9230.2	8753.4	8167.3	7116.8	6034.0	4909.1	3853.0
17.5°	13537.5	14756.7	15313.7	15405.1	15313.7	14756.7	13537.5	11553.7	9888.0	7980.3	5875.2
15°	21526.9	23590.0	24899.7	25743.0	24899.7	23590.0	21526.9	18138.3	14980.3	11990.3	8709.4
12.5°	30642.5	36504.8	39840.5	41112.2	39840.5	36504.8	30642.5	25299.5	20166.6	15660.2	11552.0
10°	43014.5	56815.0	64775.7	68781.6	64775.7	56815.0	43014.5	34274.0	26068.6	19399.6	13940.4
7.5°	64012.7	85327.7	108943.9	119869.7	108943.9	85327.7	64012.7	43757.1	32275.6	23440.5	16615.6
5°	86086.8	132885.9	173961.9	193631.7	173961.9	132885.9	86086.8	58327.0	38869.3	27031.8	18958.3
2.5°	111457.5	174570.5	232923.6	257459.7	232923.6	174570.5	111457.5	68988.0	43744.1	29169.5	20283.7
0°	121221.8	194738.5	258557.5	282640.3	258557.5	194738.5	121221.8	71282.3	44624.0	29936.8	20526.2
-2.5°	112967.0	177628.0	233926.1	261444.0	233926.1	177628.0	112967.0	68719.9	44141.8	29907.9	20719.9
-5°	89758.1	133618.3	175312.4	197735.8	175312.4	133618.3	89758.1	60481.7	40345.4	28103.6	19635.8
-7.5°	65876.8	89753.9	112909.3	121006.4	112909.3	89753.9	65876.8	46585.6	34114.6	24819.7	17839.6
-10°	45864.7	59537.6	68563.1	71138.7	68563.1	59537.6	45864.7	36630.9	28157.8	21269.5	15468.3
-12.5°	34004.1	39984.6	44145.7	44869.2	44145.7	39984.6	34004.1	28291.1	22436.1	17598.4	13304.7
-15°	25179.2	28220.5	30366.6	30511.1	30366.6	28220.5	25179.2	21722.1	17805.3	14132.2	10687.9
-17.5°	18406.1	20447.5	21530.6	21453.5	21530.6	20447.5	18406.1	15933.4	13612.4	10815.9	8284.8
-20°	13161.4	14392.0	15264.6	15094.0	15264.6	14392.0	13161.4	11514.9	9911.5	7945.3	6275.0



