

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: P626647 (CONVERTED FROM TYPE C PHOTOMETRY)

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

Issue Date: 12/7/2022

Test Information

Test Method: LM-79-08
Report Number: P626647 (CONVERTED FROM TYPE C PHOTOMETRY)
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G2-2210-813-15)
Test Lab: COOPER LIGHTING SOLUTIONS
Issue Date: 12/7/2022
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: MCGRAW-EDISON
Catalog Number: GFLD-SA1C-722-U-MWR-XX
Description: GALLEON FLOOD, ONE LIGHT SQAURE, MEDIUM WIDE SYMMETRICAL ROUND N7
Light Source: (16) 2200K CCT, 70 CRI LEDS
Ballast/Driver: -

Summary

Lumens per Lamp: N/A
Luminaire Lumens: 4444.4 lumens
Efficiency: N/A
Efficacy: 102.2 lumens/watt
Luminous Opening: Rectangular (W 0.5' x L: 0.5' x H: 0')

NEMA Type: 5H x 5V
Max Intensity: 5221.9 candela
Max Intensity Angle: -7.5°H x 10°V

Beam Angle (50%): 51°H x 52.3°V
Beam Lumens: 2949.9 lumens
Beam Efficiency: 66.4%

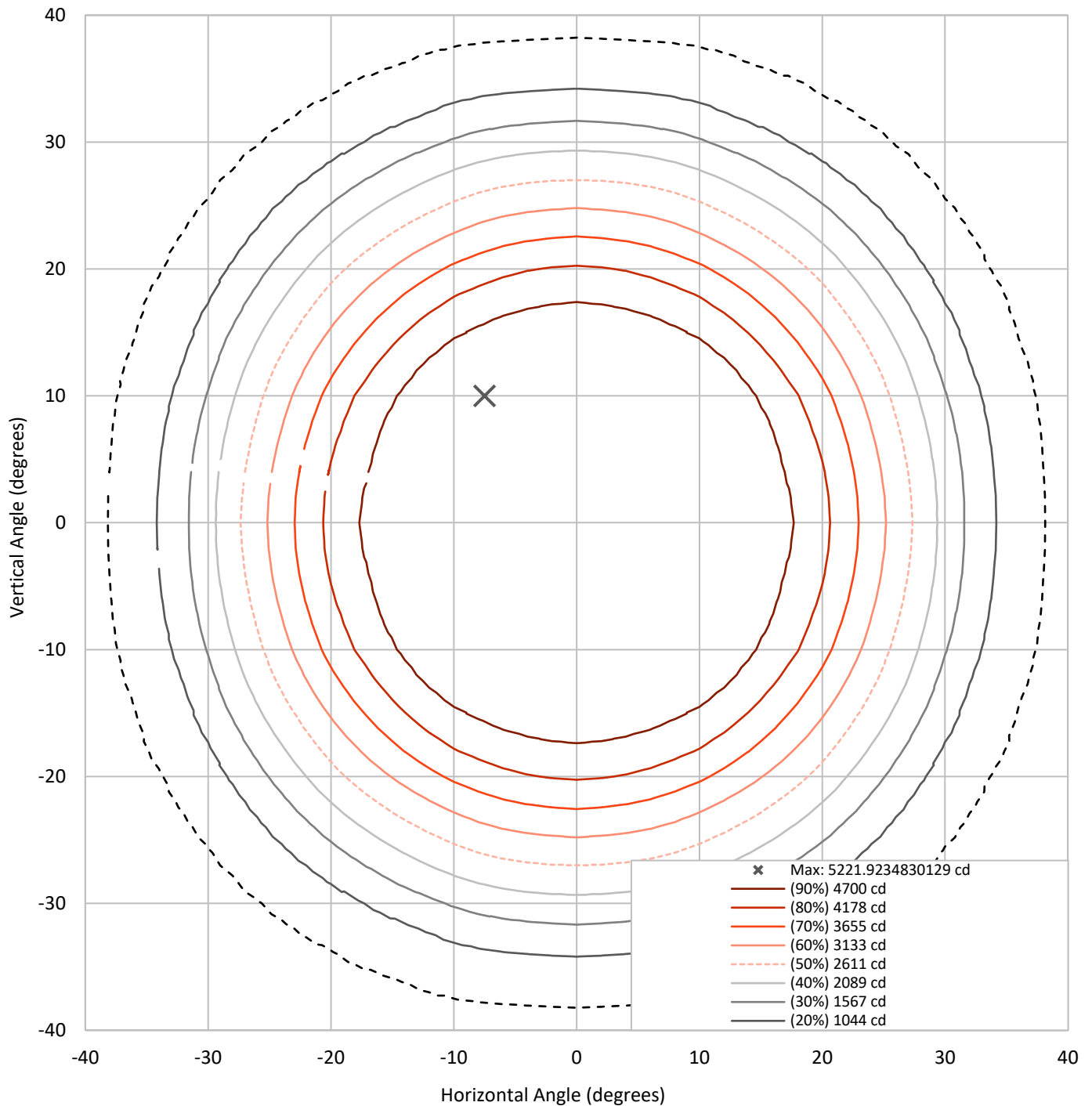
Field Angle (10%): 74.5°H x 75.5°V
Field Lumens: 3835.7 lumens
Field Efficiency: 86.3%

