

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: P627548 (CONVERTED FROM TYPE C PHOTOMETRY)

Luminaire Tested: **GFLD-SA5B-722-U-NR-VSR-XX**

Issue Date: 12/7/2022

Test Information

Test Method: LM-79-08
Report Number: P627548 (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-SA5B-722-U-NR-VSR-XX
Description: GALLEON FLOOD, FIVE LIGHT SQAURE, NARROW SYMMETRICAL ROUND N3 WITH VISOR
Light Source: (80) 2200K CCT, 70 CRI LEDS
Ballast/Driver: -

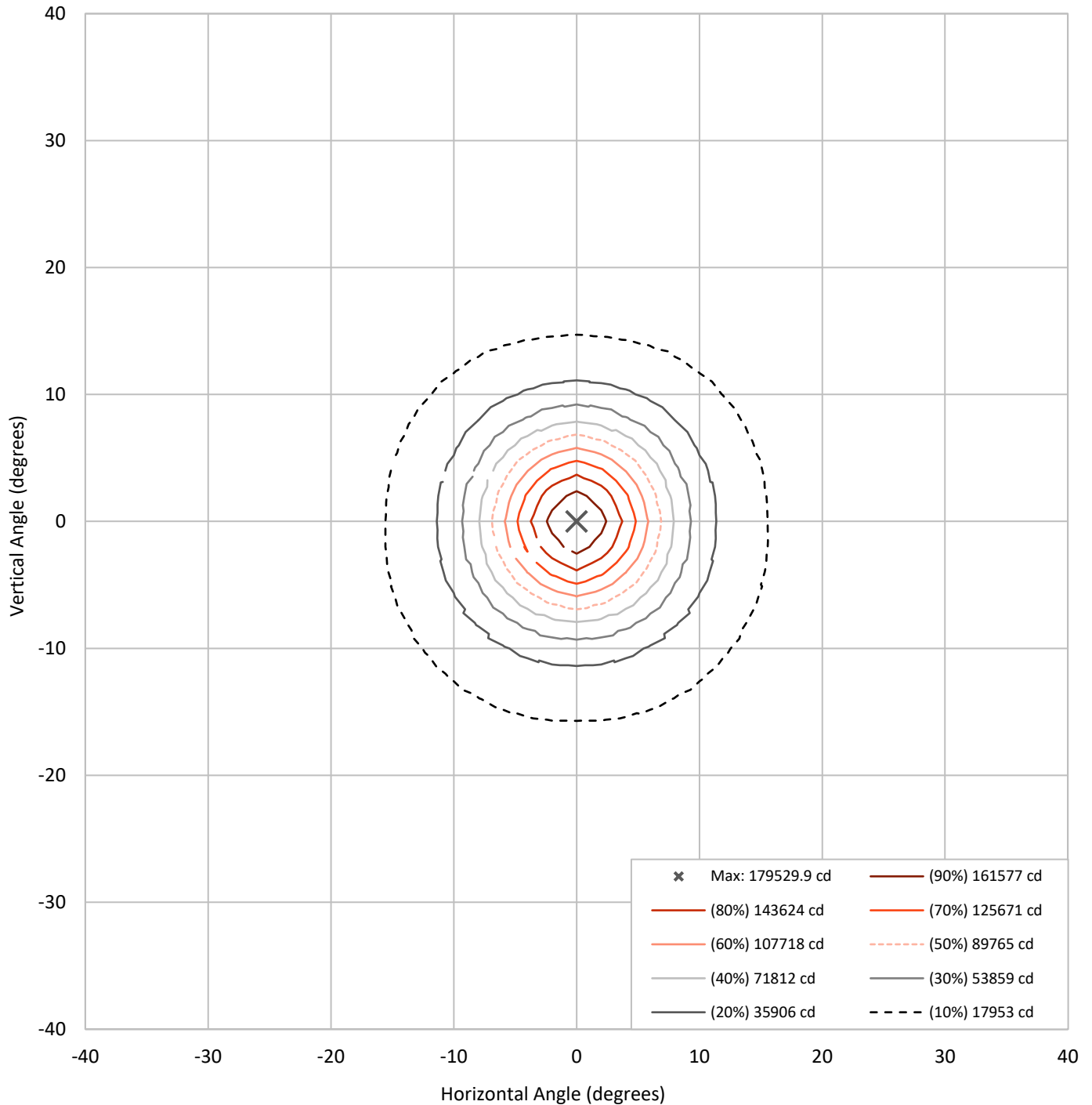
Summary

Lumens per Lamp:	N/A	NEMA Type:	3H x 3V
Luminaire Lumens:	17711 lumens	Max Intensity:	179529.9 candela
Efficiency:	N/A	Max Intensity Angle:	0°H x 0°V
Efficacy:	111.6 lumens/watt		
Luminous Opening:	Rectangular (W 1.5' x L: 1' x H: 0')		
Beam Angle (50%):	13.6°H x 13.6°V	Field Angle (10%):	30.9°H x 30.2°V
Beam Lumens:	5654.2 lumens	Field Lumens:	12593.6 lumens
Beam Efficiency:	31.9%	Field Efficiency:	71.1%
Input Watts (W):	158.7		
Input Voltage (V):	120		
Input Current (Ain):	NR		
Voltage Rise (V):	NR		
Power Factor:	NR		
Total Harmonic Distortion (THDi):	NR		
Frequency (hertz):	60		
Stabilization Time:	NR		
Operation Time:	NR		
Ambient Temperature (°C):	NR		
Test Distance:	25 FT		



REPORT NUMBER: P627548 (CONVERTED FROM TYPE C PHOTOMETRY)
CATALOG NUMBER: GFLD-SA5B-722-U-NR-VSR-XX

Iso-Candela Plot





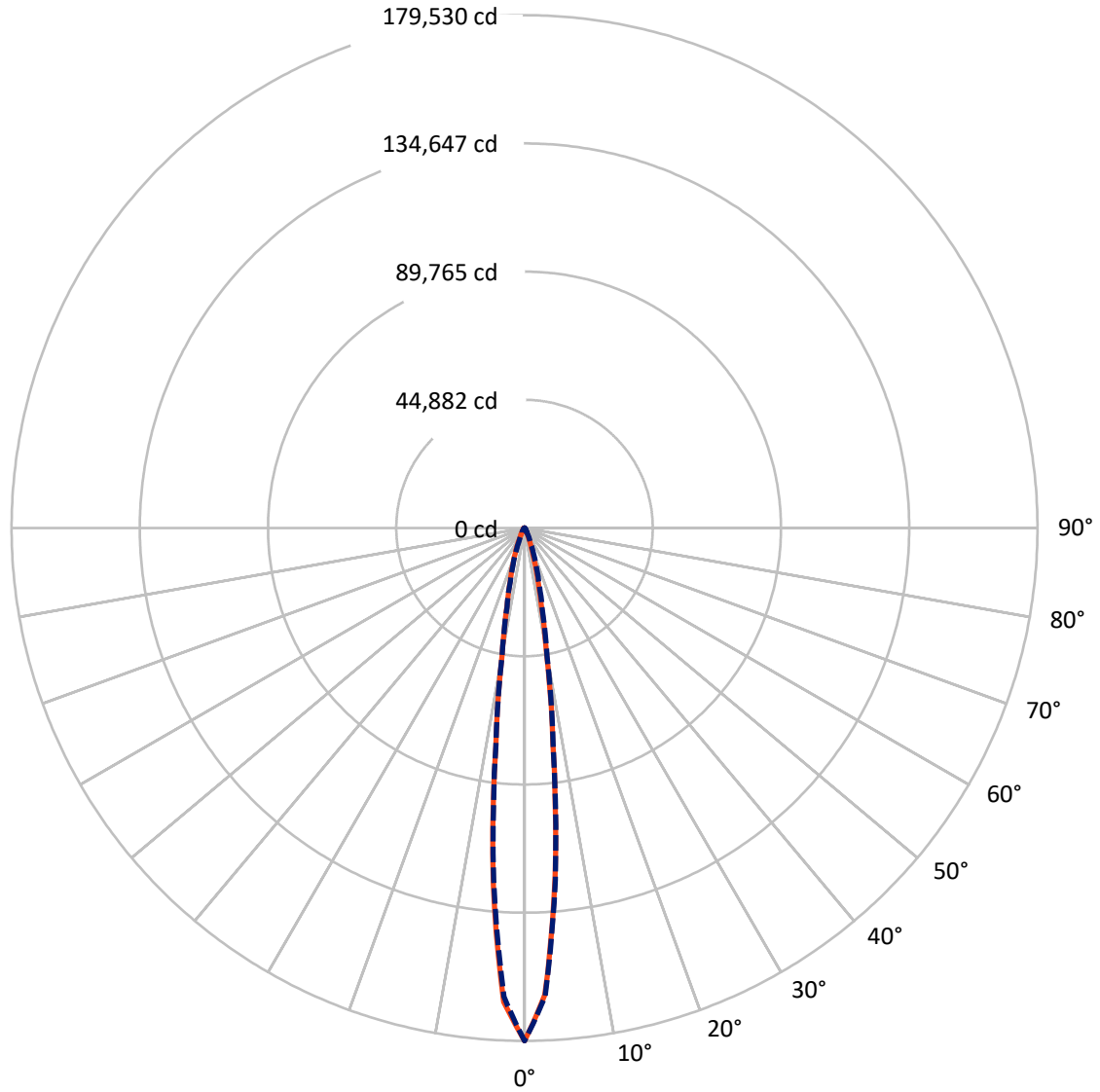
REPORT NUMBER: P627548 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA5B-722-U-NR-VSR-XX