REPORT NUMBER: P627448 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA4D-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°	9177.1	9993.9	10505.3	10373.8	10505.3	9993.9	9177.1	8046.7	6935.8	5807.3	4585.8
-25°	6235.7	6680.7	6934.0	6891.9	6934.0	6680.7	6235.7	5591.3	4828.9	4142.0	3336.9
-27.5°	4249.2	4484.3	4562.9	4558.7	4562.9	4484.3	4249.2	3856.8	3331.9	2985.2	2561.8
-30°	2949.3	3107.3	3197.7	3140.8	3197.7	3107.3	2949.3	2746.1	2472.8	2249.9	2005.5
-32.5°	2198.2	2287.3	2338.8	2285.3	2338.8	2287.3	2198.2	2086.1	1941.0	1784.3	1614.5
-35°	1732.3	1777.4	1795.6	1764.9	1795.6	1777.4	1732.3	1663.3	1570.0	1464.4	1346.8
-37.5°	1412.4	1438.8	1447.7	1429.8	1447.7	1438.8	1412.4	1371.2	1314.5	1246.0	1168.3
-40°	1196.8	1213.0	1216.9	1202.5	1216.9	1213.0	1196.8	1172.3	1137.9	1096.0	1041.6
-42.5°	1047.2	1056.8	1059.1	1052.9	1059.1	1056.8	1047.2	1031.5	1006.6	974.2	937.3
-45°	935.8	944.1	945.7	939.3	945.7	944.1	935.8	923.5	902.8	874.9	842.1
-47.5°	845.7	850.8	852.1	849.5	852.1	850.8	845.7	837.8	822.0	797.7	769.1
-50°	776.7	780.2	780.6	777.7	780.6	780.2	776.7	771.1	758.6	734.8	707.5
-52.5°	719.0	721.4	723.1	723.9	723.1	721.4	719.0	714.5	705.0	682.6	658.7
-55°	670.3	673.4	675.4	676.0	675.4	673.4	670.3	665.8	659.5	638.3	614.6
-57.5°	629.0	631.9	633.6	634.2	633.6	631.9	629.0	624.9	619.8	599.3	576.5
-60°	585.8	589.3	591.5	592.3	591.5	589.3	585.8	581.1	575.3	557.5	536.2
-62.5°	528.8	530.3	531.8	532.4	531.8	530.3	528.8	525.7	521.1	507.1	488.0
-65°	473.0	476.2	478.0	478.6	478.0	476.2	473.0	468.3	462.2	449.8	432.4
-67.5°	412.4	416.6	421.0	424.8	421.0	416.6	412.4	407.1	400.5	390.0	375.1
-70°	357.5	362.8	364.5	364.9	364.5	362.8	357.5	351.4	344.4	335.1	322.5
-72.5°	304.3	309.3	313.6	317.1	313.6	309.3	304.3	298.6	292.2	284.2	273.3
-75°	251.2	255.8	257.0	257.3	257.0	255.8	251.2	245.9	239.9	232.9	223.2
-77.5°	197.9	202.2	203.2	203.4	203.2	202.2	197.9	193.2	188.1	182.5	175.4
-80°	146.4	148.8	152.3	155.5	152.3	148.8	146.4	143.8	140.8	137.6	132.5
-82.5°	100.7	101.3	101.6	101.7	101.6	101.3	100.7	99.9	98.8	97.3	92.9
-85°	63.7	65.5	65.7	65.8	65.7	65.5	63.7	61.8	59.8	57.7	55.5
-87.5°	29.6	29.8	29.9	29.9	29.9	29.8	29.6	29.4	29.2	28.9	27.1
-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: P627448 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA4D-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	0.4
65°	1.5	1.1	0.1	0.0	0.0	0.0	0.3	0.0	0.0	0.2	1.6
62.5°	6.1	6.6	6.8	6.2	4.6	2.9	3.5	4.2	2.9	0.6	2.1