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



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Iso-Candela Plot





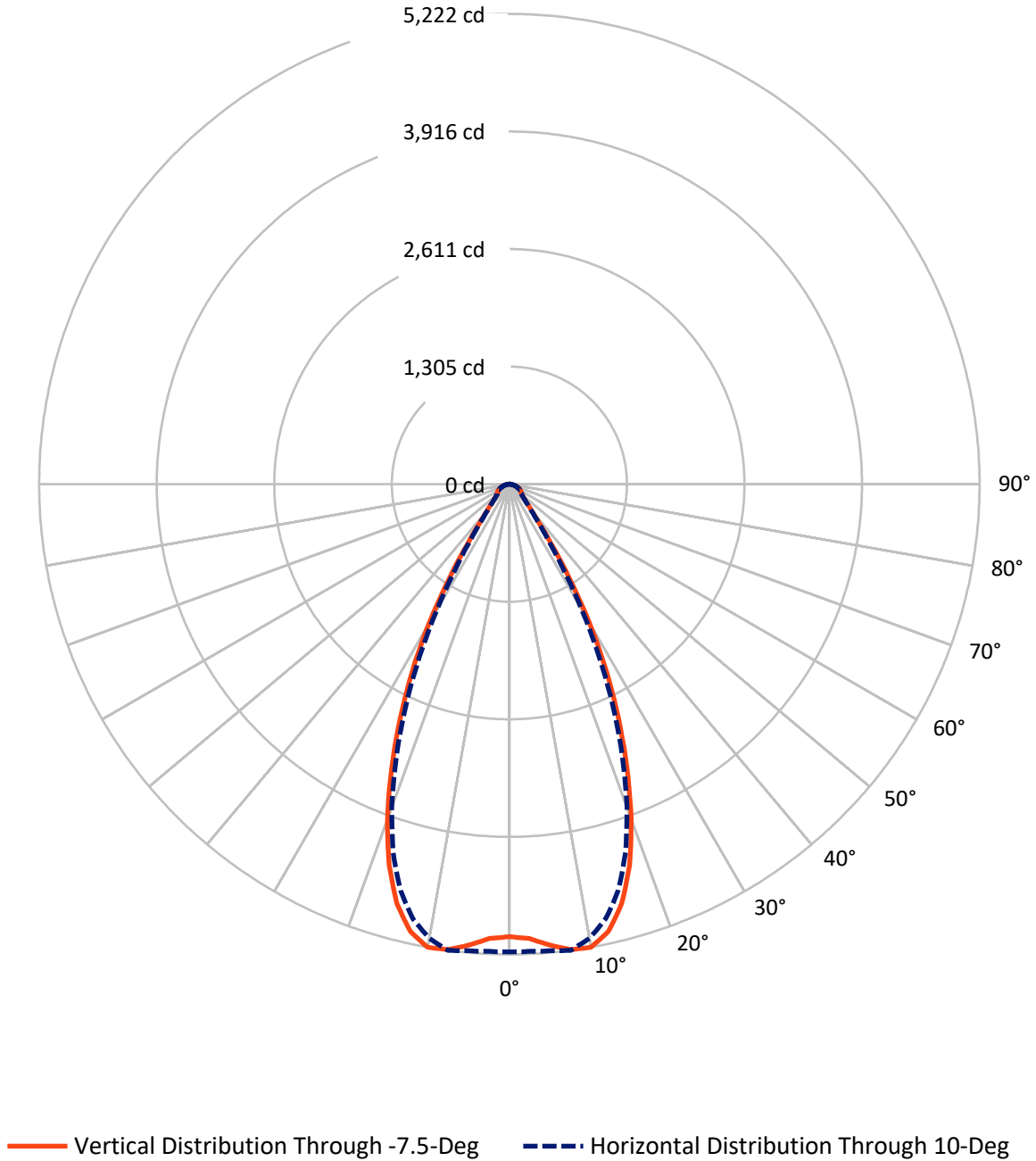
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Lumen Table

90	0.1	1.0	2.8	4.4	4.9	4.4	2.8	1.0	0.1							
80	0.1	1.0	2.8	4.4	4.9	4.4	2.8	1.0	0.1							
70	0.5	0.5	1.1	1.8	2.5	3.0	3.4	3.6	3.6	3.4	3.0	2.5	1.8	1.1	0.5	0.5
60		0.8	1.6	2.6	3.4	4.1	4.6	4.8	4.8	4.6	4.1	3.4	2.6	1.6	0.8	
50	0.8	1.0	2.0	3.1	4.2	5.4	6.8	7.8	7.8	6.8	5.4	4.2	3.1	2.0	1.0	0.8
40		1.2	2.4	3.6	5.5	10.1	19.3	28.7	28.7	19.3	10.1	5.5	3.6	2.4	1.2	
30	1.1	1.4	2.6	4.2	9.1	28.5	64.0	89.4	89.4	64.0	28.5	9.1	4.2	2.6	1.4	1.1
20		1.5	2.7	5.0	16.5	60.8	116.2	145.4	145.4	116.2	60.8	16.5	5.0	2.7	1.5	
10	1.2	1.5	2.8	5.6	23.7	83.2	140.9	153.3	153.3	140.9	83.2	23.7	5.6	2.8	1.5	1.2