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	0.1	0.0	0.0	0.0	0.0	0.1	0.1	0.1	0.1	0.1	0.1	0.0	0.0	0.0	0.0	0.1			
60		0.0	0.1	0.4	1.0	1.6	2.1	2.5	2.5	2.1	1.6	1.0	0.4	0.1	0.0				
50	0.1	0.1	0.5	1.5	2.9	4.3	6.0	7.0	7.0	6.0	4.3	2.9	1.5	0.5	0.1	0.1			
40		0.3	1.2	3.0	5.4	8.5	14.4	18.3	18.3	14.4	8.5	5.4	3.0	1.2	0.3				
30	0.2	0.5	2.0	4.6	8.3	18.0	48.1	79.7	79.7	48.1	18.0	8.3	4.6	2.0	0.5	0.2			
20		0.8	2.7	6.3	13.7	53.8	227.0	499.0	499.0	227.0	53.8	13.7	6.3	2.7	0.8				
10	0.3	1.0	3.3	7.4	18.6	101.1	544.0	2439.8	2439.8	544.0	101.1	18.6	7.4	3.3	1.0	0.3			
0		1.1	3.6	7.8	20.0	107.7	563.1	2481.2	2481.2	563.1	107.7	20.0	7.8	3.6	1.1				
-10	0.3	1.2	3.7	7.7	17.5	68.5	273.3	584.7	584.7	273.3	68.5	17.5	7.7	3.7	1.2	0.3			
-20		1.1	3.5	7.1	13.5	32.0	84.2	140.4	140.4	84.2	32.0	13.5	7.1	3.5	1.1				
-30	0.3	1.0	3.1	6.2	10.6	17.6	28.6	36.4	36.4	28.6	17.6	10.6	6.2	3.1	1.0	0.3			
-40		0.8	2.6	5.2	8.6	12.3	16.5	18.4	18.4	16.5	12.3	8.6	5.2	2.6	0.8				
-50	0.2	0.6	1.9	4.1	6.7	9.4	11.9	13.0	13.0	11.9	9.4	6.7	4.1	1.9	0.6	0.2			
-60		0.4	1.2	2.6	4.5	6.6	8.3	9.1	9.1	8.3	6.6	4.5	2.6	1.2	0.4				
-70	0.1	0.4	1.2	2.6	4.5	6.6	8.3	9.1	9.1	8.3	6.6	4.5	2.6	1.2	0.4	0.1			
-80		0.1	1.1	4.5	9.8	12.4	9.8	4.5	1.1	0.1									
-90	0.1	1.1	4.5	9.8	12.4	9.8	4.5	1.1	0.1										
	-90	-80	-70	-60	-50	-40	-30	-20	-10	0	10	20	30	40	50	60	70	80	90

REPORT NUMBER: P627548 (CONVERTED FROM TYPE C PHOTOMETRY)
CATALOG NUMBER: GFLD-SA5B-722-U-NR-VSR-XX

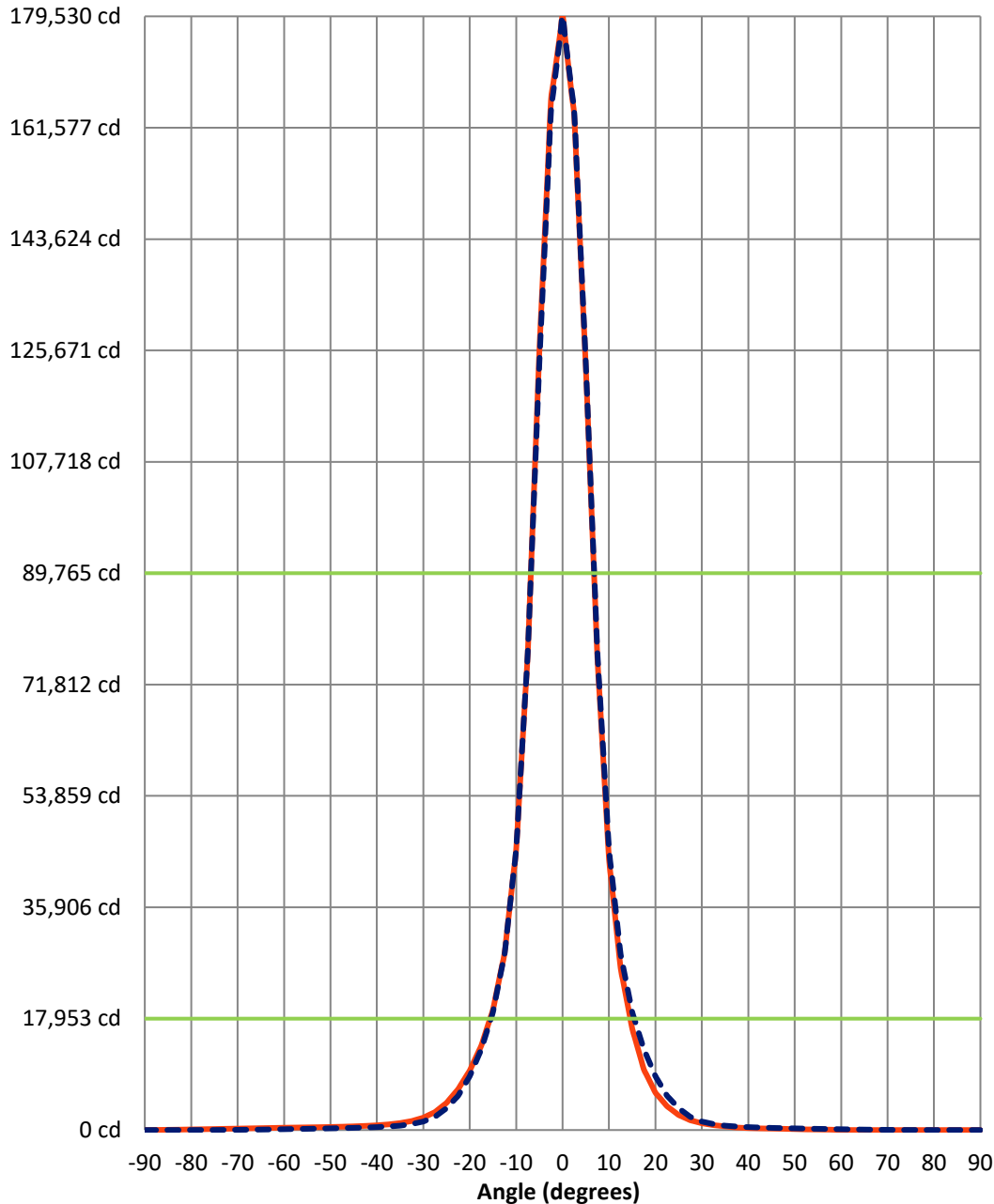
Luminous Intensity Polar Plot



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

REPORT NUMBER: P627548 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA5B-722-U-NR-VSR-XX