60°	22.5	14.3	20.3	22.3	19.6	14.1	14.4	13.4	11.1	8.8	5.8
57.5°	73.7	71.3	58.5	50.6	48.2	42.7	35.1	28.0	24.7	19.9	14.0
55°	101.7	97.6	90.6	81.0	70.1	67.0	60.9	52.2	43.8	34.0	27.5
52.5°	125.0	126.1	122.1	110.6	100.8	94.4	86.1	77.8	67.7	58.1	45.3
50°	178.6	171.8	165.3	158.7	143.5	128.6	118.2	106.8	92.3	81.4	70.7
47.5°	228.1	217.9	211.1	202.3	184.9	169.3	152.8	136.8	118.7	101.7	91.0
45°	270.3	255.6	242.4	231.5	216.5	198.6	184.0	166.2	145.5	125.8	107.4
42.5°	313.3	291.0	273.1	262.1	243.9	225.5	209.0	195.4	172.9	149.9	131.3
40°	370.4	325.6	309.0	304.7	287.4	258.1	244.2	229.1	205.3	175.2	156.9
37.5°	464.6	404.7	375.3	359.9	344.2	313.8	286.6	266.9	245.4	211.5	185.4
35°	597.9	527.6	463.5	430.5	411.9	370.6	334.7	307.7	282.0	250.0	216.0
32.5°	715.0	635.7	559.2	501.4	459.8	421.6	381.6	348.2	314.5	281.7	248.3
30°	885.8	753.4	647.9	566.5	513.0	465.6	423.1	382.8	344.7	310.2	276.6
27.5°	1117.9	906.5	763.2	648.6	568.9	512.5	464.1	417.0	373.6	336.4	302.0
25°	1459.1	1121.3	907.0	752.4	636.8	564.4	509.1	454.6	404.0	361.6	332.5
22.5°	1949.4	1487.8	1134.8	864.7	735.7	644.0	562.3	493.8	436.3	398.5	364.0
20°	2793.6	1991.6	1469.8	1122.9	885.6	738.3	626.7	546.2	487.5	438.8	395.9
17.5°	4236.6	2935.3	1903.1	1446.0	1108.2	879.4	718.4	611.6	537.7	479.3	428.1
15°	6004.9	4028.5	2660.4	1863.0	1358.1	996.9	804.6	676.4	589.1	521.7	460.4
12.5°	7846.4	5068.8	3287.7	2179.8	1536.9	1122.1	895.0	750.4	640.5	552.4	481.8
10°	9446.3	6137.7	3919.9	2554.1	1739.1	1242.4	966.6	797.0	671.2	574.4	500.0
7.5°	11213.8	7230.9	4501.8	2828.2	1906.0	1338.7	1014.9	828.4	696.6	592.8	514.9
5°	12523.3	8065.5	4994.1	3078.1	2031.5	1412.3	1052.6	850.8	716.4	607.5	526.7
2.5°	13401.9	8646.6	5303.1	3250.1	2109.1	1468.6	1083.0	871.8	731.8	622.4	539.9
0°	13676.1	8704.6	5539.9	3356.2	2159.7	1519.6	1106.8	891.4	741.8	634.2	550.4
-2.5°	13759.8	8804.4	5516.2	3379.5	2177.1	1546.8	1116.9	895.1	749.6	638.6	551.9
-5°	13213.4	8546.5	5392.5	3355.7	2164.0	1546.4	1133.7	901.6	754.1	640.1	550.6
-7.5°	12253.2	7988.9	5068.8	3203.7	2101.3	1521.8	1145.8	910.1	758.1	644.8	554.9
-10°	10793.1	7094.4	4565.4	2948.6	1996.9	1474.4	1134.7	905.4	755.5	644.0	555.8
-12.5°	9324.0	6092.4	3913.6	2591.3	1826.5	1387.0	1092.0	886.9	746.0	637.4	553.2
-15°	7458.6	5099.3	3430.3	2346.2	1672.9	1292.8	1038.0	857.8	730.0	625.5	546.9
-17.5°	5990.7	4136.7	2809.6	2012.3	1524.8	1210.1	996.0	834.3	711.2	613.5	538.5
-20°	4608.4	3258.1	2378.9	1770.5	1372.4	1108.2	939.0	799.6	689.6	601.0	530.4

