

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: P626653 (CONVERTED FROM TYPE C PHOTOMETRY)

Luminaire Tested: **GFLD-SA1C-722-U-WR-XX**

Issue Date: 12/7/2022

Test Information

Test Method: LM-79-08
Report Number: P626653 (CONVERTED FROM TYPE C PHOTOMETRY)
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G2-2209-766-1)
Test Lab: COOPER LIGHTING SOLUTIONS
Issue Date: 12/7/2022
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: MCGRAW-EDISON
Catalog Number: GFLD-SA1C-722-U-WR-XX
Description: GALLEON FLOOD, ONE LIGHT SQAURE, WIDE SYMMETRICAL ROUND N8
Light Source: (16) 2200K CCT, 70 CRI LEDS
Ballast/Driver: -

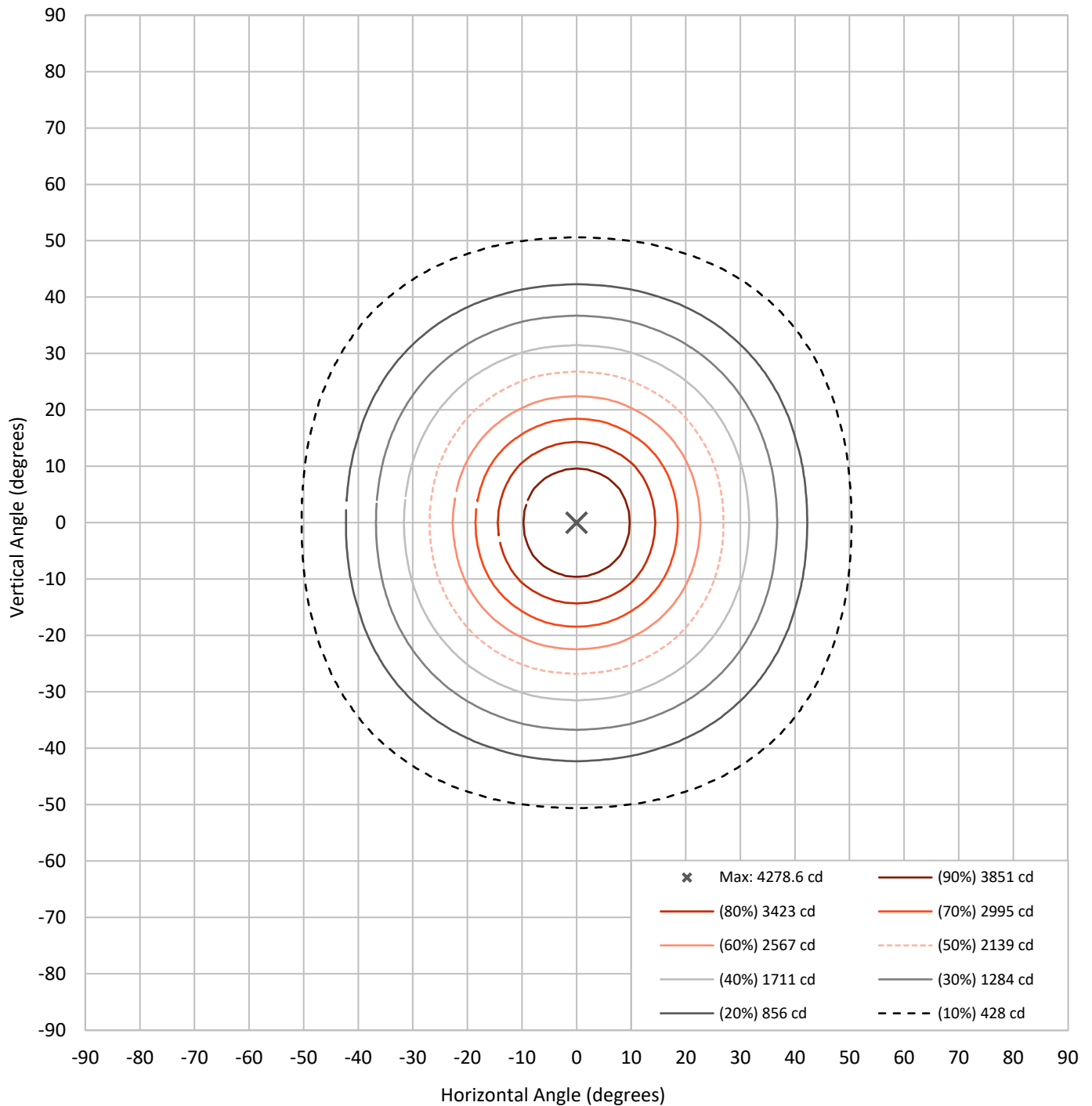
Summary

Lumens per Lamp:	N/A	NEMA Type:	6H x 6V
Luminaire Lumens:	4354.7 lumens	Max Intensity:	4278.6 candela
Efficiency:	N/A	Max Intensity Angle:	0°H x 0°V
Efficacy:	100.1 lumens/watt		
Luminous Opening:	Rectangular (W 0.5' x L: 0.5' x H: 0')		
Beam Angle (50%):	53.8°H x 53.6°V	Field Angle (10%):	100.8°H x 101.2°V
Beam Lumens:	2082.1 lumens	Field Lumens:	3843.1 lumens
Beam Efficiency:	47.8%	Field Efficiency:	88.3%
Input Watts (W):	43.5		
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: P626653 (CONVERTED FROM TYPE C PHOTOMETRY)
CATALOG NUMBER: GFLD-SA1C-722-U-WR-XX

Iso-Candela Plot





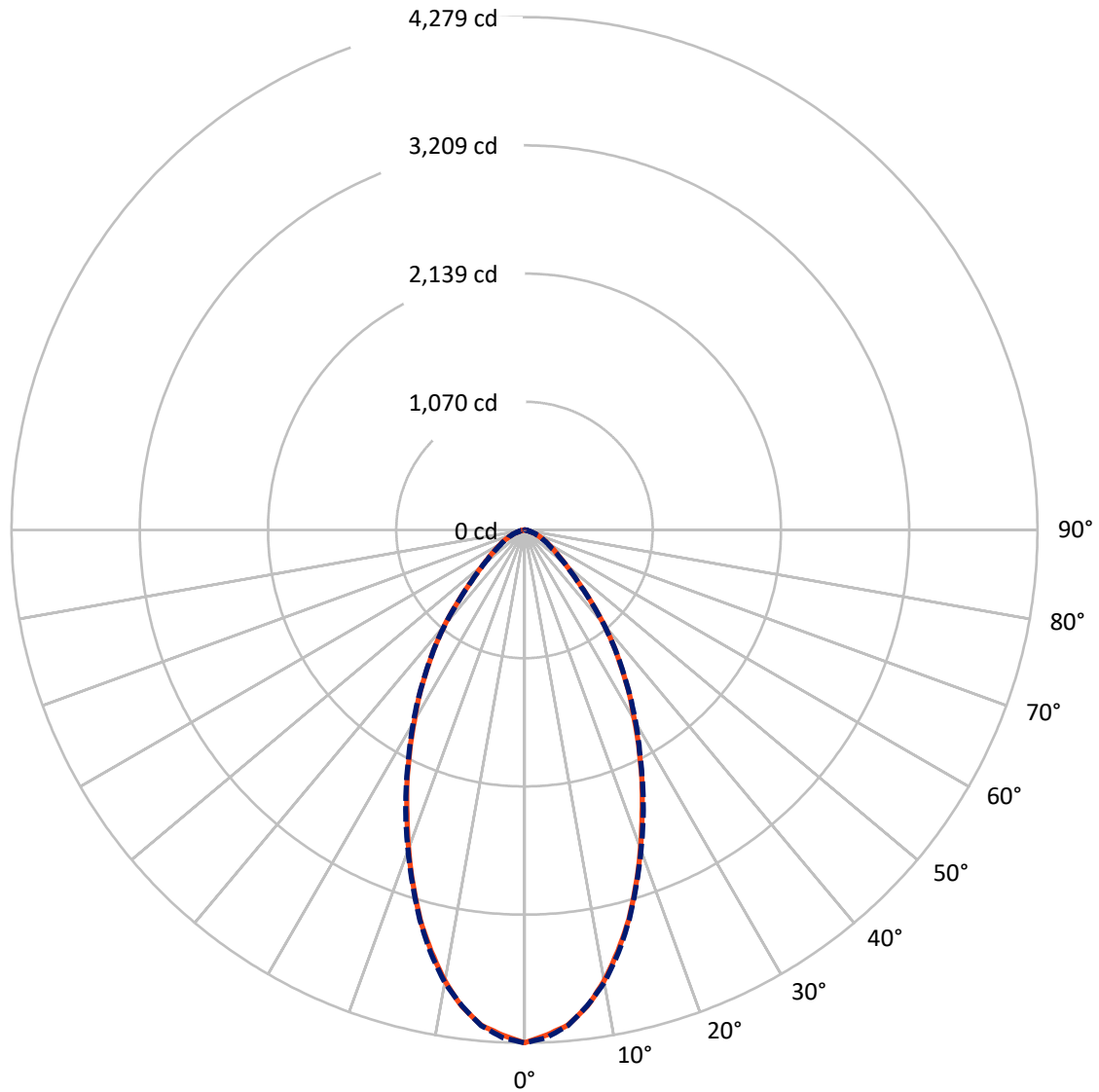
REPORT NUMBER: P626653 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA1C-722-U-WR-XX