Luminous Intensity Plot



Beam:
 H Angle: 13.6°
 V Angle: 13.6°
 Lumens: 5654.2
 Efficiency: 31.9%

Field:
 H Angle: 30.9°
 V Angle: 30.2°
 Lumens: 12593.6
 Efficiency: 71.1%

Spill:
 Lumens: 5117.3
 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: P627548 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA5B-722-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	0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
82.5°	0.0	0.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
80°	0.0	0.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
77.5°	0.0	0.4	0.0	0.0	0.0	0.1	0.0	0.0	0.0	0.0	0.0
75°	0.0	0.5	0.1	0.0	0.1	0.3	0.1	0.0	0.1	0.3	0.1
72.5°	0.0	0.6	0.1	0.0	0.4	0.6	0.2	0.2	0.8	0.8	0.4
70°	0.0	0.7	0.2	0.1	0.8	0.9	0.4	1.2	1.6	1.4	0.5
67.5°	0.0	0.8	0.2	0.4	1.1	1.2	1.3	2.1	2.4	1.5	0.6
65°	0.0	0.9	0.3	0.8	1.5	1.6	2.2	3.2	2.6	1.7	1.1
62.5°	0.0	1.0	0.4	1.2	1.9	2.2	3.0	3.6	2.7	2.0	2.4
60°	0.0	1.1	0.5	1.6	2.4	2.7	3.7	3.7	2.9	2.7	3.5
57.5°	0.0	1.2	0.8	2.0	2.7	3.1	3.8	3.8	3.2	3.4	3.8
55°	0.0	1.3	1.1	2.4	2.9	3.5	3.8	3.8	3.5	3.8	3.8
52.5°	0.0	1.4	1.4	2.8	3.2	3.8	3.8	3.8	3.7	3.8	3.8
50°	0.0	1.5	1.7	3.2	3.4	3.8	3.8	3.8	3.8	3.8	4.4
47.5°	0.0	1.6	2.0	3.6	3.5	3.8	3.8	3.8	3.8	3.8	5.3
45°	0.0	1.7	2.2	3.7	3.7	3.8	3.8	3.8	3.9	4.7	6.3
42.5°	0.0	1.9	2.4	3.8	3.8	3.8	3.8	3.9	4.2	5.8	8.4
40°	0.0	2.0	2.7	3.8	3.8	3.8	3.8	4.2	4.8	7.0	10.8
37.5°	0.0	2.1	2.8	3.8	3.8	3.8	3.8	4.6	6.2	8.8	13.4
35°	0.0	2.2	3.0	3.8	3.8	3.8	3.8	5.1	7.6	11.2	16.4
32.5°	0.0	2.3	3.2	3.8	3.8	3.8	3.9	5.6	9.0	13.5	20.3
30°	0.0	2.5	3.3	3.8	3.8	3.8	4.3	6.3	10.6	15.7	24.6
27.5°	0.0	2.6	3.4	3.8	3.8	3.8	4.7	7.5	12.2	17.9	29.2
25°	0.0	2.7	3.5	3.8	3.8	3.8	5.2	8.8	14.0	21.1	34.1
22.5°	0.0	2.8	3.6	3.8	3.8	3.9	5.7	10.0	15.8	24.9	39.9
20°	0.0	3.0	3.6	3.8	3.8	4.2	6.1	11.2	17.4	28.8	45.3
17.5°	0.0	3.1	3.7	3.8	3.8	4.5	6.8	12.4	18.9	32.7	50.2
15°	0.0	3.2	3.7	3.8	3.8	4.9	7.6	13.6	20.4	36.5	54.6
12.5°	0.0	3.3	3.8	3.8	3.8	5.3	8.3	14.7	22.3	40.3	58.6
10°	0.0	3.4	3.8	3.8	3.8	5.8	9.0	15.8	24.7	43.8	62.1
7.5°	0.0	3.5	3.8	3.8	3.8	6.2	9.7	16.7	27.2	46.8	65.2
5°	0.0	3.6	3.8	3.8	3.8	6.7	10.3	17.6	29.7	49.3	67.9
2.5°	0.0	3.7	3.8	3.8	3.8	7.2	10.9	18.3	32.0	51.4	70.2
0°	0.0	3.8	3.8	3.8	3.8	7.6	11.4	19.0	34.2	53.2	72.2
-2.5°	0.0	3.8	3.8	3.8	4.1	8.0	12.4	20.1	36.1	54.6	74.7
-5°	0.0	3.8	3.8	3.8	4.5	8.4	13.3	21.2	37.8	55.7	76.7
-7.5°	0.0	3.8	3.8	3.8	4.8	8.7	14.2	22.1	39.2	56.6	78.2
-10°	0.0	3.7	3.8	3.8	5.1	9.0	14.9	22.9	40.2	57.2	79.1
-12.5°	0.0	3.7	3.8	3.8	5.3	9.2	15.5	23.6	40.8	57.7	80.6
-15°	0.0	3.7	3.8	3.8	5.5	9.4	16.0	24.2	40.9	58.9	82.0
-17.5°	0.0	3.6	3.8	3.8	5.7	9.6	16.3	24.8	40.7	59.5	82.6
-20°	0.0	3.6	3.8	3.8	5.8	9.7	16.6	25.3	40.1	59.5	82.5

Classified

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

Scaled Data Report



REPORT NUMBER: P627548 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA5B-722-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	3.5	3.8	3.8	5.8	9.8	16.8	25.6	39.2	58.8	81.5
-25°	0.0	3.4	3.8	3.8	5.8	10.1	16.9	25.7	38.0	57.4	79.7
-27.5°	0.0	3.4	3.8	3.8	5.7	10.3	16.9	25.7	36.4	55.5	78.0
-30°	0.0	3.3	3.8	3.8	5.6	10.5	16.8	25.4	35.7	53.4	75.4
-32.5°	0.0	3.2	3.8	3.8	5.6	10.6	16.6	25.1	35.2	51.0	71.8
-35°	0.0	3.1	3.8	3.8	5.5	10.6	16.5	24.7	34.5	48.3	67.3
-37.5°	0.0	3.0	3.8	3.8	5.4	10.4	16.5	24.3	33.5	45.3	64.7
-40°	0.0	2.9	3.8	3.8	5.2	10.2	16.3	23.7	32.2	43.4	62.3
-42.5°	0.0	2.8	3.8	3.8	5.1	9.9	15.9	23.0	31.2	42.5	59.3
-45°	0.0	2.7	3.8	3.9	5.3	9.5	15.4	22.3	30.3	41.2	56.1
-47.5°	0.0	2.6	3.8	4.0	5.4	9.0	14.8	21.6	29.3	39.4	53.9
-50°	0.0	2.4	3.8	4.1	5.4	8.4	14.1	20.6	28.1	37.9	51.1
-52.5°	0.0	2.3	3.8	4.1	5.4	7.7	13.2	19.5	26.7	35.8	47.8
-55°	0.0	2.2	3.8	4.1	5.4	7.5	12.1	18.2	25.1	33.1	44.3
-57.5°	0.0	2.0	3.8	4.1	5.3	7.4	11.0	16.8	23.3	30.7	40.2
-60°	0.0	1.9	3.8	4.1	5.2	7.1	9.8	15.1	21.3	28.3	36.0
-62.5°	0.0	1.8	3.5	4.0	5.0	6.8	9.4	13.4	19.1	25.6	32.7
-65°	0.0	1.6	3.2	4.0	4.9	6.5	8.8	11.8	16.7	22.7	29.2
-67.5°	0.0	1.5	2.9	3.9	4.6	6.0	8.1	10.8	14.2	19.5	25.5
-70°	0.0	1.3	2.6	3.8	4.4	5.6	7.4	9.8	12.7	16.2	21.5
-72.5°	0.0	1.1	2.3	3.4	4.1	5.1	6.6	8.6	11.1	14.1	17.6
-75°	0.0	1.0	2.0	2.9	3.9	4.6	5.7	7.5	9.4	11.9	14.9
-77.5°	0.0	0.8	1.6	2.5	3.3	4.0	4.8	6.5	8.2	9.9	11.9
-80°	0.0	0.7	1.3	2.0	2.6	3.3	3.9	5.4	7.0	8.5	10.1
-82.5°	0.0	0.5	1.0	1.5	2.0	2.5	2.9	4.2	5.7	7.1	8.5
-85°	0.0	0.3	0.7	1.0	1.3	1.6	2.0	2.8	3.9	5.1	6.4
-87.5°	0.0	0.2	0.3	0.5	0.7	0.8	1.0	1.4	1.9	2.5	3.2
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



