

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: P626580 (CONVERTED FROM TYPE C PHOTOMETRY)

Luminaire Tested: **GFLD-SA1A-750-U-VWR-VSR-XX**

Issue Date: 12/7/2022

Test Information

Test Method: LM-79-08
Report Number: P626580 (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-750-U-VWR-VSR-XX
Description: GALLEON FLOOD, ONE LIGHT SQAURE, VERY WIDE SYMMETRICAL ROUND N7 WITH VISOR
Light Source: (16) 5000K CCT, 70 CRI LEDS
Ballast/Driver: -

Summary

Lumens per Lamp: N/A
Luminaire Lumens: 2216.6 lumens
Efficiency: N/A
Efficacy: 122.5 lumens/watt
Luminous Opening: Rectangular (W 0.5' x L: 0.5' x H: 0')

NEMA Type: 6H x 6V
Max Intensity: 1661 candela
Max Intensity Angle: -2.5°H x -2.5°V

Beam Angle (50%): 63.9°H x 69.6°V
Beam Lumens: 1282.5 lumens
Beam Efficiency: 57.9%

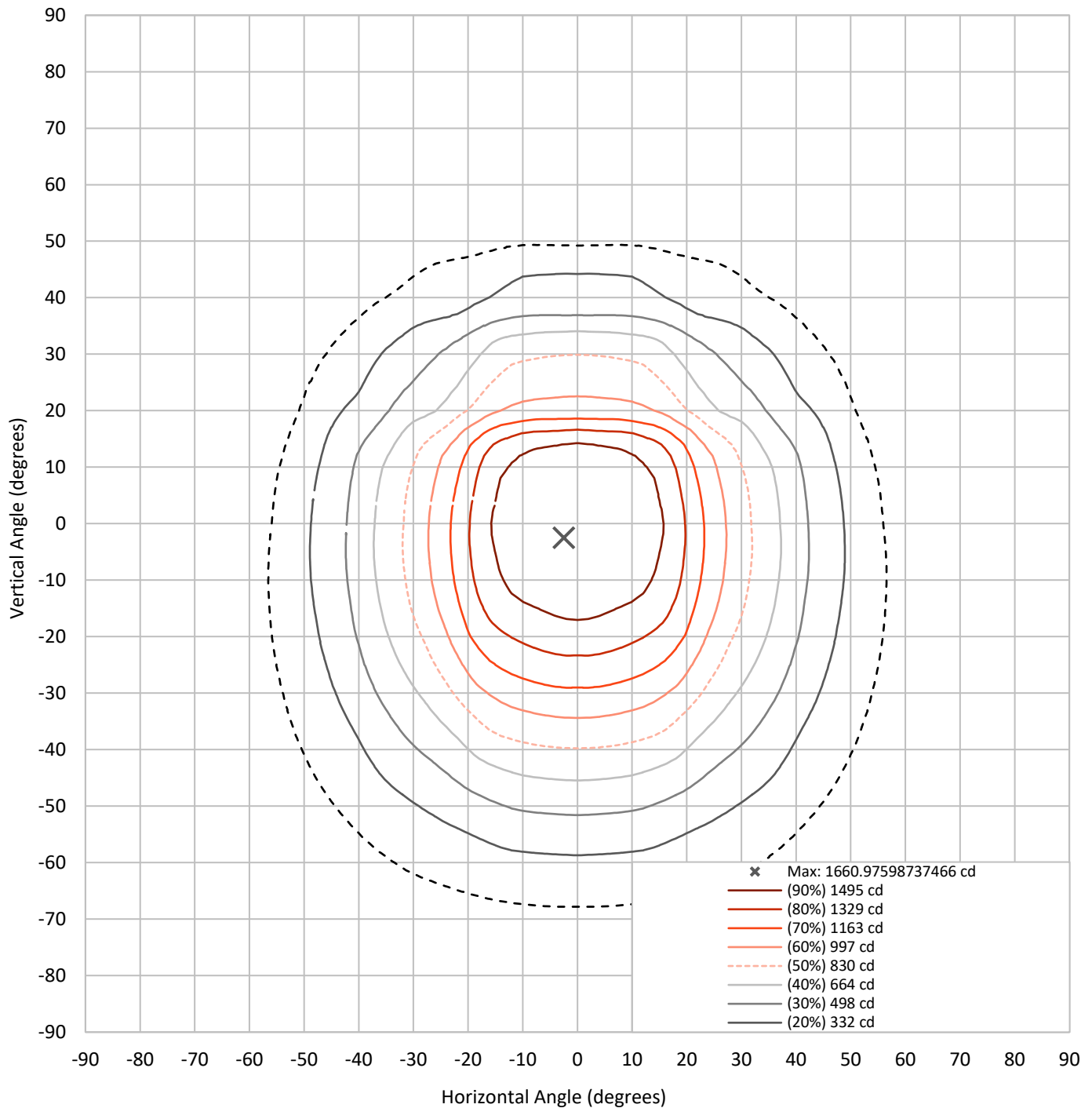
Field Angle (10%): 112.5°H x 117°V
Field Lumens: 2103.4 lumens
Field Efficiency: 94.9%

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: P626580 (CONVERTED FROM TYPE C PHOTOMETRY)
CATALOG NUMBER: GFLD-SA1A-750-U-VWR-VSR-XX

Iso-Candela Plot

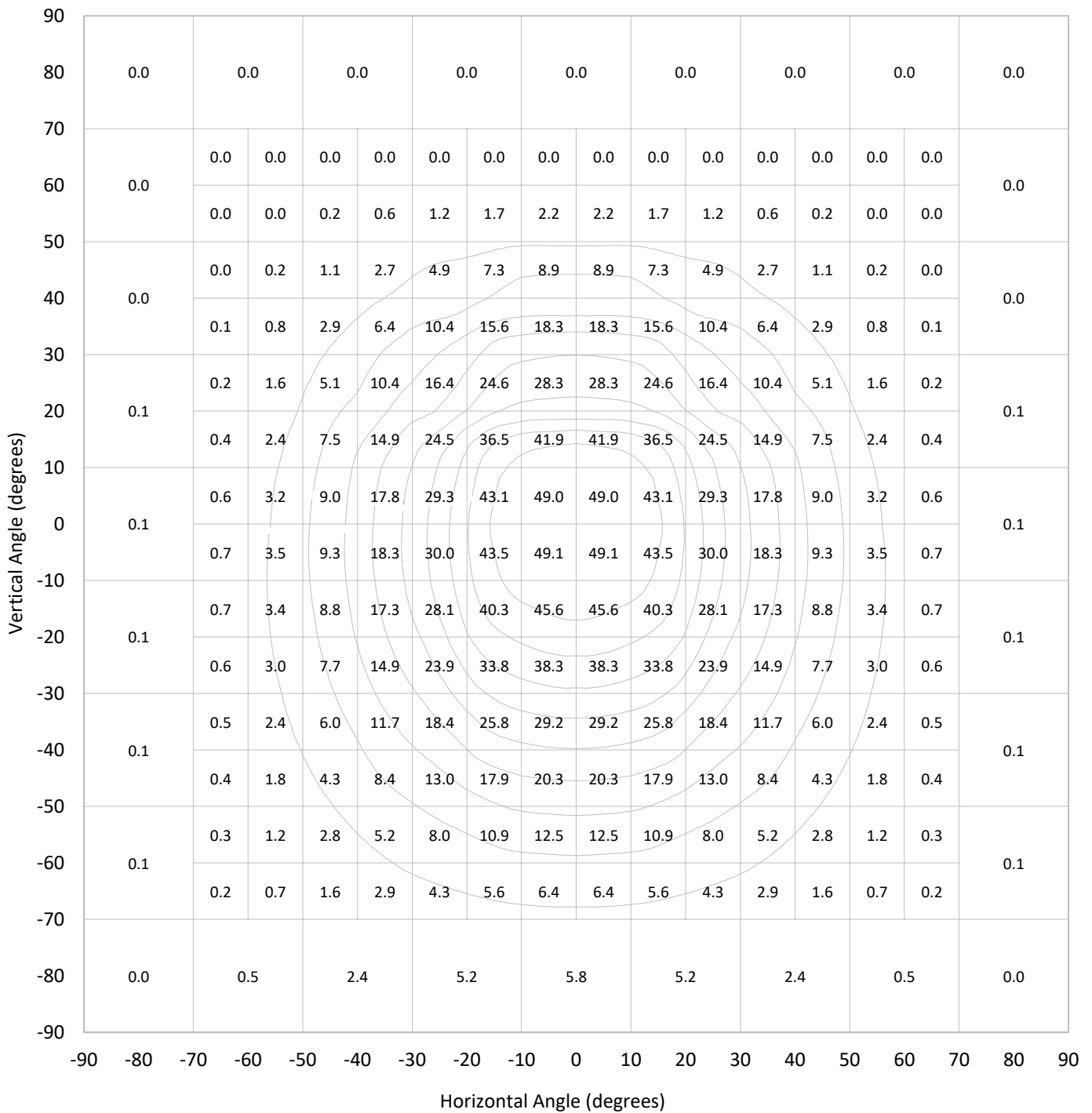




REPORT NUMBER: P626580 (CONVERTED FROM TYPE C PHOTOMETRY)

