

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: P626662 (CONVERTED FROM TYPE C PHOTOMETRY)

Luminaire Tested: **GFLD-SA1C-727-U-WR-VSR-XX**

Issue Date: 12/7/2022

Test Information

Test Method: LM-79-08
Report Number: P626662 (CONVERTED FROM TYPE C PHOTOMETRY)
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G2-2209-766-7)
Test Lab: COOPER LIGHTING SOLUTIONS
Issue Date: 12/7/2022
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: MCGRAW-EDISON
Catalog Number: GFLD-SA1C-727-U-WR-VSR-XX
Description: GALLEON FLOOD, ONE LIGHT SQAURE, WIDE SYMMETRICAL ROUND N6 WITH VISOR
Light Source: (16) 2700K CCT, 70 CRI LEDS
Ballast/Driver: -

Summary

Lumens per Lamp: N/A
Luminaire Lumens: 3982.6 lumens
Efficiency: N/A
Efficacy: 91.6 lumens/watt
Luminous Opening: Rectangular (W 0.5' x L: 0.5' x H: 0')

NEMA Type: 5H x 5V
Max Intensity: 4514.4 candela
Max Intensity Angle: 0°H x 0°V

Beam Angle (50%): 50.9°H x 47.1°V
Beam Lumens: 1917.5 lumens
Beam Efficiency: 48.1%

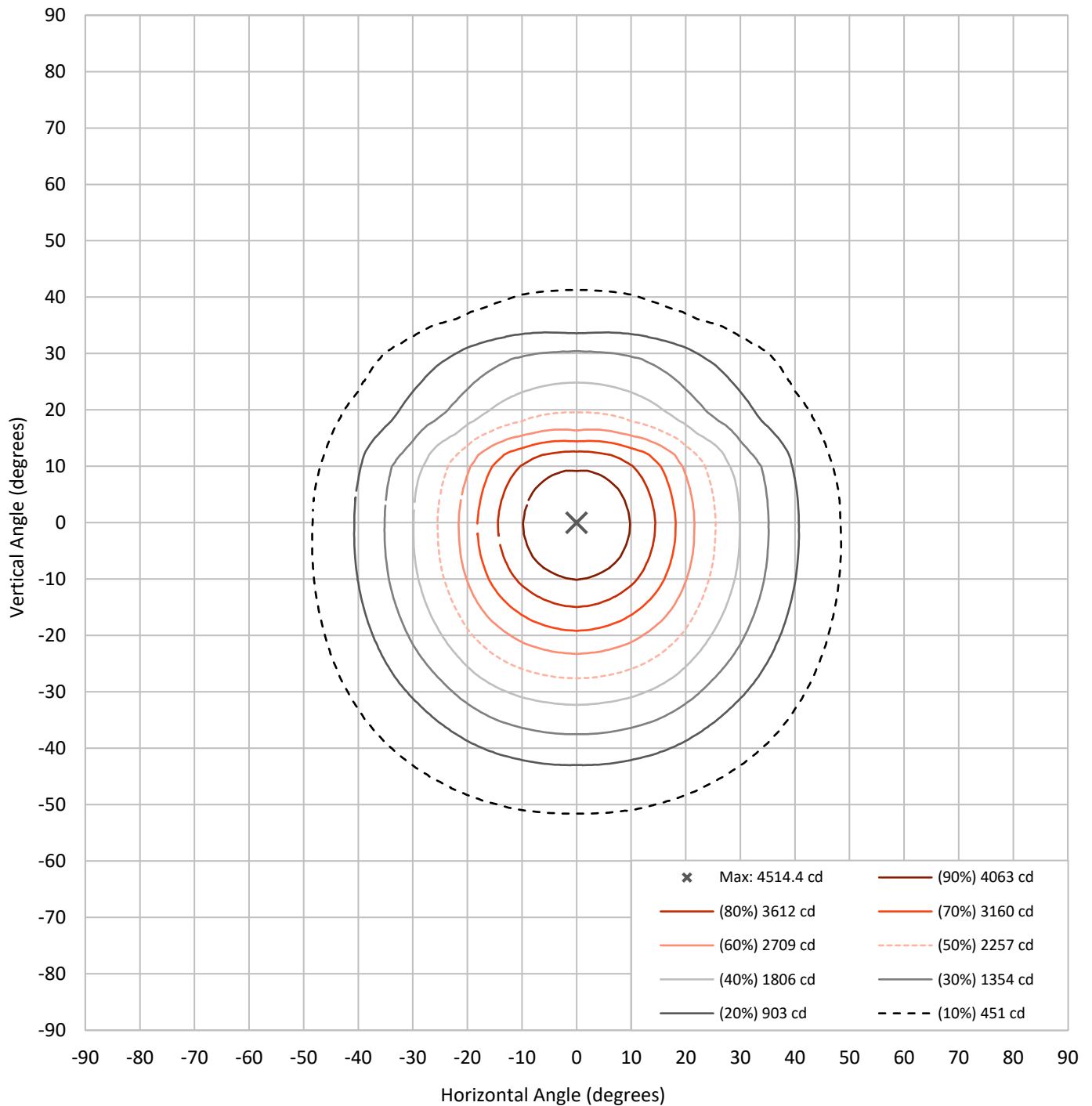
Field Angle (10%): 96.7°H x 92.9°V
Field Lumens: 3565.8 lumens
Field Efficiency: 89.5%

Input Watts (W): 43.5
Input Voltage (V): 120
Input Current (Ain): NR
Voltage Rise (V): NR
Power Factor: NR
Total Harmonic Distortion (THDi): NR
Frequency (hertz): 60
Stabilization Time: NR
Operation Time: NR
Ambient Temperature (°C): NR
Test Distance: 25 FT