0		1.5	2.8	5.6	23.7	83.2	140.9	153.3	153.3	140.9	83.2	23.7	5.6	2.8	1.5	
-10	1.1	1.5	2.7	5.0	16.5	60.8	116.2	145.4	145.4	116.2	60.8	16.5	5.0	2.7	1.5	1.1
-20		1.4	2.6	4.2	9.1	28.5	64.0	89.4	89.4	64.0	28.5	9.1	4.2	2.6	1.4	
-30	0.8	1.2	2.4	3.6	5.5	10.1	19.3	28.7	28.7	19.3	10.1	5.5	3.6	2.4	1.2	0.8
-40		1.0	2.0	3.1	4.2	5.4	6.8	7.8	7.8	6.8	5.4	4.2	3.1	2.0	1.0	
-50	0.5	0.8	1.6	2.6	3.4	4.1	4.6	4.8	4.8	4.6	4.1	3.4	2.6	1.6	0.8	0.5
-60		0.5	1.1	1.8	2.5	3.0	3.4	3.6	3.6	3.4	3.0	2.5	1.8	1.1	0.5	
-70	0.1	1.0	2.8	4.4	4.9	4.4	2.8	1.0	0.1							
-80		0.1	1.0	2.8	4.4	4.9	4.4	2.8	1.0	0.1						
-90	0.1	1.0	2.8	4.4	4.9	4.4	2.8	1.0	0.1							

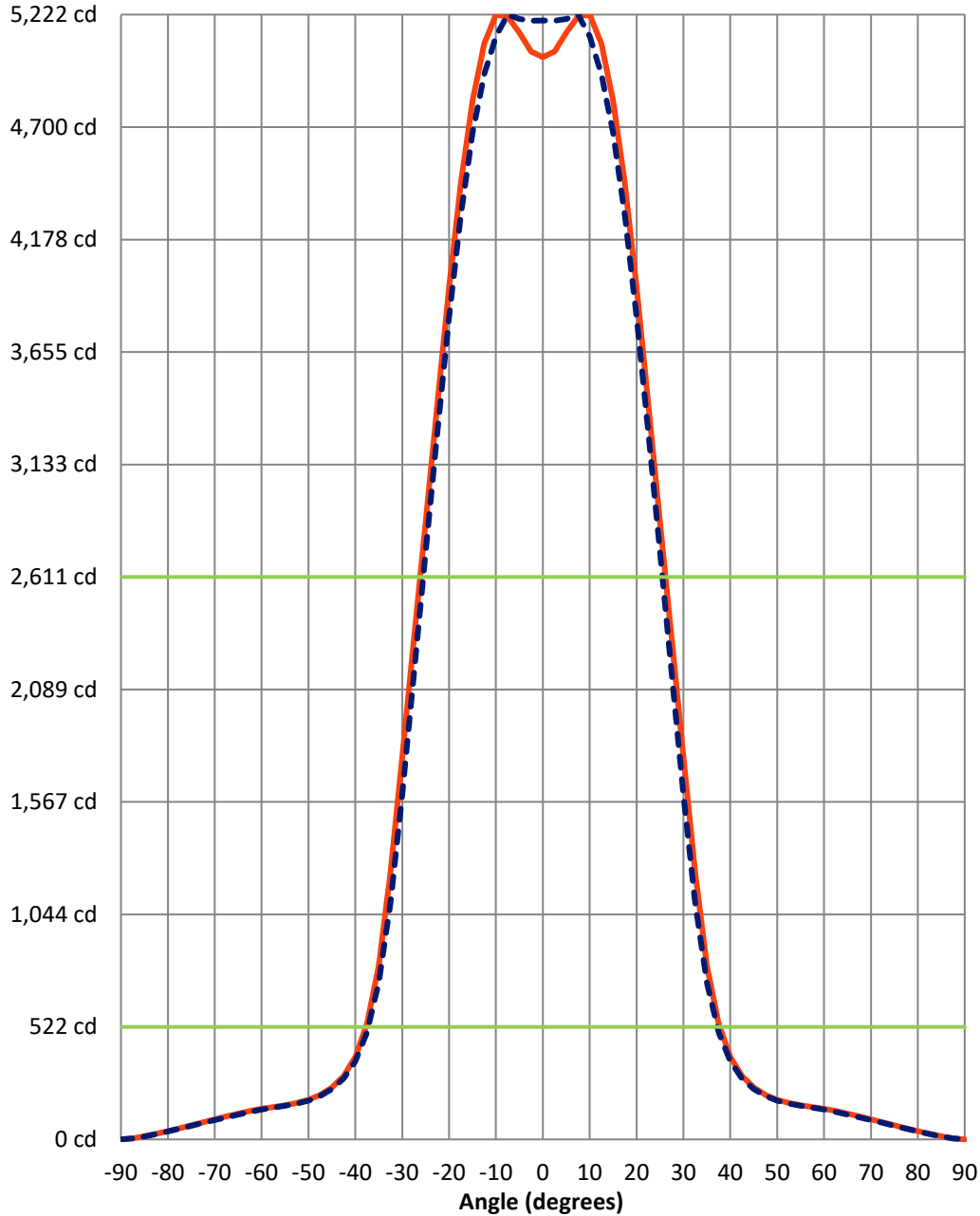
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Luminous Intensity Polar Plot