Lumen Table

90																			
80	0.2	1.2		2.7		4.6		3.9		4.6		2.7		1.2		0.2			
70																			
60	0.6	0.7	1.2	2.0	2.9	3.8	4.4	4.7	4.7	4.4	3.8	2.9	2.0	1.2	0.7	0.6			
50		0.9	1.9	3.3	5.0	6.9	8.6	9.6	9.6	8.6	6.9	5.0	3.3	1.9	0.9				
40	0.8	1.2	2.6	4.9	8.2	12.6	17.4	20.6	20.6	17.4	12.6	8.2	4.9	2.6	1.2	0.8			
30		1.5	3.4	7.1	13.8	24.5	35.6	42.2	42.2	35.6	24.5	13.8	7.1	3.4	1.5				
20	1.0	1.7	4.3	9.9	22.3	40.1	57.4	68.6	68.6	57.4	40.1	22.3	9.9	4.3	1.7	1.0			
10		1.9	5.0	12.9	30.5	54.2	80.0	98.4	98.4	80.0	54.2	30.5	12.9	5.0	1.9				
0	1.0	2.0	5.4	14.8	35.1	63.0	95.8	120.5	120.5	95.8	63.0	35.1	14.8	5.4	2.0	1.0			
-10		2.0	5.4	14.8	35.1	63.0	95.8	120.5	120.5	95.8	63.0	35.1	14.8	5.4	2.0				
-20	1.0	1.9	5.0	12.9	30.5	54.2	80.0	98.4	98.4	80.0	54.2	30.5	12.9	5.0	1.9	1.0			
-30		1.7	4.3	9.9	22.3	40.1	57.4	68.6	68.6	57.4	40.1	22.3	9.9	4.3	1.7				
-40	0.8	1.5	3.4	7.1	13.8	24.5	35.6	42.2	42.2	35.6	24.5	13.8	7.1	3.4	1.5	0.8			
-50		1.2	2.6	4.9	8.2	12.6	17.4	20.6	20.6	17.4	12.6	8.2	4.9	2.6	1.2				
-60	0.6	0.9	1.9	3.3	5.0	6.9	8.6	9.6	9.6	8.6	6.9	5.0	3.3	1.9	0.9	0.6			
-70		0.7	1.2	2.0	2.9	3.8	4.4	4.7	4.7	4.4	3.8	2.9	2.0	1.2	0.7				
-80																			
-90	0.2	1.2		2.7		4.6		3.9		4.6		2.7		1.2		0.2			
	-90	-80	-70	-60	-50	-40	-30	-20	-10	0	10	20	30	40	50	60	70	80	90

REPORT NUMBER: P626653 (CONVERTED FROM TYPE C PHOTOMETRY)
CATALOG NUMBER: GFLD-SA1C-722-U-WR-XX

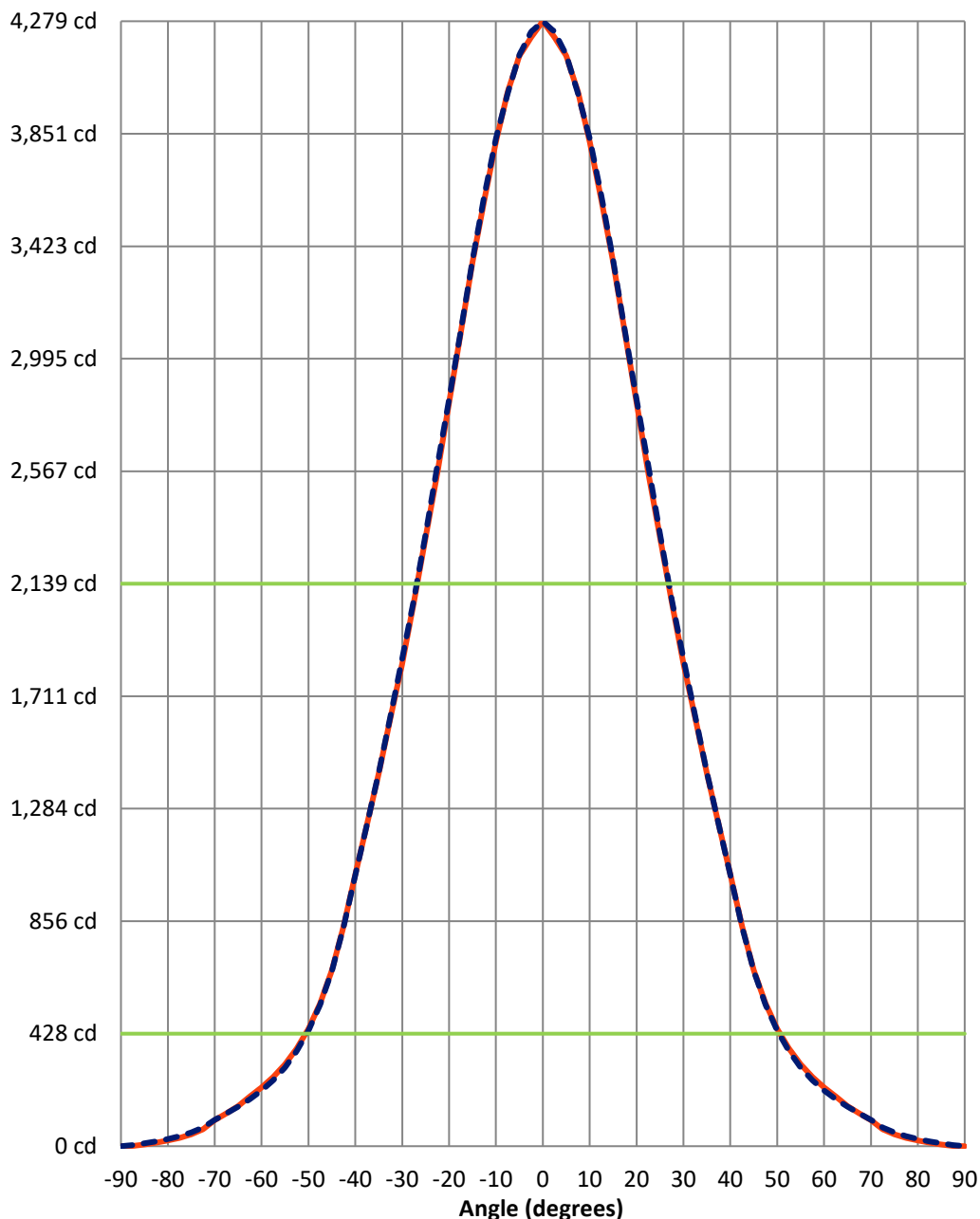
Luminous Intensity Polar Plot



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

REPORT NUMBER: P626653 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA1C-722-U-WR-XX

Luminous Intensity Plot



Beam:
 H Angle: 53.8°
 V Angle: 53.6°
 Lumens: 2082.1
 Efficiency: 47.8%

Field:
 H Angle: 100.8°
 V Angle: 101.2°
 Lumens: 3843.1
 Efficiency: 88.3%

Spill:
 Lumens: 511.5
 Efficiency: 11.7%

- 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: P626653 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA1C-722-U-WR-XX

FIELD
BEAM

CANDELA DISTRIBUTION:

	-90°	-87.5°	-85°	-82.5°	-80°	-77.5°	-75°	-72.5°	-70°	-67.5°	-65°
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
87.5°	0.0	0.2	0.5	0.8	1.2	1.6	2.0	2.3	2.4	2.6	2.7
85°	0.0	0.4	1.0	1.6	2.4	3.2	4.1	4.5	4.9	5.2	5.4
82.5°	0.0	0.6	1.5	2.4	3.5	4.7	6.1	6.8	7.5	8.7	9.7
80°	0.0	0.9	2.0	3.2	4.7	6.3	8.3	10.3	12.0	13.5	14.9
77.5°	0.0	1.1	2.4	4.0	5.8	8.2	11.8	14.4	16.5	18.4	20.3
75°	0.0	1.3	2.9	4.8	7.0	10.7	15.2	18.5	21.0	23.7	26.5
72.5°	0.0	1.5	3.4	5.6	8.7	13.1	18.5	22.5	25.6	29.0	32.6
70°	0.0	1.7	3.8	6.4	10.4	15.5	21.7	26.3	30.1	34.2	38.9
67.5°	0.0	1.9	4.3	7.3	11.9	17.7	24.4	30.0	34.5	39.5	45.3
65°	0.0	2.1	4.7	8.3	13.4	19.8	27.0	33.7	38.8	44.7	51.2
62.5°	0.0	2.2	5.1	9.2	14.8	21.6	29.5	37.1	43.0	49.6	56.8
60°	0.0	2.4	5.5	10.0	16.1	23.4	31.7	40.4	46.9	54.4	62.2
57.5°	0.0	2.6	6.0	10.8	17.3	25.1	33.8	43.3	50.9	59.1	67.1
55°	0.0	2.8	6.4	11.6	18.4	26.6	35.7	45.7	54.8	63.5	71.9
52.5°	0.0	2.9	6.9	12.2	19.5	28.0	37.5	48.2	58.6	67.7	76.5
50°	0.0	3.1	7.3	12.8	20.4	29.2	39.1	50.6	62.2	71.8	81.6
47.5°	0.0	3.2	7.7	13.4	21.3	30.4	40.5	52.8	65.8	75.9	86.6
45°	0.0	3.3	8.1	14.0	22.0	31.4	42.2	54.7	68.4	80.2	91.5
42.5°	0.0	3.5	8.5	14.4	22.6	32.3	43.7	56.7	70.7	84.4	96.5
40°	0.0	3.6	8.8	15.0	23.2	33.0	45.0	58.5	73.0	88.3	101.4
37.5°	0.0	3.7	9.1	15.5	23.7	33.6	46.1	60.2	75.6	91.3	106.0
35°	0.0	3.8	9.4	16.0	24.1	34.3	47.0	61.7	78.0	94.7	110.7
32.5°	0.0	3.9	9.7	16.5	24.4	34.9	47.8	63.0	80.3	98.2	115.5
30°	0.0	4.0	10.0	16.9	24.7	35.4	48.8	64.3	82.5	101.6	120.0
27.5°	0.0	4.0	10.2	17.2	25.2	35.8	49.5	65.9	84.8	105.1	124.3
25°	0.0	4.1	10.4	17.5	25.7	36.0	50.1	67.3	87.4	108.5	128.2
22.5°	0.0	4.1	10.6	17.8	26.1	36.3	50.5	68.6	89.8	111.6	132.6
20°	0.0	4.2	10.7	18.0	26.5	36.9	50.8	69.6	92.1	114.4	136.5
17.5°	0.0	4.2	10.8	18.2	26.8	37.5	51.4	70.5	94.3	116.9	139.9
15°	0.0	4.2	10.9	18.3	27.1	37.9	52.0	71.3	96.2	119.0	142.8
12.5°	0.0	4.3	11.0	18.4	27.3	38.2	52.5	72.1	97.8	120.8	145.3
10°	0.0	4.3	11.0	18.4	27.4	38.4	52.8	72.5	99.0	122.3	147.2
7.5°	0.0	4.3	11.0	18.4	27.4	38.5	53.0	72.6	99.9	123.5	148.8
5°	0.0	4.2	11.0	18.3	27.4	38.5	52.9	72.4	100.4	124.2	149.8
2.5°	0.0	4.2	11.0	18.2	27.4	38.3	52.7	71.9	100.5	124.6	150.3
0°	0.0	4.2	10.9	18.1	27.2	38.1	52.3	71.1	100.1	124.6	150.3
-2.5°	0.0	4.2	11.0	18.2	27.4	38.3	52.7	71.9	100.5	124.6	150.3
-5°	0.0	4.2	11.0	18.3	27.4	38.5	52.9	72.4	100.4	124.2	149.8
-7.5°	0.0	4.3	11.0	18.4	27.4	38.5	53.0	72.6	99.9	123.5	148.8
-10°	0.0	4.3	11.0	18.4	27.4	38.4	52.8	72.5	99.0	122.3	147.2
-12.5°	0.0	4.3	11.0	18.4	27.3	38.2	52.5	72.1	97.8	120.8	145.3
-15°	0.0	4.2	10.9	18.3	27.1	37.9	52.0	71.3	96.2	119.0	142.8
-17.5°	0.0	4.2	10.8	18.2	26.8	37.5	51.4	70.5	94.3	116.9	139.9
-20°	0.0	4.2	10.7	18.0	26.5	36.9	50.8	69.6	92.1	114.4	136.5