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Iso-Candela Plot

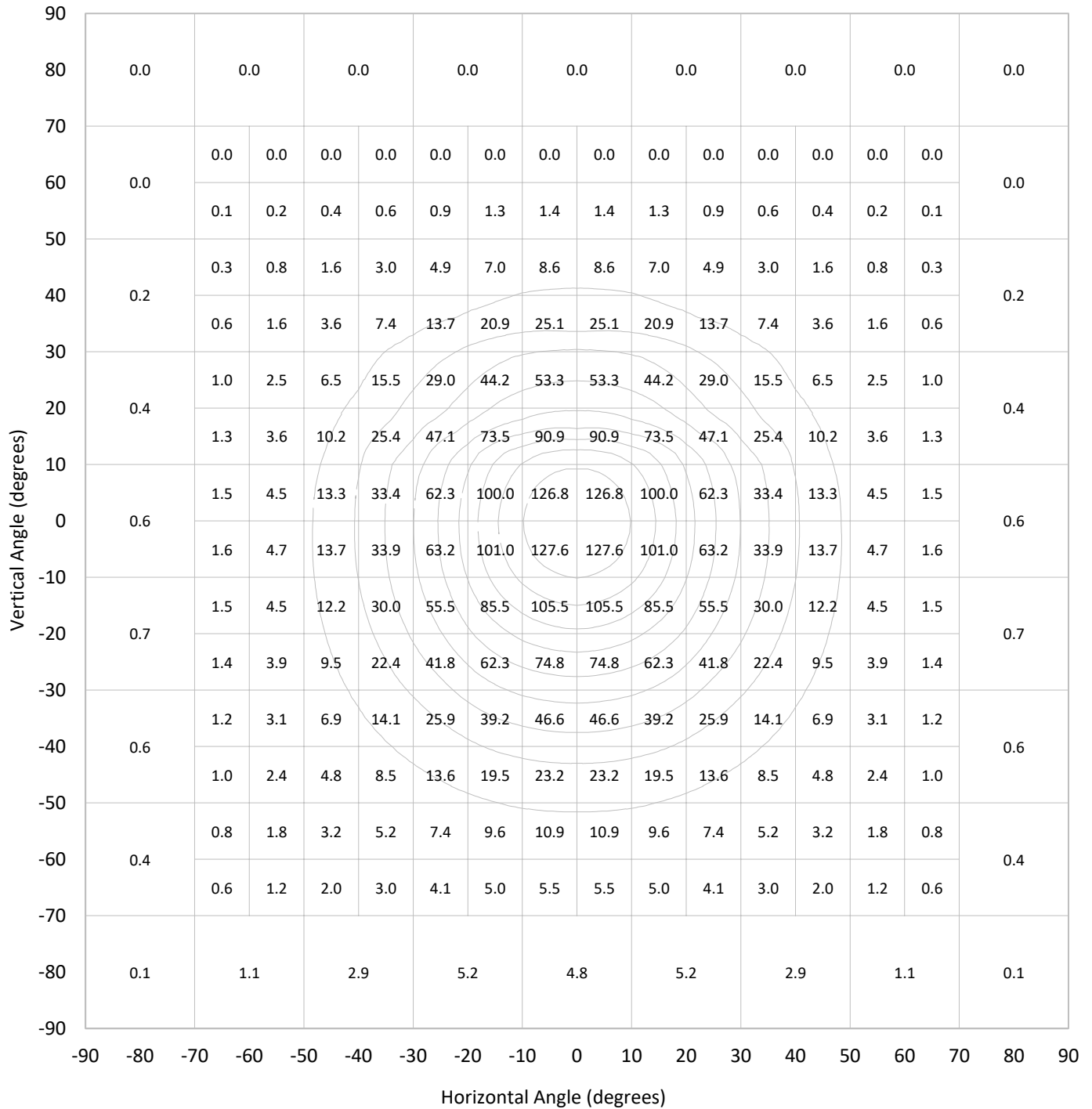




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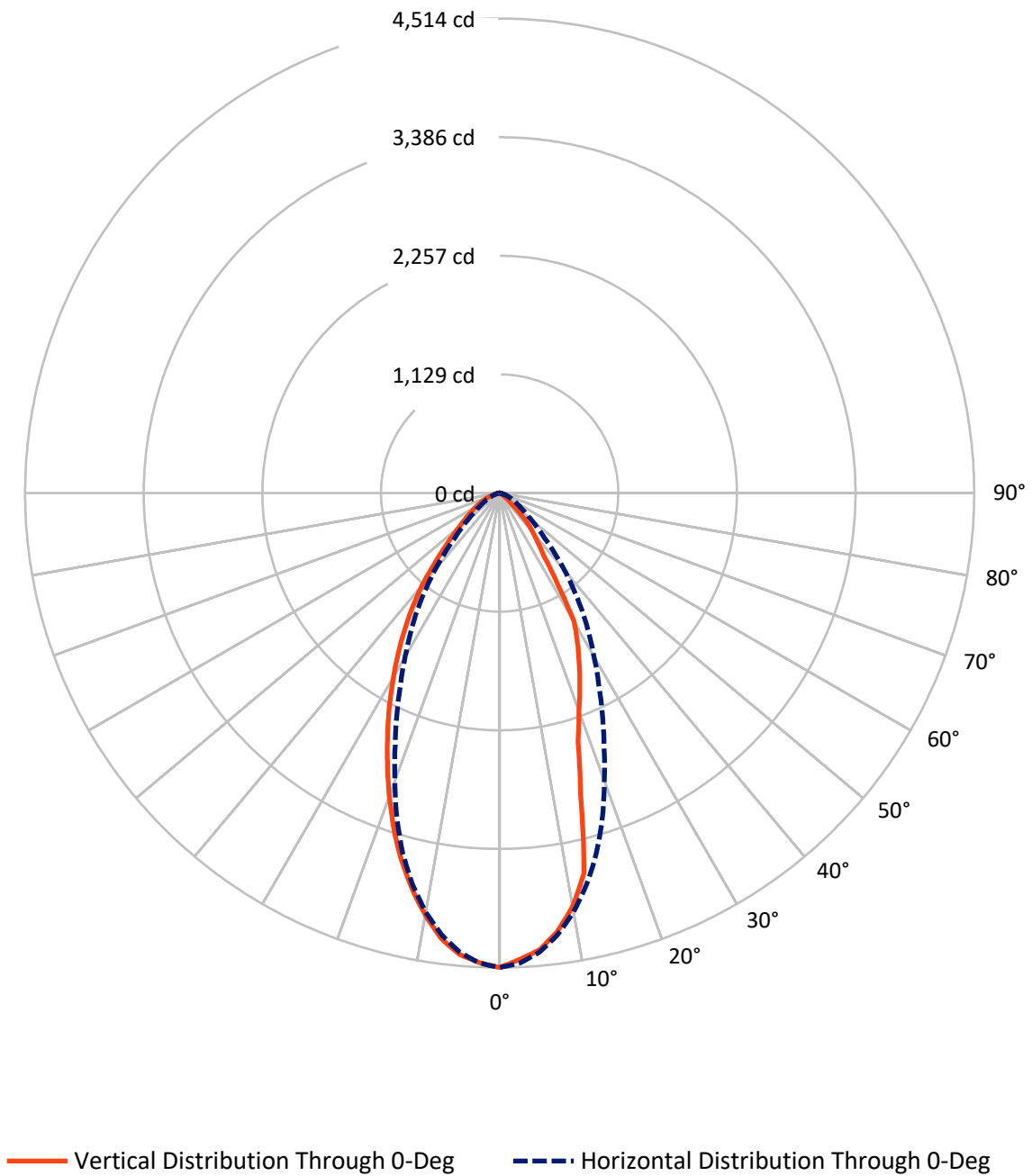
CATALOG NUMBER: GFLD-SA1C-727-U-WR-VSR-XX

Lumen Table



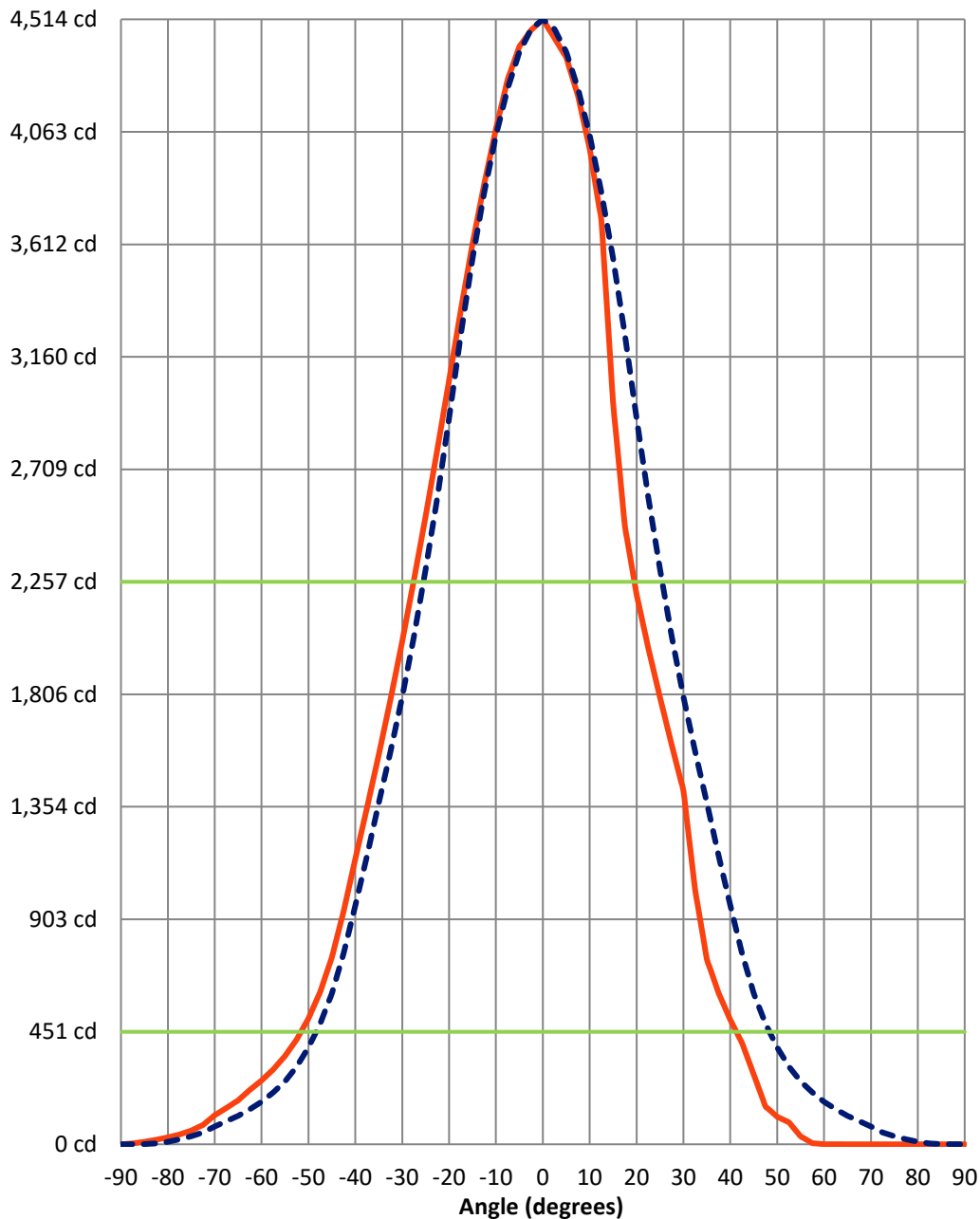
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Luminous Intensity Polar Plot



