

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: P626570 (CONVERTED FROM TYPE C PHOTOMETRY)

Luminaire Tested: **GFLD-SA1A-740-U-VWR-VSR-XX**

Issue Date: 12/7/2022

Test Information

Test Method: LM-79-08
 Report Number: P626570 (CONVERTED FROM TYPE C PHOTOMETRY)
 TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G2-2210-813-18)
 Test Lab: COOPER LIGHTING SOLUTIONS
 Issue Date: 12/7/2022
 Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
 Product Line: MCGRAW-EDISON
 Catalog Number: GFLD-SA1A-740-U-VWR-VSR-XX
 Description: GALLEON FLOOD, ONE LIGHT SQAURE, VERY WIDE SYMMETRICAL ROUND N7 WITH VISOR
 Light Source: (16) 4000K CCT, 70 CRI LEDS
 Ballast/Driver: -

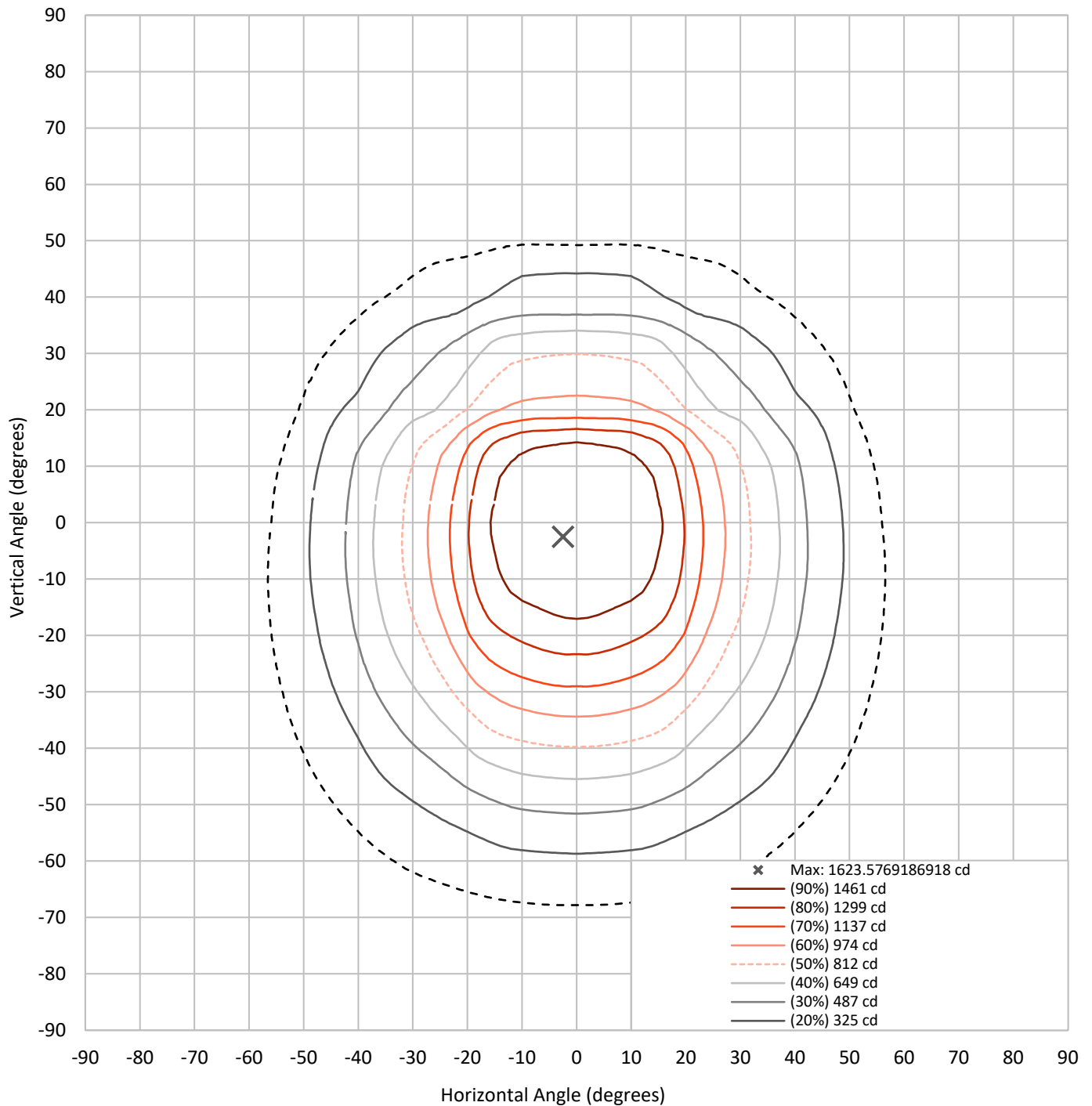
Summary

Lumens per Lamp:	N/A	NEMA Type:	6H x 6V
Luminaire Lumens:	2166.7 lumens	Max Intensity:	1623.6 candela
Efficiency:	N/A	Max Intensity Angle:	-2.5°H x -2.5°V
Efficacy:	119.7 lumens/watt		
Luminous Opening:	Rectangular (W 0.5' x L: 0.5' x H: 0')		
Beam Angle (50%):	63.9°H x 69.6°V	Field Angle (10%):	112.5°H x 117.1°V
Beam Lumens:	1253.6 lumens	Field Lumens:	2056 lumens
Beam Efficiency:	57.9%	Field Efficiency:	94.9%
Input Watts (W):	18.1		
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: P626570 (CONVERTED FROM TYPE C PHOTOMETRY)
CATALOG NUMBER: GFLD-SA1A-740-U-VWR-VSR-XX