Classified

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

Scaled Data Report



REPORT NUMBER: P626653 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA1C-722-U-WR-XX

CANDELA DISTRIBUTION (continued):

	-90°	-87.5°	-85°	-82.5°	-80°	-77.5°	-75°	-72.5°	-70°	-67.5°	-65°
-22.5°	0.0	4.1	10.6	17.8	26.1	36.3	50.5	68.6	89.8	111.6	132.6
-25°	0.0	4.1	10.4	17.5	25.7	36.0	50.1	67.3	87.4	108.5	128.2
-27.5°	0.0	4.0	10.2	17.2	25.2	35.8	49.5	65.9	84.8	105.1	124.3
-30°	0.0	4.0	10.0	16.9	24.7	35.4	48.8	64.3	82.5	101.6	120.0
-32.5°	0.0	3.9	9.7	16.5	24.4	34.9	47.8	63.0	80.3	98.2	115.5
-35°	0.0	3.8	9.4	16.0	24.1	34.3	47.0	61.7	78.0	94.7	110.7
-37.5°	0.0	3.7	9.1	15.5	23.7	33.6	46.1	60.2	75.6	91.3	106.0
-40°	0.0	3.6	8.8	15.0	23.2	33.0	45.0	58.5	73.0	88.3	101.4
-42.5°	0.0	3.5	8.5	14.4	22.6	32.3	43.7	56.7	70.7	84.4	96.5
-45°	0.0	3.3	8.1	14.0	22.0	31.4	42.2	54.7	68.4	80.2	91.5
-47.5°	0.0	3.2	7.7	13.4	21.3	30.4	40.5	52.8	65.8	75.9	86.6
-50°	0.0	3.1	7.3	12.8	20.4	29.2	39.1	50.6	62.2	71.8	81.6
-52.5°	0.0	2.9	6.9	12.2	19.5	28.0	37.5	48.2	58.6	67.7	76.5
-55°	0.0	2.8	6.4	11.6	18.4	26.6	35.7	45.7	54.8	63.5	71.9
-57.5°	0.0	2.6	6.0	10.8	17.3	25.1	33.8	43.3	50.9	59.1	67.1
-60°	0.0	2.4	5.5	10.0	16.1	23.4	31.7	40.4	46.9	54.4	62.2
-62.5°	0.0	2.2	5.1	9.2	14.8	21.6	29.5	37.1	43.0	49.6	56.8
-65°	0.0	2.1	4.7	8.3	13.4	19.8	27.0	33.7	38.8	44.7	51.2
-67.5°	0.0	1.9	4.3	7.3	11.9	17.7	24.4	30.0	34.5	39.5	45.3
-70°	0.0	1.7	3.8	6.4	10.4	15.5	21.7	26.3	30.1	34.2	38.9
-72.5°	0.0	1.5	3.4	5.6	8.7	13.1	18.5	22.5	25.6	29.0	32.6
-75°	0.0	1.3	2.9	4.8	7.0	10.7	15.2	18.5	21.0	23.7	26.5
-77.5°	0.0	1.1	2.4	4.0	5.8	8.2	11.8	14.4	16.5	18.4	20.3
-80°	0.0	0.9	2.0	3.2	4.7	6.3	8.3	10.3	12.0	13.5	14.9
-82.5°	0.0	0.6	1.5	2.4	3.5	4.7	6.1	6.8	7.5	8.7	9.7
-85°	0.0	0.4	1.0	1.6	2.4	3.2	4.1	4.5	4.9	5.2	5.4
-87.5°	0.0	0.2	0.5	0.8	1.2	1.6	2.0	2.3	2.4	2.6	2.7
-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: P626653 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA1C-722-U-WR-XX

CANDELA DISTRIBUTION (continued):

	-62.5°	-60°	-57.5°	-55°	-52.5°	-50°	-47.5°	-45°	-42.5°	-40°	-37.5°
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
87.5°	2.7	2.7	2.7	2.6	2.5	2.3	2.1	1.9	2.0	2.1	2.1
85°	5.5	5.5	5.9	6.3	6.5	6.5	6.4	6.1	6.9	7.8	8.8
82.5°	10.6	11.6	12.4	13.2	13.3	13.1	12.7	12.3	13.9	15.8	17.9
80°	16.3	17.6	19.2	20.7	21.0	20.9	20.5	19.7	21.9	24.9	28.1
77.5°	22.6	24.8	26.8	28.6	29.2	29.1	28.8	28.2	30.9	35.1	39.4
75°	29.3	31.9	34.5	36.8	37.8	37.9	37.8	38.4	42.0	46.9	51.2
72.5°	36.3	39.6	42.6	45.1	46.7	47.8	49.4	51.3	54.9	59.8	64.0
70°	43.6	47.4	50.4	53.2	55.6	58.2	61.6	64.9	68.7	73.5	77.9
67.5°	50.9	54.7	58.1	61.6	65.9	70.1	74.3	78.6	83.4	88.4	92.9
65°	57.6	61.9	66.1	71.1	76.8	81.5	86.6	92.2	98.5	104.2	109.4
62.5°	64.1	68.8	74.1	80.1	86.2	92.2	99.1	106.3	113.7	120.8	127.8
60°	69.5	75.5	81.8	88.6	95.7	103.8	111.9	120.5	129.3	137.9	146.6
57.5°	74.8	82.1	89.4	97.4	106.2	115.5	125.2	134.9	145.4	155.7	165.6
55°	80.2	88.8	97.2	106.6	116.8	127.6	138.6	150.4	161.9	175.0	187.0
52.5°	86.0	95.4	105.3	116.0	127.9	140.1	153.0	166.5	180.9	195.3	210.0
50°	91.7	102.3	113.3	126.1	139.4	153.4	168.2	183.9	200.7	217.5	235.2
47.5°	97.6	109.0	122.4	136.3	151.5	167.4	184.2	202.9	221.5	242.6	263.0
45°	103.5	116.6	131.1	147.3	163.9	181.8	201.8	222.4	246.1	270.0	296.8
42.5°	109.1	124.2	140.6	157.9	176.8	197.4	219.5	245.3	272.1	301.7	333.1
40°	115.6	131.4	149.9	169.2	189.8	213.3	239.9	268.6	301.3	336.3	372.0
37.5°	121.8	139.6	159.1	180.1	203.9	230.4	259.8	295.0	332.7	372.5	421.1
35°	127.7	147.4	168.6	191.5	217.3	248.1	283.3	322.1	365.6	416.9	473.6
32.5°	133.9	154.8	177.5	203.3	232.5	266.2	306.1	351.8	403.3	461.7	532.6
30°	140.1	162.4	186.4	214.3	246.9	285.7	331.1	381.6	440.8	514.1	597.4
27.5°	145.9	169.5	195.8	226.0	260.8	303.8	355.1	414.4	484.1	566.9	664.3
25°	151.3	176.0	204.5	237.1	276.1	323.3	379.0	444.6	527.5	626.2	745.9
22.5°	156.4	181.9	212.3	247.1	289.9	342.2	404.8	479.9	571.5	682.3	825.9
20°	161.1	188.3	220.1	256.7	302.3	359.2	428.6	512.8	617.1	748.3	904.3
17.5°	165.3	194.0	227.4	267.0	316.1	376.5	451.0	541.9	657.7	807.2	976.7
15°	168.9	198.8	233.8	276.0	328.5	393.7	474.5	573.9	700.1	860.8	1040.3
12.5°	171.9	202.9	239.1	283.5	338.9	408.3	494.6	602.3	741.3	911.3	1096.1
10°	174.3	206.2	243.4	289.6	347.3	420.1	511.2	625.6	775.7	954.6	1143.3
7.5°	176.3	208.7	246.7	294.2	353.7	429.2	524.1	643.6	802.5	988.8	1179.5
5°	177.7	210.5	249.2	297.5	358.3	435.5	533.1	656.1	821.6	1013.6	1204.3
2.5°	178.5	211.5	250.6	299.2	361.2	439.0	537.9	664.0	832.1	1027.8	1219.3
0°	178.7	211.7	251.0	299.4	362.0	439.7	538.6	666.5	834.3	1031.5	1224.7
-2.5°	178.5	211.5	250.6	299.2	361.2	439.0	537.9	664.0	832.1	1027.8	1219.3
-5°	177.7	210.5	249.2	297.5	358.3	435.5	533.1	656.1	821.6	1013.6	1204.3
-7.5°	176.3	208.7	246.7	294.2	353.7	429.2	524.1	643.6	802.5	988.8	1179.5
-10°	174.3	206.2	243.4	289.6	347.3	420.1	511.2	625.6	775.7	954.6	1143.3
-12.5°	171.9	202.9	239.1	283.5	338.9	408.3	494.6	602.3	741.3	911.3	1096.1
-15°	168.9	198.8	233.8	276.0	328.5	393.7	474.5	573.9	700.1	860.8	1040.3
-17.5°	165.3	194.0	227.4	267.0	316.1	376.5	451.0	541.9	657.7	807.2	976.7
-20°	161.1	188.3	220.1	256.7	302.3	359.2	428.6	512.8	617.1	748.3	904.3