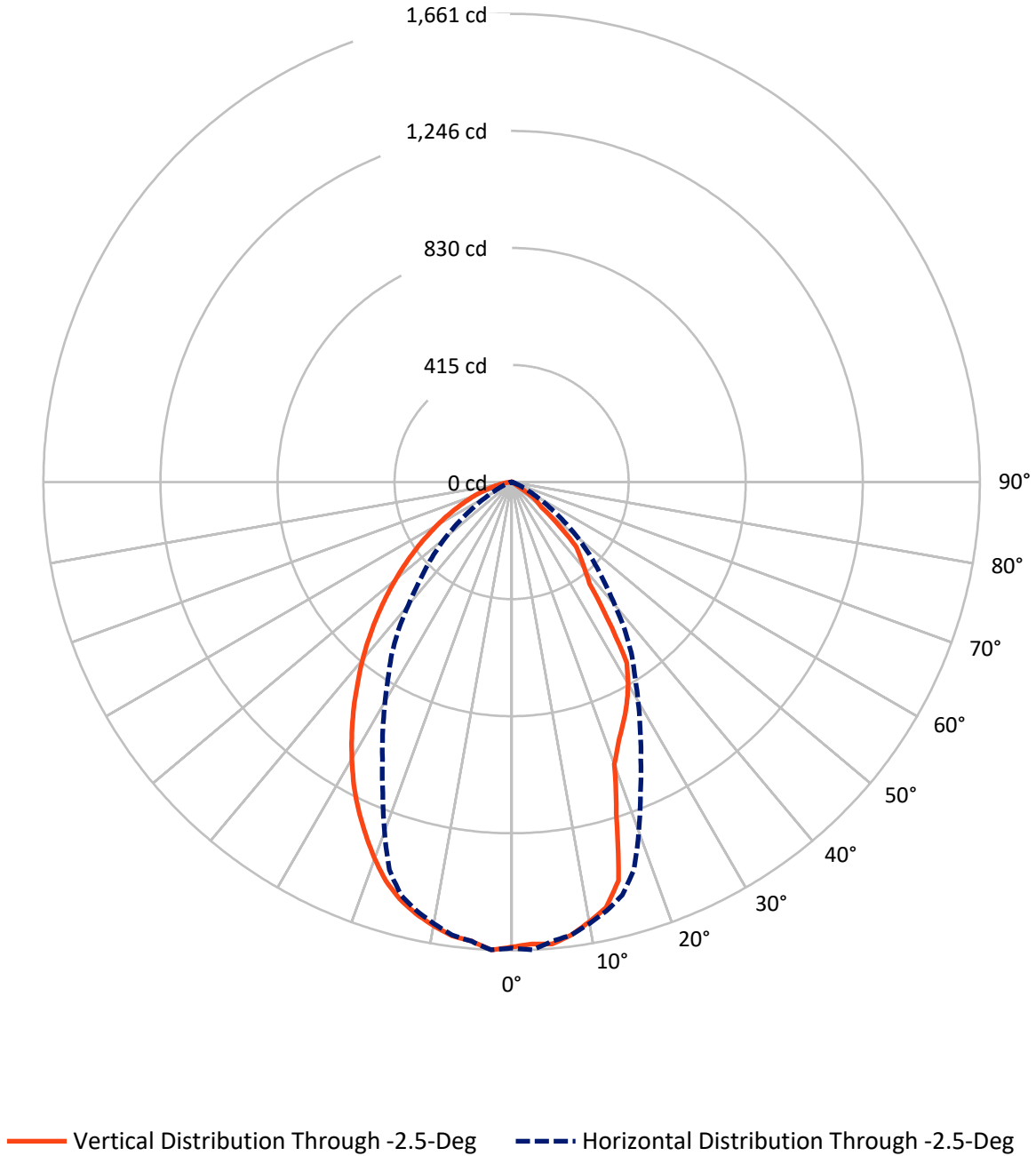
CATALOG NUMBER: GFLD-SA1A-750-U-VWR-VSR-XX

Lumen Table



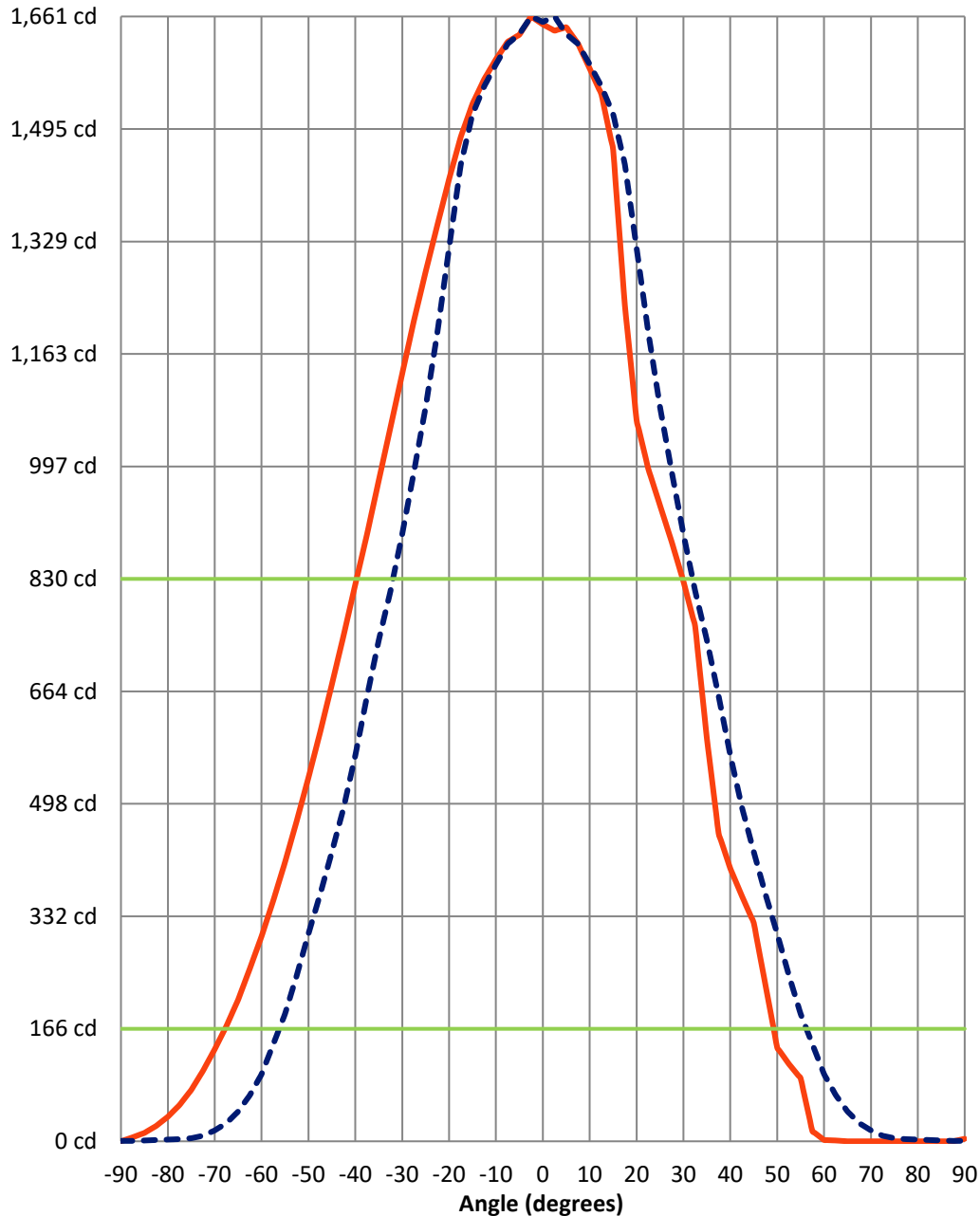
REPORT NUMBER: P626580 (CONVERTED FROM TYPE C PHOTOMETRY)
CATALOG NUMBER: GFLD-SA1A-750-U-VWR-VSR-XX