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Luminous Intensity Plot



Beam:
 H Angle: 50.9°
 V Angle: 47.1°
 Lumens: 1917.5
 Efficiency: 48.1%

Field:
 H Angle: 96.7°
 V Angle: 92.9°
 Lumens: 3565.8
 Efficiency: 89.5%

Spill:
 Lumens: 416.8
 Efficiency: 10.5%

— Vertical Distribution through 0-Deg
 - - Horizontal Distribution through 0-Deg

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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	0.0	0.0	0.0	0.1	0.1	0.1	0.1	0.1	0.1	0.1
85°	0.0	0.0	0.1	0.1	0.1	0.1	0.2	0.2	0.2	0.2	0.3
82.5°	0.0	0.0	0.1	0.1	0.2	0.2	0.2	0.3	0.3	0.3	0.3
80°	0.0	0.1	0.1	0.2	0.2	0.3	0.3	0.3	0.3	0.3	0.3
77.5°	0.0	0.1	0.1	0.2	0.3	0.3	0.3	0.3	0.3	0.3	0.3
75°	0.0	0.1	0.2	0.2	0.3	0.3	0.3	0.3	0.3	0.3	0.3
72.5°	0.0	0.1	0.2	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3
70°	0.0	0.1	0.2	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3
67.5°	0.0	0.1	0.2	0.3	0.3	0.3	0.3	0.3	0.3	0.4	0.4
65°	0.0	0.1	0.3	0.3	0.3	0.3	0.4	0.3	0.5	0.5	0.6
62.5°	0.0	0.1	0.3	0.3	0.3	0.4	0.4	0.4	0.6	0.9	1.3
60°	0.0	0.1	0.3	0.3	0.3	0.5	0.5	0.6	0.8	2.1	2.3
57.5°	0.0	0.2	0.3	0.3	0.4	0.6	0.9	0.8	2.1	3.6	3.9
55°	0.0	0.2	0.3	0.3	0.5	0.7	1.3	1.3	3.8	5.4	6.1
52.5°	0.0	0.2	0.3	0.3	0.6	0.9	1.9	3.0	5.7	8.0	8.7
50°	0.0	0.2	0.3	0.3	0.7	1.4	2.5	5.0	8.0	10.9	13.3
47.5°	0.0	0.2	0.3	0.3	0.8	2.0	3.3	7.0	11.0	14.2	18.0
45°	0.0	0.2	0.3	0.4	0.9	2.7	5.0	9.0	14.0	18.3	22.7
42.5°	0.0	0.2	0.3	0.5	1.1	3.3	6.8	11.4	17.0	22.5	27.9
40°	0.0	0.2	0.4	0.6	1.4	4.0	8.5	14.0	20.2	26.5	33.3
37.5°	0.0	0.2	0.4	0.8	2.0	4.8	10.2	16.6	23.6	30.7	38.8
35°	0.0	0.2	0.4	0.9	2.5	5.9	11.9	19.1	27.0	35.6	44.8
32.5°	0.0	0.3	0.4	1.1	3.1	7.3	13.7	21.6	30.4	40.7	51.5
30°	0.0	0.3	0.4	1.2	3.6	8.6	15.7	24.1	33.8	45.9	58.4
27.5°	0.0	0.3	0.4	1.4	4.3	9.9	17.7	26.9	37.5	51.2	65.2
25°	0.0	0.3	0.4	1.6	4.9	11.1	19.6	29.6	41.8	56.8	72.0
22.5°	0.0	0.3	0.5	1.8	5.6	12.3	21.4	32.3	46.1	62.5	79.0
20°	0.0	0.3	0.5	2.0	6.2	13.5	23.1	34.8	50.3	68.1	85.6
17.5°	0.0	0.3	0.5	2.2	6.8	14.6	24.7	37.3	54.4	73.5	91.9
15°	0.0	0.3	0.5	2.4	7.3	15.6	26.1	39.5	58.3	78.7	97.8
12.5°	0.0	0.3	0.5	2.6	7.9	16.5	27.5	41.3	61.6	83.6	103.3
10°	0.0	0.3	0.5	2.8	8.4	17.4	28.7	42.9	64.2	86.6	107.6
7.5°	0.0	0.3	0.6	3.0	8.8	18.2	29.8	44.3	66.5	88.8	109.9
5°	0.0	0.3	0.6	3.2	9.3	18.9	30.7	45.6	68.4	90.6	111.7
2.5°	0.0	0.3	0.6	3.3	9.7	19.5	31.5	46.6	70.1	92.0	113.1
0°	0.0	0.3	0.6	3.5	10.0	20.0	32.2	47.4	71.3	92.9	114.1
-2.5°	0.0	0.3	0.7	3.7	10.5	20.6	33.1	48.8	72.7	94.2	115.6
-5°	0.0	0.3	0.8	3.9	10.9	21.2	33.8	49.9	73.7	95.2	116.7
-7.5°	0.0	0.4	0.9	4.1	11.2	21.6	34.4	50.8	74.4	95.8	117.4
-10°	0.0	0.4	1.0	4.3	11.5	21.9	34.8	51.5	74.6	96.0	117.6
-12.5°	0.0	0.4	1.1	4.4	11.7	22.1	35.0	51.8	74.5	95.9	117.0
-15°	0.0	0.4	1.2	4.6	11.8	22.2	35.1	51.9	74.0	95.0	115.9
-17.5°	0.0	0.4	1.2	4.6	11.9	22.2	35.0	51.8	73.0	93.9	114.3
-20°	0.0	0.4	1.3	4.7	11.9	22.1	34.9	51.5	71.8	92.5	112.3

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CANDELA DISTRIBUTION (continued):

	-90°	-87.5°	-85°	-82.5°	-80°	-77.5°	-75°	-72.5°	-70°	-67.5°	-65°
-22.5°	0.0	0.5	1.4	4.7	11.8	21.8	34.9	51.1	70.4	90.8	109.9
-25°	0.0	0.5	1.4	4.7	11.6	21.8	34.8	50.4	68.8	88.9	107.0
-27.5°	0.0	0.5	1.5	4.7	11.4	21.7	34.5	49.5	67.0	86.6	104.4
-30°	0.0	0.5	1.5	4.6	11.0	21.4	34.0	48.4	65.4	84.1	101.5
-32.5°	0.0	0.5	1.5	4.5	10.9	21.1	33.3	47.5	63.8	81.5	98.5
-35°	0.0	0.5	1.5	4.4	10.7	20.6	32.6	46.5	62.1	78.8	95.2
-37.5°	0.0	0.5	1.5	4.3	10.3	20.0	31.9	45.3	60.1	76.0	91.4
-40°	0.0	0.5	1.5	4.1	9.9	19.5	31.0	43.9	57.9	73.4	87.4
-42.5°	0.0	0.5	1.5	3.9	9.6	18.9	29.9	42.3	55.9	70.0	83.0
-45°	0.0	0.5	1.5	3.7	9.4	18.2	28.6	40.7	53.9	66.4	78.5
-47.5°	0.0	0.5	1.5	3.5	9.2	17.3	27.2	39.0	51.6	62.6	74.4
-50°	0.0	0.4	1.4	3.5	8.8	16.3	25.9	37.0	48.6	59.2	70.1
-52.5°	0.0	0.4	1.4	3.4	8.3	15.2	24.6	34.9	45.5	55.7	65.8
-55°	0.0	0.4	1.3	3.3	7.7	14.3	23.0	32.7	42.4	52.0	61.7
-57.5°	0.0	0.4	1.2	3.2	7.1	13.4	21.4	30.6	39.2	48.2	57.4
-60°	0.0	0.4	1.2	3.0	6.3	12.3	19.6	28.2	35.8	44.4	53.0
-62.5°	0.0	0.3	1.1	2.8	5.9	11.0	17.9	25.5	32.5	40.3	48.5
-65°	0.0	0.3	1.0	2.6	5.4	9.7	16.0	22.6	28.9	36.1	43.8
-67.5°	0.0	0.3	0.9	2.3	4.8	8.5	14.0	19.8	25.2	31.6	38.6
-70°	0.0	0.3	0.8	2.0	4.2	7.5	11.8	16.8	21.7	26.8	33.0
-72.5°	0.0	0.2	0.8	1.7	3.5	6.3	10.0	13.8	18.0	22.6	27.4
-75°	0.0	0.2	0.7	1.5	2.8	5.1	8.2	11.2	14.3	18.2	22.3
-77.5°	0.0	0.2	0.6	1.3	2.3	3.9	6.3	8.8	11.4	14.0	17.2
-80°	0.0	0.1	0.4	1.0	1.9	2.9	4.4	6.4	8.4	10.6	12.9
-82.5°	0.0	0.1	0.3	0.8	1.4	2.2	3.2	4.2	5.5	7.2	8.9
-85°	0.0	0.1	0.2	0.5	1.0	1.5	2.2	2.8	3.6	4.5	5.4
-87.5°	0.0	0.0	0.1	0.3	0.5	0.8	1.1	1.4	1.8	2.2	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: P626662 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA1C-727-U-WR-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°	0.1	0.1	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
85°	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3
82.5°	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3
80°	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3
77.5°	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3
75°	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3
72.5°	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3
70°	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.2
67.5°	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.2	0.2
65°	0.3	0.3	0.4	0.5	0.3	0.3	0.3	0.3	0.3	0.3	0.3
62.5°	0.4	0.6	0.7	1.1	0.8	0.3	0.6	0.7	0.5	0.4	0.4
60°	1.4	1.0	2.5	3.4	2.2	1.2	1.5	2.9	2.4	0.6	1.7
57.5°	2.8	3.5	6.3	6.6	5.1	3.4	7.5	8.2	6.8	4.3	6.2
55°	5.9	8.4	10.6	10.4	10.5	13.2	15.5	15.2	13.4	18.5	23.3
52.5°	11.3	13.8	15.2	16.6	20.3	22.8	23.5	24.9	30.2	36.5	37.6
50°	16.5	19.1	21.0	25.9	29.7	31.7	33.5	38.4	46.3	50.6	51.3
47.5°	21.8	24.7	29.7	35.1	38.8	41.8	45.0	55.9	64.8	68.5	69.8
45°	27.4	32.3	38.6	44.1	48.5	52.5	62.9	77.8	84.1	89.7	104.0
42.5°	33.1	40.6	47.7	53.5	58.3	66.8	81.3	95.7	104.6	116.6	133.9
40°	40.4	48.8	57.1	63.0	69.0	81.9	99.7	115.0	124.5	140.6	160.3
37.5°	47.9	57.7	66.6	72.8	81.4	98.7	119.7	138.0	149.8	162.9	194.6
35°	55.2	66.8	75.9	84.2	94.8	118.7	144.5	165.0	179.5	201.9	242.0
32.5°	63.1	76.0	85.3	96.7	114.0	140.7	172.5	195.2	219.2	251.5	315.8
30°	71.5	84.6	95.4	109.0	132.2	163.4	200.3	228.8	261.4	313.8	383.1
27.5°	79.8	93.2	106.5	123.8	149.3	183.0	221.5	266.4	308.6	367.1	442.9
25°	87.9	102.0	117.4	138.2	165.9	201.1	243.2	295.0	350.0	417.0	505.9
22.5°	95.5	110.9	128.9	151.3	179.8	218.3	268.5	329.3	395.4	464.9	567.0
20°	103.0	120.8	141.5	166.6	192.7	234.2	293.2	366.9	449.8	544.9	645.0
17.5°	110.4	130.6	154.5	182.4	214.0	256.5	318.6	406.3	507.2	630.9	754.2
15°	117.7	140.3	167.0	198.0	235.5	286.3	356.9	453.3	575.1	723.3	869.4
12.5°	124.7	149.6	179.1	213.2	256.4	314.4	392.9	496.9	636.5	813.6	993.0
10°	131.5	158.5	190.6	228.0	276.4	340.5	424.8	534.7	682.9	865.3	1064.9
7.5°	134.9	164.6	200.3	242.0	295.2	364.5	452.5	566.6	719.1	906.9	1107.0
5°	137.4	167.4	204.0	247.6	305.6	380.8	473.8	592.7	745.8	938.3	1135.6
2.5°	139.3	169.4	206.7	250.7	309.7	386.3	480.8	601.8	760.1	954.6	1152.2
0°	140.6	170.6	208.3	252.5	311.8	388.9	484.0	605.6	766.2	958.3	1158.3
-2.5°	142.0	172.3	210.0	255.3	314.8	392.5	487.5	608.3	770.7	959.3	1161.5
-5°	142.7	173.2	210.7	256.7	315.7	393.1	487.3	605.7	767.1	951.8	1154.4
-7.5°	143.0	173.3	210.3	256.4	314.5	390.1	482.1	598.1	754.5	936.6	1137.0
-10°	142.6	172.5	209.0	254.1	311.0	383.7	472.9	585.0	734.0	911.4	1107.5
-12.5°	141.6	170.9	206.5	250.3	305.3	374.7	460.0	566.4	705.5	876.5	1066.0
-15°	139.9	168.5	202.9	245.0	297.4	363.2	443.3	542.1	668.7	832.0	1014.3
-17.5°	137.6	165.3	198.2	238.3	287.4	349.1	423.1	513.7	629.1	782.4	956.8
-20°	134.7	161.3	192.4	230.1	275.8	334.3	404.4	488.6	592.0	725.6	889.0