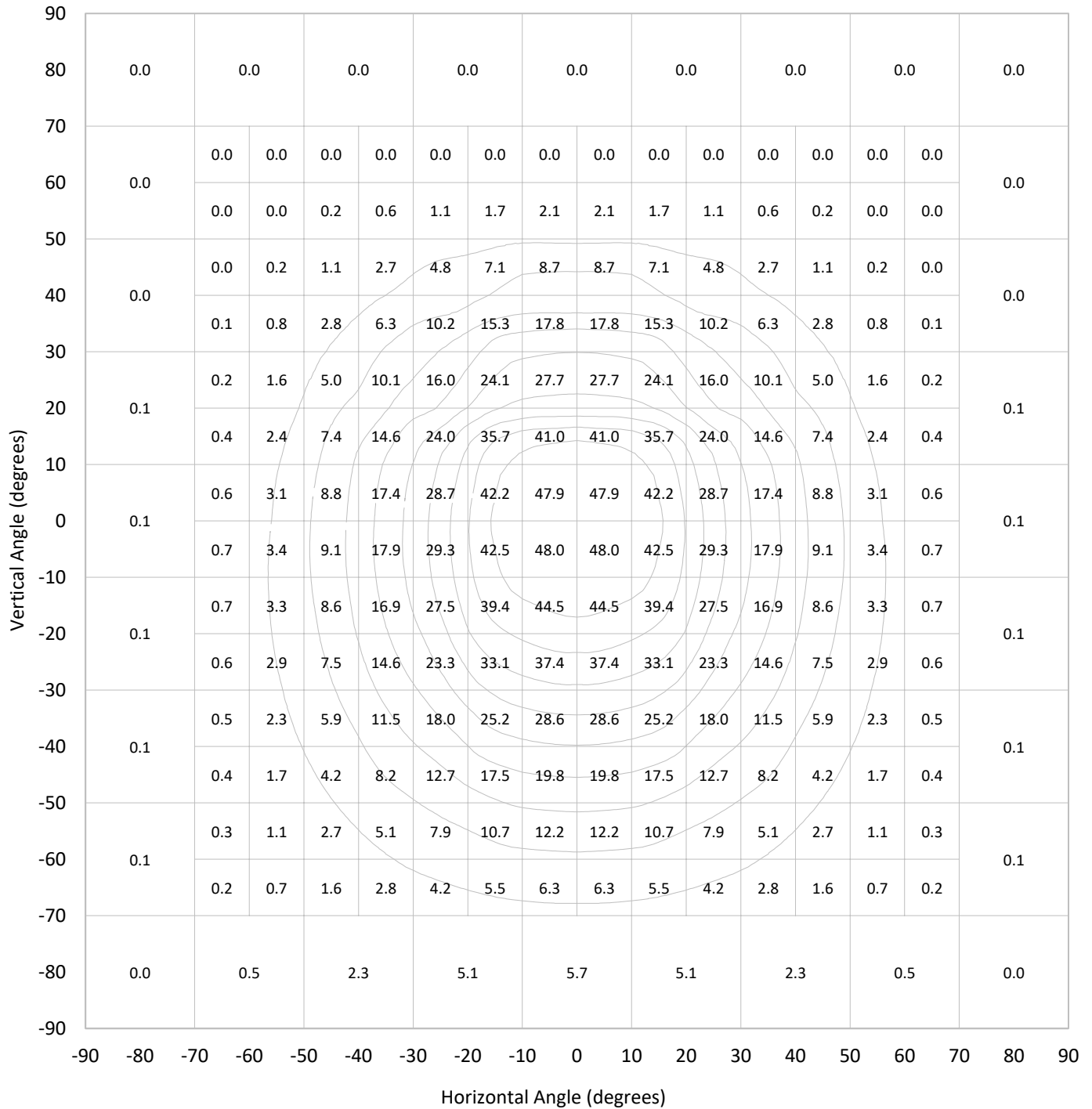
Iso-Candela Plot





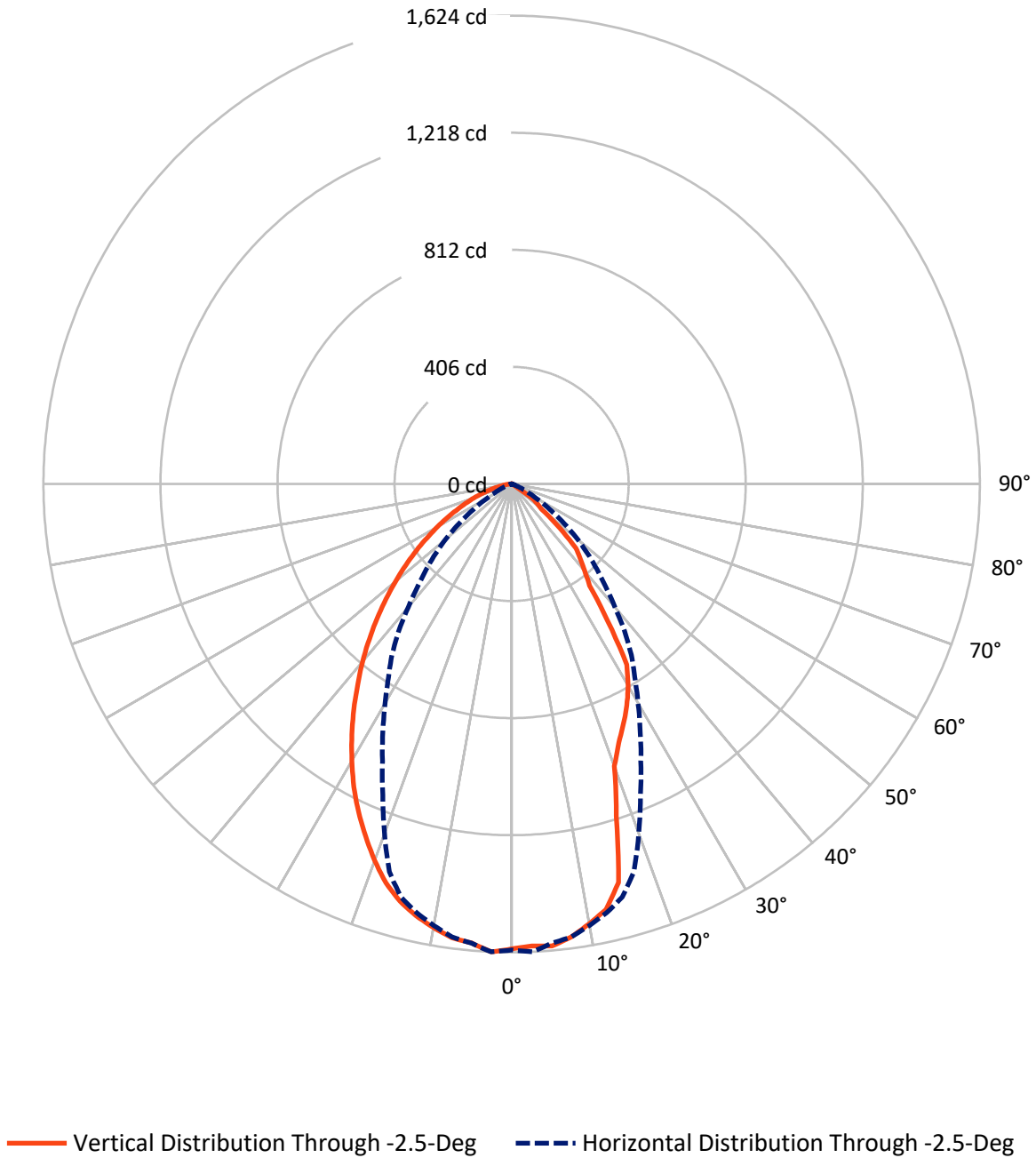
REPORT NUMBER: P626570 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA1A-740-U-VWR-VSR-XX

Lumen Table



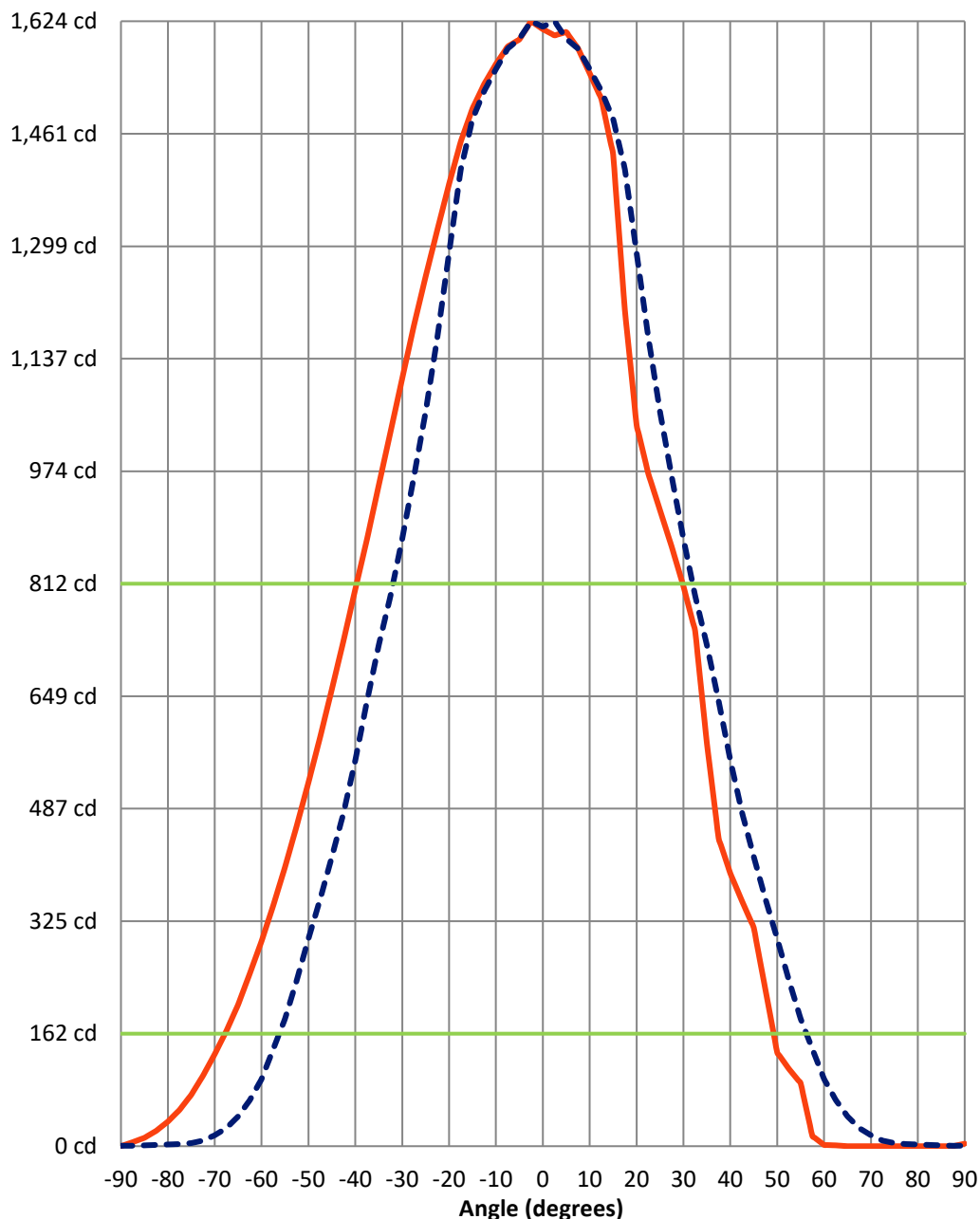
REPORT NUMBER: P626570 (CONVERTED FROM TYPE C PHOTOMETRY)
CATALOG NUMBER: GFLD-SA1A-740-U-VWR-VSR-XX

Luminous Intensity Polar Plot



REPORT NUMBER: P626570 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA1A-740-U-VWR-VSR-XX

Luminous Intensity Plot



Beam:
 H Angle: 63.9°
 V Angle: 69.6°
 Lumens: 1253.6
 Efficiency: 57.9%

Field:
 H Angle: 112.5°
 V Angle: 117.1°
 Lumens: 2056
 Efficiency: 94.9%

Spill:
 Lumens: 110.6
 Efficiency: 5.1%

— Vertical Distribution through -2.5-Deg
 - - - Horizontal Distribution through -2.5-Deg

Classified

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

Scaled Data Report



REPORT NUMBER: P626570 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA1A-740-U-VWR-VSR-XX

FIELD
BEAM

CANDELA DISTRIBUTION:

	-90°	-87.5°	-85°	-82.5°	-80°	-77.5°	-75°	-72.5°	-70°	-67.5°	-65°
90°	0.6	0.6	0.6	0.7	0.9	1.1	1.2	1.4	1.5	1.7	1.8
87.5°	0.6	0.6	0.6	0.6	0.5	0.5	0.4	0.3	0.2	0.1	0.0
85°	0.6	0.6	0.6	0.6	0.5	0.4	0.3	0.2	0.1	0.0	0.0
82.5°	0.6	0.6	0.6	0.5	0.4	0.3	0.1	0.0	0.0	0.1	0.2
80°	0.6	0.6	0.6	0.5	0.4	0.2	0.0	0.1	0.2	0.3	0.4
77.5°	0.6	0.6	0.6	0.5	0.4	0.2	0.2	0.3	0.4	0.5	0.5
75°	0.6	0.6	0.6	0.5	0.3	0.3	0.3	0.5	0.6	0.5	0.3
72.5°	0.6	0.6	0.6	0.5	0.4	0.4	0.5	0.6	0.5	0.3	0.1
70°	0.6	0.6	0.6	0.5	0.4	0.5	0.6	0.6	0.4	0.2	0.3
67.5°	0.6	0.6	0.6	0.5	0.5	0.6	0.6	0.6	0.4	0.5	0.5
65°	0.6	0.6	0.6	0.5	0.5	0.6	0.6	0.5	0.6	0.7	0.7
62.5°	0.6	0.6	0.6	0.5	0.6	0.7	0.7	0.7	0.8	0.9	0.8
60°	0.6	0.6	0.6	0.6	0.6	0.7	0.7	0.9	1.0	1.0	0.9
57.5°	0.6	0.6	0.6	0.6	0.7	0.8	0.9	1.0	1.2	1.2	1.2
55°	0.6	0.6	0.6	0.6	0.7	0.8	1.0	1.2	1.4	1.4	1.5
52.5°	0.6	0.6	0.6	0.6	0.8	0.9	1.2	1.4	1.6	1.7	1.7
50°	0.6	0.6	0.6	0.6	0.8	1.0	1.3	1.6	1.8	1.9	2.0
47.5°	0.6	0.6	0.7	0.6	0.9	1.2	1.4	1.7	2.0	2.2	2.3
45°	0.6	0.6	0.7	0.7	1.0	1.3	1.6	1.9	2.2	2.4	2.6
42.5°	0.6	0.6	0.7	0.7	1.1	1.4	1.7	2.1	2.4	2.7	3.1
40°	0.6	0.6	0.7	0.8	1.1	1.5	1.9	2.3	2.7	2.9	3.7
37.5°	0.6	0.6	0.7	0.9	1.2	1.6	2.0	2.5	2.9	3.3	4.4
35°	0.6	0.6	0.8	1.0	1.3	1.7	2.1	2.7	3.2	4.1	5.6
32.5°	0.6	0.6	0.8	1.0	1.4	1.8	2.3	2.9	3.5	5.0	8.0
30°	0.6	0.6	0.8	1.1	1.5	1.9	2.4	3.2	3.7	6.0	10.3
27.5°	0.6	0.6	0.8	1.2	1.6	2.0	2.6	3.4	4.2	7.1	12.6
25°	0.6	0.6	0.9	1.2	1.7	2.1	2.8	3.6	5.1	8.8	14.8
22.5°	0.6	0.6	0.9	1.3	1.8	2.2	3.0	3.9	6.1	10.6	17.7
20°	0.6	0.6	0.9	1.4	1.8	2.3	3.1	4.1	7.0	12.4	20.6
17.5°	0.6	0.6	1.0	1.4	1.9	2.4	3.3	4.3	8.0	14.0	23.4
15°	0.6	0.6	1.0	1.5	2.0	2.5	3.5	4.6	9.0	15.5	26.2
12.5°	0.6	0.6	1.0	1.6	2.1	2.6	3.6	5.1	10.1	16.9	28.9
10°	0.6	0.6	1.1	1.6	2.2	2.7	3.8	5.5	11.3	18.6	31.5
7.5°	0.6	0.6	1.1	1.7	2.2	2.8	3.9	6.0	12.4	20.2	34.3
5°	0.6	0.6	1.1	1.7	2.3	2.9	4.0	6.4	13.4	21.7	36.9
2.5°	0.6	0.6	1.2	1.8	2.3	2.9	4.1	6.9	14.4	23.0	39.2
0°	0.6	0.6	1.2	1.8	2.4	3.0	4.2	7.3	15.2	24.2	41.2
-2.5°	0.6	0.6	1.2	1.8	2.4	3.0	4.2	7.3	15.2	24.2	41.2
-5°	0.6	0.6	1.2	1.8	2.5	3.1	4.7	8.7	16.3	27.8	44.5
-7.5°	0.6	0.6	1.2	1.8	2.5	3.2	4.9	9.3	16.6	29.2	45.6
-10°	0.6	0.6	1.2	1.8	2.6	3.2	5.0	9.8	16.9	30.2	46.5
-12.5°	0.6	0.6	1.2	1.8	2.6	3.3	5.2	10.1	17.1	30.7	47.2
-15°	0.6	0.6	1.2	1.7	2.6	3.3	5.2	10.4	17.4	30.6	47.4
-17.5°	0.6	0.6	1.1	1.7	2.6	3.3	5.3	10.6	18.0	30.3	47.1
-20°	0.6	0.6	1.1	1.7	2.6	3.3	5.4	10.8	18.3	29.8	46.2

Classified

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

Scaled Data Report



REPORT NUMBER: P626570 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA1A-740-U-VWR-VSR-XX

CANDELA DISTRIBUTION (continued):

	-90°	-87.5°	-85°	-82.5°	-80°	-77.5°	-75°	-72.5°	-70°	-67.5°	-65°
-22.5°	0.6	0.6	1.1	1.7	2.5	3.4	5.7	10.9	18.4	29.0	44.8
-25°	0.6	0.6	1.1	1.6	2.5	3.6	6.0	10.9	18.4	28.0	42.7
-27.5°	0.6	0.6	1.1	1.6	2.4	3.9	6.2	10.7	18.1	27.1	41.1
-30°	0.6	0.6	1.0	1.6	2.4	4.1	6.4	10.4	17.8	26.7	39.4
-32.5°	0.6	0.6	1.0	1.5	2.5	4.3	6.4	10.4	17.4	26.0	37.5
-35°	0.6	0.6	1.0	1.5	2.5	4.5	6.6	10.5	16.8	25.1	35.3
-37.5°	0.6	0.6	1.0	1.4	2.6	4.6	6.8	10.4	16.0	23.8	34.3
-40°	0.6	0.6	0.9	1.4	2.6	4.6	6.9	10.3	15.1	22.7	33.2
-42.5°	0.6	0.6	0.9	1.3	2.6	4.6	7.0	10.0	14.5	21.8	31.6
-45°	0.6	0.6	0.8	1.4	2.6	4.6	6.9	9.8	14.1	20.6	29.5
-47.5°	0.6	0.6	0.8	1.3	2.6	4.5	6.8	9.7	13.6	19.2	27.9
-50°	0.6	0.6	0.8	1.3	2.6	4.4	6.7	9.5	13.2	18.7	26.0
-52.5°	0.6	0.6	0.7	1.3	2.5	4.3	6.5	9.1	12.8	18.0	23.9
-55°	0.6	0.6	0.7	1.3	2.4	4.1	6.3	8.7	12.4	17.2	22.9
-57.5°	0.6	0.6	0.6	1.2	2.2	3.9	6.0	8.4	11.9	16.4	21.7
-60°	0.6	0.6	0.6	1.2	2.1	3.6	5.7	8.0	11.1	15.3	20.3
-62.5°	0.6	0.6	0.6	1.1	2.0	3.3	5.2	7.4	10.2	14.2	18.8
-65°	0.6	0.6	0.6	1.0	1.8	2.9	4.7	6.7	9.1	12.6	17.0
-67.5°	0.6	0.6	0.6	1.0	1.7	2.6	4.1	5.9	7.8	10.7	14.6
-70°	0.6	0.6	0.6	0.9	1.5	2.4	3.5	5.0	6.7	8.6	11.8
-72.5°	0.6	0.6	0.6	0.8	1.4	2.1	3.1	4.1	5.5	7.1	9.0
-75°	0.6	0.6	0.6	0.8	1.2	1.9	2.7	3.4	4.2	5.6	7.1
-77.5°	0.6	0.6	0.6	0.8	1.1	1.6	2.3	2.9	3.5	4.2	5.2
-80°	0.6	0.6	0.6	0.8	1.1	1.4	1.8	2.3	2.8	3.4	4.0
-82.5°	0.6	0.6	0.6	0.8	1.0	1.3	1.7	1.9	2.1	2.6	3.0
-85°	0.6	0.6	0.6	0.8	1.0	1.2	1.5	1.7	1.9	2.1	2.3
-87.5°	0.6	0.6	0.6	0.8	1.0	1.1	1.4	1.5	1.7	1.9	2.1
-90°	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.4	0.3	0.1	0.0



REPORT NUMBER: P626570 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA1A-740-U-VWR-VSR-XX

CANDELA DISTRIBUTION (continued):