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Luminous Intensity Plot



Beam:
 H Angle: 51°
 V Angle: 52.3°
 Lumens: 2949.9
 Efficiency: 66.4%

Field:
 H Angle: 74.5°
 V Angle: 75.5°
 Lumens: 3835.7
 Efficiency: 86.3%

Spill:
 Lumens: 608.6
 Efficiency: 13.7%

— Vertical Distribution through -7.5-Deg
 - - Horizontal Distribution through 10-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	0.2	0.4	0.6	0.8	1.0	1.2	1.5	1.7	2.0	2.3
85°	0.0	0.4	0.8	1.2	1.6	2.0	2.4	2.9	3.4	4.0	4.6
82.5°	0.0	0.6	1.2	1.8	2.4	3.0	3.6	4.3	5.3	6.6	7.9
80°	0.0	0.8	1.6	2.4	3.2	4.0	4.9	6.7	8.5	10.1	11.7
77.5°	0.0	1.0	2.0	3.0	4.0	5.3	7.4	9.6	11.7	13.7	15.8
75°	0.0	1.2	2.4	3.6	4.9	7.4	10.0	12.5	15.0	17.9	20.7
72.5°	0.0	1.4	2.8	4.1	6.6	9.5	12.5	15.5	18.9	22.3	25.6
70°	0.0	1.6	3.1	4.8	8.2	11.6	15.0	18.9	22.8	26.6	30.6
67.5°	0.0	1.8	3.5	6.1	9.8	13.6	17.8	22.3	26.6	31.1	35.6
65°	0.0	1.9	3.9	7.2	11.4	15.7	20.6	25.6	30.5	35.5	40.8
62.5°	0.0	2.1	4.2	8.4	13.0	18.0	23.4	28.8	34.2	39.9	46.3
60°	0.0	2.3	4.6	9.6	14.5	20.2	26.0	32.0	37.9	44.7	51.6
57.5°	0.0	2.5	5.3	10.7	16.2	22.3	28.7	35.1	41.9	49.3	56.7
55°	0.0	2.6	6.0	11.8	17.8	24.4	31.3	38.1	45.8	53.8	61.5
52.5°	0.0	2.8	6.7	12.8	19.4	26.4	33.8	41.4	49.6	58.0	66.3
50°	0.0	3.0	7.4	13.9	20.9	28.5	36.3	44.6	53.3	62.1	70.8
47.5°	0.0	3.1	8.0	14.9	22.4	30.5	38.8	47.7	56.8	66.1	75.2
45°	0.0	3.3	8.6	15.9	23.8	32.4	41.3	50.7	60.2	69.9	79.5
42.5°	0.0	3.4	9.2	16.9	25.1	34.3	43.7	53.5	63.4	73.5	83.5
40°	0.0	3.5	9.7	17.8	26.5	36.1	46.0	56.2	66.5	77.0	87.3
37.5°	0.0	3.6	10.3	18.7	27.8	37.8	48.2	58.7	69.5	80.4	91.0
35°	0.0	3.8	10.7	19.5	29.1	39.5	50.2	61.0	72.3	83.5	94.5
32.5°	0.0	3.9	11.2	20.2	30.3	41.1	52.1	63.2	75.0	86.4	97.5
30°	0.0	4.0	11.6	20.9	31.5	42.6	53.8	65.3	77.5	89.1	100.4
27.5°	0.0	4.1	12.0	21.6	32.5	43.9	55.4	67.3	79.9	91.6	103.0
25°	0.0	4.2	12.3	22.2	33.4	45.1	56.8	69.1	81.9	93.8	105.4
22.5°	0.0	4.2	12.6	22.7	34.3	46.2	58.2	70.9	83.7	95.7	107.6
20°	0.0	4.3	12.9	23.2	35.0	47.2	59.3	72.4	85.3	97.5	109.5
17.5°	0.0	4.4	13.1	23.6	35.7	48.0	60.3	73.8	86.7	99.0	111.2
15°	0.0	4.4	13.3	23.9	36.2	48.7	61.3	75.0	87.8	100.3	112.7
12.5°	0.0	4.5	13.5	24.2	36.7	49.3	62.1	76.1	88.9	101.3	113.9
10°	0.0	4.5	13.6	24.4	37.0	49.7	62.8	77.0	89.8	102.4	114.9
7.5°	0.0	4.6	13.7	24.6	37.3	50.0	63.3	77.7	90.5	103.2	115.8
5°	0.0	4.6	13.7	24.7	37.5	50.3	63.7	78.2	91.0	103.7	116.5
2.5°	0.0	4.6	13.7	24.7	37.5	50.3	63.9	78.5	91.3	104.1	116.9
0°	0.0	4.6	13.7	24.7	37.5	50.3	64.0	78.6	91.4	104.2	117.0
-2.5°	0.0	4.6	13.7	24.7	37.5	50.3	63.9	78.5	91.3	104.1	116.9
-5°	0.0	4.6	13.7	24.7	37.5	50.3	63.7	78.2	91.0	103.7	116.5
-7.5°	0.0	4.6	13.7	24.6	37.3	50.0	63.3	77.7	90.5	103.2	115.8
-10°	0.0	4.5	13.6	24.4	37.0	49.7	62.8	77.0	89.8	102.4	114.9
-12.5°	0.0	4.5	13.5	24.2	36.7	49.3	62.1	76.1	88.9	101.3	113.9
-15°	0.0	4.4	13.3	23.9	36.2	48.7	61.3	75.0	87.8	100.3	112.7
-17.5°	0.0	4.4	13.1	23.6	35.7	48.0	60.3	73.8	86.7	99.0	111.2
-20°	0.0	4.3	12.9	23.2	35.0	47.2	59.3	72.4	85.3	97.5	109.5