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CANDELA DISTRIBUTION (continued):

	-62.5°	-60°	-57.5°	-55°	-52.5°	-50°	-47.5°	-45°	-42.5°	-40°	-37.5°
-22.5°	131.1	156.6	186.2	222.3	265.5	318.9	383.5	460.1	550.4	660.0	814.9
-25°	127.4	152.0	180.2	213.7	253.7	301.4	359.6	429.4	511.1	611.4	739.6
-27.5°	123.8	146.8	173.3	203.7	240.6	283.4	337.1	400.7	473.5	558.8	663.2
-30°	119.7	141.0	165.7	193.2	228.0	267.8	314.1	368.6	433.4	510.5	601.2
-32.5°	115.3	134.7	158.3	184.1	214.5	250.7	290.8	340.1	396.5	460.0	538.4
-35°	110.8	129.4	150.7	174.3	200.0	233.9	270.7	311.7	359.6	415.9	478.6
-37.5°	106.6	123.6	142.6	164.6	188.6	216.8	249.4	286.3	327.6	372.4	426.5
-40°	101.8	117.3	135.3	155.2	176.5	200.9	230.3	261.6	297.2	336.6	378.4
-42.5°	96.6	111.5	127.9	145.2	164.6	186.4	210.8	239.5	269.0	302.0	338.5
-45°	91.6	105.3	120.3	136.0	152.4	171.6	193.7	217.6	243.8	270.7	301.4
-47.5°	86.2	98.7	112.7	126.4	141.0	157.4	176.1	197.8	219.6	243.6	267.4
-50°	80.9	92.6	104.4	117.1	130.2	143.9	159.7	178.4	198.3	218.2	239.1
-52.5°	76.1	86.3	96.9	107.9	119.7	131.9	145.1	160.5	177.9	195.4	213.5
-55°	71.3	80.6	89.4	99.2	109.5	120.4	132.2	145.2	158.3	174.3	189.8
-57.5°	66.5	74.8	82.4	90.7	99.9	109.2	119.8	130.8	142.7	154.8	167.5
-60°	61.7	68.8	75.7	82.9	90.5	98.8	107.4	117.1	127.3	137.7	148.8
-62.5°	56.7	62.5	68.6	75.2	81.9	88.3	95.5	103.4	111.8	120.8	130.1
-65°	51.2	55.9	61.0	66.8	73.1	78.3	83.7	89.7	96.7	104.1	111.4
-67.5°	45.3	49.5	53.7	57.9	63.1	67.7	72.2	76.9	82.1	88.2	94.0
-70°	38.7	42.9	46.6	50.1	53.4	56.7	60.5	64.2	68.4	73.9	79.2
-72.5°	32.0	36.0	39.5	42.5	44.8	46.7	49.1	51.8	55.8	60.8	65.6
-75°	25.9	29.1	32.3	35.2	36.7	37.3	37.8	39.2	43.3	48.5	53.0
-77.5°	20.2	22.9	25.6	28.1	29.2	29.6	29.8	29.7	32.7	37.2	41.8
-80°	14.8	16.8	19.0	21.2	21.8	22.0	22.0	21.9	24.3	27.5	30.9
-82.5°	10.3	11.7	13.1	14.6	14.8	14.7	14.5	14.3	16.3	18.5	20.9
-85°	6.0	6.6	7.5	8.4	8.5	8.4	8.3	8.0	9.1	10.4	11.7
-87.5°	3.0	3.3	3.6	3.9	3.8	3.6	3.4	3.2	3.5	3.8	4.2
-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: P626662 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA1C-727-U-WR-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°	0.2	0.2	0.1	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0
85°	0.3	0.2	0.2	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0
82.5°	0.3	0.2	0.2	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0
80°	0.3	0.2	0.2	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0
77.5°	0.3	0.2	0.2	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0
75°	0.3	0.3	0.2	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0
72.5°	0.3	0.3	0.2	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0
70°	0.2	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
67.5°	0.1	0.2	0.2	0.1	0.1	0.0	0.0	0.0	0.0	0.0	0.0
65°	0.3	0.3	0.2	0.1	0.1	0.1	0.1	0.1	0.0	0.0	0.0
62.5°	0.4	0.4	0.3	0.3	0.3	0.3	0.2	0.2	0.2	0.2	0.2
60°	1.8	1.0	1.0	1.3	1.1	0.5	1.0	1.3	1.2	0.9	0.8
57.5°	9.2	7.7	5.4	9.1	9.3	6.5	7.1	9.2	8.9	6.9	6.9
55°	23.3	23.7	25.4	27.7	29.4	30.2	30.9	34.4	38.0	41.7	43.5
52.5°	38.5	43.0	48.6	52.3	54.9	60.3	67.7	71.1	74.4	78.2	80.9
50°	56.7	64.6	70.2	71.0	79.9	85.6	87.0	93.3	100.3	104.6	107.7
47.5°	84.4	94.3	99.2	102.3	113.1	124.9	124.9	128.6	146.0	155.2	159.6
45°	121.6	129.8	138.5	161.0	181.8	188.3	202.4	221.4	233.8	250.9	269.6
42.5°	153.2	168.7	190.4	215.2	236.0	253.3	274.2	297.1	324.6	350.5	372.8
40°	184.5	203.7	230.6	257.6	283.7	307.7	341.4	370.8	403.3	438.9	468.5
37.5°	225.4	249.9	277.7	311.8	352.5	379.1	425.4	467.7	504.3	547.3	573.8
35°	288.2	320.2	344.8	413.6	463.1	494.2	549.0	618.6	645.3	699.4	725.1
32.5°	367.1	409.6	474.4	565.5	631.6	688.9	770.9	841.4	901.6	955.9	1012.5
30°	455.7	521.4	616.9	738.0	805.1	885.3	996.1	1079.8	1174.2	1277.7	1314.0
27.5°	536.2	634.6	745.5	843.5	939.9	1039.8	1148.7	1256.3	1358.4	1444.5	1502.4
25°	610.8	729.9	837.7	942.4	1046.9	1159.4	1282.6	1404.6	1516.9	1605.6	1673.0
22.5°	687.7	813.6	928.9	1035.2	1156.7	1284.1	1415.2	1555.0	1682.9	1774.9	1848.4
20°	760.1	900.0	1031.5	1152.5	1267.4	1414.5	1565.5	1713.8	1853.0	1962.6	2047.3
17.5°	874.8	996.4	1157.1	1314.3	1443.7	1578.9	1780.5	1933.6	2088.1	2219.4	2309.2
15°	1015.8	1149.5	1315.4	1531.3	1708.7	1863.5	2071.8	2320.9	2503.2	2670.7	2785.7
12.5°	1156.9	1308.1	1487.5	1730.6	1983.1	2165.5	2418.2	2733.8	2946.1	3205.5	3333.4
10°	1265.1	1454.9	1639.7	1861.5	2103.9	2363.7	2636.1	2931.4	3215.1	3437.8	3636.9
7.5°	1308.6	1510.8	1724.7	1951.0	2193.4	2461.5	2751.9	3059.2	3351.1	3599.9	3818.7
5°	1341.2	1548.3	1763.7	1995.0	2254.2	2534.2	2828.8	3151.5	3449.6	3716.3	3940.1
2.5°	1361.9	1570.9	1785.4	2020.6	2293.2	2581.5	2885.6	3216.7	3519.4	3793.9	4017.0
0°	1369.8	1575.8	1795.4	2037.6	2307.5	2596.4	2913.7	3248.7	3553.8	3819.2	4048.8
-2.5°	1370.8	1571.2	1796.1	2037.1	2295.3	2587.0	2908.1	3240.4	3539.2	3803.5	4035.1
-5°	1360.1	1560.4	1785.5	2022.8	2281.4	2570.8	2878.1	3199.2	3484.2	3741.5	3964.5
-7.5°	1338.3	1538.1	1758.1	1990.0	2241.6	2522.4	2817.6	3116.0	3395.6	3642.3	3855.2
-10°	1305.9	1501.5	1713.9	1939.9	2178.0	2445.0	2726.5	3011.6	3273.8	3502.0	3698.8
-12.5°	1262.1	1453.2	1656.0	1871.7	2093.3	2347.9	2613.7	2881.5	3120.5	3328.8	3505.4
-15°	1205.2	1391.8	1588.2	1792.2	2007.1	2237.3	2475.9	2721.5	2941.9	3126.6	3288.0
-17.5°	1138.1	1319.1	1505.6	1694.7	1898.7	2114.7	2336.1	2556.6	2744.6	2908.7	3056.2
-20°	1063.3	1237.7	1414.9	1591.2	1776.2	1976.0	2180.5	2374.2	2538.5	2687.6	2822.6