REPORT NUMBER: P627548 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA5B-722-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	0.4	0.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0
67.5°	0.3	1.1	1.3	0.8	0.0	0.0	0.0	0.2	0.0	0.0	0.0
65°	1.9	2.5	1.9	1.0	0.1	0.9	1.3	1.0	0.1	0.0	0.0
62.5°	3.5	3.0	2.1	1.6	2.2	2.9	2.2	1.3	0.4	1.8	2.7
60°	3.8	3.2	2.7	3.0	3.8	3.4	2.5	3.7	5.6	7.0	8.5
57.5°	3.8	3.5	3.4	4.1	4.3	4.3	6.7	8.9	12.6	15.7	17.8
55°	3.9	3.8	4.3	5.1	6.4	9.1	12.4	17.5	21.6	27.8	33.2
52.5°	4.3	4.3	5.8	7.8	11.5	15.7	21.6	28.8	36.9	43.0	49.5
50°	4.9	6.3	8.1	13.0	18.1	24.7	34.4	44.9	51.7	58.6	67.9
47.5°	6.8	8.6	13.4	19.1	26.4	36.9	50.3	57.8	64.6	75.4	86.9
45°	9.1	12.9	18.8	26.7	36.8	51.5	62.0	68.2	79.9	92.4	105.6
42.5°	11.6	17.8	25.8	34.1	50.1	64.1	73.6	83.4	95.2	109.8	124.1
40°	15.8	22.7	33.5	46.6	62.8	76.5	88.4	99.6	111.3	130.4	145.5
37.5°	20.0	30.1	42.3	58.5	75.4	90.3	103.6	117.7	134.4	155.9	169.5
35°	24.1	37.7	52.7	69.9	87.9	104.7	120.7	137.2	158.8	179.1	195.4
32.5°	29.9	45.5	62.4	81.0	99.5	118.6	138.0	157.7	178.9	199.8	221.1
30°	37.1	53.8	71.6	91.6	110.2	132.3	154.8	175.7	197.0	219.0	243.1
27.5°	44.3	61.6	80.9	101.0	120.5	145.7	170.0	191.8	213.7	237.3	264.8
25°	51.1	69.5	89.6	109.5	132.4	159.4	185.9	211.2	229.7	256.6	288.8
22.5°	57.5	77.2	98.7	117.0	143.8	173.1	204.0	231.2	253.1	277.2	313.7
20°	63.9	85.1	107.3	127.8	155.2	186.8	223.5	251.5	278.7	309.7	346.9
17.5°	70.0	92.4	115.8	140.1	169.1	201.7	243.4	271.9	304.4	341.5	388.5
15°	75.8	99.2	124.3	151.6	181.5	216.7	256.9	292.5	331.4	374.2	429.7
12.5°	81.1	105.5	132.7	162.3	192.5	229.6	268.2	306.1	350.8	406.8	476.6
10°	86.1	111.1	140.8	172.0	202.1	240.5	278.2	317.6	364.8	426.3	506.3
7.5°	90.2	116.8	148.5	180.8	210.3	249.5	286.8	327.1	376.5	442.5	526.2
5°	93.6	122.7	155.6	186.5	217.2	257.2	294.1	334.6	385.9	455.1	540.4
2.5°	96.5	128.2	161.9	190.7	223.1	264.3	299.8	343.0	395.3	464.8	553.8
0°	98.8	133.0	167.2	193.8	228.0	269.8	304.0	349.6	402.8	471.2	566.2
-2.5°	103.4	137.0	170.4	197.4	233.2	270.7	306.8	350.5	405.6	476.1	568.5
-5°	107.3	140.1	172.7	200.1	237.2	270.6	307.9	349.7	406.6	479.0	572.6
-7.5°	110.3	142.6	174.2	202.3	239.3	271.9	309.6	352.5	409.6	481.5	578.0
-10°	112.2	144.4	175.5	205.0	239.8	273.2	310.3	353.1	409.1	479.9	575.1
-12.5°	113.2	145.4	176.1	206.5	239.7	273.0	309.4	351.4	404.9	473.9	563.3
-15°	113.5	145.8	176.0	206.6	239.1	271.4	307.0	347.4	397.3	463.7	544.9
-17.5°	113.2	145.6	175.3	205.4	238.2	268.3	303.2	342.0	389.7	451.7	529.9
-20°	112.2	144.8	174.0	202.6	236.9	265.4	299.4	336.9	381.8	438.0	507.9

Classified

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

Scaled Data Report



REPORT NUMBER: P627548 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA5B-722-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°	110.6	143.4	172.1	199.9	232.7	262.7	294.5	330.3	370.4	421.3	483.4
-25°	108.8	140.8	169.7	197.7	227.9	258.6	288.2	322.3	359.2	408.0	463.9
-27.5°	106.3	137.5	166.4	194.8	222.9	253.0	282.0	314.1	350.7	393.8	443.7
-30°	102.8	132.9	161.7	190.7	218.4	246.8	274.8	305.4	339.8	380.4	426.6
-32.5°	98.4	127.7	156.0	184.6	213.4	240.5	266.8	296.3	328.6	364.2	408.1
-35°	93.9	122.1	149.7	177.0	207.4	233.4	258.8	285.8	315.9	349.0	384.8
-37.5°	89.7	116.1	143.0	168.8	197.6	224.7	249.4	275.1	302.9	333.3	365.7
-40°	85.1	109.8	136.0	161.1	186.4	214.1	238.7	263.5	289.2	319.6	348.5
-42.5°	80.4	104.4	128.7	153.3	177.4	202.1	226.8	250.5	277.6	306.5	334.8
-45°	76.5	98.7	121.3	145.2	168.9	191.3	214.4	236.6	264.1	293.0	320.7
-47.5°	71.9	92.9	114.8	136.5	159.8	182.2	202.9	225.3	248.8	276.0	305.1
-50°	67.1	87.1	107.2	127.6	149.7	172.1	193.2	213.9	236.0	258.4	283.5
-52.5°	63.0	80.5	99.1	117.9	138.8	160.7	182.0	202.7	223.0	244.1	265.5
-55°	58.2	74.2	90.7	108.2	126.6	147.5	168.6	188.9	209.6	229.3	250.2
-57.5°	52.9	67.2	82.3	98.7	115.4	132.6	153.0	173.2	192.7	212.5	234.2
-60°	46.9	59.7	73.3	88.5	104.7	120.4	137.0	155.7	174.5	193.4	213.3
-62.5°	40.6	51.7	64.0	77.3	92.2	107.6	122.8	138.7	155.6	172.0	189.3
-65°	36.5	44.3	54.6	66.4	78.6	92.5	106.8	121.5	136.4	150.3	163.6
-67.5°	32.0	39.1	46.7	55.4	66.5	78.2	89.6	102.8	116.1	128.9	141.4
-70°	27.3	33.6	40.3	47.6	55.5	65.0	75.7	86.3	96.5	107.2	118.8
-72.5°	22.4	27.8	33.7	40.0	46.7	54.2	62.5	71.5	80.6	89.5	98.5
-75°	18.4	22.0	26.8	32.1	37.9	43.8	49.8	56.9	64.6	72.4	80.0
-77.5°	15.1	18.4	21.7	25.0	29.1	34.6	39.9	45.1	50.5	56.4	62.7
-80°	12.3	14.9	17.9	20.9	23.7	27.0	30.7	34.8	38.6	42.5	46.8
-82.5°	10.3	12.2	14.4	16.7	18.4	20.1	22.1	24.5	27.0	29.6	32.3
-85°	7.9	9.5	10.9	12.5	13.2	14.1	15.0	16.1	17.7	19.3	20.9
-87.5°	3.9	4.7	5.6	6.5	6.9	7.3	7.7	8.1	9.1	10.2	11.3
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



REPORT NUMBER: P627548 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA5B-722-U-NR-VSR-XX

CANDELA DISTRIBUTION (continued):

	-35°	-32.5°	-30°	-27.5°	-25°	-22.5°	-20°	-17.5°	-15°	-12.5°	-10°
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
87.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
85°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
82.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
80°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
77.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
75°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
72.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
70°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
67.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
65°	0.2	0.0	0.0	0.0	0.0	0.7	0.9	0.8	0.4	0.0	0.0
62.5°	2.2	1.8	2.9	3.9	4.3	4.2	3.9	3.5	2.9	2.7	3.1
60°	9.1	8.9	12.5	14.2	12.9	9.1	14.3	16.9	16.2	13.9	13.8
57.5°	22.3	27.1	30.6	32.1	37.1	45.3	46.8	44.1	43.2	44.0	50.9
55°	38.7	42.5	44.5	51.4	57.5	62.0	64.6	67.2	71.1	75.9	80.8
52.5°	54.7	60.0	64.0	70.2	77.6	80.1	79.4	88.8	96.2	100.8	102.8
50°	75.1	81.7	91.1	100.8	105.0	109.1	113.4	121.1	132.4	146.4	154.4
47.5°	97.1	107.5	117.4	128.5	134.1	138.4	144.9	158.3	174.3	189.4	197.3
45°	116.8	126.2	137.5	147.1	154.0	162.4	171.7	183.8	201.8	217.5	228.4
42.5°	132.8	143.2	154.9	166.5	173.5	184.8	199.0	215.5	234.3	250.7	262.8
40°	155.1	163.9	182.5	193.5	196.3	206.8	235.3	257.8	279.0	299.2	309.3
37.5°	182.0	199.3	218.6	228.6	238.4	257.0	295.1	331.6	358.6	385.9	400.8
35°	212.6	235.4	261.7	273.4	294.4	335.1	379.8	430.6	493.7	520.2	544.3
32.5°	242.3	267.8	292.1	318.5	355.2	403.8	454.2	536.5	613.3	672.8	716.3
30°	268.7	295.7	325.8	359.8	411.5	478.5	562.7	669.1	777.5	872.0	952.0
27.5°	294.8	325.5	361.3	412.0	484.8	575.8	710.0	862.0	1042.8	1176.0	1335.1
25°	323.4	358.5	404.5	477.9	576.1	712.2	926.8	1173.5	1470.1	1710.5	1962.1
22.5°	357.2	409.1	467.3	549.2	720.8	945.0	1238.2	1659.9	2116.0	2537.8	2943.9
20°	398.0	469.0	562.5	713.2	933.6	1265.0	1774.4	2447.4	3118.2	3832.7	4520.5
17.5°	456.3	558.6	703.9	918.4	1208.8	1864.5	2691.0	3731.8	5069.0	6280.8	7338.8
15°	511.1	633.2	862.7	1183.4	1689.8	2558.8	3814.3	5532.1	7616.1	9515.3	11521.3
12.5°	568.5	712.7	976.2	1384.6	2088.3	3219.7	4983.9	7337.7	9947.2	12809.6	16069.9
10°	613.9	789.1	1104.6	1622.3	2489.9	3898.7	6000.2	8854.8	12322.4	16558.5	21770.4
7.5°	644.7	850.3	1210.6	1796.4	2859.5	4593.1	7122.9	10554.1	14889.1	20501.1	27794.0
5°	668.6	897.0	1290.4	1955.1	3172.2	5123.1	7954.7	12042.1	17170.3	24689.3	37048.7
2.5°	687.9	932.8	1339.7	2064.4	3368.5	5492.2	8512.7	12883.9	18528.2	27785.7	43820.4
0°	703.0	965.2	1371.8	2131.8	3518.9	5529.1	8686.9	13038.0	19015.5	28344.6	45277.7
-2.5°	709.4	982.5	1382.9	2146.6	3503.8	5592.5	8740.1	13161.0	18997.2	28038.4	43650.1
-5°	720.1	982.2	1374.5	2131.5	3425.3	5428.7	8393.0	12472.4	17851.1	25626.9	38417.3
-7.5°	727.8	966.6	1334.7	2034.9	3219.6	5074.5	7783.1	11331.5	15765.2	21669.2	29590.6
-10°	720.7	936.5	1268.4	1872.9	2899.9	4506.3	6855.6	9825.3	13510.1	17885.5	23267.5
-12.5°	693.6	881.0	1160.1	1646.0	2485.8	3869.8	5922.5	8451.0	11178.3	14251.1	17970.2
-15°	659.3	821.2	1062.6	1490.3	2178.9	3239.0	4737.6	6788.8	8976.7	11309.7	13797.6
-17.5°	632.6	768.6	968.5	1278.2	1784.6	2627.5	3805.2	5262.4	6870.1	8646.4	10120.8
-20°	596.5	703.9	871.8	1124.6	1511.0	2069.5	2927.2	3985.8	5046.8	6295.7	7314.1