Luminous Intensity Polar Plot



REPORT NUMBER: P626580 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA1A-750-U-VWR-VSR-XX

Luminous Intensity Plot



Beam:
 H Angle: 63.9°
 V Angle: 69.6°
 Lumens: 1282.5
 Efficiency: 57.9%

Field:
 H Angle: 112.5°
 V Angle: 117°
 Lumens: 2103.4
 Efficiency: 94.9%

Spill:
 Lumens: 113.2
 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: P626580 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA1A-750-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	1.6	1.7	1.9
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	1.1	1.0
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	1.5	1.5
52.5°	0.6	0.6	0.6	0.6	0.8	0.9	1.2	1.4	1.6	1.7	1.8
50°	0.6	0.6	0.6	0.6	0.8	1.1	1.3	1.6	1.9	2.0	2.1
47.5°	0.6	0.6	0.7	0.6	0.9	1.2	1.5	1.8	2.1	2.2	2.4
45°	0.6	0.6	0.7	0.7	1.0	1.3	1.6	2.0	2.3	2.5	2.7
42.5°	0.6	0.6	0.7	0.7	1.1	1.4	1.8	2.2	2.5	2.8	3.3
40°	0.6	0.6	0.7	0.8	1.2	1.6	1.9	2.4	2.8	3.0	3.9
37.5°	0.6	0.6	0.7	0.9	1.2	1.7	2.1	2.6	3.0	3.4	4.5
35°	0.6	0.6	0.8	1.0	1.3	1.8	2.2	2.8	3.3	4.2	5.8
32.5°	0.6	0.6	0.8	1.0	1.4	1.9	2.4	3.0	3.6	5.1	8.2
30°	0.6	0.6	0.8	1.1	1.5	2.0	2.5	3.3	3.9	6.2	10.6
27.5°	0.6	0.6	0.8	1.2	1.6	2.1	2.7	3.5	4.4	7.4	12.9
25°	0.6	0.6	0.9	1.3	1.7	2.2	2.9	3.8	5.3	9.0	15.1
22.5°	0.6	0.6	0.9	1.3	1.8	2.3	3.1	4.0	6.3	10.9	18.1
20°	0.6	0.6	0.9	1.4	1.9	2.4	3.2	4.3	7.2	12.7	21.1
17.5°	0.6	0.6	1.0	1.5	2.0	2.5	3.4	4.5	8.2	14.3	24.0
15°	0.6	0.6	1.0	1.6	2.1	2.6	3.6	4.8	9.3	15.9	26.8
12.5°	0.6	0.6	1.0	1.6	2.2	2.7	3.7	5.2	10.4	17.3	29.5
10°	0.6	0.6	1.1	1.7	2.3	2.8	3.9	5.7	11.5	19.0	32.3
7.5°	0.6	0.6	1.1	1.7	2.3	2.9	4.0	6.1	12.7	20.6	35.1
5°	0.6	0.6	1.1	1.8	2.4	3.0	4.1	6.6	13.7	22.2	37.8
2.5°	0.6	0.6	1.2	1.9	2.4	3.0	4.2	7.0	14.7	23.6	40.1
0°	0.6	0.6	1.2	1.9	2.5	3.1	4.3	7.4	15.5	24.8	42.2
-2.5°	0.6	0.6	1.2	1.9	2.5	3.1	4.3	7.4	15.5	24.8	42.2
-5°	0.6	0.6	1.2	1.9	2.5	3.1	4.3	7.4	15.5	24.8	42.2
-7.5°	0.6	0.6	1.2	1.9	2.6	3.2	4.8	8.9	16.6	28.5	45.5
-10°	0.6	0.6	1.2	1.9	2.6	3.3	5.0	9.5	17.0	29.9	46.7
-12.5°	0.6	0.6	1.2	1.9	2.7	3.3	5.1	10.0	17.3	30.9	47.5
-15°	0.6	0.6	1.2	1.8	2.7	3.4	5.3	10.4	17.5	31.4	48.2
-17.5°	0.6	0.6	1.2	1.8	2.7	3.4	5.3	10.6	17.8	31.3	48.5
-20°	0.6	0.6	1.1	1.8	2.7	3.4	5.4	10.8	18.4	31.0	48.2
-22.5°	0.6	0.6	1.1	1.8	2.7	3.4	5.5	11.0	18.7	30.5	47.3

Classified

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

Scaled Data Report



REPORT NUMBER: P626580 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA1A-750-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	2.6	3.5	5.9	11.1	18.9	29.6	45.8
-25°	0.6	0.6	1.1	1.7	2.6	3.7	6.1	11.1	18.8	28.6	43.7
-27.5°	0.6	0.6	1.1	1.7	2.5	4.0	6.4	10.9	18.6	27.7	42.1
-30°	0.6	0.6	1.0	1.6	2.5	4.2	6.5	10.6	18.2	27.3	40.3
-32.5°	0.6	0.6	1.0	1.6	2.6	4.4	6.6	10.6	17.8	26.6	38.3
-35°	0.6	0.6	1.0	1.5	2.6	4.6	6.8	10.7	17.1	25.7	36.1
-37.5°	0.6	0.6	1.0	1.5	2.7	4.7	7.0	10.7	16.3	24.4	35.1
-40°	0.6	0.6	0.9	1.4	2.7	4.7	7.1	10.5	15.4	23.2	34.0
-42.5°	0.6	0.6	0.9	1.4	2.7	4.7	7.1	10.3	14.8	22.3	32.4
-45°	0.6	0.6	0.8	1.4	2.7	4.7	7.1	10.1	14.4	21.1	30.2
-47.5°	0.6	0.6	0.8	1.4	2.7	4.6	7.0	9.9	13.9	19.6	28.6
-50°	0.6	0.6	0.8	1.3	2.6	4.5	6.8	9.7	13.5	19.1	26.6
-52.5°	0.6	0.6	0.7	1.3	2.5	4.4	6.7	9.3	13.2	18.5	24.4
-55°	0.6	0.6	0.7	1.3	2.4	4.2	6.4	8.9	12.7	17.6	23.4
-57.5°	0.6	0.6	0.6	1.2	2.3	4.0	6.1	8.5	12.1	16.7	22.2
-60°	0.6	0.6	0.6	1.2	2.1	3.7	5.8	8.1	11.4	15.7	20.8
-62.5°	0.6	0.6	0.6	1.1	2.0	3.4	5.3	7.5	10.4	14.5	19.2
-65°	0.6	0.6	0.6	1.1	1.9	3.0	4.8	6.8	9.3	12.8	17.4
-67.5°	0.6	0.6	0.6	1.0	1.7	2.7	4.2	6.0	8.0	10.9	14.9
-70°	0.6	0.6	0.6	0.9	1.6	2.5	3.6	5.1	6.8	8.8	12.0
-72.5°	0.6	0.6	0.6	0.9	1.4	2.2	3.2	4.2	5.6	7.3	9.2
-75°	0.6	0.6	0.6	0.9	1.2	1.9	2.8	3.5	4.4	5.8	7.3
-77.5°	0.6	0.6	0.6	0.8	1.2	1.6	2.4	3.0	3.7	4.4	5.4
-80°	0.6	0.6	0.6	0.8	1.1	1.5	1.9	2.4	3.0	3.5	4.2
-82.5°	0.6	0.6	0.6	0.8	1.1	1.4	1.7	2.0	2.2	2.7	3.1
-85°	0.6	0.6	0.6	0.8	1.0	1.3	1.6	1.8	2.0	2.2	2.4
-87.5°	0.6	0.6	0.6	0.8	1.0	1.2	1.4	1.6	1.8	2.0	2.2
-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: P626580 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA1A-750-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°	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	2.1	2.2	2.4
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	1.1	1.0	0.7	0.9	1.1
60°	0.9	1.0	1.1	1.3	1.4	1.5	1.4	1.4	1.6	1.8	3.5
57.5°	1.2	1.3	1.5	1.7	1.9	1.9	2.0	2.1	4.9	8.0	8.8
55°	1.5	1.6	1.9	2.2	2.4	2.4	3.4	7.2	10.8	15.0	16.6
52.5°	1.9	2.1	2.5	2.9	3.1	4.8	8.6	13.7	19.1	23.9	30.1
50°	2.2	2.7	3.1	3.7	5.9	10.3	15.9	22.9	31.0	38.7	46.5
47.5°	2.8	3.3	4.0	5.8	11.5	17.7	25.5	36.7	46.7	56.0	66.7
45°	3.4	4.6	5.4	11.5	18.1	26.1	39.2	52.9	62.1	74.5	93.4
42.5°	4.1	6.4	10.3	17.3	25.4	38.3	54.5	66.3	78.4	98.4	118.4
40°	5.9	8.5	15.5	23.8	34.1	52.9	69.6	82.9	99.4	121.6	142.5
37.5°	8.1	13.0	20.8	30.8	47.7	68.4	86.2	105.2	124.2	145.1	183.9
35°	10.5	17.1	27.5	41.0	61.4	85.5	106.8	128.0	149.9	191.2	229.6
32.5°	13.6	21.0	34.5	52.9	76.2	102.6	127.4	151.8	186.9	233.7	272.3
30°	17.0	27.1	42.6	63.9	90.1	118.3	148.1	177.7	224.1	262.9	304.7
27.5°	20.6	33.6	52.2	75.4	103.1	133.1	166.7	209.0	250.4	288.7	334.6
25°	24.2	40.4	60.9	86.4	115.9	149.1	187.8	239.2	271.7	313.9	361.8
22.5°	28.9	46.8	69.5	96.3	127.8	165.5	214.9	266.5	304.7	340.2	387.0
20°	34.3	54.1	78.8	108.8	139.4	181.6	241.8	296.1	341.0	381.7	424.7
17.5°	39.4	60.9	88.8	121.6	156.3	202.2	268.2	328.3	377.7	423.1	476.8
15°	44.0	67.2	98.6	133.6	173.0	225.8	291.9	357.9	414.3	465.4	526.4
12.5°	48.3	73.0	108.0	144.9	188.7	246.1	311.8	376.2	438.2	504.8	574.0
10°	52.2	78.1	117.0	155.3	203.2	263.3	328.2	391.5	454.1	524.4	601.4
7.5°	56.3	83.0	125.1	164.8	216.4	277.5	341.4	403.8	466.8	540.2	619.3
5°	60.1	87.4	131.5	171.6	226.6	288.6	351.3	413.1	476.5	551.9	632.7
2.5°	63.5	91.2	136.7	176.9	234.2	296.7	357.7	420.9	483.8	561.5	643.0
0°	66.3	94.2	140.7	181.0	239.9	302.6	361.5	426.0	488.0	567.9	649.8
-2.5°	68.1	99.2	143.5	188.2	244.9	306.4	364.9	427.4	492.5	570.0	657.4
-5°	69.4	103.2	145.1	193.7	248.2	308.1	366.0	426.2	493.7	569.5	658.5
-7.5°	70.2	106.1	145.9	196.8	249.4	307.1	364.1	424.2	491.7	567.6	653.6
-10°	70.6	107.0	147.0	195.9	247.9	303.8	359.9	419.2	486.1	561.2	644.2
-12.5°	71.8	106.4	146.8	193.8	244.6	298.7	353.7	411.4	476.7	550.4	631.3
-15°	72.1	105.1	145.0	190.7	239.6	292.1	345.5	400.8	465.1	539.8	617.0
-17.5°	71.4	103.2	141.6	186.8	232.9	284.2	335.9	391.1	454.3	527.7	602.0
-20°	69.7	100.7	136.4	182.2	225.0	275.3	326.3	381.0	441.9	510.8	585.2