	-62.5°	-60°	-57.5°	-55°	-52.5°	-50°	-47.5°	-45°	-42.5°	-40°	-37.5°
90°	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8	2.0	2.1	2.3
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°	0.2	0.2	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
80°	0.4	0.3	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
77.5°	0.3	0.2	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
75°	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
72.5°	0.1	0.2	0.2	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0
70°	0.3	0.4	0.2	0.1	0.0	0.0	0.1	0.1	0.0	0.0	0.1
67.5°	0.6	0.4	0.3	0.2	0.2	0.3	0.3	0.3	0.3	0.4	0.3
65°	0.6	0.4	0.4	0.5	0.6	0.6	0.7	0.7	0.6	0.5	0.6
62.5°	0.6	0.7	0.8	0.9	1.0	1.0	1.0	0.9	0.7	0.9	1.0
60°	0.9	1.0	1.1	1.2	1.3	1.4	1.3	1.4	1.5	1.8	3.4
57.5°	1.2	1.3	1.4	1.6	1.8	1.8	1.9	2.0	4.8	7.8	8.7
55°	1.5	1.6	1.8	2.1	2.3	2.3	3.3	7.0	10.6	14.7	16.2
52.5°	1.8	2.0	2.4	2.7	3.0	4.7	8.4	13.4	18.7	23.4	29.4
50°	2.1	2.6	3.0	3.5	5.7	10.1	15.5	22.4	30.3	37.8	45.5
47.5°	2.7	3.2	3.9	5.6	11.2	17.3	24.9	35.9	45.7	54.7	65.2
45°	3.3	4.4	5.2	11.2	17.7	25.5	38.3	51.7	60.6	72.8	91.3
42.5°	4.0	6.2	10.0	16.9	24.8	37.4	53.3	64.7	76.6	96.2	115.8
40°	5.7	8.3	15.1	23.3	33.3	51.7	68.0	81.0	97.2	118.9	139.3
37.5°	7.8	12.7	20.3	30.1	46.7	66.8	84.3	102.8	121.4	141.9	179.7
35°	10.2	16.7	26.9	40.1	60.0	83.6	104.5	125.1	146.5	186.9	224.5
32.5°	13.3	20.5	33.8	51.7	74.5	100.4	124.5	148.4	182.7	228.5	266.2
30°	16.6	26.5	41.7	62.5	88.1	115.7	144.8	173.7	219.1	256.9	297.9
27.5°	20.1	32.8	51.0	73.7	100.8	130.1	163.0	204.2	244.7	282.1	327.1
25°	23.6	39.4	59.5	84.4	113.3	145.8	183.6	233.8	265.5	306.8	353.7
22.5°	28.2	45.8	67.9	94.2	124.9	161.9	210.0	260.5	297.8	332.6	378.4
20°	33.5	52.9	77.0	106.4	136.3	177.6	236.4	289.4	333.3	373.1	415.2
17.5°	38.5	59.6	86.8	118.9	152.9	197.7	262.2	320.9	369.2	413.5	466.1
15°	43.1	65.7	96.4	130.7	169.1	220.7	285.3	349.9	405.0	454.9	514.5
12.5°	47.3	71.3	105.6	141.7	184.5	240.6	304.8	367.8	428.3	493.3	561.1
10°	51.0	76.4	114.4	151.9	198.6	257.3	320.9	382.7	443.8	512.6	587.9
7.5°	55.1	81.1	122.3	161.2	211.5	271.2	333.7	394.7	456.3	528.0	605.3
5°	58.8	85.5	128.6	167.8	221.5	282.1	343.4	403.8	465.8	539.5	618.5
2.5°	62.0	89.1	133.7	173.0	228.9	290.1	349.6	411.4	472.9	548.9	628.6
0°	64.8	92.1	137.6	177.0	234.5	295.8	353.3	416.4	477.0	555.2	635.2
-2.5°	66.6	97.0	140.3	184.0	239.4	299.5	356.6	417.8	481.4	557.2	642.6
-5°	67.8	100.9	141.9	189.3	242.6	301.2	357.7	416.7	482.6	556.6	643.7
-7.5°	68.6	103.7	142.7	192.4	243.8	300.2	355.9	414.6	480.7	554.7	638.9
-10°	69.0	104.6	143.7	191.5	242.3	296.9	351.8	409.8	475.2	548.5	629.7
-12.5°	70.2	104.0	143.5	189.4	239.1	292.0	345.7	402.2	466.0	538.0	617.1
-15°	70.4	102.7	141.8	186.4	234.2	285.6	337.7	391.7	454.7	527.7	603.1
-17.5°	69.8	100.9	138.4	182.6	227.7	277.8	328.3	382.3	444.1	515.8	588.4
-20°	68.2	98.4	133.3	178.1	219.9	269.1	319.0	372.4	431.9	499.3	572.0



REPORT NUMBER: P626570 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA1A-740-U-VWR-VSR-XX

CANDELA DISTRIBUTION (continued):

	-62.5°	-60°	-57.5°	-55°	-52.5°	-50°	-47.5°	-45°	-42.5°	-40°	-37.5°
-22.5°	65.5	95.5	127.8	171.7	213.3	259.2	308.0	359.0	416.6	477.9	549.9
-25°	62.8	92.1	123.5	163.1	205.2	247.6	295.3	342.5	398.7	458.9	522.8
-27.5°	60.2	87.5	119.0	153.6	195.8	235.2	281.0	327.1	378.5	437.5	496.3
-30°	56.8	82.4	113.5	144.4	184.4	223.6	265.1	310.4	356.7	412.7	470.6
-32.5°	53.8	77.2	107.3	137.5	172.2	210.5	247.9	291.1	336.3	384.0	441.2
-35°	51.8	74.1	100.7	129.4	159.8	196.2	231.8	269.3	313.1	357.9	408.1
-37.5°	50.2	70.6	93.7	121.1	150.0	181.1	214.6	249.1	287.2	332.4	379.6
-40°	47.6	66.6	88.5	113.1	138.6	166.9	197.9	229.2	262.3	306.4	352.9
-42.5°	44.3	62.7	83.7	104.4	127.7	153.6	181.1	210.6	242.4	280.7	323.5
-45°	41.8	57.7	78.3	96.8	116.1	139.8	165.7	192.3	222.3	255.2	293.6
-47.5°	38.6	52.4	71.2	88.5	105.5	125.7	149.4	174.6	201.2	230.8	262.4
-50°	35.1	47.9	62.5	79.4	95.6	112.4	132.6	156.0	180.1	205.9	234.0
-52.5°	32.5	42.6	56.0	70.1	85.5	100.8	117.9	137.9	159.5	181.0	205.8
-55°	29.6	38.7	49.8	62.4	75.6	89.7	105.3	122.8	140.4	160.2	179.9
-57.5°	27.5	35.0	44.6	55.5	67.4	79.4	94.1	108.9	125.1	141.6	157.9
-60°	25.9	31.8	39.7	49.4	59.9	71.1	83.2	96.9	110.9	124.3	138.4
-62.5°	24.0	29.2	35.4	43.3	52.8	62.5	73.2	84.9	97.6	108.8	119.8
-65°	21.7	26.1	31.4	37.8	45.4	53.6	62.7	72.5	83.5	92.6	101.6
-67.5°	18.9	22.7	27.1	32.3	38.6	45.0	51.7	60.1	69.0	76.4	83.7
-70°	15.5	18.9	22.6	26.8	31.7	37.2	43.0	49.1	55.2	61.3	68.0
-72.5°	11.8	15.0	18.1	21.1	25.0	29.5	34.3	39.3	44.7	49.9	55.0
-75°	9.0	11.1	13.8	16.5	19.2	22.1	25.4	29.4	34.4	39.4	44.0
-77.5°	6.8	8.5	10.3	12.2	13.9	16.1	18.4	21.0	25.0	29.7	34.4
-80°	4.9	5.9	7.4	8.9	10.1	11.3	12.5	13.8	16.9	20.6	24.6
-82.5°	3.6	4.3	5.1	6.0	6.7	7.2	7.9	8.7	11.0	13.5	16.2
-85°	2.5	2.7	3.1	3.6	4.0	4.3	4.7	5.0	6.2	7.6	9.0
-87.5°	2.1	2.2	2.4	2.5	2.5	2.6	2.6	2.6	3.1	3.5	3.9
-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: P626570 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA1A-740-U-VWR-VSR-XX

CANDELA DISTRIBUTION (continued):