Classified

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

Scaled Data Report



REPORT NUMBER: P626653 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA1C-722-U-WR-XX

CANDELA DISTRIBUTION (continued):

	-62.5°	-60°	-57.5°	-55°	-52.5°	-50°	-47.5°	-45°	-42.5°	-40°	-37.5°
-22.5°	156.4	181.9	212.3	247.1	289.9	342.2	404.8	479.9	571.5	682.3	825.9
-25°	151.3	176.0	204.5	237.1	276.1	323.3	379.0	444.6	527.5	626.2	745.9
-27.5°	145.9	169.5	195.8	226.0	260.8	303.8	355.1	414.4	484.1	566.9	664.3
-30°	140.1	162.4	186.4	214.3	246.9	285.7	331.1	381.6	440.8	514.1	597.4
-32.5°	133.9	154.8	177.5	203.3	232.5	266.2	306.1	351.8	403.3	461.7	532.6
-35°	127.7	147.4	168.6	191.5	217.3	248.1	283.3	322.1	365.6	416.9	473.6
-37.5°	121.8	139.6	159.1	180.1	203.9	230.4	259.8	295.0	332.7	372.5	421.1
-40°	115.6	131.4	149.9	169.2	189.8	213.3	239.9	268.6	301.3	336.3	372.0
-42.5°	109.1	124.2	140.6	157.9	176.8	197.4	219.5	245.3	272.1	301.7	333.1
-45°	103.5	116.6	131.1	147.3	163.9	181.8	201.8	222.4	246.1	270.0	296.8
-47.5°	97.6	109.0	122.4	136.3	151.5	167.4	184.2	202.9	221.5	242.6	263.0
-50°	91.7	102.3	113.3	126.1	139.4	153.4	168.2	183.9	200.7	217.5	235.2
-52.5°	86.0	95.4	105.3	116.0	127.9	140.1	153.0	166.5	180.9	195.3	210.0
-55°	80.2	88.8	97.2	106.6	116.8	127.6	138.6	150.4	161.9	175.0	187.0
-57.5°	74.8	82.1	89.4	97.4	106.2	115.5	125.2	134.9	145.4	155.7	165.6
-60°	69.5	75.5	81.8	88.6	95.7	103.8	111.9	120.5	129.3	137.9	146.6
-62.5°	64.1	68.8	74.1	80.1	86.2	92.2	99.1	106.3	113.7	120.8	127.8
-65°	57.6	61.9	66.1	71.1	76.8	81.5	86.6	92.2	98.5	104.2	109.4
-67.5°	50.9	54.7	58.1	61.6	65.9	70.1	74.3	78.6	83.4	88.4	92.9
-70°	43.6	47.4	50.4	53.2	55.6	58.2	61.6	64.9	68.7	73.5	77.9
-72.5°	36.3	39.6	42.6	45.1	46.7	47.8	49.4	51.3	54.9	59.8	64.0
-75°	29.3	31.9	34.5	36.8	37.8	37.9	37.8	38.4	42.0	46.9	51.2
-77.5°	22.6	24.8	26.8	28.6	29.2	29.1	28.8	28.2	30.9	35.1	39.4
-80°	16.3	17.6	19.2	20.7	21.0	20.9	20.5	19.7	21.9	24.9	28.1
-82.5°	10.6	11.6	12.4	13.2	13.3	13.1	12.7	12.3	13.9	15.8	17.9
-85°	5.5	5.5	5.9	6.3	6.5	6.5	6.4	6.1	6.9	7.8	8.8
-87.5°	2.7	2.7	2.7	2.6	2.5	2.3	2.1	1.9	2.0	2.1	2.1
-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: P626653 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA1C-722-U-WR-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°	2.2	2.2	2.1	2.0	1.9	1.9	1.8	1.8	1.7	1.6	1.5
85°	9.8	10.0	10.2	10.2	10.2	10.6	10.9	11.2	11.4	10.3	9.2
82.5°	20.0	20.9	21.7	22.6	23.4	23.9	24.4	24.7	24.9	22.5	19.9
80°	31.5	33.4	35.1	36.6	38.2	38.5	38.5	38.3	37.9	34.6	31.0
77.5°	43.7	46.3	48.4	50.5	52.5	53.2	53.6	53.8	54.0	50.0	45.1
75°	55.0	58.1	60.9	63.6	66.0	67.3	68.1	68.7	69.2	65.2	59.9
72.5°	67.7	70.9	74.0	77.0	79.6	81.3	82.4	83.4	84.1	81.8	78.5
70°	81.6	85.0	88.3	91.3	94.3	96.6	98.4	100.0	101.3	101.6	101.4
67.5°	97.2	101.2	105.1	108.4	111.9	115.2	118.1	120.4	122.3	123.6	124.3
65°	114.6	120.6	125.9	130.5	134.3	138.6	142.5	145.4	147.4	149.0	150.4
62.5°	135.2	142.4	148.5	154.5	160.7	166.8	170.5	174.3	178.0	181.5	184.5
60°	154.9	162.9	171.1	178.8	185.9	192.4	199.2	205.2	210.5	214.9	218.2
57.5°	176.0	185.7	195.0	204.8	214.0	222.6	230.9	238.7	245.3	250.9	255.5
55°	198.9	210.7	221.9	234.3	246.3	257.2	267.3	277.6	286.9	295.1	301.6
52.5°	223.5	238.9	253.7	268.2	283.8	297.9	310.4	324.8	337.5	348.0	356.1
50°	253.0	271.1	290.6	308.6	328.2	347.6	365.4	382.7	399.6	414.2	426.0
47.5°	286.5	308.8	332.9	356.8	381.2	407.6	431.2	453.1	476.7	497.2	513.6
45°	323.8	352.2	381.3	414.9	445.9	479.8	511.2	539.4	572.9	602.4	626.2
42.5°	365.1	402.9	441.3	483.6	524.6	567.7	613.5	654.1	698.5	740.9	775.1
40°	416.4	461.6	512.9	564.1	623.0	678.4	745.1	805.7	860.8	911.2	952.6
37.5°	473.3	531.5	596.0	662.7	743.3	822.3	900.4	974.1	1039.2	1094.5	1140.8
35°	538.0	611.9	690.0	787.4	881.8	976.5	1064.7	1145.3	1216.1	1278.4	1331.4
32.5°	612.3	701.1	810.4	919.8	1027.5	1131.8	1228.6	1316.5	1394.1	1464.1	1525.0
30°	690.5	811.6	934.3	1054.3	1172.0	1286.2	1392.4	1489.2	1576.9	1654.9	1725.1
27.5°	789.8	924.0	1057.8	1187.2	1316.7	1441.6	1556.8	1664.3	1765.0	1853.0	1933.3
25°	885.9	1034.1	1176.4	1317.5	1458.4	1592.6	1721.3	1842.7	1958.0	2059.1	2148.7
22.5°	982.0	1137.1	1289.1	1440.8	1592.3	1741.8	1886.4	2025.5	2154.4	2269.5	2370.4
20°	1070.9	1233.1	1395.7	1559.3	1723.4	1887.1	2049.4	2206.0	2349.6	2482.5	2599.3
17.5°	1150.7	1323.2	1495.6	1670.5	1848.4	2026.1	2206.5	2382.0	2546.2	2697.4	2832.9
15°	1221.3	1401.4	1586.5	1775.2	1966.3	2159.3	2356.1	2552.5	2737.3	2909.1	3060.3
12.5°	1283.1	1470.3	1664.3	1864.9	2072.2	2282.5	2497.3	2712.6	2917.1	3115.4	3278.7
10°	1334.1	1528.9	1731.7	1942.4	2161.1	2387.4	2617.8	2849.6	3075.0	3285.3	3472.0
7.5°	1373.5	1575.5	1784.5	2003.7	2233.1	2471.7	2715.9	2961.8	3202.3	3428.9	3635.5
5°	1401.2	1609.5	1821.1	2049.1	2286.5	2533.7	2787.5	3043.7	3295.2	3533.5	3747.6
2.5°	1417.3	1629.9	1842.4	2076.7	2318.2	2571.3	2831.9	3092.4	3350.5	3597.6	3817.6
0°	1421.6	1636.0	1854.6	2079.6	2328.2	2588.8	2840.1	3101.4	3369.6	3613.4	3832.6
-2.5°	1417.3	1629.9	1842.4	2076.7	2318.2	2571.3	2831.9	3092.4	3350.5	3597.6	3817.6
-5°	1401.2	1609.5	1821.1	2049.1	2286.5	2533.7	2787.5	3043.7	3295.2	3533.5	3747.6
-7.5°	1373.5	1575.5	1784.5	2003.7	2233.1	2471.7	2715.9	2961.8	3202.3	3428.9	3635.5
-10°	1334.1	1528.9	1731.7	1942.4	2161.1	2387.4	2617.8	2849.6	3075.0	3285.3	3472.0
-12.5°	1283.1	1470.3	1664.3	1864.9	2072.2	2282.5	2497.3	2712.6	2917.1	3115.4	3278.7
-15°	1221.3	1401.4	1586.5	1775.2	1966.3	2159.3	2356.1	2552.5	2737.3	2909.1	3060.3
-17.5°	1150.7	1323.2	1495.6	1670.5	1848.4	2026.1	2206.5	2382.0	2546.2	2697.4	2832.9
-20°	1070.9	1233.1	1395.7	1559.3	1723.4	1887.1	2049.4	2206.0	2349.6	2482.5	2599.3