Classified

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

Scaled Data Report



REPORT NUMBER: P627548 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA5B-722-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°	560.3	653.9	781.6	966.6	1254.1	1676.1	2206.0	2912.8	3688.7	4405.6	5111.2
-25°	526.7	598.8	702.1	853.9	1048.9	1336.8	1714.0	2119.5	2630.9	3067.2	3551.5
-27.5°	499.5	561.4	637.6	748.9	900.2	1085.4	1355.5	1627.2	1896.2	2116.4	2449.8
-30°	473.2	523.0	586.8	666.1	779.6	922.3	1097.6	1273.9	1429.1	1570.7	1744.3
-32.5°	447.4	488.0	536.8	602.7	684.1	791.4	899.2	1025.5	1133.4	1232.9	1325.0
-35°	421.5	457.6	494.9	550.4	615.3	691.6	769.9	855.5	930.2	997.2	1056.5
-37.5°	398.2	429.9	464.9	506.3	558.6	616.0	679.9	742.1	791.4	835.0	870.9
-40°	378.5	407.3	437.3	470.4	510.2	555.5	609.8	661.6	696.2	722.8	744.6
-42.5°	360.9	386.3	411.8	439.9	470.5	509.7	552.6	595.3	618.8	639.4	655.1
-45°	346.8	366.3	387.7	411.7	438.8	471.6	505.4	534.9	555.7	573.5	586.6
-47.5°	328.1	346.9	365.5	385.3	410.5	437.9	465.7	488.5	506.7	522.1	532.2
-50°	307.5	327.3	344.3	361.8	385.0	408.2	430.6	449.4	466.8	481.9	489.8
-52.5°	286.3	307.5	325.4	342.3	361.8	382.0	402.3	418.4	433.6	447.8	453.8
-55°	270.9	290.5	309.0	324.9	341.0	357.2	373.7	390.4	405.4	418.9	422.9
-57.5°	254.4	274.3	292.5	306.9	321.4	336.0	351.1	366.2	380.7	393.6	396.9
-60°	234.2	255.7	272.0	285.5	299.6	314.0	327.2	340.6	354.1	365.4	369.1
-62.5°	208.5	228.1	244.2	258.4	272.0	284.6	297.4	309.9	322.1	331.0	334.0
-65°	177.7	194.4	210.9	225.9	239.3	251.4	263.2	274.7	285.7	293.6	297.5
-67.5°	153.4	165.5	178.7	191.6	205.1	217.5	228.2	238.3	247.7	254.4	258.6
-70°	130.0	141.5	153.9	166.2	177.9	188.0	196.5	204.8	212.9	218.8	223.2
-72.5°	107.6	117.3	127.7	138.5	149.2	158.4	166.2	173.6	180.5	185.6	189.7
-75°	87.4	95.4	104.2	112.9	121.6	128.8	135.4	141.7	147.9	152.4	156.1
-77.5°	69.4	76.1	83.0	89.8	96.7	101.9	106.7	111.4	116.0	119.5	122.7
-80°	51.4	56.7	62.2	67.6	73.1	77.1	80.7	84.1	87.4	89.4	91.3
-82.5°	35.1	38.8	42.7	46.5	50.4	53.3	56.2	59.0	61.8	62.8	63.5
-85°	22.4	24.3	26.3	28.4	30.6	32.2	33.8	35.3	36.7	38.0	39.2
-87.5°	12.4	12.8	13.2	13.5	13.8	14.9	16.1	17.2	18.3	18.5	18.7
-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: P627548 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA5B-722-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	0.4	0.8
62.5°	3.4	3.6	3.8	3.8	3.8	3.6	3.4	3.1	2.7	2.9	3.5
60°	13.0	11.6	11.3	11.4	11.3	11.6	13.0	13.8	13.9	16.2	16.9
57.5°	57.8	64.3	66.1	64.6	66.1	64.3	57.8	50.9	44.0	43.2	44.1
55°	84.2	86.2	87.1	87.4	87.1	86.2	84.2	80.8	75.9	71.1	67.2
52.5°	103.2	102.5	102.3	102.6	102.3	102.5	103.2	102.8	100.8	96.2	88.8
50°	155.1	152.2	151.1	152.0	151.1	152.2	155.1	154.4	146.4	132.4	121.1
47.5°	198.2	199.1	200.4	201.4	200.4	199.1	198.2	197.3	189.4	174.3	158.3
45°	231.4	233.5	234.9	235.6	234.9	233.5	231.4	228.4	217.5	201.8	183.8
42.5°	265.4	265.7	265.3	266.0	265.3	265.7	265.4	262.8	250.7	234.3	215.5
40°	313.3	314.4	313.3	311.6	313.3	314.4	313.3	309.3	299.2	279.0	257.8
37.5°	409.5	410.9	406.4	402.8	406.4	410.9	409.5	400.8	385.9	358.6	331.6
35°	566.3	582.6	590.3	592.8	590.3	582.6	566.3	544.3	520.2	493.7	430.6
32.5°	746.4	769.0	780.4	790.4	780.4	769.0	746.4	716.3	672.8	613.3	536.5
30°	1004.5	1046.2	1064.5	1090.6	1064.5	1046.2	1004.5	952.0	872.0	777.5	669.1
27.5°	1425.5	1498.8	1539.3	1577.0	1539.3	1498.8	1425.5	1335.1	1176.0	1042.8	862.0
25°	2145.0	2286.1	2377.5	2420.6	2377.5	2286.1	2145.0	1962.1	1710.5	1470.1	1173.5
22.5°	3336.9	3597.2	3797.9	3838.1	3797.9	3597.2	3336.9	2943.9	2537.8	2116.0	1659.9
20°	5187.8	5560.1	5863.0	6015.5	5863.0	5560.1	5187.8	4520.5	3832.7	3118.2	2447.4
17.5°	8598.9	9373.4	9727.0	9785.1	9727.0	9373.4	8598.9	7338.8	6280.8	5069.0	3731.8
15°	13673.7	14984.1	15816.0	16351.6	15816.0	14984.1	13673.7	11521.3	9515.3	7616.1	5532.1
12.5°	19463.8	23187.4	25306.2	26114.0	25306.2	23187.4	19463.8	16069.9	12809.6	9947.2	7337.7
10°	27322.3	36088.2	41144.8	43689.3	41144.8	36088.2	27322.3	21770.4	16558.5	12322.4	8854.8
7.5°	40660.1	54199.2	69199.9	76139.9	69199.9	54199.2	40660.1	27794.0	20501.1	14889.1	10554.1
5°	54681.3	84407.6	110498.6	122992.7	110498.6	84407.6	54681.3	37048.7	24689.3	17170.3	12042.1
2.5°	70796.5	110885.2	147950.4	163535.5	147950.4	110885.2	70796.5	43820.4	27785.7	18528.2	12883.9
0°	76998.7	123695.7	164232.8	179529.9	164232.8	123695.7	76998.7	45277.7	28344.6	19015.5	13038.0
-2.5°	71755.4	112827.3	148587.2	166066.3	148587.2	112827.3	71755.4	43650.1	28038.4	18997.2	13161.0
-5°	57013.3	84872.8	111356.5	125599.5	111356.5	84872.8	57013.3	38417.3	25626.9	17851.1	12472.4
-7.5°	41844.2	57010.7	71718.7	76861.9	71718.7	57010.7	41844.2	29590.6	21669.2	15765.2	11331.5
-10°	29132.7	37817.6	43550.5	45186.5	43550.5	37817.6	29132.7	23267.5	17885.5	13510.1	9825.3
-12.5°	21599.0	25397.7	28040.8	28500.4	28040.8	25397.7	21599.0	17970.2	14251.1	11178.3	8451.0
-15°	15993.5	17925.3	19288.5	19380.3	19288.5	17925.3	15993.5	13797.6	11309.7	8976.7	6788.8
-17.5°	11691.4	12988.1	13676.0	13627.0	13676.0	12988.1	11691.4	10120.8	8646.4	6870.1	5262.4
-20°	8360.0	9141.6	9696.0	9587.5	9696.0	9141.6	8360.0	7314.1	6295.7	5046.8	3985.8