	-35°	-32.5°	-30°	-27.5°	-25°	-22.5°	-20°	-17.5°	-15°	-12.5°	-10°
90°	2.4	2.6	2.7	2.9	3.0	3.2	3.3	3.5	3.6	3.6	3.6
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°	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
67.5°	0.3	0.3	0.3	0.2	0.1	0.0	0.0	0.0	0.0	0.0	0.0
65°	0.6	0.6	0.4	0.3	0.1	0.2	0.4	0.4	0.4	0.4	0.3
62.5°	1.0	0.9	0.8	0.9	1.1	1.3	1.2	1.1	1.1	1.0	1.1
60°	3.6	2.4	2.8	3.5	3.2	2.2	3.6	4.1	3.5	2.4	2.3
57.5°	9.1	8.8	10.1	14.7	16.1	14.7	17.5	21.3	21.2	18.3	18.2
55°	19.4	26.0	34.0	35.3	40.8	51.9	60.6	56.8	56.8	59.7	68.8
52.5°	36.8	43.0	45.4	51.6	63.2	71.6	77.0	82.6	88.8	95.0	101.4
50°	54.0	60.0	66.9	73.3	89.3	98.0	96.5	108.2	123.0	132.3	137.0
47.5°	79.1	88.7	103.2	126.0	138.0	146.7	157.5	170.6	187.6	210.7	228.5
45°	108.8	123.8	146.3	170.5	189.1	197.6	210.0	230.3	257.5	283.9	303.2
42.5°	133.0	153.7	179.0	202.2	217.3	231.2	247.2	264.4	295.5	323.7	346.0
40°	164.7	180.8	209.2	231.0	244.5	258.4	283.7	309.4	338.6	364.9	383.2
37.5°	204.8	222.8	252.4	277.1	290.2	295.0	338.1	373.9	397.7	431.3	442.2
35°	247.8	277.6	315.3	347.3	360.1	385.7	430.1	480.0	534.1	554.0	570.9
32.5°	295.9	332.6	383.8	418.1	436.4	475.2	531.3	584.7	655.4	693.8	705.3
30°	339.8	381.9	425.9	459.3	490.6	537.4	588.6	654.3	719.7	768.8	784.1
27.5°	372.1	418.6	461.0	492.2	527.5	578.0	641.8	708.3	772.6	822.7	840.5
25°	402.9	455.5	489.0	525.3	566.8	621.8	692.5	766.5	829.7	872.1	893.9
22.5°	437.9	489.8	525.7	556.5	610.7	674.1	739.8	823.4	890.4	924.2	947.8
20°	474.0	532.8	588.3	616.9	663.9	744.1	817.7	896.5	961.2	996.4	1021.3
17.5°	524.5	599.3	667.4	707.9	758.2	854.2	945.9	1025.7	1115.7	1147.5	1178.0
15°	577.7	664.3	744.1	808.3	873.2	968.3	1086.3	1182.6	1285.3	1331.2	1383.1
12.5°	630.7	712.7	784.9	867.7	959.2	1043.4	1155.7	1275.7	1368.9	1427.4	1462.3
10°	670.3	746.4	816.0	899.0	990.3	1085.5	1197.1	1320.1	1417.7	1467.6	1496.1
7.5°	691.7	764.6	837.9	922.1	1013.0	1114.3	1229.4	1351.3	1451.1	1499.4	1527.6
5°	707.6	777.6	853.6	942.1	1034.0	1136.7	1251.7	1372.2	1463.1	1514.5	1550.1
2.5°	717.2	785.8	863.5	955.0	1047.2	1154.2	1274.7	1399.6	1479.2	1520.5	1553.3
0°	720.0	789.1	869.1	961.8	1056.4	1164.2	1283.6	1407.3	1487.9	1527.9	1561.2
-2.5°	723.2	794.3	876.5	966.2	1059.9	1167.5	1289.4	1409.9	1482.4	1522.8	1554.5
-5°	721.0	794.7	876.6	962.6	1056.9	1163.6	1280.6	1393.3	1469.2	1512.8	1544.3
-7.5°	714.4	789.2	870.3	952.9	1045.4	1153.4	1269.9	1378.4	1455.2	1501.2	1535.7
-10°	704.9	777.5	859.2	942.8	1034.3	1137.0	1251.8	1359.6	1433.1	1482.0	1522.2
-12.5°	694.4	765.5	844.2	924.4	1014.9	1116.4	1227.5	1329.6	1402.7	1456.0	1484.7
-15°	678.8	749.9	825.1	902.7	990.9	1089.4	1195.5	1293.4	1365.2	1408.6	1440.3
-17.5°	659.0	728.7	800.0	873.7	956.7	1053.7	1160.5	1257.0	1315.6	1354.3	1385.5
-20°	637.8	702.2	769.8	839.3	919.8	1015.8	1120.7	1205.0	1260.1	1297.3	1326.8



REPORT NUMBER: P626570 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA1A-740-U-VWR-VSR-XX

CANDELA DISTRIBUTION (continued):

	-35°	-32.5°	-30°	-27.5°	-25°	-22.5°	-20°	-17.5°	-15°	-12.5°	-10°
-22.5°	613.5	675.6	737.4	803.9	882.8	970.8	1063.5	1144.9	1204.2	1238.1	1265.3
-25°	585.8	646.2	704.9	769.1	841.6	920.8	1006.9	1086.9	1140.0	1176.0	1203.0
-27.5°	556.0	612.7	670.1	727.7	792.9	871.8	951.6	1025.9	1071.2	1107.5	1134.7
-30°	526.2	577.2	630.3	684.8	746.1	817.2	891.8	954.3	1002.1	1037.4	1062.6
-32.5°	494.0	542.4	589.4	640.4	698.0	760.6	826.1	885.6	936.7	969.0	990.2
-35°	460.9	507.8	550.9	597.1	647.9	702.0	762.4	821.1	871.6	897.1	917.8
-37.5°	426.5	473.2	514.0	552.7	596.5	646.5	705.4	761.4	804.9	826.9	845.6
-40°	396.5	437.7	474.4	511.4	547.0	591.5	646.4	700.6	735.6	757.0	774.3
-42.5°	367.5	402.2	432.3	465.4	501.1	544.9	589.2	634.6	662.8	686.5	704.8
-45°	333.6	364.7	392.9	420.5	453.0	493.0	533.3	569.6	596.0	618.9	636.7
-47.5°	296.2	326.2	353.6	378.2	408.4	441.8	475.8	506.0	532.0	554.7	570.6
-50°	261.4	288.1	314.8	339.8	366.0	393.0	420.5	447.1	471.8	493.8	507.3
-52.5°	230.1	254.8	278.2	300.0	322.9	345.7	368.5	392.8	415.5	436.4	447.2
-55°	201.8	224.1	245.2	263.6	281.9	300.0	319.6	342.0	362.9	382.3	390.0
-57.5°	176.5	195.5	214.2	229.7	244.7	259.1	276.2	295.2	313.5	330.1	336.5
-60°	153.1	168.2	183.8	197.6	210.7	223.0	238.0	253.3	268.1	280.6	286.0
-62.5°	131.6	144.6	156.4	167.6	178.7	189.8	201.9	214.0	226.0	235.6	240.5
-65°	110.9	121.2	130.7	140.0	148.9	158.2	167.7	176.9	185.7	192.6	196.8
-67.5°	91.5	99.4	106.9	114.1	121.5	129.1	136.5	143.5	150.2	155.5	159.6
-70°	74.3	80.4	86.3	92.2	98.4	104.3	109.9	115.2	120.1	124.0	127.1
-72.5°	59.9	64.8	69.9	75.3	80.3	84.7	88.7	92.5	96.2	98.4	100.0
-75°	48.3	52.4	56.9	61.2	65.4	68.8	71.7	74.5	77.2	77.4	76.9
-77.5°	39.0	42.7	46.1	49.5	52.9	55.0	56.8	58.6	60.5	59.4	57.7
-80°	28.7	31.7	34.6	37.6	40.5	41.7	42.6	43.3	43.9	42.5	40.8
-82.5°	19.0	20.9	22.8	24.8	26.7	27.5	28.1	28.6	28.9	27.7	26.2
-85°	10.6	11.5	12.4	13.4	14.3	14.9	15.4	15.8	16.3	15.5	14.6
-87.5°	4.4	4.6	4.8	5.0	5.3	5.5	5.6	5.8	6.0	6.0	6.1
-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: P626570 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA1A-740-U-VWR-VSR-XX

CANDELA DISTRIBUTION (continued):

	-7.5°	-5°	-2.5°	0°	2.5°	5°	7.5°	10°	12.5°	15°	17.5°
90°	3.6	3.6	3.6	3.6	3.6	3.6	3.6	3.6	3.6	3.6	3.5
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	0.0	0.2	0.3	0.4	0.4	0.4
62.5°	1.1	1.1	1.2	1.2	1.2	1.1	1.1	1.1	1.0	1.1	1.1
60°	2.1	1.9	1.8	1.8	1.8	1.9	2.1	2.3	2.4	3.5	4.1
57.5°	16.8	14.3	14.7	16.4	14.7	14.3	16.8	18.2	18.3	21.2	21.3
55°	78.5	87.6	90.9	89.1	90.9	87.6	78.5	68.8	59.7	56.8	56.8
52.5°	106.4	110.1	111.5	111.5	111.5	110.1	106.4	101.4	95.0	88.8	82.6
50°	138.5	137.2	135.3	133.3	135.3	137.2	138.5	137.0	132.3	123.0	108.2
47.5°	231.1	227.1	225.5	228.5	225.5	227.1	231.1	228.5	210.7	187.6	170.6
45°	307.1	311.8	315.4	315.2	315.4	311.8	307.1	303.2	283.9	257.5	230.3
42.5°	350.4	352.9	353.7	352.7	353.7	352.9	350.4	346.0	323.7	295.5	264.4
40°	389.0	391.9	393.6	395.2	393.6	391.9	389.0	383.2	364.9	338.6	309.4
37.5°	445.9	447.0	444.6	443.0	444.6	447.0	445.9	442.2	431.3	397.7	373.9
35°	585.2	588.1	581.5	588.5	581.5	588.1	585.2	570.9	554.0	534.1	480.0
32.5°	719.0	732.4	743.2	752.1	743.2	732.4	719.0	705.3	693.8	655.4	584.7
30°	794.7	803.3	808.0	809.1	808.0	803.3	794.7	784.1	768.8	719.7	654.3
27.5°	850.3	859.4	865.0	869.1	865.0	859.4	850.3	840.5	822.7	772.6	708.3
25°	903.9	912.2	917.8	920.0	917.8	912.2	903.9	893.9	872.1	829.7	766.5
22.5°	959.5	965.3	970.7	973.3	970.7	965.3	959.5	947.8	924.2	890.4	823.4
20°	1039.3	1036.2	1041.0	1039.4	1041.0	1036.2	1039.3	1021.3	996.4	961.2	896.5
17.5°	1201.7	1203.4	1206.7	1212.1	1206.7	1203.4	1201.7	1178.0	1147.5	1115.7	1025.7
15°	1406.1	1410.2	1431.1	1449.7	1431.1	1410.2	1406.1	1383.1	1331.2	1285.3	1182.6
12.5°	1494.7	1508.9	1511.1	1516.4	1511.1	1508.9	1494.7	1462.3	1427.4	1368.9	1275.7
10°	1524.3	1548.9	1548.3	1554.5	1548.3	1548.9	1524.3	1496.1	1467.6	1417.7	1320.1
7.5°	1546.7	1573.1	1584.4	1589.1	1584.4	1573.1	1546.7	1527.6	1499.4	1451.1	1351.3
5°	1574.1	1588.7	1607.9	1602.4	1607.9	1588.7	1574.1	1550.1	1514.5	1463.1	1372.2
2.5°	1585.6	1608.4	1603.1	1608.5	1603.1	1608.4	1585.6	1553.3	1520.5	1479.2	1399.6
0°	1593.3	1609.7	1612.1	1617.6	1612.1	1609.7	1593.3	1561.2	1527.9	1487.9	1407.3
-2.5°	1583.9	1598.3	1623.6	1615.8	1623.6	1598.3	1583.9	1554.5	1522.8	1482.4	1409.9
-5°	1575.7	1611.1	1597.4	1614.5	1597.4	1611.1	1575.7	1544.3	1512.8	1469.2	1393.3
-7.5°	1571.5	1577.8	1586.9	1600.0	1586.9	1577.8	1571.5	1535.7	1501.2	1455.2	1378.4
-10°	1538.6	1545.1	1561.8	1570.9	1561.8	1545.1	1538.6	1522.2	1482.0	1433.1	1359.6
-12.5°	1502.9	1515.4	1533.0	1538.8	1533.0	1515.4	1502.9	1484.7	1456.0	1402.7	1329.6
-15°	1461.8	1480.4	1497.6	1501.2	1497.6	1480.4	1461.8	1440.3	1408.6	1365.2	1293.4
-17.5°	1409.5	1431.9	1450.0	1453.9	1450.0	1431.9	1409.5	1385.5	1354.3	1315.6	1257.0
-20°	1351.9	1373.4	1388.7	1393.3	1388.7	1373.4	1351.9	1326.8	1297.3	1260.1	1205.0