REPORT NUMBER: P626580 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA1A-750-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°	67.0	97.7	130.8	175.7	218.2	265.2	315.1	367.3	426.3	488.9	562.6
-25°	64.2	94.3	126.4	166.8	209.9	253.3	302.1	350.4	407.9	469.5	534.8
-27.5°	61.6	89.5	121.8	157.1	200.3	240.7	287.5	334.6	387.3	447.6	507.8
-30°	58.1	84.3	116.1	147.8	188.7	228.7	271.2	317.6	364.9	422.2	481.4
-32.5°	55.0	79.0	109.7	140.6	176.2	215.3	253.7	297.8	344.0	392.8	451.3
-35°	53.0	75.8	103.0	132.4	163.5	200.6	237.2	275.5	320.3	366.1	417.4
-37.5°	51.3	72.2	95.8	123.8	153.4	185.3	219.5	254.8	293.9	340.1	388.3
-40°	48.7	68.1	90.6	115.7	141.8	170.8	202.5	234.5	268.3	313.4	361.1
-42.5°	45.3	64.1	85.6	106.8	130.6	157.1	185.3	215.4	248.0	287.1	330.9
-45°	42.7	59.1	80.1	99.1	118.8	143.0	169.5	196.7	227.4	261.1	300.4
-47.5°	39.5	53.5	72.8	90.6	108.0	128.6	152.9	178.7	205.8	236.1	268.4
-50°	36.0	49.0	63.9	81.2	97.8	115.0	135.7	159.5	184.2	210.6	239.4
-52.5°	33.3	43.6	57.3	71.6	87.5	103.0	120.6	141.1	163.1	185.2	210.5
-55°	30.3	39.6	50.9	63.8	77.2	91.7	107.7	125.6	143.6	163.8	184.0
-57.5°	28.2	35.8	45.6	56.8	68.9	81.1	96.2	111.4	128.0	144.8	161.6
-60°	26.5	32.5	40.6	50.5	61.3	72.7	85.1	99.1	113.4	127.1	141.6
-62.5°	24.6	29.8	36.2	44.2	54.0	63.9	74.9	86.8	99.8	111.3	122.5
-65°	22.2	26.7	32.2	38.7	46.3	54.8	64.1	74.2	85.4	94.8	103.9
-67.5°	19.4	23.2	27.7	33.1	39.5	46.1	52.9	61.4	70.5	78.2	85.6
-70°	15.8	19.4	23.1	27.5	32.5	38.0	44.0	50.3	56.5	62.7	69.6
-72.5°	12.1	15.3	18.5	21.6	25.6	30.2	35.1	40.3	45.7	51.1	56.2
-75°	9.2	11.3	14.1	16.9	19.6	22.6	26.0	30.1	35.2	40.3	45.1
-77.5°	7.0	8.7	10.5	12.5	14.2	16.4	18.8	21.4	25.6	30.4	35.2
-80°	5.1	6.1	7.5	9.1	10.3	11.5	12.8	14.1	17.2	21.0	25.1
-82.5°	3.8	4.5	5.3	6.1	6.8	7.4	8.1	9.0	11.2	13.8	16.6
-85°	2.6	2.8	3.2	3.7	4.1	4.4	4.8	5.2	6.4	7.8	9.3
-87.5°	2.2	2.3	2.5	2.6	2.6	2.7	2.7	2.7	3.2	3.6	4.1
-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: P626580 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA1A-750-U-VWR-VSR-XX

CANDELA DISTRIBUTION (continued):