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

CANDELA DISTRIBUTION (continued):

	-90°	-87.5°	-85°	-82.5°	-80°	-77.5°	-75°	-72.5°	-70°	-67.5°	-65°
-22.5°	0.0	4.2	12.6	22.7	34.3	46.2	58.2	70.9	83.7	95.7	107.6
-25°	0.0	4.2	12.3	22.2	33.4	45.1	56.8	69.1	81.9	93.8	105.4
-27.5°	0.0	4.1	12.0	21.6	32.5	43.9	55.4	67.3	79.9	91.6	103.0
-30°	0.0	4.0	11.6	20.9	31.5	42.6	53.8	65.3	77.5	89.1	100.4
-32.5°	0.0	3.9	11.2	20.2	30.3	41.1	52.1	63.2	75.0	86.4	97.5
-35°	0.0	3.8	10.7	19.5	29.1	39.5	50.2	61.0	72.3	83.5	94.5
-37.5°	0.0	3.6	10.3	18.7	27.8	37.8	48.2	58.7	69.5	80.4	91.0
-40°	0.0	3.5	9.7	17.8	26.5	36.1	46.0	56.2	66.5	77.0	87.3
-42.5°	0.0	3.4	9.2	16.9	25.1	34.3	43.7	53.5	63.4	73.5	83.5
-45°	0.0	3.3	8.6	15.9	23.8	32.4	41.3	50.7	60.2	69.9	79.5
-47.5°	0.0	3.1	8.0	14.9	22.4	30.5	38.8	47.7	56.8	66.1	75.2
-50°	0.0	3.0	7.4	13.9	20.9	28.5	36.3	44.6	53.3	62.1	70.8
-52.5°	0.0	2.8	6.7	12.8	19.4	26.4	33.8	41.4	49.6	58.0	66.3
-55°	0.0	2.6	6.0	11.8	17.8	24.4	31.3	38.1	45.8	53.8	61.5
-57.5°	0.0	2.5	5.3	10.7	16.2	22.3	28.7	35.1	41.9	49.3	56.7
-60°	0.0	2.3	4.6	9.6	14.5	20.2	26.0	32.0	37.9	44.7	51.6
-62.5°	0.0	2.1	4.2	8.4	13.0	18.0	23.4	28.8	34.2	39.9	46.3
-65°	0.0	1.9	3.9	7.2	11.4	15.7	20.6	25.6	30.5	35.5	40.8
-67.5°	0.0	1.8	3.5	6.1	9.8	13.6	17.8	22.3	26.6	31.1	35.6
-70°	0.0	1.6	3.1	4.8	8.2	11.6	15.0	18.9	22.8	26.6	30.6
-72.5°	0.0	1.4	2.8	4.1	6.6	9.5	12.5	15.5	18.9	22.3	25.6
-75°	0.0	1.2	2.4	3.6	4.9	7.4	10.0	12.5	15.0	17.9	20.7
-77.5°	0.0	1.0	2.0	3.0	4.0	5.3	7.4	9.6	11.7	13.7	15.8
-80°	0.0	0.8	1.6	2.4	3.2	4.0	4.9	6.7	8.5	10.1	11.7
-82.5°	0.0	0.6	1.2	1.8	2.4	3.0	3.6	4.3	5.3	6.6	7.9
-85°	0.0	0.4	0.8	1.2	1.6	2.0	2.4	2.9	3.4	4.0	4.6
-87.5°	0.0	0.2	0.4	0.6	0.8	1.0	1.2	1.5	1.7	2.0	2.3
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



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CANDELA DISTRIBUTION (continued):

	-62.5°	-60°	-57.5°	-55°	-52.5°	-50°	-47.5°	-45°	-42.5°	-40°	-37.5°
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
87.5°	2.5	2.7	3.0	3.2	3.3	3.5	3.7	3.9	4.1	4.2	4.4
85°	5.1	5.5	6.2	7.0	7.7	8.3	9.0	9.6	10.2	10.8	11.4
82.5°	9.1	10.2	11.4	12.7	13.7	14.8	15.8	16.8	17.8	18.9	19.9
80°	13.3	14.9	16.8	18.6	20.2	21.7	23.1	24.5	26.0	27.6	29.3
77.5°	18.2	20.6	22.8	24.9	26.9	29.0	31.1	33.2	35.3	37.4	39.3
75°	23.5	26.2	29.0	31.8	34.5	37.1	39.7	42.3	44.9	47.5	50.0
72.5°	29.0	32.4	35.7	39.0	42.3	45.6	48.7	51.8	54.9	58.1	61.2
70°	34.6	38.5	42.6	46.6	50.4	54.2	58.0	61.7	65.4	69.1	72.8
67.5°	40.3	45.2	49.8	54.2	58.7	63.2	67.5	72.0	76.3	80.6	84.8
65°	46.6	51.9	57.0	62.0	67.1	72.4	77.5	82.5	87.5	92.3	96.6
62.5°	52.8	58.4	64.0	69.7	75.8	81.7	87.4	93.0	98.8	103.8	108.2
60°	58.4	64.7	71.0	77.5	84.2	90.6	96.9	103.0	109.2	115.0	118.6
57.5°	63.9	70.8	77.8	84.8	91.9	99.0	105.6	112.4	118.1	123.0	127.2
55°	69.2	76.8	84.2	91.6	99.1	106.6	113.8	120.2	125.9	130.0	134.0
52.5°	74.4	82.4	90.0	98.0	106.0	113.9	121.5	127.5	132.1	136.3	140.0
50°	79.4	87.5	95.6	104.2	112.8	121.1	128.2	133.5	138.2	142.2	146.2
47.5°	84.1	92.6	101.2	110.3	119.2	127.3	133.9	139.3	144.1	148.5	153.1
45°	88.7	97.6	106.7	116.1	125.3	133.1	139.4	145.3	149.8	154.7	160.1
42.5°	93.1	102.5	112.0	121.7	131.0	138.3	144.5	149.9	155.2	161.1	167.6
40°	97.3	107.1	117.0	127.1	136.4	142.8	148.9	154.7	161.1	168.1	175.6
37.5°	101.2	111.4	121.7	132.2	140.3	146.9	153.2	159.6	167.1	175.2	185.3
35°	104.9	115.4	126.1	136.2	143.8	150.9	157.4	164.5	173.3	183.9	196.8
32.5°	108.3	119.1	130.1	139.4	147.1	154.4	161.1	170.0	180.5	193.1	211.5
30°	111.4	122.5	133.6	142.5	150.0	157.4	165.5	175.5	187.9	206.2	229.7
27.5°	114.3	125.6	136.3	145.1	152.7	160.3	169.7	181.9	198.1	220.0	249.2
25°	117.0	128.5	138.8	147.3	155.1	163.5	173.8	187.5	208.8	237.1	276.6
22.5°	119.4	131.2	141.3	149.2	157.4	166.5	178.5	195.7	220.2	253.2	304.1
20°	121.6	133.2	143.2	150.9	159.5	169.0	182.7	203.4	233.0	275.7	340.7
17.5°	123.5	135.0	144.5	152.7	161.5	171.8	186.8	210.1	244.3	295.4	377.7
15°	125.1	136.5	145.7	154.1	163.3	175.0	192.5	218.8	257.5	315.8	409.9
12.5°	126.4	137.7	146.7	155.3	164.8	177.6	197.3	227.0	271.2	340.9	457.4
10°	127.5	138.7	147.4	156.2	166.0	179.8	201.3	233.8	282.5	362.7	498.0
7.5°	128.5	139.4	147.9	156.9	166.8	181.4	204.3	239.0	291.2	379.7	530.1
5°	129.2	139.8	148.2	157.3	167.5	182.4	206.4	242.5	297.2	392.0	552.7
2.5°	129.7	139.9	148.2	157.4	168.0	182.9	207.4	244.5	301.9	397.7	564.8
0°	129.8	139.8	148.0	157.2	168.2	182.8	207.5	244.9	304.3	397.5	566.6
-2.5°	129.7	139.9	148.2	157.4	168.0	182.9	207.4	244.5	301.9	397.7	564.8
-5°	129.2	139.8	148.2	157.3	167.5	182.4	206.4	242.5	297.2	392.0	552.7
-7.5°	128.5	139.4	147.9	156.9	166.8	181.4	204.3	239.0	291.2	379.7	530.1
-10°	127.5	138.7	147.4	156.2	166.0	179.8	201.3	233.8	282.5	362.7	498.0
-12.5°	126.4	137.7	146.7	155.3	164.8	177.6	197.3	227.0	271.2	340.9	457.4
-15°	125.1	136.5	145.7	154.1	163.3	175.0	192.5	218.8	257.5	315.8	409.9
-17.5°	123.5	135.0	144.5	152.7	161.5	171.8	186.8	210.1	244.3	295.4	377.7
-20°	121.6	133.2	143.2	150.9	159.5	169.0	182.7	203.4	233.0	275.7	340.7