Classified

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

Scaled Data Report



REPORT NUMBER: P626662 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA1C-727-U-WR-VSR-XX

CANDELA DISTRIBUTION (continued):

	-35°	-32.5°	-30°	-27.5°	-25°	-22.5°	-20°	-17.5°	-15°	-12.5°	-10°
-22.5°	979.5	1146.4	1316.3	1481.2	1648.1	1829.0	2011.6	2186.8	2340.5	2468.0	2585.3
-25°	889.8	1044.0	1204.4	1359.1	1512.6	1674.7	1840.6	2001.7	2137.0	2247.8	2344.7
-27.5°	799.4	940.3	1081.6	1227.2	1369.2	1518.8	1668.9	1808.1	1929.5	2031.5	2113.0
-30°	704.4	830.3	959.4	1091.1	1226.6	1363.5	1499.2	1621.1	1727.1	1816.8	1887.2
-32.5°	625.4	721.1	835.0	954.6	1081.6	1206.4	1324.4	1435.5	1535.4	1613.7	1673.4
-35°	549.7	630.7	716.1	821.9	931.1	1045.8	1154.4	1253.6	1342.6	1411.0	1467.2
-37.5°	484.6	548.7	620.8	696.4	788.0	882.8	980.8	1074.0	1153.4	1213.1	1263.3
-40°	428.3	478.8	536.5	596.4	663.8	731.9	817.3	895.9	960.7	1016.5	1062.0
-42.5°	377.3	420.0	462.6	511.7	562.5	617.3	677.2	735.4	785.2	831.9	870.5
-45°	333.4	367.5	401.4	439.4	476.7	521.2	564.0	602.2	642.5	677.5	705.0
-47.5°	295.0	321.6	350.6	379.0	409.0	442.5	474.4	503.4	533.0	558.5	579.0
-50°	260.8	282.8	306.6	328.9	353.1	377.7	401.2	424.3	446.7	466.2	481.3
-52.5°	230.9	250.2	268.7	286.4	305.7	323.9	340.9	360.0	377.5	392.8	403.2
-55°	205.4	221.2	236.3	251.2	265.8	279.5	293.1	307.9	321.4	333.6	341.3
-57.5°	181.5	194.9	207.7	219.9	231.4	242.4	253.8	265.2	275.6	284.8	290.8
-60°	159.8	170.7	181.8	191.7	201.0	209.8	219.4	228.5	236.9	244.0	248.1
-62.5°	139.9	149.7	157.9	165.7	173.6	181.5	188.3	195.1	201.6	207.1	210.6
-65°	119.0	127.3	134.3	140.6	146.3	152.4	158.2	163.5	168.2	171.8	174.0
-67.5°	100.3	106.5	112.1	117.1	122.1	127.0	131.5	135.5	139.1	141.6	143.2
-70°	84.2	88.8	93.4	97.9	102.4	106.3	109.5	112.6	115.3	116.4	116.9
-72.5°	70.0	74.1	78.1	82.1	85.9	88.8	91.2	93.4	95.4	93.7	90.8
-75°	57.0	60.7	64.4	68.0	71.3	73.6	75.3	77.0	78.5	74.8	69.7
-77.5°	46.5	49.7	52.5	55.2	57.9	59.4	60.5	61.6	62.7	58.6	53.4
-80°	34.5	37.0	39.4	41.7	44.0	44.9	45.4	45.7	45.9	42.4	38.3
-82.5°	23.3	24.6	25.9	27.3	28.6	29.4	29.9	30.3	30.6	28.1	25.3
-85°	13.1	13.4	13.8	14.0	14.2	14.7	15.2	15.6	16.0	14.8	13.4
-87.5°	4.5	4.5	4.5	4.4	4.4	4.4	4.4	4.4	4.3	4.2	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: P626662 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA1C-727-U-WR-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	0.0	0.1
62.5°	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.2	0.2	0.2	0.2
60°	0.6	0.4	0.3	0.3	0.3	0.4	0.6	0.8	0.9	1.2	1.3
57.5°	6.4	5.6	5.0	4.5	5.0	5.6	6.4	6.9	6.9	8.9	9.2
55°	42.7	39.8	36.2	31.9	36.2	39.8	42.7	43.5	41.7	38.0	34.4
52.5°	83.8	86.5	88.1	88.0	88.1	86.5	83.8	80.9	78.2	74.4	71.1
50°	110.3	111.8	111.9	110.6	111.9	111.8	110.3	107.7	104.6	100.3	93.3
47.5°	161.6	159.5	155.8	151.9	155.8	159.5	161.6	159.6	155.2	146.0	128.6
45°	281.9	288.7	288.3	279.6	288.3	288.7	281.9	269.6	250.9	233.8	221.4
42.5°	385.3	395.4	402.6	406.3	402.6	395.4	385.3	372.8	350.5	324.6	297.1
40°	485.3	495.1	499.4	499.2	499.4	495.1	485.3	468.5	438.9	403.3	370.8
37.5°	590.9	603.7	609.8	606.9	609.8	603.7	590.9	573.8	547.3	504.3	467.7
35°	736.2	748.1	748.3	742.3	748.3	748.1	736.2	725.1	699.4	645.3	618.6
32.5°	1057.4	1061.4	1030.8	1019.9	1030.8	1061.4	1057.4	1012.5	955.9	901.6	841.4
30°	1350.1	1378.3	1404.6	1417.8	1404.6	1378.3	1350.1	1314.0	1277.7	1174.2	1079.8
27.5°	1546.0	1579.9	1600.9	1602.3	1600.9	1579.9	1546.0	1502.4	1444.5	1358.4	1256.3
25°	1724.1	1762.1	1785.0	1792.9	1785.0	1762.1	1724.1	1673.0	1605.6	1516.9	1404.6
22.5°	1910.7	1955.4	1985.1	1991.2	1985.1	1955.4	1910.7	1848.4	1774.9	1682.9	1555.0
20°	2127.2	2179.3	2207.8	2206.6	2207.8	2179.3	2127.2	2047.3	1962.6	1853.0	1713.8
17.5°	2412.3	2468.1	2492.6	2481.9	2492.6	2468.1	2412.3	2309.2	2219.4	2088.1	1933.6
15°	2903.6	3020.4	3020.0	2973.4	3020.0	3020.4	2903.6	2785.7	2670.7	2503.2	2320.9
12.5°	3509.7	3596.8	3686.1	3705.3	3686.1	3596.8	3509.7	3333.4	3205.5	2946.1	2733.8
10°	3804.6	3920.3	3996.6	3994.6	3996.6	3920.3	3804.6	3636.9	3437.8	3215.1	2931.4
7.5°	3989.1	4116.9	4209.4	4207.4	4209.4	4116.9	3989.1	3818.7	3599.9	3351.1	3059.2
5°	4131.5	4273.3	4355.1	4361.2	4355.1	4273.3	4131.5	3940.1	3716.3	3449.6	3151.5
2.5°	4205.5	4353.4	4451.9	4438.9	4451.9	4353.4	4205.5	4017.0	3793.9	3519.4	3216.7
0°	4236.4	4382.8	4474.7	4514.4	4474.7	4382.8	4236.4	4048.8	3819.2	3553.8	3248.7
-2.5°	4222.9	4365.4	4467.0	4470.9	4467.0	4365.4	4222.9	4035.1	3803.5	3539.2	3240.4
-5°	4150.6	4300.9	4368.9	4405.1	4368.9	4300.9	4150.6	3964.5	3741.5	3484.2	3199.2
-7.5°	4033.9	4146.6	4232.9	4272.9	4232.9	4146.6	4033.9	3855.2	3642.3	3395.6	3116.0
-10°	3852.3	3968.9	4041.9	4074.9	4041.9	3968.9	3852.3	3698.8	3502.0	3273.8	3011.6
-12.5°	3651.1	3757.1	3826.5	3854.3	3826.5	3757.1	3651.1	3505.4	3328.8	3120.5	2881.5
-15°	3426.6	3522.9	3586.8	3613.4	3586.8	3522.9	3426.6	3288.0	3126.6	2941.9	2721.5
-17.5°	3179.6	3263.9	3327.5	3346.8	3327.5	3263.9	3179.6	3056.2	2908.7	2744.6	2556.6
-20°	2925.5	3001.7	3054.1	3065.6	3054.1	3001.7	2925.5	2822.6	2687.6	2538.5	2374.2