	-35°	-32.5°	-30°	-27.5°	-25°	-22.5°	-20°	-17.5°	-15°	-12.5°	-10°
90°	2.5	2.7	2.8	3.0	3.1	3.3	3.4	3.6	3.7	3.7	3.7
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	1.2	1.1	1.0	1.1
60°	3.6	2.4	2.8	3.6	3.3	2.3	3.7	4.2	3.6	2.5	2.4
57.5°	9.3	9.0	10.3	15.0	16.5	15.0	18.0	21.8	21.7	18.7	18.6
55°	19.8	26.6	34.7	36.0	41.7	53.1	62.0	58.1	58.1	61.0	70.4
52.5°	37.6	44.0	46.3	52.7	64.6	73.2	78.8	84.5	90.8	97.2	103.7
50°	55.2	61.4	68.4	74.9	91.4	100.2	98.7	110.6	125.8	135.3	140.2
47.5°	81.0	90.7	105.6	128.9	141.2	150.0	161.1	174.5	191.9	215.6	233.8
45°	111.3	126.6	149.7	174.4	193.5	202.1	214.8	235.6	263.4	290.4	310.2
42.5°	136.1	157.2	183.1	206.8	222.3	236.6	252.9	270.5	302.3	331.2	354.0
40°	168.4	184.9	214.0	236.3	250.2	264.3	290.2	316.5	346.4	373.4	392.0
37.5°	209.5	228.0	258.3	283.5	296.9	301.8	345.9	382.5	406.8	441.2	452.4
35°	253.5	284.0	322.6	355.3	368.4	394.6	440.0	491.0	546.4	566.8	584.1
32.5°	302.7	340.2	392.6	427.7	446.4	486.2	543.6	598.1	670.5	709.8	721.6
30°	347.6	390.7	435.7	469.8	501.9	549.8	602.1	669.4	736.3	786.6	802.1
27.5°	380.6	428.3	471.6	503.5	539.7	591.3	656.6	724.7	790.4	841.7	859.8
25°	412.1	466.0	500.3	537.4	579.9	636.1	708.5	784.1	848.9	892.1	914.5
22.5°	448.0	501.1	537.9	569.3	624.8	689.7	756.8	842.3	910.9	945.4	969.6
20°	485.0	545.1	601.9	631.1	679.1	761.3	836.5	917.2	983.4	1019.4	1044.8
17.5°	536.6	613.1	682.8	724.3	775.7	873.9	967.7	1049.4	1141.4	1173.9	1205.1
15°	591.0	679.6	761.3	826.9	893.3	990.6	1111.4	1209.9	1315.0	1361.9	1414.9
12.5°	645.2	729.1	803.1	887.7	981.4	1067.4	1182.4	1305.1	1400.4	1460.3	1496.0
10°	685.8	763.6	834.8	919.7	1013.2	1110.4	1224.8	1350.5	1450.3	1501.4	1530.5
7.5°	707.6	782.2	857.3	943.3	1036.3	1139.9	1257.7	1382.5	1484.5	1534.0	1562.8
5°	723.9	795.5	873.2	963.8	1057.8	1162.9	1280.5	1403.8	1496.9	1549.5	1585.8
2.5°	733.7	803.9	883.4	977.1	1071.3	1180.8	1304.1	1431.8	1513.2	1555.6	1589.0
0°	736.6	807.3	889.1	984.0	1080.7	1191.1	1313.2	1439.7	1522.2	1563.1	1597.2
-2.5°	739.8	812.6	896.6	988.5	1084.3	1194.4	1319.1	1442.4	1516.5	1557.8	1590.3
-5°	737.6	813.0	896.8	984.8	1081.3	1190.4	1310.1	1425.4	1503.0	1547.6	1579.9
-7.5°	730.9	807.4	890.3	974.8	1069.5	1180.0	1299.1	1410.1	1488.7	1535.8	1571.1
-10°	721.2	795.4	879.0	964.6	1058.1	1163.2	1280.6	1390.9	1466.2	1516.1	1557.3
-12.5°	710.4	783.1	863.7	945.8	1038.3	1142.1	1255.8	1360.2	1435.0	1489.5	1518.9
-15°	694.5	767.1	844.1	923.5	1013.7	1114.4	1223.1	1323.2	1396.7	1441.1	1473.5
-17.5°	674.2	745.5	818.5	893.8	978.7	1077.9	1187.2	1286.1	1345.9	1385.5	1417.5
-20°	652.5	718.4	787.5	858.6	941.0	1039.2	1146.5	1232.7	1289.1	1327.2	1357.3

Classified

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

Scaled Data Report



REPORT NUMBER: P626580 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA1A-750-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°	627.6	691.1	754.4	822.4	903.1	993.2	1088.0	1171.3	1232.0	1266.6	1294.5
-25°	599.3	661.1	721.2	786.8	861.0	942.0	1030.1	1112.0	1166.3	1203.1	1230.8
-27.5°	568.8	626.8	685.5	744.4	811.2	891.8	973.5	1049.5	1095.9	1133.0	1160.8
-30°	538.3	590.5	644.8	700.6	763.2	836.0	912.4	976.3	1025.2	1061.2	1087.1
-32.5°	505.3	554.9	603.0	655.1	714.1	778.2	845.2	906.0	958.3	991.3	1013.1
-35°	471.5	519.5	563.6	610.8	662.8	718.2	780.0	840.0	891.6	917.8	939.0
-37.5°	436.3	484.1	525.9	565.4	610.2	661.4	721.7	778.9	823.5	846.0	865.1
-40°	405.7	447.8	485.4	523.2	559.7	605.1	661.4	716.8	752.6	774.5	792.2
-42.5°	376.0	411.5	442.3	476.2	512.6	557.5	602.8	649.3	678.1	702.4	721.1
-45°	341.3	373.1	402.0	430.2	463.4	504.3	545.5	582.7	609.7	633.2	651.4
-47.5°	303.1	333.7	361.7	387.0	417.9	452.0	486.7	517.6	544.3	567.5	583.7
-50°	267.4	294.8	322.1	347.6	374.4	402.0	430.2	457.4	482.6	505.2	519.0
-52.5°	235.4	260.7	284.6	306.9	330.4	353.7	377.0	401.9	425.1	446.4	457.5
-55°	206.4	229.2	250.8	269.6	288.5	307.0	327.0	349.9	371.3	391.1	399.0
-57.5°	180.5	200.0	219.1	235.0	250.4	265.1	282.7	302.1	320.8	337.7	344.2
-60°	156.6	172.1	188.1	202.2	215.6	228.2	243.5	259.1	274.3	287.1	292.6
-62.5°	134.6	147.9	160.0	171.5	182.8	194.1	206.5	218.9	231.2	241.0	246.0
-65°	113.5	124.0	133.7	143.2	152.3	161.9	171.6	181.0	190.1	197.1	201.4
-67.5°	93.6	101.6	109.3	116.7	124.3	132.1	139.6	146.9	153.7	159.1	163.2
-70°	76.0	82.2	88.2	94.3	100.7	106.7	112.4	117.8	122.9	126.8	130.0
-72.5°	61.3	66.3	71.5	77.0	82.2	86.7	90.7	94.7	98.5	100.7	102.3
-75°	49.4	53.7	58.2	62.6	66.9	70.3	73.3	76.3	79.0	79.2	78.6
-77.5°	39.9	43.7	47.2	50.7	54.1	56.2	58.1	60.0	61.9	60.8	59.0
-80°	29.3	32.4	35.4	38.4	41.4	42.6	43.5	44.3	44.9	43.4	41.7
-82.5°	19.4	21.4	23.3	25.3	27.3	28.1	28.7	29.2	29.6	28.3	26.8
-85°	10.9	11.8	12.7	13.7	14.6	15.2	15.7	16.2	16.6	15.8	14.9
-87.5°	4.5	4.8	5.0	5.2	5.4	5.6	5.7	5.9	6.1	6.1	6.2
-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: P626580 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA1A-750-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°	3.7	3.7	3.7	3.7	3.7	3.7	3.7	3.7	3.7	3.7	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°	0.0	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	1.2
60°	2.2	2.0	1.9	1.9	1.9	2.0	2.2	2.4	2.5	3.6	4.2
57.5°	17.2	14.8	15.1	16.7	15.1	14.8	17.2	18.6	18.7	21.7	21.8
55°	80.3	89.7	92.9	91.1	92.9	89.7	80.3	70.4	61.0	58.1	58.1
52.5°	108.8	112.7	114.1	114.1	114.1	112.7	108.8	103.7	97.2	90.8	84.5
50°	141.7	140.4	138.4	136.4	138.4	140.4	141.7	140.2	135.3	125.8	110.6
47.5°	236.4	232.4	230.6	233.7	230.6	232.4	236.4	233.8	215.6	191.9	174.5
45°	314.2	319.0	322.6	322.4	322.6	319.0	314.2	310.2	290.4	263.4	235.6
42.5°	358.5	361.0	361.8	360.9	361.8	361.0	358.5	354.0	331.2	302.3	270.5
40°	397.9	401.0	402.7	404.3	402.7	401.0	397.9	392.0	373.4	346.4	316.5
37.5°	456.1	457.3	454.8	453.2	454.8	457.3	456.1	452.4	441.2	406.8	382.5
35°	598.8	601.6	594.9	602.0	594.9	601.6	598.8	584.1	566.8	546.4	491.0
32.5°	735.5	749.2	760.3	769.5	760.3	749.2	735.5	721.6	709.8	670.5	598.1
30°	813.0	821.8	826.6	827.7	826.6	821.8	813.0	802.1	786.6	736.3	669.4
27.5°	869.9	879.2	885.0	889.1	885.0	879.2	869.9	859.8	841.7	790.4	724.7
25°	924.7	933.2	939.0	941.2	939.0	933.2	924.7	914.5	892.1	848.9	784.1
22.5°	981.6	987.5	993.0	995.8	993.0	987.5	981.6	969.6	945.4	910.9	842.3
20°	1063.2	1060.0	1065.0	1063.3	1065.0	1060.0	1063.2	1044.8	1019.4	983.4	917.2
17.5°	1229.4	1231.1	1234.5	1240.1	1234.5	1231.1	1229.4	1205.1	1173.9	1141.4	1049.4
15°	1438.4	1442.7	1464.1	1483.1	1464.1	1442.7	1438.4	1414.9	1361.9	1315.0	1209.9
12.5°	1529.1	1543.7	1546.0	1551.3	1546.0	1543.7	1529.1	1496.0	1460.3	1400.4	1305.1
10°	1559.4	1584.6	1584.0	1590.4	1584.0	1584.6	1559.4	1530.5	1501.4	1450.3	1350.5
7.5°	1582.3	1609.4	1620.9	1625.7	1620.9	1609.4	1582.3	1562.8	1534.0	1484.5	1382.5
5°	1610.4	1625.2	1645.0	1639.3	1645.0	1625.2	1610.4	1585.8	1549.5	1496.9	1403.8
2.5°	1622.1	1645.4	1640.0	1645.5	1640.0	1645.4	1622.1	1589.0	1555.6	1513.2	1431.8
0°	1630.0	1646.8	1649.3	1654.8	1649.3	1646.8	1630.0	1597.2	1563.1	1522.2	1439.7
-2.5°	1620.4	1635.2	1661.0	1653.0	1661.0	1635.2	1620.4	1590.3	1557.8	1516.5	1442.4
-5°	1612.0	1648.3	1634.2	1651.7	1634.2	1648.3	1612.0	1579.9	1547.6	1503.0	1425.4
-7.5°	1607.7	1614.1	1623.5	1636.9	1623.5	1614.1	1607.7	1571.1	1535.8	1488.7	1410.1
-10°	1574.0	1580.6	1597.8	1607.1	1597.8	1580.6	1574.0	1557.3	1516.1	1466.2	1390.9
-12.5°	1537.5	1550.3	1568.4	1574.2	1568.4	1550.3	1537.5	1518.9	1489.5	1435.0	1360.2
-15°	1495.5	1514.5	1532.1	1535.8	1532.1	1514.5	1495.5	1473.5	1441.1	1396.7	1323.2
-17.5°	1442.0	1464.9	1483.3	1487.4	1483.3	1464.9	1442.0	1417.5	1385.5	1345.9	1286.1
-20°	1383.1	1405.0	1420.7	1425.4	1420.7	1405.0	1383.1	1357.3	1327.2	1289.1	1232.7