Classified

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

Scaled Data Report



REPORT NUMBER: P626647 (CONVERTED FROM TYPE C PHOTOMETRY)

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

CANDELA DISTRIBUTION (continued):

	-62.5°	-60°	-57.5°	-55°	-52.5°	-50°	-47.5°	-45°	-42.5°	-40°	-37.5°
-22.5°	119.4	131.2	141.3	149.2	157.4	166.5	178.5	195.7	220.2	253.2	304.1
-25°	117.0	128.5	138.8	147.3	155.1	163.5	173.8	187.5	208.8	237.1	276.6
-27.5°	114.3	125.6	136.3	145.1	152.7	160.3	169.7	181.9	198.1	220.0	249.2
-30°	111.4	122.5	133.6	142.5	150.0	157.4	165.5	175.5	187.9	206.2	229.7
-32.5°	108.3	119.1	130.1	139.4	147.1	154.4	161.1	170.0	180.5	193.1	211.5
-35°	104.9	115.4	126.1	136.2	143.8	150.9	157.4	164.5	173.3	183.9	196.8
-37.5°	101.2	111.4	121.7	132.2	140.3	146.9	153.2	159.6	167.1	175.2	185.3
-40°	97.3	107.1	117.0	127.1	136.4	142.8	148.9	154.7	161.1	168.1	175.6
-42.5°	93.1	102.5	112.0	121.7	131.0	138.3	144.5	149.9	155.2	161.1	167.6
-45°	88.7	97.6	106.7	116.1	125.3	133.1	139.4	145.3	149.8	154.7	160.1
-47.5°	84.1	92.6	101.2	110.3	119.2	127.3	133.9	139.3	144.1	148.5	153.1
-50°	79.4	87.5	95.6	104.2	112.8	121.1	128.2	133.5	138.2	142.2	146.2
-52.5°	74.4	82.4	90.0	98.0	106.0	113.9	121.5	127.5	132.1	136.3	140.0
-55°	69.2	76.8	84.2	91.6	99.1	106.6	113.8	120.2	125.9	130.0	134.0
-57.5°	63.9	70.8	77.8	84.8	91.9	99.0	105.6	112.4	118.1	123.0	127.2
-60°	58.4	64.7	71.0	77.5	84.2	90.6	96.9	103.0	109.2	115.0	118.6
-62.5°	52.8	58.4	64.0	69.7	75.8	81.7	87.4	93.0	98.8	103.8	108.2
-65°	46.6	51.9	57.0	62.0	67.1	72.4	77.5	82.5	87.5	92.3	96.6
-67.5°	40.3	45.2	49.8	54.2	58.7	63.2	67.5	72.0	76.3	80.6	84.8
-70°	34.6	38.5	42.6	46.6	50.4	54.2	58.0	61.7	65.4	69.1	72.8
-72.5°	29.0	32.4	35.7	39.0	42.3	45.6	48.7	51.8	54.9	58.1	61.2
-75°	23.5	26.2	29.0	31.8	34.5	37.1	39.7	42.3	44.9	47.5	50.0
-77.5°	18.2	20.6	22.8	24.9	26.9	29.0	31.1	33.2	35.3	37.4	39.3
-80°	13.3	14.9	16.8	18.6	20.2	21.7	23.1	24.5	26.0	27.6	29.3
-82.5°	9.1	10.2	11.4	12.7	13.7	14.8	15.8	16.8	17.8	18.9	19.9
-85°	5.1	5.5	6.2	7.0	7.7	8.3	9.0	9.6	10.2	10.8	11.4
-87.5°	2.5	2.7	3.0	3.2	3.3	3.5	3.7	3.9	4.1	4.2	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: P626647 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA1C-722-U-MWR-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°	4.5	4.5	4.4	4.3	4.2	4.5	4.7	5.0	5.3	5.2	5.0
85°	11.9	12.1	12.4	12.6	12.7	13.3	13.8	14.3	14.8	14.8	14.7
82.5°	20.9	21.6	22.2	22.7	23.2	23.8	24.4	24.9	25.4	25.7	26.0
80°	30.8	31.9	32.9	33.7	34.5	35.4	36.2	36.9	37.5	37.9	38.1
77.5°	41.3	42.9	44.3	45.7	47.0	48.3	49.4	50.5	51.4	51.6	51.6
75°	52.4	54.5	56.5	58.4	60.1	61.6	62.9	63.9	64.8	65.2	65.4
72.5°	64.1	66.7	69.1	71.2	73.0	74.6	75.9	77.0	78.0	78.6	79.0
70°	76.3	79.4	81.8	83.8	85.4	86.9	88.6	90.2	91.8	92.6	93.0
67.5°	88.5	91.7	94.0	95.8	97.2	98.7	100.9	102.8	104.6	105.7	106.4
65°	100.5	103.9	106.1	107.8	109.1	110.7	113.1	115.0	116.4	117.6	118.6
62.5°	112.3	115.7	118.2	120.3	122.2	123.9	125.8	127.4	128.7	129.8	131.1
60°	122.5	126.6	129.2	131.3	133.7	136.3	137.7	138.9	140.0	140.9	141.7
57.5°	130.9	134.5	137.9	140.4	142.9	145.3	147.0	148.1	149.0	149.7	150.0
55°	137.9	141.6	145.4	148.1	150.5	152.8	154.6	156.1	157.4	158.3	158.6
52.5°	144.2	148.4	152.0	155.2	158.4	161.1	163.1	165.2	166.9	168.3	168.9
50°	151.0	155.4	160.0	164.2	167.7	170.7	173.2	176.0	179.0	181.5	183.0
47.5°	158.1	163.2	168.8	174.0	178.1	182.5	186.7	190.9	196.4	201.1	204.5
45°	165.7	172.2	178.5	185.2	190.8	199.2	207.0	213.7	222.6	230.6	237.0
42.5°	174.5	182.7	190.4	201.1	212.2	223.7	236.1	246.6	260.6	274.7	286.2
40°	185.0	195.4	209.1	223.4	241.0	256.8	278.2	297.2	318.6	345.5	367.8
37.5°	197.6	213.7	232.7	252.6	280.1	306.3	341.7	378.9	412.7	464.6	508.3
35°	214.1	236.5	261.5	296.8	335.7	384.8	440.0	511.9	573.6	661.2	744.8
32.5°	235.3	264.0	304.9	359.4	416.9	506.1	593.6	718.6	834.3	973.1	1122.8
30°	258.8	302.6	365.1	439.8	547.0	678.3	832.6	1024.5	1234.5	1429.5	1621.7
27.5°	292.9	355.7	437.8	558.4	725.4	909.1	1179.4	1439.9	1711.7	1953.3	2154.8
25°	332.7	415.7	542.7	720.2	946.1	1260.7	1584.2	1905.8	2198.1	2451.0	2673.6
22.5°	384.2	503.5	672.8	902.7	1254.4	1631.5	2011.0	2365.6	2677.4	2959.0	3200.0
20°	440.1	589.4	831.1	1174.1	1576.3	2005.9	2434.3	2812.1	3155.4	3474.7	3746.4
17.5°	511.0	720.1	1026.2	1437.6	1902.6	2373.3	2823.4	3233.3	3622.8	3960.7	4244.6
15°	571.5	835.2	1234.7	1717.2	2220.2	2716.7	3191.8	3637.1	4042.1	4388.8	4655.6
12.5°	652.1	964.2	1419.8	1957.5	2502.6	3025.0	3525.5	3985.8	4397.9	4740.8	4948.5
10°	728.3	1097.8	1598.7	2159.5	2725.8	3282.4	3816.8	4288.8	4671.5	4944.3	5121.2
7.5°	793.1	1212.6	1744.3	2322.8	2903.2	3485.1	4026.0	4485.3	4838.1	5065.9	5189.1
5°	841.5	1298.4	1852.3	2455.4	3051.0	3643.1	4179.8	4610.9	4915.9	5085.1	5146.9
2.5°	872.3	1348.8	1914.9	2542.4	3149.9	3743.1	4285.3	4709.7	4968.4	5080.6	5091.2
0°	884.6	1355.3	1924.6	2588.1	3174.8	3771.6	4315.3	4750.3	4988.0	5080.3	5078.4
-2.5°	872.3	1348.8	1914.9	2542.4	3149.9	3743.1	4285.3	4709.7	4968.4	5080.6	5091.2
-5°	841.5	1298.4	1852.3	2455.4	3051.0	3643.1	4179.8	4610.9	4915.9	5085.1	5146.9
-7.5°	793.1	1212.6	1744.3	2322.8	2903.2	3485.1	4026.0	4485.3	4838.1	5065.9	5189.1
-10°	728.3	1097.8	1598.7	2159.5	2725.8	3282.4	3816.8	4288.8	4671.5	4944.3	5121.2
-12.5°	652.1	964.2	1419.8	1957.5	2502.6	3025.0	3525.5	3985.8	4397.9	4740.8	4948.5
-15°	571.5	835.2	1234.7	1717.2	2220.2	2716.7	3191.8	3637.1	4042.1	4388.8	4655.6
-17.5°	511.0	720.1	1026.2	1437.6	1902.6	2373.3	2823.4	3233.3	3622.8	3960.7	4244.6
-20°	440.1	589.4	831.1	1174.1	1576.3	2005.9	2434.3	2812.1	3155.4	3474.7	3746.4

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Cooper Lighting Solutions Photometric Lab
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Scaled Data Report



REPORT NUMBER: P626647 (CONVERTED FROM TYPE C PHOTOMETRY)

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

CANDELA DISTRIBUTION (continued):