Classified

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

Scaled Data Report



REPORT NUMBER: P626653 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA1C-722-U-WR-XX

CANDELA DISTRIBUTION (continued):

	-35°	-32.5°	-30°	-27.5°	-25°	-22.5°	-20°	-17.5°	-15°	-12.5°	-10°
-22.5°	982.0	1137.1	1289.1	1440.8	1592.3	1741.8	1886.4	2025.5	2154.4	2269.5	2370.4
-25°	885.9	1034.1	1176.4	1317.5	1458.4	1592.6	1721.3	1842.7	1958.0	2059.1	2148.7
-27.5°	789.8	924.0	1057.8	1187.2	1316.7	1441.6	1556.8	1664.3	1765.0	1853.0	1933.3
-30°	690.5	811.6	934.3	1054.3	1172.0	1286.2	1392.4	1489.2	1576.9	1654.9	1725.1
-32.5°	612.3	701.1	810.4	919.8	1027.5	1131.8	1228.6	1316.5	1394.1	1464.1	1525.0
-35°	538.0	611.9	690.0	787.4	881.8	976.5	1064.7	1145.3	1216.1	1278.4	1331.4
-37.5°	473.3	531.5	596.0	662.7	743.3	822.3	900.4	974.1	1039.2	1094.5	1140.8
-40°	416.4	461.6	512.9	564.1	623.0	678.4	745.1	805.7	860.8	911.2	952.6
-42.5°	365.1	402.9	441.3	483.6	524.6	567.7	613.5	654.1	698.5	740.9	775.1
-45°	323.8	352.2	381.3	414.9	445.9	479.8	511.2	539.4	572.9	602.4	626.2
-47.5°	286.5	308.8	332.9	356.8	381.2	407.6	431.2	453.1	476.7	497.2	513.6
-50°	253.0	271.1	290.6	308.6	328.2	347.6	365.4	382.7	399.6	414.2	426.0
-52.5°	223.5	238.9	253.7	268.2	283.8	297.9	310.4	324.8	337.5	348.0	356.1
-55°	198.9	210.7	221.9	234.3	246.3	257.2	267.3	277.6	286.9	295.1	301.6
-57.5°	176.0	185.7	195.0	204.8	214.0	222.6	230.9	238.7	245.3	250.9	255.5
-60°	154.9	162.9	171.1	178.8	185.9	192.4	199.2	205.2	210.5	214.9	218.2
-62.5°	135.2	142.4	148.5	154.5	160.7	166.8	170.5	174.3	178.0	181.5	184.5
-65°	114.6	120.6	125.9	130.5	134.3	138.6	142.5	145.4	147.4	149.0	150.4
-67.5°	97.2	101.2	105.1	108.4	111.9	115.2	118.1	120.4	122.3	123.6	124.3
-70°	81.6	85.0	88.3	91.3	94.3	96.6	98.4	100.0	101.3	101.6	101.4
-72.5°	67.7	70.9	74.0	77.0	79.6	81.3	82.4	83.4	84.1	81.8	78.5
-75°	55.0	58.1	60.9	63.6	66.0	67.3	68.1	68.7	69.2	65.2	59.9
-77.5°	43.7	46.3	48.4	50.5	52.5	53.2	53.6	53.8	54.0	50.0	45.1
-80°	31.5	33.4	35.1	36.6	38.2	38.5	38.5	38.3	37.9	34.6	31.0
-82.5°	20.0	20.9	21.7	22.6	23.4	23.9	24.4	24.7	24.9	22.5	19.9
-85°	9.8	10.0	10.2	10.2	10.2	10.6	10.9	11.2	11.4	10.3	9.2
-87.5°	2.2	2.2	2.1	2.0	1.9	1.9	1.8	1.8	1.7	1.6	1.5
-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: P626653 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA1C-722-U-WR-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°	1.3	1.2	1.0	0.9	1.0	1.2	1.3	1.5	1.6	1.7	1.8
85°	8.0	6.7	6.5	6.4	6.5	6.7	8.0	9.2	10.3	11.4	11.2
82.5°	17.1	14.2	13.7	13.3	13.7	14.2	17.1	19.9	22.5	24.9	24.7
80°	27.2	23.3	22.5	21.8	22.5	23.3	27.2	31.0	34.6	37.9	38.3
77.5°	39.9	34.6	32.9	31.4	32.9	34.6	39.9	45.1	50.0	54.0	53.8
75°	54.5	48.8	46.9	45.1	46.9	48.8	54.5	59.9	65.2	69.2	68.7
72.5°	75.2	71.7	68.2	64.4	68.2	71.7	75.2	78.5	81.8	84.1	83.4
70°	101.3	101.1	100.2	98.9	100.2	101.1	101.3	101.4	101.6	101.3	100.0
67.5°	124.6	124.5	124.8	124.9	124.8	124.5	124.6	124.3	123.6	122.3	120.4
65°	151.2	151.5	152.1	152.4	152.1	151.5	151.2	150.4	149.0	147.4	145.4
62.5°	186.8	188.3	189.1	189.0	189.1	188.3	186.8	184.5	181.5	178.0	174.3
60°	220.6	222.2	223.2	223.5	223.2	222.2	220.6	218.2	214.9	210.5	205.2
57.5°	259.2	261.8	263.2	263.4	263.2	261.8	259.2	255.5	250.9	245.3	238.7
55°	306.6	310.1	311.7	311.5	311.7	310.1	306.6	301.6	295.1	286.9	277.6
52.5°	362.3	366.5	369.7	371.6	369.7	366.5	362.3	356.1	348.0	337.5	324.8
50°	434.8	440.9	444.7	446.3	444.7	440.9	434.8	426.0	414.2	399.6	382.7
47.5°	525.5	533.6	539.6	543.7	539.6	533.6	525.5	513.6	497.2	476.7	453.1
45°	643.7	656.0	664.3	669.2	664.3	656.0	643.7	626.2	602.4	572.9	539.4
42.5°	801.8	820.9	832.5	837.0	832.5	820.9	801.8	775.1	740.9	698.5	654.1
40°	985.3	1008.2	1023.2	1033.6	1023.2	1008.2	985.3	952.6	911.2	860.8	805.7
37.5°	1176.4	1200.4	1215.1	1225.0	1215.1	1200.4	1176.4	1140.8	1094.5	1039.2	974.1
35°	1371.3	1396.5	1410.2	1418.0	1410.2	1396.5	1371.3	1331.4	1278.4	1216.1	1145.3
32.5°	1571.5	1599.3	1614.2	1629.6	1614.2	1599.3	1571.5	1525.0	1464.1	1394.1	1316.5
30°	1780.6	1812.4	1828.1	1835.6	1828.1	1812.4	1780.6	1725.1	1654.9	1576.9	1489.2
27.5°	1998.1	2037.8	2057.4	2070.2	2057.4	2037.8	1998.1	1933.3	1853.0	1765.0	1664.3
25°	2224.4	2273.6	2296.0	2316.1	2296.0	2273.6	2224.4	2148.7	2059.1	1958.0	1842.7
22.5°	2459.3	2520.6	2546.5	2560.7	2546.5	2520.6	2459.3	2370.4	2269.5	2154.4	2025.5
20°	2700.2	2773.5	2809.5	2828.0	2809.5	2773.5	2700.2	2599.3	2482.5	2349.6	2206.0
17.5°	2946.7	3037.7	3084.4	3095.1	3084.4	3037.7	2946.7	2832.9	2697.4	2546.2	2382.0
15°	3188.6	3287.0	3342.1	3362.4	3342.1	3287.0	3188.6	3060.3	2909.1	2737.3	2552.5
12.5°	3417.6	3519.7	3585.6	3597.3	3585.6	3519.7	3417.6	3278.7	3115.4	2917.1	2712.6
10°	3625.4	3731.1	3803.9	3820.5	3803.9	3731.1	3625.4	3472.0	3285.3	3075.0	2849.6
7.5°	3799.2	3915.1	3995.5	4009.5	3995.5	3915.1	3799.2	3635.5	3428.9	3202.3	2961.8
5°	3926.2	4064.0	4129.9	4146.5	4129.9	4064.0	3926.2	3747.6	3533.5	3295.2	3043.7
2.5°	3995.9	4136.2	4227.8	4217.3	4227.8	4136.2	3995.9	3817.6	3597.6	3350.5	3092.4
0°	4003.8	4150.4	4238.1	4278.6	4238.1	4150.4	4003.8	3832.6	3613.4	3369.6	3101.4
-2.5°	3995.9	4136.2	4227.8	4217.3	4227.8	4136.2	3995.9	3817.6	3597.6	3350.5	3092.4
-5°	3926.2	4064.0	4129.9	4146.5	4129.9	4064.0	3926.2	3747.6	3533.5	3295.2	3043.7
-7.5°	3799.2	3915.1	3995.5	4009.5	3995.5	3915.1	3799.2	3635.5	3428.9	3202.3	2961.8
-10°	3625.4	3731.1	3803.9	3820.5	3803.9	3731.1	3625.4	3472.0	3285.3	3075.0	2849.6
-12.5°	3417.6	3519.7	3585.6	3597.3	3585.6	3519.7	3417.6	3278.7	3115.4	2917.1	2712.6
-15°	3188.6	3287.0	3342.1	3362.4	3342.1	3287.0	3188.6	3060.3	2909.1	2737.3	2552.5
-17.5°	2946.7	3037.7	3084.4	3095.1	3084.4	3037.7	2946.7	2832.9	2697.4	2546.2	2382.0
-20°	2700.2	2773.5	2809.5	2828.0	2809.5	2773.5	2700.2	2599.3	2482.5	2349.6	2206.0