REPORT NUMBER: P627548 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA5B-722-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°	5829.2	6348.0	6672.9	6589.3	6672.9	6348.0	5829.2	5111.2	4405.6	3688.7	2912.8
-25°	3960.8	4243.6	4404.5	4377.7	4404.5	4243.6	3960.8	3551.5	3067.2	2630.9	2119.5
-27.5°	2699.0	2848.4	2898.2	2895.6	2898.2	2848.4	2699.0	2449.8	2116.4	1896.2	1627.2
-30°	1873.4	1973.7	2031.1	1995.0	2031.1	1973.7	1873.4	1744.3	1570.7	1429.1	1273.9
-32.5°	1396.3	1452.8	1485.6	1451.6	1485.6	1452.8	1396.3	1325.0	1232.9	1133.4	1025.5
-35°	1100.4	1129.0	1140.5	1121.0	1140.5	1129.0	1100.4	1056.5	997.2	930.2	855.5
-37.5°	897.1	913.9	919.6	908.2	919.6	913.9	897.1	870.9	835.0	791.4	742.1
-40°	760.2	770.5	773.0	763.8	773.0	770.5	760.2	744.6	722.8	696.2	661.6
-42.5°	665.1	671.3	672.7	668.8	672.7	671.3	665.1	655.1	639.4	618.8	595.3
-45°	594.4	599.7	600.7	596.6	600.7	599.7	594.4	586.6	573.5	555.7	534.9
-47.5°	537.2	540.4	541.3	539.6	541.3	540.4	537.2	532.2	522.1	506.7	488.5
-50°	493.4	495.6	495.8	494.0	495.8	495.6	493.4	489.8	481.9	466.8	449.4
-52.5°	456.7	458.2	459.3	459.8	459.3	458.2	456.7	453.8	447.8	433.6	418.4
-55°	425.8	427.8	429.0	429.4	429.0	427.8	425.8	422.9	418.9	405.4	390.4
-57.5°	399.5	401.3	402.4	402.8	402.4	401.3	399.5	396.9	393.6	380.7	366.2
-60°	372.1	374.3	375.7	376.2	375.7	374.3	372.1	369.1	365.4	354.1	340.6
-62.5°	335.9	336.9	337.8	338.2	337.8	336.9	335.9	334.0	331.0	322.1	309.9
-65°	300.4	302.4	303.6	304.0	303.6	302.4	300.4	297.5	293.6	285.7	274.7
-67.5°	261.9	264.6	267.4	269.8	267.4	264.6	261.9	258.6	254.4	247.7	238.3
-70°	227.1	230.5	231.5	231.8	231.5	230.5	227.1	223.2	218.8	212.9	204.8
-72.5°	193.3	196.5	199.2	201.4	199.2	196.5	193.3	189.7	185.6	180.5	173.6
-75°	159.5	162.5	163.2	163.4	163.2	162.5	159.5	156.1	152.4	147.9	141.7
-77.5°	125.7	128.4	129.0	129.2	129.0	128.4	125.7	122.7	119.5	116.0	111.4
-80°	93.0	94.5	96.7	98.8	96.7	94.5	93.0	91.3	89.4	87.4	84.1
-82.5°	64.0	64.3	64.5	64.6	64.5	64.3	64.0	63.5	62.8	61.8	59.0
-85°	40.5	41.6	41.8	41.8	41.8	41.6	40.5	39.2	38.0	36.7	35.3
-87.5°	18.8	18.9	19.0	19.0	19.0	18.9	18.8	18.7	18.5	18.3	17.2
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



REPORT NUMBER: P627548 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA5B-722-U-NR-VSR-XX

CANDELA DISTRIBUTION (continued):

	20°	22.5°	25°	27.5°	30°	32.5°	35°	37.5°	40°	42.5°	45°
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
87.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
85°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
82.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
80°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
77.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
75°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
72.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
70°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
67.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.2
65°	0.9	0.7	0.0	0.0	0.0	0.0	0.2	0.0	0.0	0.1	1.0
62.5°	3.9	4.2	4.3	3.9	2.9	1.8	2.2	2.7	1.8	0.4	1.3
60°	14.3	9.1	12.9	14.2	12.5	8.9	9.1	8.5	7.0	5.6	3.7
57.5°	46.8	45.3	37.1	32.1	30.6	27.1	22.3	17.8	15.7	12.6	8.9
55°	64.6	62.0	57.5	51.4	44.5	42.5	38.7	33.2	27.8	21.6	17.5
52.5°	79.4	80.1	77.6	70.2	64.0	60.0	54.7	49.5	43.0	36.9	28.8
50°	113.4	109.1	105.0	100.8	91.1	81.7	75.1	67.9	58.6	51.7	44.9
47.5°	144.9	138.4	134.1	128.5	117.4	107.5	97.1	86.9	75.4	64.6	57.8
45°	171.7	162.4	154.0	147.1	137.5	126.2	116.8	105.6	92.4	79.9	68.2
42.5°	199.0	184.8	173.5	166.5	154.9	143.2	132.8	124.1	109.8	95.2	83.4
40°	235.3	206.8	196.3	193.5	182.5	163.9	155.1	145.5	130.4	111.3	99.6
37.5°	295.1	257.0	238.4	228.6	218.6	199.3	182.0	169.5	155.9	134.4	117.7
35°	379.8	335.1	294.4	273.4	261.7	235.4	212.6	195.4	179.1	158.8	137.2
32.5°	454.2	403.8	355.2	318.5	292.1	267.8	242.3	221.1	199.8	178.9	157.7
30°	562.7	478.5	411.5	359.8	325.8	295.7	268.7	243.1	219.0	197.0	175.7
27.5°	710.0	575.8	484.8	412.0	361.3	325.5	294.8	264.8	237.3	213.7	191.8
25°	926.8	712.2	576.1	477.9	404.5	358.5	323.4	288.8	256.6	229.7	211.2
22.5°	1238.2	945.0	720.8	549.2	467.3	409.1	357.2	313.7	277.2	253.1	231.2
20°	1774.4	1265.0	933.6	713.2	562.5	469.0	398.0	346.9	309.7	278.7	251.5
17.5°	2691.0	1864.5	1208.8	918.4	703.9	558.6	456.3	388.5	341.5	304.4	271.9
15°	3814.3	2558.8	1689.8	1183.4	862.7	633.2	511.1	429.7	374.2	331.4	292.5
12.5°	4983.9	3219.7	2088.3	1384.6	976.2	712.7	568.5	476.6	406.8	350.8	306.1
10°	6000.2	3898.7	2489.9	1622.3	1104.6	789.1	613.9	506.3	426.3	364.8	317.6
7.5°	7122.9	4593.1	2859.5	1796.4	1210.6	850.3	644.7	526.2	442.5	376.5	327.1
5°	7954.7	5123.1	3172.2	1955.1	1290.4	897.0	668.6	540.4	455.1	385.9	334.6
2.5°	8512.7	5492.2	3368.5	2064.4	1339.7	932.8	687.9	553.8	464.8	395.3	343.0
0°	8686.9	5529.1	3518.9	2131.8	1371.8	965.2	703.0	566.2	471.2	402.8	349.6
-2.5°	8740.1	5592.5	3503.8	2146.6	1382.9	982.5	709.4	568.5	476.1	405.6	350.5
-5°	8393.0	5428.7	3425.3	2131.5	1374.5	982.2	720.1	572.6	479.0	406.6	349.7
-7.5°	7783.1	5074.5	3219.6	2034.9	1334.7	966.6	727.8	578.0	481.5	409.6	352.5
-10°	6855.6	4506.3	2899.9	1872.9	1268.4	936.5	720.7	575.1	479.9	409.1	353.1
-12.5°	5922.5	3869.8	2485.8	1646.0	1160.1	881.0	693.6	563.3	473.9	404.9	351.4
-15°	4737.6	3239.0	2178.9	1490.3	1062.6	821.2	659.3	544.9	463.7	397.3	347.4
-17.5°	3805.2	2627.5	1784.6	1278.2	968.5	768.6	632.6	529.9	451.7	389.7	342.0
-20°	2927.2	2069.5	1511.0	1124.6	871.8	703.9	596.5	507.9	438.0	381.8	336.9