Classified

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

Scaled Data Report



REPORT NUMBER: P627448 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA4D-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°	3473.0	2638.7	1974.4	1521.8	1230.5	1029.4	882.0	761.0	663.3	583.2	519.9
-25°	2698.4	2104.6	1651.3	1344.3	1105.3	942.7	829.2	730.4	642.4	565.5	507.4
-27.5°	2134.0	1708.8	1417.3	1179.0	1003.8	883.8	786.4	698.7	620.0	552.1	494.6
-30°	1728.0	1452.1	1227.4	1048.8	923.8	823.5	745.0	671.6	599.0	535.0	480.8
-32.5°	1415.6	1246.0	1077.1	948.9	845.2	768.3	704.4	642.5	573.4	517.3	466.4
-35°	1212.1	1088.7	968.7	866.6	779.1	720.5	663.7	605.8	549.5	497.3	450.0
-37.5°	1070.4	969.7	879.4	797.1	732.0	676.9	626.9	575.8	524.7	476.8	433.1
-40°	960.1	874.6	803.3	740.6	688.5	641.3	595.9	548.7	503.2	455.2	414.8
-42.5°	869.9	802.4	740.7	692.6	648.4	608.2	568.2	527.0	482.5	437.0	394.4
-45°	795.6	742.5	690.9	648.2	610.5	576.6	545.9	504.9	461.3	415.8	372.5
-47.5°	733.3	689.4	646.3	606.6	575.4	546.1	516.6	480.3	434.5	391.6	354.8
-50°	677.9	642.6	606.1	569.5	542.1	515.3	484.2	446.2	406.7	371.5	336.7
-52.5°	633.4	601.5	569.7	539.0	512.3	484.1	450.7	417.9	384.3	351.1	319.1
-55°	588.3	562.3	536.8	511.6	486.4	457.3	426.6	394.0	361.0	330.0	297.3
-57.5°	552.8	529.0	506.0	483.2	460.6	431.8	400.5	368.7	334.6	303.3	272.6
-60°	515.1	494.5	471.7	449.5	428.2	402.6	368.7	335.9	304.4	274.8	245.1
-62.5°	468.2	448.0	428.3	406.9	384.4	359.2	328.2	298.1	270.8	245.0	218.4
-65°	414.4	395.8	376.7	355.6	332.1	306.1	279.8	257.6	236.6	214.7	191.2
-67.5°	359.3	342.5	322.9	301.7	281.4	260.5	241.6	222.5	203.0	182.8	161.8
-70°	309.4	296.0	280.1	261.6	242.3	222.7	204.7	187.0	168.8	151.9	135.8
-72.5°	261.6	249.4	234.9	218.1	201.1	184.7	169.5	155.1	140.9	127.0	112.6
-75°	213.1	202.8	191.4	177.7	164.0	150.2	137.6	126.0	114.0	101.8	89.6
-77.5°	168.0	160.5	152.2	141.4	130.6	119.8	109.2	98.7	88.8	79.6	71.1
-80°	127.1	121.4	115.0	106.4	97.8	89.3	80.9	73.7	67.0	60.8	54.8
-82.5°	88.5	83.9	79.3	73.2	67.1	61.1	55.3	50.9	46.7	42.5	38.5
-85°	53.1	50.7	48.1	44.6	41.3	38.2	35.3	32.9	30.4	27.9	25.3
-87.5°	25.3	23.5	21.7	21.2	20.7	20.2	19.6	17.8	16.0	14.3	12.7
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