	-35°	-32.5°	-30°	-27.5°	-25°	-22.5°	-20°	-17.5°	-15°	-12.5°	-10°
-22.5°	384.2	503.5	672.8	902.7	1254.4	1631.5	2011.0	2365.6	2677.4	2959.0	3200.0
-25°	332.7	415.7	542.7	720.2	946.1	1260.7	1584.2	1905.8	2198.1	2451.0	2673.6
-27.5°	292.9	355.7	437.8	558.4	725.4	909.1	1179.4	1439.9	1711.7	1953.3	2154.8
-30°	258.8	302.6	365.1	439.8	547.0	678.3	832.6	1024.5	1234.5	1429.5	1621.7
-32.5°	235.3	264.0	304.9	359.4	416.9	506.1	593.6	718.6	834.3	973.1	1122.8
-35°	214.1	236.5	261.5	296.8	335.7	384.8	440.0	511.9	573.6	661.2	744.8
-37.5°	197.6	213.7	232.7	252.6	280.1	306.3	341.7	378.9	412.7	464.6	508.3
-40°	185.0	195.4	209.1	223.4	241.0	256.8	278.2	297.2	318.6	345.5	367.8
-42.5°	174.5	182.7	190.4	201.1	212.2	223.7	236.1	246.6	260.6	274.7	286.2
-45°	165.7	172.2	178.5	185.2	190.8	199.2	207.0	213.7	222.6	230.6	237.0
-47.5°	158.1	163.2	168.8	174.0	178.1	182.5	186.7	190.9	196.4	201.1	204.5
-50°	151.0	155.4	160.0	164.2	167.7	170.7	173.2	176.0	179.0	181.5	183.0
-52.5°	144.2	148.4	152.0	155.2	158.4	161.1	163.1	165.2	166.9	168.3	168.9
-55°	137.9	141.6	145.4	148.1	150.5	152.8	154.6	156.1	157.4	158.3	158.6
-57.5°	130.9	134.5	137.9	140.4	142.9	145.3	147.0	148.1	149.0	149.7	150.0
-60°	122.5	126.6	129.2	131.3	133.7	136.3	137.7	138.9	140.0	140.9	141.7
-62.5°	112.3	115.7	118.2	120.3	122.2	123.9	125.8	127.4	128.7	129.8	131.1
-65°	100.5	103.9	106.1	107.8	109.1	110.7	113.1	115.0	116.4	117.6	118.6
-67.5°	88.5	91.7	94.0	95.8	97.2	98.7	100.9	102.8	104.6	105.7	106.4
-70°	76.3	79.4	81.8	83.8	85.4	86.9	88.6	90.2	91.8	92.6	93.0
-72.5°	64.1	66.7	69.1	71.2	73.0	74.6	75.9	77.0	78.0	78.6	79.0
-75°	52.4	54.5	56.5	58.4	60.1	61.6	62.9	63.9	64.8	65.2	65.4
-77.5°	41.3	42.9	44.3	45.7	47.0	48.3	49.4	50.5	51.4	51.6	51.6
-80°	30.8	31.9	32.9	33.7	34.5	35.4	36.2	36.9	37.5	37.9	38.1
-82.5°	20.9	21.6	22.2	22.7	23.2	23.8	24.4	24.9	25.4	25.7	26.0
-85°	11.9	12.1	12.4	12.6	12.7	13.3	13.8	14.3	14.8	14.8	14.7
-87.5°	4.5	4.5	4.4	4.3	4.2	4.5	4.7	5.0	5.3	5.2	5.0
-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: P626647 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA1C-722-U-MWR-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°	4.8	4.6	4.6	4.6	4.6	4.6	4.8	5.0	5.2	5.3	5.0
85°	14.7	14.5	14.1	13.7	14.1	14.5	14.7	14.7	14.8	14.8	14.3
82.5°	26.2	26.4	26.0	25.6	26.0	26.4	26.2	26.0	25.7	25.4	24.9
80°	38.2	38.2	37.9	37.5	37.9	38.2	38.2	38.1	37.9	37.5	36.9
77.5°	51.3	51.0	51.1	51.2	51.1	51.0	51.3	51.6	51.6	51.4	50.5
75°	65.5	65.5	65.3	64.9	65.3	65.5	65.5	65.4	65.2	64.8	63.9
72.5°	79.2	79.2	79.0	78.6	79.0	79.2	79.2	79.0	78.6	78.0	77.0
70°	93.0	92.9	93.1	93.2	93.1	92.9	93.0	93.0	92.6	91.8	90.2
67.5°	107.0	107.3	107.3	106.9	107.3	107.3	107.0	106.4	105.7	104.6	102.8
65°	119.5	120.1	120.5	120.6	120.5	120.1	119.5	118.6	117.6	116.4	115.0
62.5°	132.1	132.8	132.9	132.5	132.9	132.8	132.1	131.1	129.8	128.7	127.4
60°	142.1	142.3	142.1	141.7	142.1	142.3	142.1	141.7	140.9	140.0	138.9
57.5°	150.0	149.7	149.4	149.0	149.4	149.7	150.0	150.0	149.7	149.0	148.1
55°	158.4	158.0	157.6	157.2	157.6	158.0	158.4	158.6	158.3	157.4	156.1
52.5°	169.0	168.8	168.6	168.2	168.6	168.8	169.0	168.9	168.3	166.9	165.2
50°	183.8	184.0	184.0	183.7	184.0	184.0	183.8	183.0	181.5	179.0	176.0
47.5°	206.7	208.0	208.8	209.3	208.8	208.0	206.7	204.5	201.1	196.4	190.9
45°	241.1	243.5	245.3	246.7	245.3	243.5	241.1	237.0	230.6	222.6	213.7
42.5°	294.2	299.6	302.2	301.6	302.2	299.6	294.2	286.2	274.7	260.6	246.6
40°	382.7	391.5	396.4	400.3	396.4	391.5	382.7	367.8	345.5	318.6	297.2
37.5°	538.1	555.2	564.2	572.1	564.2	555.2	538.1	508.3	464.6	412.7	378.9
35°	807.3	845.9	866.5	873.7	866.5	845.9	807.3	744.8	661.2	573.6	511.9
32.5°	1239.3	1310.3	1349.6	1380.0	1349.6	1310.3	1239.3	1122.8	973.1	834.3	718.6
30°	1773.9	1867.4	1919.4	1944.7	1919.4	1867.4	1773.9	1621.7	1429.5	1234.5	1024.5
27.5°	2321.8	2428.2	2484.2	2481.2	2484.2	2428.2	2321.8	2154.8	1953.3	1711.7	1439.9
25°	2864.5	2987.7	3043.6	3093.5	3043.6	2987.7	2864.5	2673.6	2451.0	2198.1	1905.8
22.5°	3413.4	3557.4	3636.1	3672.9	3636.1	3557.4	3413.4	3200.0	2959.0	2677.4	2365.6
20°	3955.7	4116.1	4199.5	4235.8	4199.5	4116.1	3955.7	3746.4	3474.7	3155.4	2812.1
17.5°	4436.7	4593.2	4672.7	4706.5	4672.7	4593.2	4436.7	4244.6	3960.7	3622.8	3233.3
15°	4820.7	4936.2	5003.9	5021.8	5003.9	4936.2	4820.7	4655.6	4388.8	4042.1	3637.1
12.5°	5086.2	5131.0	5163.5	5173.5	5163.5	5131.0	5086.2	4948.5	4740.8	4397.9	3985.8
10°	5221.9	5201.8	5193.4	5194.5	5193.4	5201.8	5221.9	5121.2	4944.3	4671.5	4288.8
7.5°	5212.6	5182.7	5122.7	5113.2	5122.7	5182.7	5212.6	5189.1	5065.9	4838.1	4485.3
5°	5137.7	5083.3	4983.7	4955.1	4983.7	5083.3	5137.7	5146.9	5085.1	4915.9	4610.9
2.5°	5050.4	4952.4	4860.6	4801.5	4860.6	4952.4	5050.4	5091.2	5080.6	4968.4	4709.7
0°	5024.5	4911.2	4792.4	4754.0	4792.4	4911.2	5024.5	5078.4	5080.3	4988.0	4750.3
-2.5°	5050.4	4952.4	4860.6	4801.5	4860.6	4952.4	5050.4	5091.2	5080.6	4968.4	4709.7
-5°	5137.7	5083.3	4983.7	4955.1	4983.7	5083.3	5137.7	5146.9	5085.1	4915.9	4610.9
-7.5°	5212.6	5182.7	5122.7	5113.2	5122.7	5182.7	5212.6	5189.1	5065.9	4838.1	4485.3
-10°	5221.9	5201.8	5193.4	5194.5	5193.4	5201.8	5221.9	5121.2	4944.3	4671.5	4288.8
-12.5°	5086.2	5131.0	5163.5	5173.5	5163.5	5131.0	5086.2	4948.5	4740.8	4397.9	3985.8
-15°	4820.7	4936.2	5003.9	5021.8	5003.9	4936.2	4820.7	4655.6	4388.8	4042.1	3637.1
-17.5°	4436.7	4593.2	4672.7	4706.5	4672.7	4593.2	4436.7	4244.6	3960.7	3622.8	3233.3
-20°	3955.7	4116.1	4199.5	4235.8	4199.5	4116.1	3955.7	3746.4	3474.7	3155.4	2812.1