REPORT NUMBER: P626653 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA1C-722-U-WR-XX

CANDELA DISTRIBUTION (continued):

	-7.5°	-5°	-2.5°	0°	2.5°	5°	7.5°	10°	12.5°	15°	17.5°
-22.5°	2459.3	2520.6	2546.5	2560.7	2546.5	2520.6	2459.3	2370.4	2269.5	2154.4	2025.5
-25°	2224.4	2273.6	2296.0	2316.1	2296.0	2273.6	2224.4	2148.7	2059.1	1958.0	1842.7
-27.5°	1998.1	2037.8	2057.4	2070.2	2057.4	2037.8	1998.1	1933.3	1853.0	1765.0	1664.3
-30°	1780.6	1812.4	1828.1	1835.6	1828.1	1812.4	1780.6	1725.1	1654.9	1576.9	1489.2
-32.5°	1571.5	1599.3	1614.2	1629.6	1614.2	1599.3	1571.5	1525.0	1464.1	1394.1	1316.5
-35°	1371.3	1396.5	1410.2	1418.0	1410.2	1396.5	1371.3	1331.4	1278.4	1216.1	1145.3
-37.5°	1176.4	1200.4	1215.1	1225.0	1215.1	1200.4	1176.4	1140.8	1094.5	1039.2	974.1
-40°	985.3	1008.2	1023.2	1033.6	1023.2	1008.2	985.3	952.6	911.2	860.8	805.7
-42.5°	801.8	820.9	832.5	837.0	832.5	820.9	801.8	775.1	740.9	698.5	654.1
-45°	643.7	656.0	664.3	669.2	664.3	656.0	643.7	626.2	602.4	572.9	539.4
-47.5°	525.5	533.6	539.6	543.7	539.6	533.6	525.5	513.6	497.2	476.7	453.1
-50°	434.8	440.9	444.7	446.3	444.7	440.9	434.8	426.0	414.2	399.6	382.7
-52.5°	362.3	366.5	369.7	371.6	369.7	366.5	362.3	356.1	348.0	337.5	324.8
-55°	306.6	310.1	311.7	311.5	311.7	310.1	306.6	301.6	295.1	286.9	277.6
-57.5°	259.2	261.8	263.2	263.4	263.2	261.8	259.2	255.5	250.9	245.3	238.7
-60°	220.6	222.2	223.2	223.5	223.2	222.2	220.6	218.2	214.9	210.5	205.2
-62.5°	186.8	188.3	189.1	189.0	189.1	188.3	186.8	184.5	181.5	178.0	174.3
-65°	151.2	151.5	152.1	152.4	152.1	151.5	151.2	150.4	149.0	147.4	145.4
-67.5°	124.6	124.5	124.8	124.9	124.8	124.5	124.6	124.3	123.6	122.3	120.4
-70°	101.3	101.1	100.2	98.9	100.2	101.1	101.3	101.4	101.6	101.3	100.0
-72.5°	75.2	71.7	68.2	64.4	68.2	71.7	75.2	78.5	81.8	84.1	83.4
-75°	54.5	48.8	46.9	45.1	46.9	48.8	54.5	59.9	65.2	69.2	68.7
-77.5°	39.9	34.6	32.9	31.4	32.9	34.6	39.9	45.1	50.0	54.0	53.8
-80°	27.2	23.3	22.5	21.8	22.5	23.3	27.2	31.0	34.6	37.9	38.3
-82.5°	17.1	14.2	13.7	13.3	13.7	14.2	17.1	19.9	22.5	24.9	24.7
-85°	8.0	6.7	6.5	6.4	6.5	6.7	8.0	9.2	10.3	11.4	11.2
-87.5°	1.3	1.2	1.0	0.9	1.0	1.2	1.3	1.5	1.6	1.7	1.8
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



REPORT NUMBER: P626653 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA1C-722-U-WR-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°	1.8	1.9	1.9	2.0	2.1	2.2	2.2	2.1	2.1	2.0	1.9
85°	10.9	10.6	10.2	10.2	10.2	10.0	9.8	8.8	7.8	6.9	6.1
82.5°	24.4	23.9	23.4	22.6	21.7	20.9	20.0	17.9	15.8	13.9	12.3
80°	38.5	38.5	38.2	36.6	35.1	33.4	31.5	28.1	24.9	21.9	19.7
77.5°	53.6	53.2	52.5	50.5	48.4	46.3	43.7	39.4	35.1	30.9	28.2
75°	68.1	67.3	66.0	63.6	60.9	58.1	55.0	51.2	46.9	42.0	38.4
72.5°	82.4	81.3	79.6	77.0	74.0	70.9	67.7	64.0	59.8	54.9	51.3
70°	98.4	96.6	94.3	91.3	88.3	85.0	81.6	77.9	73.5	68.7	64.9
67.5°	118.1	115.2	111.9	108.4	105.1	101.2	97.2	92.9	88.4	83.4	78.6
65°	142.5	138.6	134.3	130.5	125.9	120.6	114.6	109.4	104.2	98.5	92.2
62.5°	170.5	166.8	160.7	154.5	148.5	142.4	135.2	127.8	120.8	113.7	106.3
60°	199.2	192.4	185.9	178.8	171.1	162.9	154.9	146.6	137.9	129.3	120.5
57.5°	230.9	222.6	214.0	204.8	195.0	185.7	176.0	165.6	155.7	145.4	134.9
55°	267.3	257.2	246.3	234.3	221.9	210.7	198.9	187.0	175.0	161.9	150.4
52.5°	310.4	297.9	283.8	268.2	253.7	238.9	223.5	210.0	195.3	180.9	166.5
50°	365.4	347.6	328.2	308.6	290.6	271.1	253.0	235.2	217.5	200.7	183.9
47.5°	431.2	407.6	381.2	356.8	332.9	308.8	286.5	263.0	242.6	221.5	202.9
45°	511.2	479.8	445.9	414.9	381.3	352.2	323.8	296.8	270.0	246.1	222.4
42.5°	613.5	567.7	524.6	483.6	441.3	402.9	365.1	333.1	301.7	272.1	245.3
40°	745.1	678.4	623.0	564.1	512.9	461.6	416.4	372.0	336.3	301.3	268.6
37.5°	900.4	822.3	743.3	662.7	596.0	531.5	473.3	421.1	372.5	332.7	295.0
35°	1064.7	976.5	881.8	787.4	690.0	611.9	538.0	473.6	416.9	365.6	322.1
32.5°	1228.6	1131.8	1027.5	919.8	810.4	701.1	612.3	532.6	461.7	403.3	351.8
30°	1392.4	1286.2	1172.0	1054.3	934.3	811.6	690.5	597.4	514.1	440.8	381.6
27.5°	1556.8	1441.6	1316.7	1187.2	1057.8	924.0	789.8	664.3	566.9	484.1	414.4
25°	1721.3	1592.6	1458.4	1317.5	1176.4	1034.1	885.9	745.9	626.2	527.5	444.6
22.5°	1886.4	1741.8	1592.3	1440.8	1289.1	1137.1	982.0	825.9	682.3	571.5	479.9
20°	2049.4	1887.1	1723.4	1559.3	1395.7	1233.1	1070.9	904.3	748.3	617.1	512.8
17.5°	2206.5	2026.1	1848.4	1670.5	1495.6	1323.2	1150.7	976.7	807.2	657.7	541.9
15°	2356.1	2159.3	1966.3	1775.2	1586.5	1401.4	1221.3	1040.3	860.8	700.1	573.9
12.5°	2497.3	2282.5	2072.2	1864.9	1664.3	1470.3	1283.1	1096.1	911.3	741.3	602.3
10°	2617.8	2387.4	2161.1	1942.4	1731.7	1528.9	1334.1	1143.3	954.6	775.7	625.6
7.5°	2715.9	2471.7	2233.1	2003.7	1784.5	1575.5	1373.5	1179.5	988.8	802.5	643.6
5°	2787.5	2533.7	2286.5	2049.1	1821.1	1609.5	1401.2	1204.3	1013.6	821.6	656.1
2.5°	2831.9	2571.3	2318.2	2076.7	1842.4	1629.9	1417.3	1219.3	1027.8	832.1	664.0
0°	2840.1	2588.8	2328.2	2079.6	1854.6	1636.0	1421.6	1224.7	1031.5	834.3	666.5
-2.5°	2831.9	2571.3	2318.2	2076.7	1842.4	1629.9	1417.3	1219.3	1027.8	832.1	664.0
-5°	2787.5	2533.7	2286.5	2049.1	1821.1	1609.5	1401.2	1204.3	1013.6	821.6	656.1
-7.5°	2715.9	2471.7	2233.1	2003.7	1784.5	1575.5	1373.5	1179.5	988.8	802.5	643.6
-10°	2617.8	2387.4	2161.1	1942.4	1731.7	1528.9	1334.1	1143.3	954.6	775.7	625.6
-12.5°	2497.3	2282.5	2072.2	1864.9	1664.3	1470.3	1283.1	1096.1	911.3	741.3	602.3
-15°	2356.1	2159.3	1966.3	1775.2	1586.5	1401.4	1221.3	1040.3	860.8	700.1	573.9
-17.5°	2206.5	2026.1	1848.4	1670.5	1495.6	1323.2	1150.7	976.7	807.2	657.7	541.9
-20°	2049.4	1887.1	1723.4	1559.3	1395.7	1233.1	1070.9	904.3	748.3	617.1	512.8