REPORT NUMBER: P627448 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA4D-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	0.2	0.5	0.1	0.0
72.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.6	1.3	1.3	0.4
70°	0.0	0.0	0.0	0.5	0.6	0.0	0.0	0.8	2.2	2.5	1.8
67.5°	0.0	0.0	0.0	1.3	2.0	1.7	0.4	1.0	2.4	3.8	3.4
65°	2.0	1.4	0.1	1.6	3.0	3.9	2.9	1.8	2.7	4.0	5.0
62.5°	3.5	4.5	3.4	2.5	3.3	4.7	5.6	3.8	3.1	4.3	5.6
60°	3.9	5.4	6.1	4.8	4.2	5.1	6.0	5.5	4.3	4.5	5.8
57.5°	10.5	6.8	6.8	6.5	5.4	5.6	6.0	6.0	5.4	5.1	6.0
55°	19.5	14.3	10.1	8.1	6.8	5.9	6.2	6.0	6.0	5.5	6.0
52.5°	34.0	24.7	18.1	12.3	9.1	6.8	6.8	6.0	6.0	5.9	6.0
50°	54.2	38.9	28.5	20.5	12.8	10.0	7.8	7.0	6.0	6.0	6.0
47.5°	79.2	58.1	41.6	30.0	21.1	13.6	10.7	8.3	6.0	6.0	6.0
45°	97.7	81.1	58.0	41.9	29.6	20.4	14.4	9.9	7.5	6.2	6.0
42.5°	115.9	100.9	78.9	53.7	40.6	28.1	18.3	13.2	9.1	6.6	6.2
40°	139.2	120.4	98.9	73.3	52.8	35.7	24.9	17.1	11.0	7.6	6.7
37.5°	163.2	142.2	118.7	92.1	66.6	47.3	31.5	21.0	13.8	9.7	7.3
35°	190.1	164.9	138.4	110.1	83.0	59.3	38.0	25.8	17.6	11.9	8.0
32.5°	217.2	186.7	156.6	127.5	98.2	71.7	47.0	32.0	21.3	14.2	8.8
30°	243.6	208.2	173.5	144.2	112.8	84.8	58.4	38.7	24.8	16.6	10.0
27.5°	267.6	229.4	189.8	159.0	127.3	97.1	69.8	45.9	28.2	19.3	11.9
25°	292.7	250.9	208.4	172.3	141.0	109.4	80.4	53.7	33.2	22.1	13.8
22.5°	321.3	272.6	226.4	184.2	155.4	121.5	90.6	62.9	39.2	24.8	15.7
20°	351.8	294.1	244.4	201.2	168.9	133.9	100.6	71.3	45.3	27.4	17.7
17.5°	383.2	317.6	266.2	220.6	182.3	145.5	110.2	79.0	51.5	29.8	19.5
15°	404.5	341.2	285.8	238.7	195.7	156.2	119.3	85.9	57.5	32.0	21.4
12.5°	422.3	361.5	303.1	255.4	208.9	166.0	127.8	92.2	63.4	35.1	23.2
10°	438.0	378.7	318.1	270.8	221.6	174.9	135.5	97.7	68.9	38.9	24.8
7.5°	451.5	392.8	331.1	284.7	233.8	183.9	142.0	102.6	73.6	42.8	26.3
5°	462.9	404.9	341.9	293.7	245.0	193.3	147.4	106.9	77.7	46.7	27.7
2.5°	472.0	416.0	351.2	300.2	254.8	201.9	151.9	110.6	81.0	50.4	28.9
0°	478.6	424.8	359.0	305.1	263.2	209.4	155.5	113.7	83.8	53.8	29.9
-2.5°	483.0	426.2	367.2	310.8	268.2	215.6	162.8	117.6	86.0	56.9	31.7
-5°	484.8	426.0	373.4	315.1	271.9	220.6	168.9	120.7	87.7	59.5	33.3
-7.5°	487.5	428.0	376.7	318.5	274.3	224.5	173.6	123.1	89.0	61.7	34.8
-10°	488.5	430.0	377.5	322.8	276.3	227.3	176.7	124.5	90.0	63.2	36.1
-12.5°	487.1	429.8	377.3	325.1	277.2	228.9	178.2	126.9	90.9	64.2	37.2
-15°	483.3	427.3	376.4	325.3	277.1	229.6	178.7	129.0	92.7	64.5	38.1
-17.5°	477.3	422.4	375.1	323.4	276.0	229.2	178.2	130.0	93.6	64.0	39.1
-20°	471.4	417.8	373.0	319.1	273.9	228.0	176.6	129.8	93.6	63.1	39.8