REPORT NUMBER: P626570 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA1A-740-U-VWR-VSR-XX

CANDELA DISTRIBUTION (continued):

	-7.5°	-5°	-2.5°	0°	2.5°	5°	7.5°	10°	12.5°	15°	17.5°
-22.5°	1290.3	1309.5	1322.6	1320.6	1322.6	1309.5	1290.3	1265.3	1238.1	1204.2	1144.9
-25°	1224.8	1242.7	1255.1	1253.3	1255.1	1242.7	1224.8	1203.0	1176.0	1140.0	1086.9
-27.5°	1155.6	1172.6	1184.5	1184.8	1184.5	1172.6	1155.6	1134.7	1107.5	1071.2	1025.9
-30°	1082.9	1098.3	1108.0	1104.2	1108.0	1098.3	1082.9	1062.6	1037.4	1002.1	954.3
-32.5°	1007.9	1021.8	1030.7	1033.3	1030.7	1021.8	1007.9	990.2	969.0	936.7	885.6
-35°	933.9	946.2	953.9	955.8	953.9	946.2	933.9	917.8	897.1	871.6	821.1
-37.5°	860.5	871.0	876.4	873.9	876.4	871.0	860.5	845.6	826.9	804.9	761.4
-40°	787.8	797.9	804.0	805.5	804.0	797.9	787.8	774.3	757.0	735.6	700.6
-42.5°	716.4	724.8	730.1	732.7	730.1	724.8	716.4	704.8	686.5	662.8	634.6
-45°	647.1	654.6	659.6	662.4	659.6	654.6	647.1	636.7	618.9	596.0	569.6
-47.5°	579.7	586.2	590.6	592.7	590.6	586.2	579.7	570.6	554.7	532.0	506.0
-50°	515.2	520.9	525.0	527.3	525.0	520.9	515.2	507.3	493.8	471.8	447.1
-52.5°	454.0	459.0	462.4	464.2	462.4	459.0	454.0	447.2	436.4	415.5	392.8
-55°	395.7	399.7	402.9	404.8	402.9	399.7	395.7	390.0	382.3	362.9	342.0
-57.5°	341.3	344.5	347.6	349.7	347.6	344.5	341.3	336.5	330.1	313.5	295.2
-60°	290.3	293.4	296.0	297.6	296.0	293.4	290.3	286.0	280.6	268.1	253.3
-62.5°	244.3	247.0	249.4	250.9	249.4	247.0	244.3	240.5	235.6	226.0	214.0
-65°	200.1	202.6	204.4	205.5	204.4	202.6	200.1	196.8	192.6	185.7	176.9
-67.5°	163.0	165.9	166.4	166.1	166.4	165.9	163.0	159.6	155.5	150.2	143.5
-70°	129.8	132.2	132.8	132.7	132.8	132.2	129.8	127.1	124.0	120.1	115.2
-72.5°	101.5	102.8	101.7	100.0	101.7	102.8	101.5	100.0	98.4	96.2	92.5
-75°	76.2	75.4	74.2	72.7	74.2	75.4	76.2	76.9	77.4	77.2	74.5
-77.5°	55.8	53.7	52.4	50.9	52.4	53.7	55.8	57.7	59.4	60.5	58.6
-80°	38.9	36.9	35.4	33.9	35.4	36.9	38.9	40.8	42.5	43.9	43.3
-82.5°	24.6	22.9	22.1	21.2	22.1	22.9	24.6	26.2	27.7	28.9	28.6
-85°	13.7	12.7	12.1	11.5	12.1	12.7	13.7	14.6	15.5	16.3	15.8
-87.5°	6.1	6.1	5.8	5.5	5.8	6.1	6.1	6.1	6.0	6.0	5.8
-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: P626570 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA1A-740-U-VWR-VSR-XX

CANDELA DISTRIBUTION (continued):

	20°	22.5°	25°	27.5°	30°	32.5°	35°	37.5°	40°	42.5°	45°
90°	3.3	3.2	3.0	2.9	2.7	2.6	2.4	2.3	2.1	2.0	1.8
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	0.1	0.1	0.0	0.0	0.1
67.5°	0.0	0.0	0.1	0.2	0.3	0.3	0.3	0.3	0.4	0.3	0.3
65°	0.4	0.2	0.1	0.3	0.4	0.6	0.6	0.6	0.5	0.6	0.7
62.5°	1.2	1.3	1.1	0.9	0.8	0.9	1.0	1.0	0.9	0.7	0.9
60°	3.6	2.2	3.2	3.5	2.8	2.4	3.6	3.4	1.8	1.5	1.4
57.5°	17.5	14.7	16.1	14.7	10.1	8.8	9.1	8.7	7.8	4.8	2.0
55°	60.6	51.9	40.8	35.3	34.0	26.0	19.4	16.2	14.7	10.6	7.0
52.5°	77.0	71.6	63.2	51.6	45.4	43.0	36.8	29.4	23.4	18.7	13.4
50°	96.5	98.0	89.3	73.3	66.9	60.0	54.0	45.5	37.8	30.3	22.4
47.5°	157.5	146.7	138.0	126.0	103.2	88.7	79.1	65.2	54.7	45.7	35.9
45°	210.0	197.6	189.1	170.5	146.3	123.8	108.8	91.3	72.8	60.6	51.7
42.5°	247.2	231.2	217.3	202.2	179.0	153.7	133.0	115.8	96.2	76.6	64.7
40°	283.7	258.4	244.5	231.0	209.2	180.8	164.7	139.3	118.9	97.2	81.0
37.5°	338.1	295.0	290.2	277.1	252.4	222.8	204.8	179.7	141.9	121.4	102.8
35°	430.1	385.7	360.1	347.3	315.3	277.6	247.8	224.5	186.9	146.5	125.1
32.5°	531.3	475.2	436.4	418.1	383.8	332.6	295.9	266.2	228.5	182.7	148.4
30°	588.6	537.4	490.6	459.3	425.9	381.9	339.8	297.9	256.9	219.1	173.7
27.5°	641.8	578.0	527.5	492.2	461.0	418.6	372.1	327.1	282.1	244.7	204.2
25°	692.5	621.8	566.8	525.3	489.0	455.5	402.9	353.7	306.8	265.5	233.8
22.5°	739.8	674.1	610.7	556.5	525.7	489.8	437.9	378.4	332.6	297.8	260.5
20°	817.7	744.1	663.9	616.9	588.3	532.8	474.0	415.2	373.1	333.3	289.4
17.5°	945.9	854.2	758.2	707.9	667.4	599.3	524.5	466.1	413.5	369.2	320.9
15°	1086.3	968.3	873.2	808.3	744.1	664.3	577.7	514.5	454.9	405.0	349.9
12.5°	1155.7	1043.4	959.2	867.7	784.9	712.7	630.7	561.1	493.3	428.3	367.8
10°	1197.1	1085.5	990.3	899.0	816.0	746.4	670.3	587.9	512.6	443.8	382.7
7.5°	1229.4	1114.3	1013.0	922.1	837.9	764.6	691.7	605.3	528.0	456.3	394.7
5°	1251.7	1136.7	1034.0	942.1	853.6	777.6	707.6	618.5	539.5	465.8	403.8
2.5°	1274.7	1154.2	1047.2	955.0	863.5	785.8	717.2	628.6	548.9	472.9	411.4
0°	1283.6	1164.2	1056.4	961.8	869.1	789.1	720.0	635.2	555.2	477.0	416.4
-2.5°	1289.4	1167.5	1059.9	966.2	876.5	794.3	723.2	642.6	557.2	481.4	417.8
-5°	1280.6	1163.6	1056.9	962.6	876.6	794.7	721.0	643.7	556.6	482.6	416.7
-7.5°	1269.9	1153.4	1045.4	952.9	870.3	789.2	714.4	638.9	554.7	480.7	414.6
-10°	1251.8	1137.0	1034.3	942.8	859.2	777.5	704.9	629.7	548.5	475.2	409.8
-12.5°	1227.5	1116.4	1014.9	924.4	844.2	765.5	694.4	617.1	538.0	466.0	402.2
-15°	1195.5	1089.4	990.9	902.7	825.1	749.9	678.8	603.1	527.7	454.7	391.7
-17.5°	1160.5	1053.7	956.7	873.7	800.0	728.7	659.0	588.4	515.8	444.1	382.3
-20°	1120.7	1015.8	919.8	839.3	769.8	702.2	637.8	572.0	499.3	431.9	372.4