Classified

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

Scaled Data Report



REPORT NUMBER: P626653 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA1C-722-U-WR-XX

CANDELA DISTRIBUTION (continued):

	20°	22.5°	25°	27.5°	30°	32.5°	35°	37.5°	40°	42.5°	45°
-22.5°	1886.4	1741.8	1592.3	1440.8	1289.1	1137.1	982.0	825.9	682.3	571.5	479.9
-25°	1721.3	1592.6	1458.4	1317.5	1176.4	1034.1	885.9	745.9	626.2	527.5	444.6
-27.5°	1556.8	1441.6	1316.7	1187.2	1057.8	924.0	789.8	664.3	566.9	484.1	414.4
-30°	1392.4	1286.2	1172.0	1054.3	934.3	811.6	690.5	597.4	514.1	440.8	381.6
-32.5°	1228.6	1131.8	1027.5	919.8	810.4	701.1	612.3	532.6	461.7	403.3	351.8
-35°	1064.7	976.5	881.8	787.4	690.0	611.9	538.0	473.6	416.9	365.6	322.1
-37.5°	900.4	822.3	743.3	662.7	596.0	531.5	473.3	421.1	372.5	332.7	295.0
-40°	745.1	678.4	623.0	564.1	512.9	461.6	416.4	372.0	336.3	301.3	268.6
-42.5°	613.5	567.7	524.6	483.6	441.3	402.9	365.1	333.1	301.7	272.1	245.3
-45°	511.2	479.8	445.9	414.9	381.3	352.2	323.8	296.8	270.0	246.1	222.4
-47.5°	431.2	407.6	381.2	356.8	332.9	308.8	286.5	263.0	242.6	221.5	202.9
-50°	365.4	347.6	328.2	308.6	290.6	271.1	253.0	235.2	217.5	200.7	183.9
-52.5°	310.4	297.9	283.8	268.2	253.7	238.9	223.5	210.0	195.3	180.9	166.5
-55°	267.3	257.2	246.3	234.3	221.9	210.7	198.9	187.0	175.0	161.9	150.4
-57.5°	230.9	222.6	214.0	204.8	195.0	185.7	176.0	165.6	155.7	145.4	134.9
-60°	199.2	192.4	185.9	178.8	171.1	162.9	154.9	146.6	137.9	129.3	120.5
-62.5°	170.5	166.8	160.7	154.5	148.5	142.4	135.2	127.8	120.8	113.7	106.3
-65°	142.5	138.6	134.3	130.5	125.9	120.6	114.6	109.4	104.2	98.5	92.2
-67.5°	118.1	115.2	111.9	108.4	105.1	101.2	97.2	92.9	88.4	83.4	78.6
-70°	98.4	96.6	94.3	91.3	88.3	85.0	81.6	77.9	73.5	68.7	64.9
-72.5°	82.4	81.3	79.6	77.0	74.0	70.9	67.7	64.0	59.8	54.9	51.3
-75°	68.1	67.3	66.0	63.6	60.9	58.1	55.0	51.2	46.9	42.0	38.4
-77.5°	53.6	53.2	52.5	50.5	48.4	46.3	43.7	39.4	35.1	30.9	28.2
-80°	38.5	38.5	38.2	36.6	35.1	33.4	31.5	28.1	24.9	21.9	19.7
-82.5°	24.4	23.9	23.4	22.6	21.7	20.9	20.0	17.9	15.8	13.9	12.3
-85°	10.9	10.6	10.2	10.2	10.2	10.0	9.8	8.8	7.8	6.9	6.1
-87.5°	1.8	1.9	1.9	2.0	2.1	2.2	2.2	2.1	2.1	2.0	1.9
-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: P626653 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA1C-722-U-WR-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°	2.1	2.3	2.5	2.6	2.7	2.7	2.7	2.7	2.6	2.4	2.3
85°	6.4	6.5	6.5	6.3	5.9	5.5	5.5	5.4	5.2	4.9	4.5
82.5°	12.7	13.1	13.3	13.2	12.4	11.6	10.6	9.7	8.7	7.5	6.8
80°	20.5	20.9	21.0	20.7	19.2	17.6	16.3	14.9	13.5	12.0	10.3
77.5°	28.8	29.1	29.2	28.6	26.8	24.8	22.6	20.3	18.4	16.5	14.4
75°	37.8	37.9	37.8	36.8	34.5	31.9	29.3	26.5	23.7	21.0	18.5
72.5°	49.4	47.8	46.7	45.1	42.6	39.6	36.3	32.6	29.0	25.6	22.5
70°	61.6	58.2	55.6	53.2	50.4	47.4	43.6	38.9	34.2	30.1	26.3
67.5°	74.3	70.1	65.9	61.6	58.1	54.7	50.9	45.3	39.5	34.5	30.0
65°	86.6	81.5	76.8	71.1	66.1	61.9	57.6	51.2	44.7	38.8	33.7
62.5°	99.1	92.2	86.2	80.1	74.1	68.8	64.1	56.8	49.6	43.0	37.1
60°	111.9	103.8	95.7	88.6	81.8	75.5	69.5	62.2	54.4	46.9	40.4
57.5°	125.2	115.5	106.2	97.4	89.4	82.1	74.8	67.1	59.1	50.9	43.3
55°	138.6	127.6	116.8	106.6	97.2	88.8	80.2	71.9	63.5	54.8	45.7
52.5°	153.0	140.1	127.9	116.0	105.3	95.4	86.0	76.5	67.7	58.6	48.2
50°	168.2	153.4	139.4	126.1	113.3	102.3	91.7	81.6	71.8	62.2	50.6
47.5°	184.2	167.4	151.5	136.3	122.4	109.0	97.6	86.6	75.9	65.8	52.8
45°	201.8	181.8	163.9	147.3	131.1	116.6	103.5	91.5	80.2	68.4	54.7
42.5°	219.5	197.4	176.8	157.9	140.6	124.2	109.1	96.5	84.4	70.7	56.7
40°	239.9	213.3	189.8	169.2	149.9	131.4	115.6	101.4	88.3	73.0	58.5
37.5°	259.8	230.4	203.9	180.1	159.1	139.6	121.8	106.0	91.3	75.6	60.2
35°	283.3	248.1	217.3	191.5	168.6	147.4	127.7	110.7	94.7	78.0	61.7
32.5°	306.1	266.2	232.5	203.3	177.5	154.8	133.9	115.5	98.2	80.3	63.0
30°	331.1	285.7	246.9	214.3	186.4	162.4	140.1	120.0	101.6	82.5	64.3
27.5°	355.1	303.8	260.8	226.0	195.8	169.5	145.9	124.3	105.1	84.8	65.9
25°	379.0	323.3	276.1	237.1	204.5	176.0	151.3	128.2	108.5	87.4	67.3
22.5°	404.8	342.2	289.9	247.1	212.3	181.9	156.4	132.6	111.6	89.8	68.6
20°	428.6	359.2	302.3	256.7	220.1	188.3	161.1	136.5	114.4	92.1	69.6
17.5°	451.0	376.5	316.1	267.0	227.4	194.0	165.3	139.9	116.9	94.3	70.5
15°	474.5	393.7	328.5	276.0	233.8	198.8	168.9	142.8	119.0	96.2	71.3
12.5°	494.6	408.3	338.9	283.5	239.1	202.9	171.9	145.3	120.8	97.8	72.1
10°	511.2	420.1	347.3	289.6	243.4	206.2	174.3	147.2	122.3	99.0	72.5
7.5°	524.1	429.2	353.7	294.2	246.7	208.7	176.3	148.8	123.5	99.9	72.6
5°	533.1	435.5	358.3	297.5	249.2	210.5	177.7	149.8	124.2	100.4	72.4
2.5°	537.9	439.0	361.2	299.2	250.6	211.5	178.5	150.3	124.6	100.5	71.9
0°	538.6	439.7	362.0	299.4	251.0	211.7	178.7	150.3	124.6	100.1	71.1
-2.5°	537.9	439.0	361.2	299.2	250.6	211.5	178.5	150.3	124.6	100.5	71.9
-5°	533.1	435.5	358.3	297.5	249.2	210.5	177.7	149.8	124.2	100.4	72.4
-7.5°	524.1	429.2	353.7	294.2	246.7	208.7	176.3	148.8	123.5	99.9	72.6
-10°	511.2	420.1	347.3	289.6	243.4	206.2	174.3	147.2	122.3	99.0	72.5
-12.5°	494.6	408.3	338.9	283.5	239.1	202.9	171.9	145.3	120.8	97.8	72.1
-15°	474.5	393.7	328.5	276.0	233.8	198.8	168.9	142.8	119.0	96.2	71.3
-17.5°	451.0	376.5	316.1	267.0	227.4	194.0	165.3	139.9	116.9	94.3	70.5
-20°	428.6	359.2	302.3	256.7	220.1	188.3	161.1	136.5	114.4	92.1	69.6