Classified

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

Scaled Data Report



REPORT NUMBER: P627448 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA4D-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°	463.6	413.6	366.4	314.7	270.9	225.8	174.1	128.3	92.6	61.7	40.3
-25°	453.8	407.1	358.9	311.3	267.1	221.6	171.2	125.5	90.4	59.8	40.5
-27.5°	444.0	398.4	350.9	306.6	261.9	216.4	167.4	122.8	87.3	57.4	40.4
-30°	432.6	388.5	343.9	300.2	254.6	209.1	161.9	118.7	84.1	56.1	39.9
-32.5°	420.1	378.6	336.0	290.6	245.5	201.0	154.9	113.1	80.4	55.4	39.5
-35°	407.5	367.5	326.5	278.6	235.7	192.2	147.8	105.9	76.1	54.3	38.9
-37.5°	392.7	353.8	311.0	265.7	225.2	182.8	141.2	101.8	71.3	52.7	38.2
-40°	375.8	337.0	293.4	253.7	214.1	172.8	134.0	98.0	68.3	50.7	37.3
-42.5°	357.0	318.2	279.2	241.3	202.6	164.3	126.6	93.4	66.9	49.1	36.2
-45°	337.5	301.2	266.0	228.5	190.9	155.4	120.4	88.3	64.8	47.7	35.1
-47.5°	319.4	286.8	251.5	214.8	180.7	146.3	113.1	84.9	62.0	46.1	33.9
-50°	304.1	270.9	235.7	200.9	168.8	137.0	105.6	80.5	59.7	44.3	32.5
-52.5°	286.4	253.0	218.5	185.6	156.1	126.7	99.2	75.2	56.4	42.1	30.7
-55°	265.5	232.2	199.2	170.4	142.8	116.8	91.7	69.8	52.2	39.6	28.7
-57.5°	240.9	208.7	181.6	155.4	129.5	105.8	83.3	63.2	48.4	36.7	26.4
-60°	215.7	189.6	164.8	139.2	115.4	93.9	73.7	56.7	44.5	33.6	23.8
-62.5°	193.3	169.4	145.1	121.6	100.8	81.4	63.9	51.6	40.3	30.1	21.0
-65°	168.1	145.5	123.7	104.5	86.0	69.7	57.4	46.1	35.7	26.3	18.5
-67.5°	141.1	123.0	104.7	87.2	73.5	61.5	50.4	40.1	30.8	22.3	17.0
-70°	119.2	102.3	87.3	74.9	63.5	52.9	43.0	33.9	25.6	20.0	15.4
-72.5°	98.4	85.4	73.5	62.9	53.0	43.8	35.2	27.8	22.2	17.5	13.5
-75°	78.4	69.0	59.6	50.5	42.2	34.6	28.9	23.4	18.8	14.8	11.9
-77.5°	62.8	54.4	45.9	39.4	34.2	29.0	23.8	18.8	15.6	12.9	10.2
-80°	48.3	42.5	37.3	32.8	28.1	23.4	19.3	15.8	13.4	11.0	8.5
-82.5°	34.7	31.6	28.9	26.3	22.6	19.2	16.1	13.5	11.3	9.0	6.7
-85°	23.7	22.2	20.8	19.6	17.1	14.9	12.4	10.1	8.0	6.1	4.5
-87.5°	12.1	11.5	10.9	10.3	8.8	7.5	6.2	5.1	4.0	3.1	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

Classified

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

Scaled Data Report



REPORT NUMBER: P627448 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA4D-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	0.3	0.0
82.5°	0.0	0.0	0.0	0.0	0.0	0.4	0.0
80°	0.0	0.0	0.0	0.0	0.0	0.5	0.0
77.5°	0.1	0.1	0.0	0.0	0.1	0.7	0.0
75°	0.2	0.5	0.1	0.0	0.1	0.8	0.0
72.5°	0.3	0.9	0.6	0.0	0.2	0.9	0.0
70°	0.7	1.4	1.2	0.1	0.2	1.1	0.0
67.5°	2.1	1.9	1.8	0.7	0.3	1.2	0.0
65°	3.5	2.6	2.4	1.3	0.5	1.4	0.0
62.5°	4.7	3.4	3.1	1.9	0.6	1.5	0.0
60°	5.9	4.2	3.8	2.5	0.8	1.7	0.0
57.5°	6.0	4.9	4.2	3.2	1.3	1.9	0.0
55°	6.0	5.5	4.6	3.8	1.8	2.0	0.0
52.5°	6.0	6.0	5.0	4.5	2.3	2.2	0.0
50°	6.0	6.0	5.3	5.1	2.7	2.4	0.0
47.5°	6.0	6.0	5.6	5.7	3.1	2.6	0.0
45°	6.0	6.0	5.8	5.8	3.5	2.7	0.0
42.5°	6.0	6.0	5.9	6.0	3.9	2.9	0.0
40°	6.0	6.0	6.0	6.0	4.2	3.1	0.0
37.5°	6.0	6.0	6.0	6.0	4.5	3.3	0.0
35°	6.0	6.0	6.0	6.0	4.8	3.5	0.0
32.5°	6.2	6.0	6.0	6.0	5.0	3.7	0.0
30°	6.8	6.0	6.0	6.0	5.2	3.9	0.0
27.5°	7.5	6.0	6.0	6.0	5.4	4.1	0.0
25°	8.2	6.0	6.0	6.0	5.5	4.3	0.0
22.5°	8.9	6.1	6.0	6.0	5.6	4.5	0.0
20°	9.7	6.6	6.0	6.0	5.8	4.7	0.0
17.5°	10.8	7.1	6.0	6.0	5.8	4.9	0.0
15°	12.0	7.7	6.0	6.0	5.9	5.0	0.0
12.5°	13.1	8.4	6.0	6.0	5.9	5.2	0.0
10°	14.2	9.1	6.0	6.0	6.0	5.4	0.0
7.5°	15.2	9.8	6.0	6.0	6.0	5.6	0.0
5°	16.2	10.6	6.0	6.0	6.0	5.7	0.0
2.5°	17.1	11.3	6.0	6.0	6.0	5.9	0.0
0°	17.9	12.0	6.0	6.0	6.0	6.0	0.0
-2.5°	19.5	12.6	6.5	6.0	6.0	6.0	0.0
-5°	20.9	13.2	7.0	6.0	6.0	6.0	0.0
-7.5°	22.3	13.7	7.5	6.0	6.0	5.9	0.0
-10°	23.4	14.1	8.0	6.0	6.0	5.9	0.0
-12.5°	24.4	14.5	8.4	6.0	6.0	5.9	0.0
-15°	25.2	14.8	8.7	6.0	6.0	5.8	0.0
-17.5°	25.7	15.1	9.0	6.0	6.0	5.7	0.0
-20°	26.0	15.3	9.1	6.0	6.0	5.6	0.0