REPORT NUMBER: P626580 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA1A-750-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°	1320.0	1339.7	1353.0	1351.0	1353.0	1339.7	1320.0	1294.5	1266.6	1232.0	1171.3
-25°	1253.1	1271.4	1284.0	1282.2	1284.0	1271.4	1253.1	1230.8	1203.1	1166.3	1112.0
-27.5°	1182.3	1199.6	1211.8	1212.2	1211.8	1199.6	1182.3	1160.8	1133.0	1095.9	1049.5
-30°	1107.9	1123.6	1133.5	1129.7	1133.5	1123.6	1107.9	1087.1	1061.2	1025.2	976.3
-32.5°	1031.2	1045.4	1054.4	1057.1	1054.4	1045.4	1031.2	1013.1	991.3	958.3	906.0
-35°	955.5	968.0	975.9	977.8	975.9	968.0	955.5	939.0	917.8	891.6	840.0
-37.5°	880.3	891.1	896.6	894.1	896.6	891.1	880.3	865.1	846.0	823.5	778.9
-40°	806.0	816.3	822.5	824.0	822.5	816.3	806.0	792.2	774.5	752.6	716.8
-42.5°	732.9	741.5	747.0	749.6	747.0	741.5	732.9	721.1	702.4	678.1	649.3
-45°	662.0	669.6	674.8	677.7	674.8	669.6	662.0	651.4	633.2	609.7	582.7
-47.5°	593.0	599.7	604.2	606.4	604.2	599.7	593.0	583.7	567.5	544.3	517.6
-50°	527.1	532.9	537.1	539.4	537.1	532.9	527.1	519.0	505.2	482.6	457.4
-52.5°	464.5	469.6	473.1	474.9	473.1	469.6	464.5	457.5	446.4	425.1	401.9
-55°	404.8	408.9	412.2	414.2	412.2	408.9	404.8	399.0	391.1	371.3	349.9
-57.5°	349.1	352.5	355.6	357.8	355.6	352.5	349.1	344.2	337.7	320.8	302.1
-60°	297.0	300.1	302.8	304.4	302.8	300.1	297.0	292.6	287.1	274.3	259.1
-62.5°	249.9	252.7	255.1	256.7	255.1	252.7	249.9	246.0	241.0	231.2	218.9
-65°	204.8	207.3	209.1	210.2	209.1	207.3	204.8	201.4	197.1	190.1	181.0
-67.5°	166.8	169.6	170.2	169.9	170.2	169.6	166.8	163.2	159.1	153.7	146.9
-70°	132.8	135.3	135.9	135.8	135.9	135.3	132.8	130.0	126.8	122.9	117.8
-72.5°	103.9	105.2	104.0	102.3	104.0	105.2	103.9	102.3	100.7	98.5	94.7
-75°	77.9	77.1	75.9	74.4	75.9	77.1	77.9	78.6	79.2	79.0	76.3
-77.5°	57.1	55.0	53.6	52.1	53.6	55.0	57.1	59.0	60.8	61.9	60.0
-80°	39.7	37.7	36.2	34.7	36.2	37.7	39.7	41.7	43.4	44.9	44.3
-82.5°	25.2	23.5	22.6	21.7	22.6	23.5	25.2	26.8	28.3	29.6	29.2
-85°	14.0	13.0	12.4	11.8	12.4	13.0	14.0	14.9	15.8	16.6	16.2
-87.5°	6.2	6.2	5.9	5.6	5.9	6.2	6.2	6.2	6.1	6.1	5.9
-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: P626580 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA1A-750-U-VWR-VSR-XX

CANDELA DISTRIBUTION (continued):

	20°	22.5°	25°	27.5°	30°	32.5°	35°	37.5°	40°	42.5°	45°
90°	3.4	3.3	3.1	3.0	2.8	2.7	2.5	2.4	2.2	2.1	1.9
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	1.1	0.9	0.7	1.0
60°	3.7	2.3	3.3	3.6	2.8	2.4	3.6	3.5	1.8	1.6	1.4
57.5°	18.0	15.0	16.5	15.0	10.3	9.0	9.3	8.8	8.0	4.9	2.1
55°	62.0	53.1	41.7	36.0	34.7	26.6	19.8	16.6	15.0	10.8	7.2
52.5°	78.8	73.2	64.6	52.7	46.3	44.0	37.6	30.1	23.9	19.1	13.7
50°	98.7	100.2	91.4	74.9	68.4	61.4	55.2	46.5	38.7	31.0	22.9
47.5°	161.1	150.0	141.2	128.9	105.6	90.7	81.0	66.7	56.0	46.7	36.7
45°	214.8	202.1	193.5	174.4	149.7	126.6	111.3	93.4	74.5	62.1	52.9
42.5°	252.9	236.6	222.3	206.8	183.1	157.2	136.1	118.4	98.4	78.4	66.3
40°	290.2	264.3	250.2	236.3	214.0	184.9	168.4	142.5	121.6	99.4	82.9
37.5°	345.9	301.8	296.9	283.5	258.3	228.0	209.5	183.9	145.1	124.2	105.2
35°	440.0	394.6	368.4	355.3	322.6	284.0	253.5	229.6	191.2	149.9	128.0
32.5°	543.6	486.2	446.4	427.7	392.6	340.2	302.7	272.3	233.7	186.9	151.8
30°	602.1	549.8	501.9	469.8	435.7	390.7	347.6	304.7	262.9	224.1	177.7
27.5°	656.6	591.3	539.7	503.5	471.6	428.3	380.6	334.6	288.7	250.4	209.0
25°	708.5	636.1	579.9	537.4	500.3	466.0	412.1	361.8	313.9	271.7	239.2
22.5°	756.8	689.7	624.8	569.3	537.9	501.1	448.0	387.0	340.2	304.7	266.5
20°	836.5	761.3	679.1	631.1	601.9	545.1	485.0	424.7	381.7	341.0	296.1
17.5°	967.7	873.9	775.7	724.3	682.8	613.1	536.6	476.8	423.1	377.7	328.3
15°	1111.4	990.6	893.3	826.9	761.3	679.6	591.0	526.4	465.4	414.3	357.9
12.5°	1182.4	1067.4	981.4	887.7	803.1	729.1	645.2	574.0	504.8	438.2	376.2
10°	1224.8	1110.4	1013.2	919.7	834.8	763.6	685.8	601.4	524.4	454.1	391.5
7.5°	1257.7	1139.9	1036.3	943.3	857.3	782.2	707.6	619.3	540.2	466.8	403.8
5°	1280.5	1162.9	1057.8	963.8	873.2	795.5	723.9	632.7	551.9	476.5	413.1
2.5°	1304.1	1180.8	1071.3	977.1	883.4	803.9	733.7	643.0	561.5	483.8	420.9
0°	1313.2	1191.1	1080.7	984.0	889.1	807.3	736.6	649.8	567.9	488.0	426.0
-2.5°	1319.1	1194.4	1084.3	988.5	896.6	812.6	739.8	657.4	570.0	492.5	427.4
-5°	1310.1	1190.4	1081.3	984.8	896.8	813.0	737.6	658.5	569.5	493.7	426.2
-7.5°	1299.1	1180.0	1069.5	974.8	890.3	807.4	730.9	653.6	567.6	491.7	424.2
-10°	1280.6	1163.2	1058.1	964.6	879.0	795.4	721.2	644.2	561.2	486.1	419.2
-12.5°	1255.8	1142.1	1038.3	945.8	863.7	783.1	710.4	631.3	550.4	476.7	411.4
-15°	1223.1	1114.4	1013.7	923.5	844.1	767.1	694.5	617.0	539.8	465.1	400.8
-17.5°	1187.2	1077.9	978.7	893.8	818.5	745.5	674.2	602.0	527.7	454.3	391.1
-20°	1146.5	1039.2	941.0	858.6	787.5	718.4	652.5	585.2	510.8	441.9	381.0