Classified

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

Scaled Data Report



REPORT NUMBER: P626570 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA1A-740-U-VWR-VSR-XX

CANDELA DISTRIBUTION (continued):

	20°	22.5°	25°	27.5°	30°	32.5°	35°	37.5°	40°	42.5°	45°
-22.5°	1063.5	970.8	882.8	803.9	737.4	675.6	613.5	549.9	477.9	416.6	359.0
-25°	1006.9	920.8	841.6	769.1	704.9	646.2	585.8	522.8	458.9	398.7	342.5
-27.5°	951.6	871.8	792.9	727.7	670.1	612.7	556.0	496.3	437.5	378.5	327.1
-30°	891.8	817.2	746.1	684.8	630.3	577.2	526.2	470.6	412.7	356.7	310.4
-32.5°	826.1	760.6	698.0	640.4	589.4	542.4	494.0	441.2	384.0	336.3	291.1
-35°	762.4	702.0	647.9	597.1	550.9	507.8	460.9	408.1	357.9	313.1	269.3
-37.5°	705.4	646.5	596.5	552.7	514.0	473.2	426.5	379.6	332.4	287.2	249.1
-40°	646.4	591.5	547.0	511.4	474.4	437.7	396.5	352.9	306.4	262.3	229.2
-42.5°	589.2	544.9	501.1	465.4	432.3	402.2	367.5	323.5	280.7	242.4	210.6
-45°	533.3	493.0	453.0	420.5	392.9	364.7	333.6	293.6	255.2	222.3	192.3
-47.5°	475.8	441.8	408.4	378.2	353.6	326.2	296.2	262.4	230.8	201.2	174.6
-50°	420.5	393.0	366.0	339.8	314.8	288.1	261.4	234.0	205.9	180.1	156.0
-52.5°	368.5	345.7	322.9	300.0	278.2	254.8	230.1	205.8	181.0	159.5	137.9
-55°	319.6	300.0	281.9	263.6	245.2	224.1	201.8	179.9	160.2	140.4	122.8
-57.5°	276.2	259.1	244.7	229.7	214.2	195.5	176.5	157.9	141.6	125.1	108.9
-60°	238.0	223.0	210.7	197.6	183.8	168.2	153.1	138.4	124.3	110.9	96.9
-62.5°	201.9	189.8	178.7	167.6	156.4	144.6	131.6	119.8	108.8	97.6	84.9
-65°	167.7	158.2	148.9	140.0	130.7	121.2	110.9	101.6	92.6	83.5	72.5
-67.5°	136.5	129.1	121.5	114.1	106.9	99.4	91.5	83.7	76.4	69.0	60.1
-70°	109.9	104.3	98.4	92.2	86.3	80.4	74.3	68.0	61.3	55.2	49.1
-72.5°	88.7	84.7	80.3	75.3	69.9	64.8	59.9	55.0	49.9	44.7	39.3
-75°	71.7	68.8	65.4	61.2	56.9	52.4	48.3	44.0	39.4	34.4	29.4
-77.5°	56.8	55.0	52.9	49.5	46.1	42.7	39.0	34.4	29.7	25.0	21.0
-80°	42.6	41.7	40.5	37.6	34.6	31.7	28.7	24.6	20.6	16.9	13.8
-82.5°	28.1	27.5	26.7	24.8	22.8	20.9	19.0	16.2	13.5	11.0	8.7
-85°	15.4	14.9	14.3	13.4	12.4	11.5	10.6	9.0	7.6	6.2	5.0
-87.5°	5.6	5.5	5.3	5.0	4.8	4.6	4.4	3.9	3.5	3.1	2.6
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



REPORT NUMBER: P626570 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA1A-740-U-VWR-VSR-XX

CANDELA DISTRIBUTION (continued):

	47.5°	50°	52.5°	55°	57.5°	60°	62.5°	65°	67.5°	70°	72.5°
90°	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.7	1.5	1.4
87.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.2	0.3
85°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.2
82.5°	0.0	0.0	0.0	0.0	0.1	0.2	0.2	0.2	0.1	0.0	0.0
80°	0.0	0.0	0.0	0.0	0.1	0.3	0.4	0.4	0.3	0.2	0.1
77.5°	0.0	0.0	0.0	0.0	0.1	0.2	0.3	0.5	0.5	0.4	0.3
75°	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.3	0.5	0.6	0.5
72.5°	0.0	0.0	0.0	0.1	0.2	0.2	0.1	0.1	0.3	0.5	0.6
70°	0.1	0.0	0.0	0.1	0.2	0.4	0.3	0.3	0.2	0.4	0.6
67.5°	0.3	0.3	0.2	0.2	0.3	0.4	0.6	0.5	0.5	0.4	0.6
65°	0.7	0.6	0.6	0.5	0.4	0.4	0.6	0.7	0.7	0.6	0.5
62.5°	1.0	1.0	1.0	0.9	0.8	0.7	0.6	0.8	0.9	0.8	0.7
60°	1.3	1.4	1.3	1.2	1.1	1.0	0.9	0.9	1.0	1.0	0.9
57.5°	1.9	1.8	1.8	1.6	1.4	1.3	1.2	1.2	1.2	1.2	1.0
55°	3.3	2.3	2.3	2.1	1.8	1.6	1.5	1.5	1.4	1.4	1.2
52.5°	8.4	4.7	3.0	2.7	2.4	2.0	1.8	1.7	1.7	1.6	1.4
50°	15.5	10.1	5.7	3.5	3.0	2.6	2.1	2.0	1.9	1.8	1.6
47.5°	24.9	17.3	11.2	5.6	3.9	3.2	2.7	2.3	2.2	2.0	1.7
45°	38.3	25.5	17.7	11.2	5.2	4.4	3.3	2.6	2.4	2.2	1.9
42.5°	53.3	37.4	24.8	16.9	10.0	6.2	4.0	3.1	2.7	2.4	2.1
40°	68.0	51.7	33.3	23.3	15.1	8.3	5.7	3.7	2.9	2.7	2.3
37.5°	84.3	66.8	46.7	30.1	20.3	12.7	7.8	4.4	3.3	2.9	2.5
35°	104.5	83.6	60.0	40.1	26.9	16.7	10.2	5.6	4.1	3.2	2.7
32.5°	124.5	100.4	74.5	51.7	33.8	20.5	13.3	8.0	5.0	3.5	2.9
30°	144.8	115.7	88.1	62.5	41.7	26.5	16.6	10.3	6.0	3.7	3.2
27.5°	163.0	130.1	100.8	73.7	51.0	32.8	20.1	12.6	7.1	4.2	3.4
25°	183.6	145.8	113.3	84.4	59.5	39.4	23.6	14.8	8.8	5.1	3.6
22.5°	210.0	161.9	124.9	94.2	67.9	45.8	28.2	17.7	10.6	6.1	3.9
20°	236.4	177.6	136.3	106.4	77.0	52.9	33.5	20.6	12.4	7.0	4.1
17.5°	262.2	197.7	152.9	118.9	86.8	59.6	38.5	23.4	14.0	8.0	4.3
15°	285.3	220.7	169.1	130.7	96.4	65.7	43.1	26.2	15.5	9.0	4.6
12.5°	304.8	240.6	184.5	141.7	105.6	71.3	47.3	28.9	16.9	10.1	5.1
10°	320.9	257.3	198.6	151.9	114.4	76.4	51.0	31.5	18.6	11.3	5.5
7.5°	333.7	271.2	211.5	161.2	122.3	81.1	55.1	34.3	20.2	12.4	6.0
5°	343.4	282.1	221.5	167.8	128.6	85.5	58.8	36.9	21.7	13.4	6.4
2.5°	349.6	290.1	228.9	173.0	133.7	89.1	62.0	39.2	23.0	14.4	6.9
0°	353.3	295.8	234.5	177.0	137.6	92.1	64.8	41.2	24.2	15.2	7.3
-2.5°	356.6	299.5	239.4	184.0	140.3	97.0	66.6	43.0	26.1	15.8	8.0
-5°	357.7	301.2	242.6	189.3	141.9	100.9	67.8	44.5	27.8	16.3	8.7
-7.5°	355.9	300.2	243.8	192.4	142.7	103.7	68.6	45.6	29.2	16.6	9.3
-10°	351.8	296.9	242.3	191.5	143.7	104.6	69.0	46.5	30.2	16.9	9.8
-12.5°	345.7	292.0	239.1	189.4	143.5	104.0	70.2	47.2	30.7	17.1	10.1
-15°	337.7	285.6	234.2	186.4	141.8	102.7	70.4	47.4	30.6	17.4	10.4
-17.5°	328.3	277.8	227.7	182.6	138.4	100.9	69.8	47.1	30.3	18.0	10.6
-20°	319.0	269.1	219.9	178.1	133.3	98.4	68.2	46.2	29.8	18.3	10.8

Classified

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

Scaled Data Report



REPORT NUMBER: P626570 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA1A-740-U-VWR-VSR-XX

CANDELA DISTRIBUTION (continued):