REPORT NUMBER: P626662 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA1C-727-U-WR-VSR-XX

CANDELA DISTRIBUTION (continued):

	-7.5°	-5°	-2.5°	0°	2.5°	5°	7.5°	10°	12.5°	15°	17.5°
-22.5°	2669.5	2732.3	2774.9	2789.2	2774.9	2732.3	2669.5	2585.3	2468.0	2340.5	2186.8
-25°	2419.3	2473.5	2507.8	2520.6	2507.8	2473.5	2419.3	2344.7	2247.8	2137.0	2001.7
-27.5°	2178.7	2229.2	2260.7	2264.9	2260.7	2229.2	2178.7	2113.0	2031.5	1929.5	1808.1
-30°	1941.9	1983.7	2007.9	2018.3	2007.9	1983.7	1941.9	1887.2	1816.8	1727.1	1621.1
-32.5°	1720.7	1757.1	1779.0	1784.8	1779.0	1757.1	1720.7	1673.4	1613.7	1535.4	1435.5
-35°	1511.8	1545.5	1564.8	1563.3	1564.8	1545.5	1511.8	1467.2	1411.0	1342.6	1253.6
-37.5°	1304.7	1335.8	1353.4	1351.7	1353.4	1335.8	1304.7	1263.3	1213.1	1153.4	1074.0
-40°	1099.4	1126.2	1141.6	1145.4	1141.6	1126.2	1099.4	1062.0	1016.5	960.7	895.9
-42.5°	902.6	927.3	939.7	934.8	939.7	927.3	902.6	870.5	831.9	785.2	735.4
-45°	724.2	737.0	745.5	750.7	745.5	737.0	724.2	705.0	677.5	642.5	602.2
-47.5°	594.1	604.7	610.4	611.4	610.4	604.7	594.1	579.0	558.5	533.0	503.4
-50°	493.1	502.2	506.1	505.0	506.1	502.2	493.1	481.3	466.2	446.7	424.3
-52.5°	410.7	415.9	419.4	421.1	419.4	415.9	410.7	403.2	392.8	377.5	360.0
-55°	347.1	351.2	353.6	354.4	353.6	351.2	347.1	341.3	333.6	321.4	307.9
-57.5°	295.8	299.7	301.0	300.5	301.0	299.7	295.8	290.8	284.8	275.6	265.2
-60°	251.3	253.5	255.2	256.0	255.2	253.5	251.3	248.1	244.0	236.9	228.5
-62.5°	213.5	215.5	217.3	218.3	217.3	215.5	213.5	210.6	207.1	201.6	195.1
-65°	175.6	176.5	176.8	176.4	176.8	176.5	175.6	174.0	171.8	168.2	163.5
-67.5°	144.4	145.2	145.7	145.8	145.7	145.2	144.4	143.2	141.6	139.1	135.5
-70°	117.4	117.7	117.3	116.4	117.3	117.7	117.4	116.9	116.4	115.3	112.6
-72.5°	87.7	84.5	81.3	77.7	81.3	84.5	87.7	90.8	93.7	95.4	93.4
-75°	64.5	59.0	57.0	55.1	57.0	59.0	64.5	69.7	74.8	78.5	77.0
-77.5°	47.9	42.2	40.7	39.3	40.7	42.2	47.9	53.4	58.6	62.7	61.6
-80°	34.1	29.7	28.7	27.7	28.7	29.7	34.1	38.3	42.4	45.9	45.7
-82.5°	22.3	19.3	18.7	18.1	18.7	19.3	22.3	25.3	28.1	30.6	30.3
-85°	12.0	10.6	10.3	10.0	10.3	10.6	12.0	13.4	14.8	16.0	15.6
-87.5°	3.7	3.5	3.5	3.5	3.5	3.5	3.7	3.9	4.2	4.3	4.4
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



REPORT NUMBER: P626662 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA1C-727-U-WR-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	0.1	0.1	0.2	0.2	0.2	0.2	0.2	0.2
85°	0.0	0.0	0.0	0.1	0.2	0.2	0.3	0.3	0.3	0.3	0.3
82.5°	0.0	0.0	0.0	0.1	0.2	0.2	0.3	0.3	0.3	0.3	0.3
80°	0.0	0.0	0.0	0.1	0.2	0.2	0.3	0.3	0.3	0.3	0.3
77.5°	0.0	0.0	0.0	0.1	0.2	0.2	0.3	0.3	0.3	0.3	0.3
75°	0.0	0.0	0.0	0.1	0.2	0.3	0.3	0.3	0.3	0.3	0.3
72.5°	0.0	0.0	0.0	0.1	0.2	0.3	0.3	0.3	0.3	0.3	0.3
70°	0.0	0.0	0.0	0.0	0.0	0.1	0.2	0.2	0.3	0.3	0.3
67.5°	0.0	0.0	0.1	0.1	0.2	0.2	0.1	0.2	0.2	0.3	0.3
65°	0.1	0.1	0.1	0.1	0.2	0.3	0.3	0.3	0.3	0.3	0.3
62.5°	0.2	0.3	0.3	0.3	0.3	0.4	0.4	0.4	0.4	0.5	0.7
60°	1.0	0.5	1.1	1.3	1.0	1.0	1.8	1.7	0.6	2.4	2.9
57.5°	7.1	6.5	9.3	9.1	5.4	7.7	9.2	6.2	4.3	6.8	8.2
55°	30.9	30.2	29.4	27.7	25.4	23.7	23.3	23.3	18.5	13.4	15.2
52.5°	67.7	60.3	54.9	52.3	48.6	43.0	38.5	37.6	36.5	30.2	24.9
50°	87.0	85.6	79.9	71.0	70.2	64.6	56.7	51.3	50.6	46.3	38.4
47.5°	124.9	124.9	113.1	102.3	99.2	94.3	84.4	69.8	68.5	64.8	55.9
45°	202.4	188.3	181.8	161.0	138.5	129.8	121.6	104.0	89.7	84.1	77.8
42.5°	274.2	253.3	236.0	215.2	190.4	168.7	153.2	133.9	116.6	104.6	95.7
40°	341.4	307.7	283.7	257.6	230.6	203.7	184.5	160.3	140.6	124.5	115.0
37.5°	425.4	379.1	352.5	311.8	277.7	249.9	225.4	194.6	162.9	149.8	138.0
35°	549.0	494.2	463.1	413.6	344.8	320.2	288.2	242.0	201.9	179.5	165.0
32.5°	770.9	688.9	631.6	565.5	474.4	409.6	367.1	315.8	251.5	219.2	195.2
30°	996.1	885.3	805.1	738.0	616.9	521.4	455.7	383.1	313.8	261.4	228.8
27.5°	1148.7	1039.8	939.9	843.5	745.5	634.6	536.2	442.9	367.1	308.6	266.4
25°	1282.6	1159.4	1046.9	942.4	837.7	729.9	610.8	505.9	417.0	350.0	295.0
22.5°	1415.2	1284.1	1156.7	1035.2	928.9	813.6	687.7	567.0	464.9	395.4	329.3
20°	1565.5	1414.5	1267.4	1152.5	1031.5	900.0	760.1	645.0	544.9	449.8	366.9
17.5°	1780.5	1578.9	1443.7	1314.3	1157.1	996.4	874.8	754.2	630.9	507.2	406.3
15°	2071.8	1863.5	1708.7	1531.3	1315.4	1149.5	1015.8	869.4	723.3	575.1	453.3
12.5°	2418.2	2165.5	1983.1	1730.6	1487.5	1308.1	1156.9	993.0	813.6	636.5	496.9
10°	2636.1	2363.7	2103.9	1861.5	1639.7	1454.9	1265.1	1064.9	865.3	682.9	534.7
7.5°	2751.9	2461.5	2193.4	1951.0	1724.7	1510.8	1308.6	1107.0	906.9	719.1	566.6
5°	2828.8	2534.2	2254.2	1995.0	1763.7	1548.3	1341.2	1135.6	938.3	745.8	592.7
2.5°	2885.6	2581.5	2293.2	2020.6	1785.4	1570.9	1361.9	1152.2	954.6	760.1	601.8
0°	2913.7	2596.4	2307.5	2037.6	1795.4	1575.8	1369.8	1158.3	958.3	766.2	605.6
-2.5°	2908.1	2587.0	2295.3	2037.1	1796.1	1571.2	1370.8	1161.5	959.3	770.7	608.3
-5°	2878.1	2570.8	2281.4	2022.8	1785.5	1560.4	1360.1	1154.4	951.8	767.1	605.7
-7.5°	2817.6	2522.4	2241.6	1990.0	1758.1	1538.1	1338.3	1137.0	936.6	754.5	598.1
-10°	2726.5	2445.0	2178.0	1939.9	1713.9	1501.5	1305.9	1107.5	911.4	734.0	585.0
-12.5°	2613.7	2347.9	2093.3	1871.7	1656.0	1453.2	1262.1	1066.0	876.5	705.5	566.4
-15°	2475.9	2237.3	2007.1	1792.2	1588.2	1391.8	1205.2	1014.3	832.0	668.7	542.1
-17.5°	2336.1	2114.7	1898.7	1694.7	1505.6	1319.1	1138.1	956.8	782.4	629.1	513.7
-20°	2180.5	1976.0	1776.2	1591.2	1414.9	1237.7	1063.3	889.0	725.6	592.0	488.6