REPORT NUMBER: P626580 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA1A-750-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°	1088.0	993.2	903.1	822.4	754.4	691.1	627.6	562.6	488.9	426.3	367.3
-25°	1030.1	942.0	861.0	786.8	721.2	661.1	599.3	534.8	469.5	407.9	350.4
-27.5°	973.5	891.8	811.2	744.4	685.5	626.8	568.8	507.8	447.6	387.3	334.6
-30°	912.4	836.0	763.2	700.6	644.8	590.5	538.3	481.4	422.2	364.9	317.6
-32.5°	845.2	778.2	714.1	655.1	603.0	554.9	505.3	451.3	392.8	344.0	297.8
-35°	780.0	718.2	662.8	610.8	563.6	519.5	471.5	417.4	366.1	320.3	275.5
-37.5°	721.7	661.4	610.2	565.4	525.9	484.1	436.3	388.3	340.1	293.9	254.8
-40°	661.4	605.1	559.7	523.2	485.4	447.8	405.7	361.1	313.4	268.3	234.5
-42.5°	602.8	557.5	512.6	476.2	442.3	411.5	376.0	330.9	287.1	248.0	215.4
-45°	545.5	504.3	463.4	430.2	402.0	373.1	341.3	300.4	261.1	227.4	196.7
-47.5°	486.7	452.0	417.9	387.0	361.7	333.7	303.1	268.4	236.1	205.8	178.7
-50°	430.2	402.0	374.4	347.6	322.1	294.8	267.4	239.4	210.6	184.2	159.5
-52.5°	377.0	353.7	330.4	306.9	284.6	260.7	235.4	210.5	185.2	163.1	141.1
-55°	327.0	307.0	288.5	269.6	250.8	229.2	206.4	184.0	163.8	143.6	125.6
-57.5°	282.7	265.1	250.4	235.0	219.1	200.0	180.5	161.6	144.8	128.0	111.4
-60°	243.5	228.2	215.6	202.2	188.1	172.1	156.6	141.6	127.1	113.4	99.1
-62.5°	206.5	194.1	182.8	171.5	160.0	147.9	134.6	122.5	111.3	99.8	86.8
-65°	171.6	161.9	152.3	143.2	133.7	124.0	113.5	103.9	94.8	85.4	74.2
-67.5°	139.6	132.1	124.3	116.7	109.3	101.6	93.6	85.6	78.2	70.5	61.4
-70°	112.4	106.7	100.7	94.3	88.2	82.2	76.0	69.6	62.7	56.5	50.3
-72.5°	90.7	86.7	82.2	77.0	71.5	66.3	61.3	56.2	51.1	45.7	40.3
-75°	73.3	70.3	66.9	62.6	58.2	53.7	49.4	45.1	40.3	35.2	30.1
-77.5°	58.1	56.2	54.1	50.7	47.2	43.7	39.9	35.2	30.4	25.6	21.4
-80°	43.5	42.6	41.4	38.4	35.4	32.4	29.3	25.1	21.0	17.2	14.1
-82.5°	28.7	28.1	27.3	25.3	23.3	21.4	19.4	16.6	13.8	11.2	9.0
-85°	15.7	15.2	14.6	13.7	12.7	11.8	10.9	9.3	7.8	6.4	5.2
-87.5°	5.7	5.6	5.4	5.2	5.0	4.8	4.5	4.1	3.6	3.2	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: P626580 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA1A-750-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°	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.7	1.6	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°	1.1	1.0	1.0	0.9	0.8	0.7	0.6	0.8	0.9	0.8	0.7
60°	1.4	1.5	1.4	1.3	1.1	1.0	0.9	1.0	1.1	1.0	0.9
57.5°	2.0	1.9	1.9	1.7	1.5	1.3	1.2	1.2	1.2	1.2	1.0
55°	3.4	2.4	2.4	2.2	1.9	1.6	1.5	1.5	1.5	1.4	1.2
52.5°	8.6	4.8	3.1	2.9	2.5	2.1	1.9	1.8	1.7	1.6	1.4
50°	15.9	10.3	5.9	3.7	3.1	2.7	2.2	2.1	2.0	1.9	1.6
47.5°	25.5	17.7	11.5	5.8	4.0	3.3	2.8	2.4	2.2	2.1	1.8
45°	39.2	26.1	18.1	11.5	5.4	4.6	3.4	2.7	2.5	2.3	2.0
42.5°	54.5	38.3	25.4	17.3	10.3	6.4	4.1	3.3	2.8	2.5	2.2
40°	69.6	52.9	34.1	23.8	15.5	8.5	5.9	3.9	3.0	2.8	2.4
37.5°	86.2	68.4	47.7	30.8	20.8	13.0	8.1	4.5	3.4	3.0	2.6
35°	106.8	85.5	61.4	41.0	27.5	17.1	10.5	5.8	4.2	3.3	2.8
32.5°	127.4	102.6	76.2	52.9	34.5	21.0	13.6	8.2	5.1	3.6	3.0
30°	148.1	118.3	90.1	63.9	42.6	27.1	17.0	10.6	6.2	3.9	3.3
27.5°	166.7	133.1	103.1	75.4	52.2	33.6	20.6	12.9	7.4	4.4	3.5
25°	187.8	149.1	115.9	86.4	60.9	40.4	24.2	15.1	9.0	5.3	3.8
22.5°	214.9	165.5	127.8	96.3	69.5	46.8	28.9	18.1	10.9	6.3	4.0
20°	241.8	181.6	139.4	108.8	78.8	54.1	34.3	21.1	12.7	7.2	4.3
17.5°	268.2	202.2	156.3	121.6	88.8	60.9	39.4	24.0	14.3	8.2	4.5
15°	291.9	225.8	173.0	133.6	98.6	67.2	44.0	26.8	15.9	9.3	4.8
12.5°	311.8	246.1	188.7	144.9	108.0	73.0	48.3	29.5	17.3	10.4	5.2
10°	328.2	263.3	203.2	155.3	117.0	78.1	52.2	32.3	19.0	11.5	5.7
7.5°	341.4	277.5	216.4	164.8	125.1	83.0	56.3	35.1	20.6	12.7	6.1
5°	351.3	288.6	226.6	171.6	131.5	87.4	60.1	37.8	22.2	13.7	6.6
2.5°	357.7	296.7	234.2	176.9	136.7	91.2	63.5	40.1	23.6	14.7	7.0
0°	361.5	302.6	239.9	181.0	140.7	94.2	66.3	42.2	24.8	15.5	7.4
-2.5°	364.9	306.4	244.9	188.2	143.5	99.2	68.1	44.0	26.8	16.1	8.2
-5°	366.0	308.1	248.2	193.7	145.1	103.2	69.4	45.5	28.5	16.6	8.9
-7.5°	364.1	307.1	249.4	196.8	145.9	106.1	70.2	46.7	29.9	17.0	9.5
-10°	359.9	303.8	247.9	195.9	147.0	107.0	70.6	47.5	30.9	17.3	10.0
-12.5°	353.7	298.7	244.6	193.8	146.8	106.4	71.8	48.2	31.4	17.5	10.4
-15°	345.5	292.1	239.6	190.7	145.0	105.1	72.1	48.5	31.3	17.8	10.6
-17.5°	335.9	284.2	232.9	186.8	141.6	103.2	71.4	48.2	31.0	18.4	10.8
-20°	326.3	275.3	225.0	182.2	136.4	100.7	69.7	47.3	30.5	18.7	11.0