Classified

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

Scaled Data Report



REPORT NUMBER: P627448 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA4D-730-U-NR-VSR-XX

CANDELA DISTRIBUTION (continued):

	75°	77.5°	80°	82.5°	85°	87.5°	90°
-22.5°	26.4	15.4	9.2	6.0	6.0	5.5	0.0
-25°	26.5	15.8	9.2	6.0	6.0	5.4	0.0
-27.5°	26.5	16.3	9.0	6.0	6.0	5.3	0.0
-30°	26.4	16.5	8.8	6.0	6.0	5.2	0.0
-32.5°	26.1	16.7	8.8	6.0	6.0	5.1	0.0
-35°	26.0	16.6	8.7	6.0	6.0	4.9	0.0
-37.5°	25.9	16.5	8.5	6.0	6.0	4.8	0.0
-40°	25.6	16.1	8.1	6.0	6.0	4.6	0.0
-42.5°	25.1	15.6	8.1	6.1	6.0	4.4	0.0
-45°	24.3	15.0	8.3	6.2	6.0	4.2	0.0
-47.5°	23.3	14.2	8.4	6.3	6.0	4.1	0.0
-50°	22.1	13.3	8.5	6.4	6.0	3.9	0.0
-52.5°	20.7	12.2	8.5	6.5	6.0	3.7	0.0
-55°	19.1	11.8	8.5	6.5	6.0	3.4	0.0
-57.5°	17.3	11.6	8.4	6.5	6.0	3.2	0.0
-60°	15.5	11.2	8.2	6.4	6.0	3.0	0.0
-62.5°	14.7	10.7	8.0	6.4	5.5	2.8	0.0
-65°	13.8	10.2	7.7	6.3	5.1	2.5	0.0
-67.5°	12.8	9.6	7.3	6.2	4.6	2.3	0.0
-70°	11.6	8.8	7.0	6.0	4.1	2.1	0.0
-72.5°	10.4	8.1	6.5	5.4	3.6	1.8	0.0
-75°	9.1	7.2	6.1	4.6	3.1	1.6	0.0
-77.5°	7.6	6.3	5.2	3.9	2.6	1.3	0.0
-80°	6.2	5.2	4.1	3.1	2.1	1.0	0.0
-82.5°	4.6	3.9	3.1	2.3	1.6	0.8	0.0
-85°	3.1	2.6	2.1	1.6	1.0	0.5	0.0
-87.5°	1.6	1.3	1.0	0.8	0.5	0.3	0.0
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0

(END OF REPORT)