Classified

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

Scaled Data Report



REPORT NUMBER: P626653 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA1C-722-U-WR-XX

CANDELA DISTRIBUTION (continued):

	47.5°	50°	52.5°	55°	57.5°	60°	62.5°	65°	67.5°	70°	72.5°
-22.5°	404.8	342.2	289.9	247.1	212.3	181.9	156.4	132.6	111.6	89.8	68.6
-25°	379.0	323.3	276.1	237.1	204.5	176.0	151.3	128.2	108.5	87.4	67.3
-27.5°	355.1	303.8	260.8	226.0	195.8	169.5	145.9	124.3	105.1	84.8	65.9
-30°	331.1	285.7	246.9	214.3	186.4	162.4	140.1	120.0	101.6	82.5	64.3
-32.5°	306.1	266.2	232.5	203.3	177.5	154.8	133.9	115.5	98.2	80.3	63.0
-35°	283.3	248.1	217.3	191.5	168.6	147.4	127.7	110.7	94.7	78.0	61.7
-37.5°	259.8	230.4	203.9	180.1	159.1	139.6	121.8	106.0	91.3	75.6	60.2
-40°	239.9	213.3	189.8	169.2	149.9	131.4	115.6	101.4	88.3	73.0	58.5
-42.5°	219.5	197.4	176.8	157.9	140.6	124.2	109.1	96.5	84.4	70.7	56.7
-45°	201.8	181.8	163.9	147.3	131.1	116.6	103.5	91.5	80.2	68.4	54.7
-47.5°	184.2	167.4	151.5	136.3	122.4	109.0	97.6	86.6	75.9	65.8	52.8
-50°	168.2	153.4	139.4	126.1	113.3	102.3	91.7	81.6	71.8	62.2	50.6
-52.5°	153.0	140.1	127.9	116.0	105.3	95.4	86.0	76.5	67.7	58.6	48.2
-55°	138.6	127.6	116.8	106.6	97.2	88.8	80.2	71.9	63.5	54.8	45.7
-57.5°	125.2	115.5	106.2	97.4	89.4	82.1	74.8	67.1	59.1	50.9	43.3
-60°	111.9	103.8	95.7	88.6	81.8	75.5	69.5	62.2	54.4	46.9	40.4
-62.5°	99.1	92.2	86.2	80.1	74.1	68.8	64.1	56.8	49.6	43.0	37.1
-65°	86.6	81.5	76.8	71.1	66.1	61.9	57.6	51.2	44.7	38.8	33.7
-67.5°	74.3	70.1	65.9	61.6	58.1	54.7	50.9	45.3	39.5	34.5	30.0
-70°	61.6	58.2	55.6	53.2	50.4	47.4	43.6	38.9	34.2	30.1	26.3
-72.5°	49.4	47.8	46.7	45.1	42.6	39.6	36.3	32.6	29.0	25.6	22.5
-75°	37.8	37.9	37.8	36.8	34.5	31.9	29.3	26.5	23.7	21.0	18.5
-77.5°	28.8	29.1	29.2	28.6	26.8	24.8	22.6	20.3	18.4	16.5	14.4
-80°	20.5	20.9	21.0	20.7	19.2	17.6	16.3	14.9	13.5	12.0	10.3
-82.5°	12.7	13.1	13.3	13.2	12.4	11.6	10.6	9.7	8.7	7.5	6.8
-85°	6.4	6.5	6.5	6.3	5.9	5.5	5.5	5.4	5.2	4.9	4.5
-87.5°	2.1	2.3	2.5	2.6	2.7	2.7	2.7	2.7	2.6	2.4	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: P626653 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA1C-722-U-WR-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°	2.0	1.6	1.2	0.8	0.5	0.2	0.0
85°	4.1	3.2	2.4	1.6	1.0	0.4	0.0
82.5°	6.1	4.7	3.5	2.4	1.5	0.6	0.0
80°	8.3	6.3	4.7	3.2	2.0	0.9	0.0
77.5°	11.8	8.2	5.8	4.0	2.4	1.1	0.0
75°	15.2	10.7	7.0	4.8	2.9	1.3	0.0
72.5°	18.5	13.1	8.7	5.6	3.4	1.5	0.0
70°	21.7	15.5	10.4	6.4	3.8	1.7	0.0
67.5°	24.4	17.7	11.9	7.3	4.3	1.9	0.0
65°	27.0	19.8	13.4	8.3	4.7	2.1	0.0
62.5°	29.5	21.6	14.8	9.2	5.1	2.2	0.0
60°	31.7	23.4	16.1	10.0	5.5	2.4	0.0
57.5°	33.8	25.1	17.3	10.8	6.0	2.6	0.0
55°	35.7	26.6	18.4	11.6	6.4	2.8	0.0
52.5°	37.5	28.0	19.5	12.2	6.9	2.9	0.0
50°	39.1	29.2	20.4	12.8	7.3	3.1	0.0
47.5°	40.5	30.4	21.3	13.4	7.7	3.2	0.0
45°	42.2	31.4	22.0	14.0	8.1	3.3	0.0
42.5°	43.7	32.3	22.6	14.4	8.5	3.5	0.0
40°	45.0	33.0	23.2	15.0	8.8	3.6	0.0
37.5°	46.1	33.6	23.7	15.5	9.1	3.7	0.0
35°	47.0	34.3	24.1	16.0	9.4	3.8	0.0
32.5°	47.8	34.9	24.4	16.5	9.7	3.9	0.0
30°	48.8	35.4	24.7	16.9	10.0	4.0	0.0
27.5°	49.5	35.8	25.2	17.2	10.2	4.0	0.0
25°	50.1	36.0	25.7	17.5	10.4	4.1	0.0
22.5°	50.5	36.3	26.1	17.8	10.6	4.1	0.0
20°	50.8	36.9	26.5	18.0	10.7	4.2	0.0
17.5°	51.4	37.5	26.8	18.2	10.8	4.2	0.0
15°	52.0	37.9	27.1	18.3	10.9	4.2	0.0
12.5°	52.5	38.2	27.3	18.4	11.0	4.3	0.0
10°	52.8	38.4	27.4	18.4	11.0	4.3	0.0
7.5°	53.0	38.5	27.4	18.4	11.0	4.3	0.0
5°	52.9	38.5	27.4	18.3	11.0	4.2	0.0
2.5°	52.7	38.3	27.4	18.2	11.0	4.2	0.0
0°	52.3	38.1	27.2	18.1	10.9	4.2	0.0
-2.5°	52.7	38.3	27.4	18.2	11.0	4.2	0.0
-5°	52.9	38.5	27.4	18.3	11.0	4.2	0.0
-7.5°	53.0	38.5	27.4	18.4	11.0	4.3	0.0
-10°	52.8	38.4	27.4	18.4	11.0	4.3	0.0
-12.5°	52.5	38.2	27.3	18.4	11.0	4.3	0.0
-15°	52.0	37.9	27.1	18.3	10.9	4.2	0.0
-17.5°	51.4	37.5	26.8	18.2	10.8	4.2	0.0
-20°	50.8	36.9	26.5	18.0	10.7	4.2	0.0

Classified

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

Scaled Data Report



REPORT NUMBER: P626653 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA1C-722-U-WR-XX

CANDELA DISTRIBUTION (continued):

	75°	77.5°	80°	82.5°	85°	87.5°	90°
-22.5°	50.5	36.3	26.1	17.8	10.6	4.1	0.0
-25°	50.1	36.0	25.7	17.5	10.4	4.1	0.0
-27.5°	49.5	35.8	25.2	17.2	10.2	4.0	0.0
-30°	48.8	35.4	24.7	16.9	10.0	4.0	0.0
-32.5°	47.8	34.9	24.4	16.5	9.7	3.9	0.0
-35°	47.0	34.3	24.1	16.0	9.4	3.8	0.0
-37.5°	46.1	33.6	23.7	15.5	9.1	3.7	0.0
-40°	45.0	33.0	23.2	15.0	8.8	3.6	0.0
-42.5°	43.7	32.3	22.6	14.4	8.5	3.5	0.0
-45°	42.2	31.4	22.0	14.0	8.1	3.3	0.0
-47.5°	40.5	30.4	21.3	13.4	7.7	3.2	0.0
-50°	39.1	29.2	20.4	12.8	7.3	3.1	0.0
-52.5°	37.5	28.0	19.5	12.2	6.9	2.9	0.0
-55°	35.7	26.6	18.4	11.6	6.4	2.8	0.0
-57.5°	33.8	25.1	17.3	10.8	6.0	2.6	0.0
-60°	31.7	23.4	16.1	10.0	5.5	2.4	0.0
-62.5°	29.5	21.6	14.8	9.2	5.1	2.2	0.0
-65°	27.0	19.8	13.4	8.3	4.7	2.1	0.0
-67.5°	24.4	17.7	11.9	7.3	4.3	1.9	0.0
-70°	21.7	15.5	10.4	6.4	3.8	1.7	0.0
-72.5°	18.5	13.1	8.7	5.6	3.4	1.5	0.0
-75°	15.2	10.7	7.0	4.8	2.9	1.3	0.0
-77.5°	11.8	8.2	5.8	4.0	2.4	1.1	0.0
-80°	8.3	6.3	4.7	3.2	2.0	0.9	0.0
-82.5°	6.1	4.7	3.5	2.4	1.5	0.6	0.0
-85°	4.1	3.2	2.4	1.6	1.0	0.4	0.0
-87.5°	2.0	1.6	1.2	0.8	0.5	0.2	0.0
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0

(END OF REPORT)