Classified

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

Scaled Data Report



REPORT NUMBER: P626662 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA1C-727-U-WR-VSR-XX

CANDELA DISTRIBUTION (continued):

	20°	22.5°	25°	27.5°	30°	32.5°	35°	37.5°	40°	42.5°	45°
-22.5°	2011.6	1829.0	1648.1	1481.2	1316.3	1146.4	979.5	814.9	660.0	550.4	460.1
-25°	1840.6	1674.7	1512.6	1359.1	1204.4	1044.0	889.8	739.6	611.4	511.1	429.4
-27.5°	1668.9	1518.8	1369.2	1227.2	1081.6	940.3	799.4	663.2	558.8	473.5	400.7
-30°	1499.2	1363.5	1226.6	1091.1	959.4	830.3	704.4	601.2	510.5	433.4	368.6
-32.5°	1324.4	1206.4	1081.6	954.6	835.0	721.1	625.4	538.4	460.0	396.5	340.1
-35°	1154.4	1045.8	931.1	821.9	716.1	630.7	549.7	478.6	415.9	359.6	311.7
-37.5°	980.8	882.8	788.0	696.4	620.8	548.7	484.6	426.5	372.4	327.6	286.3
-40°	817.3	731.9	663.8	596.4	536.5	478.8	428.3	378.4	336.6	297.2	261.6
-42.5°	677.2	617.3	562.5	511.7	462.6	420.0	377.3	338.5	302.0	269.0	239.5
-45°	564.0	521.2	476.7	439.4	401.4	367.5	333.4	301.4	270.7	243.8	217.6
-47.5°	474.4	442.5	409.0	379.0	350.6	321.6	295.0	267.4	243.6	219.6	197.8
-50°	401.2	377.7	353.1	328.9	306.6	282.8	260.8	239.1	218.2	198.3	178.4
-52.5°	340.9	323.9	305.7	286.4	268.7	250.2	230.9	213.5	195.4	177.9	160.5
-55°	293.1	279.5	265.8	251.2	236.3	221.2	205.4	189.8	174.3	158.3	145.2
-57.5°	253.8	242.4	231.4	219.9	207.7	194.9	181.5	167.5	154.8	142.7	130.8
-60°	219.4	209.8	201.0	191.7	181.8	170.7	159.8	148.8	137.7	127.3	117.1
-62.5°	188.3	181.5	173.6	165.7	157.9	149.7	139.9	130.1	120.8	111.8	103.4
-65°	158.2	152.4	146.3	140.6	134.3	127.3	119.0	111.4	104.1	96.7	89.7
-67.5°	131.5	127.0	122.1	117.1	112.1	106.5	100.3	94.0	88.2	82.1	76.9
-70°	109.5	106.3	102.4	97.9	93.4	88.8	84.2	79.2	73.9	68.4	64.2
-72.5°	91.2	88.8	85.9	82.1	78.1	74.1	70.0	65.6	60.8	55.8	51.8
-75°	75.3	73.6	71.3	68.0	64.4	60.7	57.0	53.0	48.5	43.3	39.2
-77.5°	60.5	59.4	57.9	55.2	52.5	49.7	46.5	41.8	37.2	32.7	29.7
-80°	45.4	44.9	44.0	41.7	39.4	37.0	34.5	30.9	27.5	24.3	21.9
-82.5°	29.9	29.4	28.6	27.3	25.9	24.6	23.3	20.9	18.5	16.3	14.3
-85°	15.2	14.7	14.2	14.0	13.8	13.4	13.1	11.7	10.4	9.1	8.0
-87.5°	4.4	4.4	4.4	4.4	4.5	4.5	4.5	4.2	3.8	3.5	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: P626662 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA1C-727-U-WR-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°	0.2	0.2	0.2	0.2	0.2	0.1	0.1	0.1	0.1	0.1	0.1
85°	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.2	0.2	0.2
82.5°	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3
80°	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3
77.5°	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3
75°	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3
72.5°	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3
70°	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3
67.5°	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.4	0.4	0.3	0.3
65°	0.3	0.3	0.3	0.5	0.4	0.3	0.3	0.6	0.5	0.5	0.3
62.5°	0.6	0.3	0.8	1.1	0.7	0.6	0.4	1.3	0.9	0.6	0.4
60°	1.5	1.2	2.2	3.4	2.5	1.0	1.4	2.3	2.1	0.8	0.6
57.5°	7.5	3.4	5.1	6.6	6.3	3.5	2.8	3.9	3.6	2.1	0.8
55°	15.5	13.2	10.5	10.4	10.6	8.4	5.9	6.1	5.4	3.8	1.3
52.5°	23.5	22.8	20.3	16.6	15.2	13.8	11.3	8.7	8.0	5.7	3.0
50°	33.5	31.7	29.7	25.9	21.0	19.1	16.5	13.3	10.9	8.0	5.0
47.5°	45.0	41.8	38.8	35.1	29.7	24.7	21.8	18.0	14.2	11.0	7.0
45°	62.9	52.5	48.5	44.1	38.6	32.3	27.4	22.7	18.3	14.0	9.0
42.5°	81.3	66.8	58.3	53.5	47.7	40.6	33.1	27.9	22.5	17.0	11.4
40°	99.7	81.9	69.0	63.0	57.1	48.8	40.4	33.3	26.5	20.2	14.0
37.5°	119.7	98.7	81.4	72.8	66.6	57.7	47.9	38.8	30.7	23.6	16.6
35°	144.5	118.7	94.8	84.2	75.9	66.8	55.2	44.8	35.6	27.0	19.1
32.5°	172.5	140.7	114.0	96.7	85.3	76.0	63.1	51.5	40.7	30.4	21.6
30°	200.3	163.4	132.2	109.0	95.4	84.6	71.5	58.4	45.9	33.8	24.1
27.5°	221.5	183.0	149.3	123.8	106.5	93.2	79.8	65.2	51.2	37.5	26.9
25°	243.2	201.1	165.9	138.2	117.4	102.0	87.9	72.0	56.8	41.8	29.6
22.5°	268.5	218.3	179.8	151.3	128.9	110.9	95.5	79.0	62.5	46.1	32.3
20°	293.2	234.2	192.7	166.6	141.5	120.8	103.0	85.6	68.1	50.3	34.8
17.5°	318.6	256.5	214.0	182.4	154.5	130.6	110.4	91.9	73.5	54.4	37.3
15°	356.9	286.3	235.5	198.0	167.0	140.3	117.7	97.8	78.7	58.3	39.5
12.5°	392.9	314.4	256.4	213.2	179.1	149.6	124.7	103.3	83.6	61.6	41.3
10°	424.8	340.5	276.4	228.0	190.6	158.5	131.5	107.6	86.6	64.2	42.9
7.5°	452.5	364.5	295.2	242.0	200.3	164.6	134.9	109.9	88.8	66.5	44.3
5°	473.8	380.8	305.6	247.6	204.0	167.4	137.4	111.7	90.6	68.4	45.6
2.5°	480.8	386.3	309.7	250.7	206.7	169.4	139.3	113.1	92.0	70.1	46.6
0°	484.0	388.9	311.8	252.5	208.3	170.6	140.6	114.1	92.9	71.3	47.4
-2.5°	487.5	392.5	314.8	255.3	210.0	172.3	142.0	115.6	94.2	72.7	48.8
-5°	487.3	393.1	315.7	256.7	210.7	173.2	142.7	116.7	95.2	73.7	49.9
-7.5°	482.1	390.1	314.5	256.4	210.3	173.3	143.0	117.4	95.8	74.4	50.8
-10°	472.9	383.7	311.0	254.1	209.0	172.5	142.6	117.6	96.0	74.6	51.5
-12.5°	460.0	374.7	305.3	250.3	206.5	170.9	141.6	117.0	95.9	74.5	51.8
-15°	443.3	363.2	297.4	245.0	202.9	168.5	139.9	115.9	95.0	74.0	51.9
-17.5°	423.1	349.1	287.4	238.3	198.2	165.3	137.6	114.3	93.9	73.0	51.8
-20°	404.4	334.3	275.8	230.1	192.4	161.3	134.7	112.3	92.5	71.8	51.5

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Scaled Data Report



REPORT NUMBER: P626662 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA1C-727-U-WR-VSR-XX

CANDELA DISTRIBUTION (continued):