Classified

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

Scaled Data Report



REPORT NUMBER: P627548 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA5B-722-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°	2206.0	1676.1	1254.1	966.6	781.6	653.9	560.3	483.4	421.3	370.4	330.3
-25°	1714.0	1336.8	1048.9	853.9	702.1	598.8	526.7	463.9	408.0	359.2	322.3
-27.5°	1355.5	1085.4	900.2	748.9	637.6	561.4	499.5	443.7	393.8	350.7	314.1
-30°	1097.6	922.3	779.6	666.1	586.8	523.0	473.2	426.6	380.4	339.8	305.4
-32.5°	899.2	791.4	684.1	602.7	536.8	488.0	447.4	408.1	364.2	328.6	296.3
-35°	769.9	691.6	615.3	550.4	494.9	457.6	421.5	384.8	349.0	315.9	285.8
-37.5°	679.9	616.0	558.6	506.3	464.9	429.9	398.2	365.7	333.3	302.9	275.1
-40°	609.8	555.5	510.2	470.4	437.3	407.3	378.5	348.5	319.6	289.2	263.5
-42.5°	552.6	509.7	470.5	439.9	411.8	386.3	360.9	334.8	306.5	277.6	250.5
-45°	505.4	471.6	438.8	411.7	387.7	366.3	346.8	320.7	293.0	264.1	236.6
-47.5°	465.7	437.9	410.5	385.3	365.5	346.9	328.1	305.1	276.0	248.8	225.3
-50°	430.6	408.2	385.0	361.8	344.3	327.3	307.5	283.5	258.4	236.0	213.9
-52.5°	402.3	382.0	361.8	342.3	325.4	307.5	286.3	265.5	244.1	223.0	202.7
-55°	373.7	357.2	341.0	324.9	309.0	290.5	270.9	250.2	229.3	209.6	188.9
-57.5°	351.1	336.0	321.4	306.9	292.5	274.3	254.4	234.2	212.5	192.7	173.2
-60°	327.2	314.0	299.6	285.5	272.0	255.7	234.2	213.3	193.4	174.5	155.7
-62.5°	297.4	284.6	272.0	258.4	244.2	228.1	208.5	189.3	172.0	155.6	138.7
-65°	263.2	251.4	239.3	225.9	210.9	194.4	177.7	163.6	150.3	136.4	121.5
-67.5°	228.2	217.5	205.1	191.6	178.7	165.5	153.4	141.4	128.9	116.1	102.8
-70°	196.5	188.0	177.9	166.2	153.9	141.5	130.0	118.8	107.2	96.5	86.3
-72.5°	166.2	158.4	149.2	138.5	127.7	117.3	107.6	98.5	89.5	80.6	71.5
-75°	135.4	128.8	121.6	112.9	104.2	95.4	87.4	80.0	72.4	64.6	56.9
-77.5°	106.7	101.9	96.7	89.8	83.0	76.1	69.4	62.7	56.4	50.5	45.1
-80°	80.7	77.1	73.1	67.6	62.2	56.7	51.4	46.8	42.5	38.6	34.8
-82.5°	56.2	53.3	50.4	46.5	42.7	38.8	35.1	32.3	29.6	27.0	24.5
-85°	33.8	32.2	30.6	28.4	26.3	24.3	22.4	20.9	19.3	17.7	16.1
-87.5°	16.1	14.9	13.8	13.5	13.2	12.8	12.4	11.3	10.2	9.1	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: P627548 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA5B-722-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	0.3	0.1	0.0
72.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.4	0.8	0.8	0.2
70°	0.0	0.0	0.0	0.3	0.4	0.0	0.0	0.5	1.4	1.6	1.2
67.5°	0.0	0.0	0.0	0.8	1.3	1.1	0.3	0.6	1.5	2.4	2.1
65°	1.3	0.9	0.1	1.0	1.9	2.5	1.9	1.1	1.7	2.6	3.2
62.5°	2.2	2.9	2.2	1.6	2.1	3.0	3.5	2.4	2.0	2.7	3.6
60°	2.5	3.4	3.8	3.0	2.7	3.2	3.8	3.5	2.7	2.9	3.7
57.5°	6.7	4.3	4.3	4.1	3.4	3.5	3.8	3.8	3.4	3.2	3.8
55°	12.4	9.1	6.4	5.1	4.3	3.8	3.9	3.8	3.8	3.5	3.8
52.5°	21.6	15.7	11.5	7.8	5.8	4.3	4.3	3.8	3.8	3.7	3.8
50°	34.4	24.7	18.1	13.0	8.1	6.3	4.9	4.4	3.8	3.8	3.8
47.5°	50.3	36.9	26.4	19.1	13.4	8.6	6.8	5.3	3.8	3.8	3.8
45°	62.0	51.5	36.8	26.7	18.8	12.9	9.1	6.3	4.7	3.9	3.8
42.5°	73.6	64.1	50.1	34.1	25.8	17.8	11.6	8.4	5.8	4.2	3.9
40°	88.4	76.5	62.8	46.6	33.5	22.7	15.8	10.8	7.0	4.8	4.2
37.5°	103.6	90.3	75.4	58.5	42.3	30.1	20.0	13.4	8.8	6.2	4.6
35°	120.7	104.7	87.9	69.9	52.7	37.7	24.1	16.4	11.2	7.6	5.1
32.5°	138.0	118.6	99.5	81.0	62.4	45.5	29.9	20.3	13.5	9.0	5.6
30°	154.8	132.3	110.2	91.6	71.6	53.8	37.1	24.6	15.7	10.6	6.3
27.5°	170.0	145.7	120.5	101.0	80.9	61.6	44.3	29.2	17.9	12.2	7.5
25°	185.9	159.4	132.4	109.5	89.6	69.5	51.1	34.1	21.1	14.0	8.8
22.5°	204.0	173.1	143.8	117.0	98.7	77.2	57.5	39.9	24.9	15.8	10.0
20°	223.5	186.8	155.2	127.8	107.3	85.1	63.9	45.3	28.8	17.4	11.2
17.5°	243.4	201.7	169.1	140.1	115.8	92.4	70.0	50.2	32.7	18.9	12.4
15°	256.9	216.7	181.5	151.6	124.3	99.2	75.8	54.6	36.5	20.4	13.6
12.5°	268.2	229.6	192.5	162.3	132.7	105.5	81.1	58.6	40.3	22.3	14.7
10°	278.2	240.5	202.1	172.0	140.8	111.1	86.1	62.1	43.8	24.7	15.8
7.5°	286.8	249.5	210.3	180.8	148.5	116.8	90.2	65.2	46.8	27.2	16.7
5°	294.1	257.2	217.2	186.5	155.6	122.7	93.6	67.9	49.3	29.7	17.6
2.5°	299.8	264.3	223.1	190.7	161.9	128.2	96.5	70.2	51.4	32.0	18.3
0°	304.0	269.8	228.0	193.8	167.2	133.0	98.8	72.2	53.2	34.2	19.0
-2.5°	306.8	270.7	233.2	197.4	170.4	137.0	103.4	74.7	54.6	36.1	20.1
-5°	307.9	270.6	237.2	200.1	172.7	140.1	107.3	76.7	55.7	37.8	21.2
-7.5°	309.6	271.9	239.3	202.3	174.2	142.6	110.3	78.2	56.6	39.2	22.1
-10°	310.3	273.2	239.8	205.0	175.5	144.4	112.2	79.1	57.2	40.2	22.9
-12.5°	309.4	273.0	239.7	206.5	176.1	145.4	113.2	80.6	57.7	40.8	23.6
-15°	307.0	271.4	239.1	206.6	176.0	145.8	113.5	82.0	58.9	40.9	24.2
-17.5°	303.2	268.3	238.2	205.4	175.3	145.6	113.2	82.6	59.5	40.7	24.8
-20°	299.4	265.4	236.9	202.6	174.0	144.8	112.2	82.5	59.5	40.1	25.3