	47.5°	50°	52.5°	55°	57.5°	60°	62.5°	65°	67.5°	70°	72.5°
-22.5°	308.0	259.2	213.3	171.7	127.8	95.5	65.5	44.8	29.0	18.4	10.9
-25°	295.3	247.6	205.2	163.1	123.5	92.1	62.8	42.7	28.0	18.4	10.9
-27.5°	281.0	235.2	195.8	153.6	119.0	87.5	60.2	41.1	27.1	18.1	10.7
-30°	265.1	223.6	184.4	144.4	113.5	82.4	56.8	39.4	26.7	17.8	10.4
-32.5°	247.9	210.5	172.2	137.5	107.3	77.2	53.8	37.5	26.0	17.4	10.4
-35°	231.8	196.2	159.8	129.4	100.7	74.1	51.8	35.3	25.1	16.8	10.5
-37.5°	214.6	181.1	150.0	121.1	93.7	70.6	50.2	34.3	23.8	16.0	10.4
-40°	197.9	166.9	138.6	113.1	88.5	66.6	47.6	33.2	22.7	15.1	10.3
-42.5°	181.1	153.6	127.7	104.4	83.7	62.7	44.3	31.6	21.8	14.5	10.0
-45°	165.7	139.8	116.1	96.8	78.3	57.7	41.8	29.5	20.6	14.1	9.8
-47.5°	149.4	125.7	105.5	88.5	71.2	52.4	38.6	27.9	19.2	13.6	9.7
-50°	132.6	112.4	95.6	79.4	62.5	47.9	35.1	26.0	18.7	13.2	9.5
-52.5°	117.9	100.8	85.5	70.1	56.0	42.6	32.5	23.9	18.0	12.8	9.1
-55°	105.3	89.7	75.6	62.4	49.8	38.7	29.6	22.9	17.2	12.4	8.7
-57.5°	94.1	79.4	67.4	55.5	44.6	35.0	27.5	21.7	16.4	11.9	8.4
-60°	83.2	71.1	59.9	49.4	39.7	31.8	25.9	20.3	15.3	11.1	8.0
-62.5°	73.2	62.5	52.8	43.3	35.4	29.2	24.0	18.8	14.2	10.2	7.4
-65°	62.7	53.6	45.4	37.8	31.4	26.1	21.7	17.0	12.6	9.1	6.7
-67.5°	51.7	45.0	38.6	32.3	27.1	22.7	18.9	14.6	10.7	7.8	5.9
-70°	43.0	37.2	31.7	26.8	22.6	18.9	15.5	11.8	8.6	6.7	5.0
-72.5°	34.3	29.5	25.0	21.1	18.1	15.0	11.8	9.0	7.1	5.5	4.1
-75°	25.4	22.1	19.2	16.5	13.8	11.1	9.0	7.1	5.6	4.2	3.4
-77.5°	18.4	16.1	13.9	12.2	10.3	8.5	6.8	5.2	4.2	3.5	2.9
-80°	12.5	11.3	10.1	8.9	7.4	5.9	4.9	4.0	3.4	2.8	2.3
-82.5°	7.9	7.2	6.7	6.0	5.1	4.3	3.6	3.0	2.6	2.1	1.9
-85°	4.7	4.3	4.0	3.6	3.1	2.7	2.5	2.3	2.1	1.9	1.7
-87.5°	2.6	2.6	2.5	2.5	2.4	2.2	2.1	2.1	1.9	1.7	1.5
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.3	0.4

Classified

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

Scaled Data Report



REPORT NUMBER: P626570 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA1A-740-U-VWR-VSR-XX

CANDELA DISTRIBUTION (continued):

	75°	77.5°	80°	82.5°	85°	87.5°	90°
90°	1.2	1.1	0.9	0.7	0.6	0.6	0.6
87.5°	0.4	0.5	0.5	0.6	0.6	0.6	0.6
85°	0.3	0.4	0.5	0.6	0.6	0.6	0.6
82.5°	0.1	0.3	0.4	0.5	0.6	0.6	0.6
80°	0.0	0.2	0.4	0.5	0.6	0.6	0.6
77.5°	0.2	0.2	0.4	0.5	0.6	0.6	0.6
75°	0.3	0.3	0.3	0.5	0.6	0.6	0.6
72.5°	0.5	0.4	0.4	0.5	0.6	0.6	0.6
70°	0.6	0.5	0.4	0.5	0.6	0.6	0.6
67.5°	0.6	0.6	0.5	0.5	0.6	0.6	0.6
65°	0.6	0.6	0.5	0.5	0.6	0.6	0.6
62.5°	0.7	0.7	0.6	0.5	0.6	0.6	0.6
60°	0.7	0.7	0.6	0.6	0.6	0.6	0.6
57.5°	0.9	0.8	0.7	0.6	0.6	0.6	0.6
55°	1.0	0.8	0.7	0.6	0.6	0.6	0.6
52.5°	1.2	0.9	0.8	0.6	0.6	0.6	0.6
50°	1.3	1.0	0.8	0.6	0.6	0.6	0.6
47.5°	1.4	1.2	0.9	0.6	0.7	0.6	0.6
45°	1.6	1.3	1.0	0.7	0.7	0.6	0.6
42.5°	1.7	1.4	1.1	0.7	0.7	0.6	0.6
40°	1.9	1.5	1.1	0.8	0.7	0.6	0.6
37.5°	2.0	1.6	1.2	0.9	0.7	0.6	0.6
35°	2.1	1.7	1.3	1.0	0.8	0.6	0.6
32.5°	2.3	1.8	1.4	1.0	0.8	0.6	0.6
30°	2.4	1.9	1.5	1.1	0.8	0.6	0.6
27.5°	2.6	2.0	1.6	1.2	0.8	0.6	0.6
25°	2.8	2.1	1.7	1.2	0.9	0.6	0.6
22.5°	3.0	2.2	1.8	1.3	0.9	0.6	0.6
20°	3.1	2.3	1.8	1.4	0.9	0.6	0.6
17.5°	3.3	2.4	1.9	1.4	1.0	0.6	0.6
15°	3.5	2.5	2.0	1.5	1.0	0.6	0.6
12.5°	3.6	2.6	2.1	1.6	1.0	0.6	0.6
10°	3.8	2.7	2.2	1.6	1.1	0.6	0.6
7.5°	3.9	2.8	2.2	1.7	1.1	0.6	0.6
5°	4.0	2.9	2.3	1.7	1.1	0.6	0.6
2.5°	4.1	2.9	2.3	1.8	1.2	0.6	0.6
0°	4.2	3.0	2.4	1.8	1.2	0.6	0.6
-2.5°	4.4	3.1	2.5	1.8	1.2	0.6	0.6
-5°	4.7	3.1	2.5	1.8	1.2	0.6	0.6
-7.5°	4.9	3.2	2.5	1.8	1.2	0.6	0.6
-10°	5.0	3.2	2.6	1.8	1.2	0.6	0.6
-12.5°	5.2	3.3	2.6	1.8	1.2	0.6	0.6
-15°	5.2	3.3	2.6	1.7	1.2	0.6	0.6
-17.5°	5.3	3.3	2.6	1.7	1.1	0.6	0.6
-20°	5.4	3.3	2.6	1.7	1.1	0.6	0.6

Classified

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

Scaled Data Report



REPORT NUMBER: P626570 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA1A-740-U-VWR-VSR-XX

CANDELA DISTRIBUTION (continued):

	75°	77.5°	80°	82.5°	85°	87.5°	90°
-22.5°	5.7	3.4	2.5	1.7	1.1	0.6	0.6
-25°	6.0	3.6	2.5	1.6	1.1	0.6	0.6
-27.5°	6.2	3.9	2.4	1.6	1.1	0.6	0.6
-30°	6.4	4.1	2.4	1.6	1.0	0.6	0.6
-32.5°	6.4	4.3	2.5	1.5	1.0	0.6	0.6
-35°	6.6	4.5	2.5	1.5	1.0	0.6	0.6
-37.5°	6.8	4.6	2.6	1.4	1.0	0.6	0.6
-40°	6.9	4.6	2.6	1.4	0.9	0.6	0.6
-42.5°	7.0	4.6	2.6	1.3	0.9	0.6	0.6
-45°	6.9	4.6	2.6	1.4	0.8	0.6	0.6
-47.5°	6.8	4.5	2.6	1.3	0.8	0.6	0.6
-50°	6.7	4.4	2.6	1.3	0.8	0.6	0.6
-52.5°	6.5	4.3	2.5	1.3	0.7	0.6	0.6
-55°	6.3	4.1	2.4	1.3	0.7	0.6	0.6
-57.5°	6.0	3.9	2.2	1.2	0.6	0.6	0.6
-60°	5.7	3.6	2.1	1.2	0.6	0.6	0.6
-62.5°	5.2	3.3	2.0	1.1	0.6	0.6	0.6
-65°	4.7	2.9	1.8	1.0	0.6	0.6	0.6
-67.5°	4.1	2.6	1.7	1.0	0.6	0.6	0.6
-70°	3.5	2.4	1.5	0.9	0.6	0.6	0.6
-72.5°	3.1	2.1	1.4	0.8	0.6	0.6	0.6
-75°	2.7	1.9	1.2	0.8	0.6	0.6	0.6
-77.5°	2.3	1.6	1.1	0.8	0.6	0.6	0.6
-80°	1.8	1.4	1.1	0.8	0.6	0.6	0.6
-82.5°	1.7	1.3	1.0	0.8	0.6	0.6	0.6
-85°	1.5	1.2	1.0	0.8	0.6	0.6	0.6
-87.5°	1.4	1.1	1.0	0.8	0.6	0.6	0.6
-90°	0.6	0.6	0.6	0.6	0.6	0.6	0.6

(END OF REPORT)