	47.5°	50°	52.5°	55°	57.5°	60°	62.5°	65°	67.5°	70°	72.5°
-22.5°	383.5	318.9	265.5	222.3	186.2	156.6	131.1	109.9	90.8	70.4	51.1
-25°	359.6	301.4	253.7	213.7	180.2	152.0	127.4	107.0	88.9	68.8	50.4
-27.5°	337.1	283.4	240.6	203.7	173.3	146.8	123.8	104.4	86.6	67.0	49.5
-30°	314.1	267.8	228.0	193.2	165.7	141.0	119.7	101.5	84.1	65.4	48.4
-32.5°	290.8	250.7	214.5	184.1	158.3	134.7	115.3	98.5	81.5	63.8	47.5
-35°	270.7	233.9	200.0	174.3	150.7	129.4	110.8	95.2	78.8	62.1	46.5
-37.5°	249.4	216.8	188.6	164.6	142.6	123.6	106.6	91.4	76.0	60.1	45.3
-40°	230.3	200.9	176.5	155.2	135.3	117.3	101.8	87.4	73.4	57.9	43.9
-42.5°	210.8	186.4	164.6	145.2	127.9	111.5	96.6	83.0	70.0	55.9	42.3
-45°	193.7	171.6	152.4	136.0	120.3	105.3	91.6	78.5	66.4	53.9	40.7
-47.5°	176.1	157.4	141.0	126.4	112.7	98.7	86.2	74.4	62.6	51.6	39.0
-50°	159.7	143.9	130.2	117.1	104.4	92.6	80.9	70.1	59.2	48.6	37.0
-52.5°	145.1	131.9	119.7	107.9	96.9	86.3	76.1	65.8	55.7	45.5	34.9
-55°	132.2	120.4	109.5	99.2	89.4	80.6	71.3	61.7	52.0	42.4	32.7
-57.5°	119.8	109.2	99.9	90.7	82.4	74.8	66.5	57.4	48.2	39.2	30.6
-60°	107.4	98.8	90.5	82.9	75.7	68.8	61.7	53.0	44.4	35.8	28.2
-62.5°	95.5	88.3	81.9	75.2	68.6	62.5	56.7	48.5	40.3	32.5	25.5
-65°	83.7	78.3	73.1	66.8	61.0	55.9	51.2	43.8	36.1	28.9	22.6
-67.5°	72.2	67.7	63.1	57.9	53.7	49.5	45.3	38.6	31.6	25.2	19.8
-70°	60.5	56.7	53.4	50.1	46.6	42.9	38.7	33.0	26.8	21.7	16.8
-72.5°	49.1	46.7	44.8	42.5	39.5	36.0	32.0	27.4	22.6	18.0	13.8
-75°	37.8	37.3	36.7	35.2	32.3	29.1	25.9	22.3	18.2	14.3	11.2
-77.5°	29.8	29.6	29.2	28.1	25.6	22.9	20.2	17.2	14.0	11.4	8.8
-80°	22.0	22.0	21.8	21.2	19.0	16.8	14.8	12.9	10.6	8.4	6.4
-82.5°	14.5	14.7	14.8	14.6	13.1	11.7	10.3	8.9	7.2	5.5	4.2
-85°	8.3	8.4	8.5	8.4	7.5	6.6	6.0	5.4	4.5	3.6	2.8
-87.5°	3.4	3.6	3.8	3.9	3.6	3.3	3.0	2.7	2.2	1.8	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: P626662 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA1C-727-U-WR-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°	0.1	0.1	0.1	0.0	0.0	0.0	0.0
85°	0.2	0.1	0.1	0.1	0.1	0.0	0.0
82.5°	0.2	0.2	0.2	0.1	0.1	0.0	0.0
80°	0.3	0.3	0.2	0.2	0.1	0.1	0.0
77.5°	0.3	0.3	0.3	0.2	0.1	0.1	0.0
75°	0.3	0.3	0.3	0.2	0.2	0.1	0.0
72.5°	0.3	0.3	0.3	0.3	0.2	0.1	0.0
70°	0.3	0.3	0.3	0.3	0.2	0.1	0.0
67.5°	0.3	0.3	0.3	0.3	0.2	0.1	0.0
65°	0.4	0.3	0.3	0.3	0.3	0.1	0.0
62.5°	0.4	0.4	0.3	0.3	0.3	0.1	0.0
60°	0.5	0.5	0.3	0.3	0.3	0.1	0.0
57.5°	0.9	0.6	0.4	0.3	0.3	0.2	0.0
55°	1.3	0.7	0.5	0.3	0.3	0.2	0.0
52.5°	1.9	0.9	0.6	0.3	0.3	0.2	0.0
50°	2.5	1.4	0.7	0.3	0.3	0.2	0.0
47.5°	3.3	2.0	0.8	0.3	0.3	0.2	0.0
45°	5.0	2.7	0.9	0.4	0.3	0.2	0.0
42.5°	6.8	3.3	1.1	0.5	0.3	0.2	0.0
40°	8.5	4.0	1.4	0.6	0.4	0.2	0.0
37.5°	10.2	4.8	2.0	0.8	0.4	0.2	0.0
35°	11.9	5.9	2.5	0.9	0.4	0.2	0.0
32.5°	13.7	7.3	3.1	1.1	0.4	0.3	0.0
30°	15.7	8.6	3.6	1.2	0.4	0.3	0.0
27.5°	17.7	9.9	4.3	1.4	0.4	0.3	0.0
25°	19.6	11.1	4.9	1.6	0.4	0.3	0.0
22.5°	21.4	12.3	5.6	1.8	0.5	0.3	0.0
20°	23.1	13.5	6.2	2.0	0.5	0.3	0.0
17.5°	24.7	14.6	6.8	2.2	0.5	0.3	0.0
15°	26.1	15.6	7.3	2.4	0.5	0.3	0.0
12.5°	27.5	16.5	7.9	2.6	0.5	0.3	0.0
10°	28.7	17.4	8.4	2.8	0.5	0.3	0.0
7.5°	29.8	18.2	8.8	3.0	0.6	0.3	0.0
5°	30.7	18.9	9.3	3.2	0.6	0.3	0.0
2.5°	31.5	19.5	9.7	3.3	0.6	0.3	0.0
0°	32.2	20.0	10.0	3.5	0.6	0.3	0.0
-2.5°	33.1	20.6	10.5	3.7	0.7	0.3	0.0
-5°	33.8	21.2	10.9	3.9	0.8	0.3	0.0
-7.5°	34.4	21.6	11.2	4.1	0.9	0.4	0.0
-10°	34.8	21.9	11.5	4.3	1.0	0.4	0.0
-12.5°	35.0	22.1	11.7	4.4	1.1	0.4	0.0
-15°	35.1	22.2	11.8	4.6	1.2	0.4	0.0
-17.5°	35.0	22.2	11.9	4.6	1.2	0.4	0.0
-20°	34.9	22.1	11.9	4.7	1.3	0.4	0.0

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CATALOG NUMBER: GFLD-SA1C-727-U-WR-VSR-XX

CANDELA DISTRIBUTION (continued):

	75°	77.5°	80°	82.5°	85°	87.5°	90°
-22.5°	34.9	21.8	11.8	4.7	1.4	0.5	0.0
-25°	34.8	21.8	11.6	4.7	1.4	0.5	0.0
-27.5°	34.5	21.7	11.4	4.7	1.5	0.5	0.0
-30°	34.0	21.4	11.0	4.6	1.5	0.5	0.0
-32.5°	33.3	21.1	10.9	4.5	1.5	0.5	0.0
-35°	32.6	20.6	10.7	4.4	1.5	0.5	0.0
-37.5°	31.9	20.0	10.3	4.3	1.5	0.5	0.0
-40°	31.0	19.5	9.9	4.1	1.5	0.5	0.0
-42.5°	29.9	18.9	9.6	3.9	1.5	0.5	0.0
-45°	28.6	18.2	9.4	3.7	1.5	0.5	0.0
-47.5°	27.2	17.3	9.2	3.5	1.5	0.5	0.0
-50°	25.9	16.3	8.8	3.5	1.4	0.4	0.0
-52.5°	24.6	15.2	8.3	3.4	1.4	0.4	0.0
-55°	23.0	14.3	7.7	3.3	1.3	0.4	0.0
-57.5°	21.4	13.4	7.1	3.2	1.2	0.4	0.0
-60°	19.6	12.3	6.3	3.0	1.2	0.4	0.0
-62.5°	17.9	11.0	5.9	2.8	1.1	0.3	0.0
-65°	16.0	9.7	5.4	2.6	1.0	0.3	0.0
-67.5°	14.0	8.5	4.8	2.3	0.9	0.3	0.0
-70°	11.8	7.5	4.2	2.0	0.8	0.3	0.0
-72.5°	10.0	6.3	3.5	1.7	0.8	0.2	0.0
-75°	8.2	5.1	2.8	1.5	0.7	0.2	0.0
-77.5°	6.3	3.9	2.3	1.3	0.6	0.2	0.0
-80°	4.4	2.9	1.9	1.0	0.4	0.1	0.0
-82.5°	3.2	2.2	1.4	0.8	0.3	0.1	0.0
-85°	2.2	1.5	1.0	0.5	0.2	0.1	0.0
-87.5°	1.1	0.8	0.5	0.3	0.1	0.0	0.0
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0

(END OF REPORT)