Classified

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

Scaled Data Report



REPORT NUMBER: P627548 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA5B-722-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°	294.5	262.7	232.7	199.9	172.1	143.4	110.6	81.5	58.8	39.2	25.6
-25°	288.2	258.6	227.9	197.7	169.7	140.8	108.8	79.7	57.4	38.0	25.7
-27.5°	282.0	253.0	222.9	194.8	166.4	137.5	106.3	78.0	55.5	36.4	25.7
-30°	274.8	246.8	218.4	190.7	161.7	132.9	102.8	75.4	53.4	35.7	25.4
-32.5°	266.8	240.5	213.4	184.6	156.0	127.7	98.4	71.8	51.0	35.2	25.1
-35°	258.8	233.4	207.4	177.0	149.7	122.1	93.9	67.3	48.3	34.5	24.7
-37.5°	249.4	224.7	197.6	168.8	143.0	116.1	89.7	64.7	45.3	33.5	24.3
-40°	238.7	214.1	186.4	161.1	136.0	109.8	85.1	62.3	43.4	32.2	23.7
-42.5°	226.8	202.1	177.4	153.3	128.7	104.4	80.4	59.3	42.5	31.2	23.0
-45°	214.4	191.3	168.9	145.2	121.3	98.7	76.5	56.1	41.2	30.3	22.3
-47.5°	202.9	182.2	159.8	136.5	114.8	92.9	71.9	53.9	39.4	29.3	21.6
-50°	193.2	172.1	149.7	127.6	107.2	87.1	67.1	51.1	37.9	28.1	20.6
-52.5°	182.0	160.7	138.8	117.9	99.1	80.5	63.0	47.8	35.8	26.7	19.5
-55°	168.6	147.5	126.6	108.2	90.7	74.2	58.2	44.3	33.1	25.1	18.2
-57.5°	153.0	132.6	115.4	98.7	82.3	67.2	52.9	40.2	30.7	23.3	16.8
-60°	137.0	120.4	104.7	88.5	73.3	59.7	46.9	36.0	28.3	21.3	15.1
-62.5°	122.8	107.6	92.2	77.3	64.0	51.7	40.6	32.7	25.6	19.1	13.4
-65°	106.8	92.5	78.6	66.4	54.6	44.3	36.5	29.2	22.7	16.7	11.8
-67.5°	89.6	78.2	66.5	55.4	46.7	39.1	32.0	25.5	19.5	14.2	10.8
-70°	75.7	65.0	55.5	47.6	40.3	33.6	27.3	21.5	16.2	12.7	9.8
-72.5°	62.5	54.2	46.7	40.0	33.7	27.8	22.4	17.6	14.1	11.1	8.6
-75°	49.8	43.8	37.9	32.1	26.8	22.0	18.4	14.9	11.9	9.4	7.5
-77.5°	39.9	34.6	29.1	25.0	21.7	18.4	15.1	11.9	9.9	8.2	6.5
-80°	30.7	27.0	23.7	20.9	17.9	14.9	12.3	10.1	8.5	7.0	5.4
-82.5°	22.1	20.1	18.4	16.7	14.4	12.2	10.3	8.5	7.1	5.7	4.2
-85°	15.0	14.1	13.2	12.5	10.9	9.5	7.9	6.4	5.1	3.9	2.8
-87.5°	7.7	7.3	6.9	6.5	5.6	4.7	3.9	3.2	2.5	1.9	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

Classified

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

Scaled Data Report



REPORT NUMBER: P627548 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA5B-722-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	0.2	0.0
82.5°	0.0	0.0	0.0	0.0	0.0	0.3	0.0
80°	0.0	0.0	0.0	0.0	0.0	0.3	0.0
77.5°	0.0	0.1	0.0	0.0	0.0	0.4	0.0
75°	0.1	0.3	0.1	0.0	0.1	0.5	0.0
72.5°	0.2	0.6	0.4	0.0	0.1	0.6	0.0
70°	0.4	0.9	0.8	0.1	0.2	0.7	0.0
67.5°	1.3	1.2	1.1	0.4	0.2	0.8	0.0
65°	2.2	1.6	1.5	0.8	0.3	0.9	0.0
62.5°	3.0	2.2	1.9	1.2	0.4	1.0	0.0
60°	3.7	2.7	2.4	1.6	0.5	1.1	0.0
57.5°	3.8	3.1	2.7	2.0	0.8	1.2	0.0
55°	3.8	3.5	2.9	2.4	1.1	1.3	0.0
52.5°	3.8	3.8	3.2	2.8	1.4	1.4	0.0
50°	3.8	3.8	3.4	3.2	1.7	1.5	0.0
47.5°	3.8	3.8	3.5	3.6	2.0	1.6	0.0
45°	3.8	3.8	3.7	3.7	2.2	1.7	0.0
42.5°	3.8	3.8	3.8	3.8	2.4	1.9	0.0
40°	3.8	3.8	3.8	3.8	2.7	2.0	0.0
37.5°	3.8	3.8	3.8	3.8	2.8	2.1	0.0
35°	3.8	3.8	3.8	3.8	3.0	2.2	0.0
32.5°	3.9	3.8	3.8	3.8	3.2	2.3	0.0
30°	4.3	3.8	3.8	3.8	3.3	2.5	0.0
27.5°	4.7	3.8	3.8	3.8	3.4	2.6	0.0
25°	5.2	3.8	3.8	3.8	3.5	2.7	0.0
22.5°	5.7	3.9	3.8	3.8	3.6	2.8	0.0
20°	6.1	4.2	3.8	3.8	3.6	3.0	0.0
17.5°	6.8	4.5	3.8	3.8	3.7	3.1	0.0
15°	7.6	4.9	3.8	3.8	3.7	3.2	0.0
12.5°	8.3	5.3	3.8	3.8	3.8	3.3	0.0
10°	9.0	5.8	3.8	3.8	3.8	3.4	0.0
7.5°	9.7	6.2	3.8	3.8	3.8	3.5	0.0
5°	10.3	6.7	3.8	3.8	3.8	3.6	0.0
2.5°	10.9	7.2	3.8	3.8	3.8	3.7	0.0
0°	11.4	7.6	3.8	3.8	3.8	3.8	0.0
-2.5°	12.4	8.0	4.1	3.8	3.8	3.8	0.0
-5°	13.3	8.4	4.5	3.8	3.8	3.8	0.0
-7.5°	14.2	8.7	4.8	3.8	3.8	3.8	0.0
-10°	14.9	9.0	5.1	3.8	3.8	3.7	0.0
-12.5°	15.5	9.2	5.3	3.8	3.8	3.7	0.0
-15°	16.0	9.4	5.5	3.8	3.8	3.7	0.0
-17.5°	16.3	9.6	5.7	3.8	3.8	3.6	0.0
-20°	16.6	9.7	5.8	3.8	3.8	3.6	0.0

Classified

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

Scaled Data Report



REPORT NUMBER: P627548 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA5B-722-U-NR-VSR-XX

CANDELA DISTRIBUTION (continued):

	75°	77.5°	80°	82.5°	85°	87.5°	90°
-22.5°	16.8	9.8	5.8	3.8	3.8	3.5	0.0
-25°	16.9	10.1	5.8	3.8	3.8	3.4	0.0
-27.5°	16.9	10.3	5.7	3.8	3.8	3.4	0.0
-30°	16.8	10.5	5.6	3.8	3.8	3.3	0.0
-32.5°	16.6	10.6	5.6	3.8	3.8	3.2	0.0
-35°	16.5	10.6	5.5	3.8	3.8	3.1	0.0
-37.5°	16.5	10.4	5.4	3.8	3.8	3.0	0.0
-40°	16.3	10.2	5.2	3.8	3.8	2.9	0.0
-42.5°	15.9	9.9	5.1	3.8	3.8	2.8	0.0
-45°	15.4	9.5	5.3	3.9	3.8	2.7	0.0
-47.5°	14.8	9.0	5.4	4.0	3.8	2.6	0.0
-50°	14.1	8.4	5.4	4.1	3.8	2.4	0.0
-52.5°	13.2	7.7	5.4	4.1	3.8	2.3	0.0
-55°	12.1	7.5	5.4	4.1	3.8	2.2	0.0
-57.5°	11.0	7.4	5.3	4.1	3.8	2.0	0.0
-60°	9.8	7.1	5.2	4.1	3.8	1.9	0.0
-62.5°	9.4	6.8	5.0	4.0	3.5	1.8	0.0
-65°	8.8	6.5	4.9	4.0	3.2	1.6	0.0
-67.5°	8.1	6.0	4.6	3.9	2.9	1.5	0.0
-70°	7.4	5.6	4.4	3.8	2.6	1.3	0.0
-72.5°	6.6	5.1	4.1	3.4	2.3	1.1	0.0
-75°	5.7	4.6	3.9	2.9	2.0	1.0	0.0
-77.5°	4.8	4.0	3.3	2.5	1.6	0.8	0.0
-80°	3.9	3.3	2.6	2.0	1.3	0.7	0.0
-82.5°	2.9	2.5	2.0	1.5	1.0	0.5	0.0
-85°	2.0	1.6	1.3	1.0	0.7	0.3	0.0
-87.5°	1.0	0.8	0.7	0.5	0.3	0.2	0.0
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0

(END OF REPORT)