Classified

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

Scaled Data Report



REPORT NUMBER: P626580 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA1A-750-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°	315.1	265.2	218.2	175.7	130.8	97.7	67.0	45.8	29.6	18.9	11.1
-25°	302.1	253.3	209.9	166.8	126.4	94.3	64.2	43.7	28.6	18.8	11.1
-27.5°	287.5	240.7	200.3	157.1	121.8	89.5	61.6	42.1	27.7	18.6	10.9
-30°	271.2	228.7	188.7	147.8	116.1	84.3	58.1	40.3	27.3	18.2	10.6
-32.5°	253.7	215.3	176.2	140.6	109.7	79.0	55.0	38.3	26.6	17.8	10.6
-35°	237.2	200.6	163.5	132.4	103.0	75.8	53.0	36.1	25.7	17.1	10.7
-37.5°	219.5	185.3	153.4	123.8	95.8	72.2	51.3	35.1	24.4	16.3	10.7
-40°	202.5	170.8	141.8	115.7	90.6	68.1	48.7	34.0	23.2	15.4	10.5
-42.5°	185.3	157.1	130.6	106.8	85.6	64.1	45.3	32.4	22.3	14.8	10.3
-45°	169.5	143.0	118.8	99.1	80.1	59.1	42.7	30.2	21.1	14.4	10.1
-47.5°	152.9	128.6	108.0	90.6	72.8	53.5	39.5	28.6	19.6	13.9	9.9
-50°	135.7	115.0	97.8	81.2	63.9	49.0	36.0	26.6	19.1	13.5	9.7
-52.5°	120.6	103.0	87.5	71.6	57.3	43.6	33.3	24.4	18.5	13.2	9.3
-55°	107.7	91.7	77.2	63.8	50.9	39.6	30.3	23.4	17.6	12.7	8.9
-57.5°	96.2	81.1	68.9	56.8	45.6	35.8	28.2	22.2	16.7	12.1	8.5
-60°	85.1	72.7	61.3	50.5	40.6	32.5	26.5	20.8	15.7	11.4	8.1
-62.5°	74.9	63.9	54.0	44.2	36.2	29.8	24.6	19.2	14.5	10.4	7.5
-65°	64.1	54.8	46.3	38.7	32.2	26.7	22.2	17.4	12.8	9.3	6.8
-67.5°	52.9	46.1	39.5	33.1	27.7	23.2	19.4	14.9	10.9	8.0	6.0
-70°	44.0	38.0	32.5	27.5	23.1	19.4	15.8	12.0	8.8	6.8	5.1
-72.5°	35.1	30.2	25.6	21.6	18.5	15.3	12.1	9.2	7.3	5.6	4.2
-75°	26.0	22.6	19.6	16.9	14.1	11.3	9.2	7.3	5.8	4.4	3.5
-77.5°	18.8	16.4	14.2	12.5	10.5	8.7	7.0	5.4	4.4	3.7	3.0
-80°	12.8	11.5	10.3	9.1	7.5	6.1	5.1	4.2	3.5	3.0	2.4
-82.5°	8.1	7.4	6.8	6.1	5.3	4.5	3.8	3.1	2.7	2.2	2.0
-85°	4.8	4.4	4.1	3.7	3.2	2.8	2.6	2.4	2.2	2.0	1.8
-87.5°	2.7	2.7	2.6	2.6	2.5	2.3	2.2	2.2	2.0	1.8	1.6
-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: P626580 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA1A-750-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	1.1	0.8	0.6	0.6	0.6	0.6
47.5°	1.5	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°	1.8	1.4	1.1	0.7	0.7	0.6	0.6
40°	1.9	1.6	1.2	0.8	0.7	0.6	0.6
37.5°	2.1	1.7	1.2	0.9	0.7	0.6	0.6
35°	2.2	1.8	1.3	1.0	0.8	0.6	0.6
32.5°	2.4	1.9	1.4	1.0	0.8	0.6	0.6
30°	2.5	2.0	1.5	1.1	0.8	0.6	0.6
27.5°	2.7	2.1	1.6	1.2	0.8	0.6	0.6
25°	2.9	2.2	1.7	1.3	0.9	0.6	0.6
22.5°	3.1	2.3	1.8	1.3	0.9	0.6	0.6
20°	3.2	2.4	1.9	1.4	0.9	0.6	0.6
17.5°	3.4	2.5	2.0	1.5	1.0	0.6	0.6
15°	3.6	2.6	2.1	1.6	1.0	0.6	0.6
12.5°	3.7	2.7	2.2	1.6	1.0	0.6	0.6
10°	3.9	2.8	2.3	1.7	1.1	0.6	0.6
7.5°	4.0	2.9	2.3	1.7	1.1	0.6	0.6
5°	4.1	3.0	2.4	1.8	1.1	0.6	0.6
2.5°	4.2	3.0	2.4	1.9	1.2	0.6	0.6
0°	4.3	3.1	2.5	1.9	1.2	0.6	0.6
-2.5°	4.5	3.2	2.6	1.9	1.2	0.6	0.6
-5°	4.8	3.2	2.6	1.9	1.2	0.6	0.6
-7.5°	5.0	3.3	2.6	1.9	1.2	0.6	0.6
-10°	5.1	3.3	2.7	1.9	1.2	0.6	0.6
-12.5°	5.3	3.4	2.7	1.8	1.2	0.6	0.6
-15°	5.3	3.4	2.7	1.8	1.2	0.6	0.6
-17.5°	5.4	3.4	2.7	1.8	1.1	0.6	0.6
-20°	5.5	3.4	2.7	1.8	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: P626580 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA1A-750-U-VWR-VSR-XX

CANDELA DISTRIBUTION (continued):

	75°	77.5°	80°	82.5°	85°	87.5°	90°
-22.5°	5.9	3.5	2.6	1.7	1.1	0.6	0.6
-25°	6.1	3.7	2.6	1.7	1.1	0.6	0.6
-27.5°	6.4	4.0	2.5	1.7	1.1	0.6	0.6
-30°	6.5	4.2	2.5	1.6	1.0	0.6	0.6
-32.5°	6.6	4.4	2.6	1.6	1.0	0.6	0.6
-35°	6.8	4.6	2.6	1.5	1.0	0.6	0.6
-37.5°	7.0	4.7	2.7	1.5	1.0	0.6	0.6
-40°	7.1	4.7	2.7	1.4	0.9	0.6	0.6
-42.5°	7.1	4.7	2.7	1.4	0.9	0.6	0.6
-45°	7.1	4.7	2.7	1.4	0.8	0.6	0.6
-47.5°	7.0	4.6	2.7	1.4	0.8	0.6	0.6
-50°	6.8	4.5	2.6	1.3	0.8	0.6	0.6
-52.5°	6.7	4.4	2.5	1.3	0.7	0.6	0.6
-55°	6.4	4.2	2.4	1.3	0.7	0.6	0.6
-57.5°	6.1	4.0	2.3	1.2	0.6	0.6	0.6
-60°	5.8	3.7	2.1	1.2	0.6	0.6	0.6
-62.5°	5.3	3.4	2.0	1.1	0.6	0.6	0.6
-65°	4.8	3.0	1.9	1.1	0.6	0.6	0.6
-67.5°	4.2	2.7	1.7	1.0	0.6	0.6	0.6
-70°	3.6	2.5	1.6	0.9	0.6	0.6	0.6
-72.5°	3.2	2.2	1.4	0.9	0.6	0.6	0.6
-75°	2.8	1.9	1.2	0.9	0.6	0.6	0.6
-77.5°	2.4	1.6	1.2	0.8	0.6	0.6	0.6
-80°	1.9	1.5	1.1	0.8	0.6	0.6	0.6
-82.5°	1.7	1.4	1.1	0.8	0.6	0.6	0.6
-85°	1.6	1.3	1.0	0.8	0.6	0.6	0.6
-87.5°	1.4	1.2	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)