REPORT NUMBER: P626647 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA1C-722-U-MWR-XX

CANDELA DISTRIBUTION (continued):

	-7.5°	-5°	-2.5°	0°	2.5°	5°	7.5°	10°	12.5°	15°	17.5°
-22.5°	3413.4	3557.4	3636.1	3672.9	3636.1	3557.4	3413.4	3200.0	2959.0	2677.4	2365.6
-25°	2864.5	2987.7	3043.6	3093.5	3043.6	2987.7	2864.5	2673.6	2451.0	2198.1	1905.8
-27.5°	2321.8	2428.2	2484.2	2481.2	2484.2	2428.2	2321.8	2154.8	1953.3	1711.7	1439.9
-30°	1773.9	1867.4	1919.4	1944.7	1919.4	1867.4	1773.9	1621.7	1429.5	1234.5	1024.5
-32.5°	1239.3	1310.3	1349.6	1380.0	1349.6	1310.3	1239.3	1122.8	973.1	834.3	718.6
-35°	807.3	845.9	866.5	873.7	866.5	845.9	807.3	744.8	661.2	573.6	511.9
-37.5°	538.1	555.2	564.2	572.1	564.2	555.2	538.1	508.3	464.6	412.7	378.9
-40°	382.7	391.5	396.4	400.3	396.4	391.5	382.7	367.8	345.5	318.6	297.2
-42.5°	294.2	299.6	302.2	301.6	302.2	299.6	294.2	286.2	274.7	260.6	246.6
-45°	241.1	243.5	245.3	246.7	245.3	243.5	241.1	237.0	230.6	222.6	213.7
-47.5°	206.7	208.0	208.8	209.3	208.8	208.0	206.7	204.5	201.1	196.4	190.9
-50°	183.8	184.0	184.0	183.7	184.0	184.0	183.8	183.0	181.5	179.0	176.0
-52.5°	169.0	168.8	168.6	168.2	168.6	168.8	169.0	168.9	168.3	166.9	165.2
-55°	158.4	158.0	157.6	157.2	157.6	158.0	158.4	158.6	158.3	157.4	156.1
-57.5°	150.0	149.7	149.4	149.0	149.4	149.7	150.0	150.0	149.7	149.0	148.1
-60°	142.1	142.3	142.1	141.7	142.1	142.3	142.1	141.7	140.9	140.0	138.9
-62.5°	132.1	132.8	132.9	132.5	132.9	132.8	132.1	131.1	129.8	128.7	127.4
-65°	119.5	120.1	120.5	120.6	120.5	120.1	119.5	118.6	117.6	116.4	115.0
-67.5°	107.0	107.3	107.3	106.9	107.3	107.3	107.0	106.4	105.7	104.6	102.8
-70°	93.0	92.9	93.1	93.2	93.1	92.9	93.0	93.0	92.6	91.8	90.2
-72.5°	79.2	79.2	79.0	78.6	79.0	79.2	79.2	79.0	78.6	78.0	77.0
-75°	65.5	65.5	65.3	64.9	65.3	65.5	65.5	65.4	65.2	64.8	63.9
-77.5°	51.3	51.0	51.1	51.2	51.1	51.0	51.3	51.6	51.6	51.4	50.5
-80°	38.2	38.2	37.9	37.5	37.9	38.2	38.2	38.1	37.9	37.5	36.9
-82.5°	26.2	26.4	26.0	25.6	26.0	26.4	26.2	26.0	25.7	25.4	24.9
-85°	14.7	14.5	14.1	13.7	14.1	14.5	14.7	14.7	14.8	14.8	14.3
-87.5°	4.8	4.6	4.6	4.6	4.6	4.6	4.8	5.0	5.2	5.3	5.0
-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: P626647 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA1C-722-U-MWR-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°	4.7	4.5	4.2	4.3	4.4	4.5	4.5	4.4	4.2	4.1	3.9
85°	13.8	13.3	12.7	12.6	12.4	12.1	11.9	11.4	10.8	10.2	9.6
82.5°	24.4	23.8	23.2	22.7	22.2	21.6	20.9	19.9	18.9	17.8	16.8
80°	36.2	35.4	34.5	33.7	32.9	31.9	30.8	29.3	27.6	26.0	24.5
77.5°	49.4	48.3	47.0	45.7	44.3	42.9	41.3	39.3	37.4	35.3	33.2
75°	62.9	61.6	60.1	58.4	56.5	54.5	52.4	50.0	47.5	44.9	42.3
72.5°	75.9	74.6	73.0	71.2	69.1	66.7	64.1	61.2	58.1	54.9	51.8
70°	88.6	86.9	85.4	83.8	81.8	79.4	76.3	72.8	69.1	65.4	61.7
67.5°	100.9	98.7	97.2	95.8	94.0	91.7	88.5	84.8	80.6	76.3	72.0
65°	113.1	110.7	109.1	107.8	106.1	103.9	100.5	96.6	92.3	87.5	82.5
62.5°	125.8	123.9	122.2	120.3	118.2	115.7	112.3	108.2	103.8	98.8	93.0
60°	137.7	136.3	133.7	131.3	129.2	126.6	122.5	118.6	115.0	109.2	103.0
57.5°	147.0	145.3	142.9	140.4	137.9	134.5	130.9	127.2	123.0	118.1	112.4
55°	154.6	152.8	150.5	148.1	145.4	141.6	137.9	134.0	130.0	125.9	120.2
52.5°	163.1	161.1	158.4	155.2	152.0	148.4	144.2	140.0	136.3	132.1	127.5
50°	173.2	170.7	167.7	164.2	160.0	155.4	151.0	146.2	142.2	138.2	133.5
47.5°	186.7	182.5	178.1	174.0	168.8	163.2	158.1	153.1	148.5	144.1	139.3
45°	207.0	199.2	190.8	185.2	178.5	172.2	165.7	160.1	154.7	149.8	145.3
42.5°	236.1	223.7	212.2	201.1	190.4	182.7	174.5	167.6	161.1	155.2	149.9
40°	278.2	256.8	241.0	223.4	209.1	195.4	185.0	175.6	168.1	161.1	154.7
37.5°	341.7	306.3	280.1	252.6	232.7	213.7	197.6	185.3	175.2	167.1	159.6
35°	440.0	384.8	335.7	296.8	261.5	236.5	214.1	196.8	183.9	173.3	164.5
32.5°	593.6	506.1	416.9	359.4	304.9	264.0	235.3	211.5	193.1	180.5	170.0
30°	832.6	678.3	547.0	439.8	365.1	302.6	258.8	229.7	206.2	187.9	175.5
27.5°	1179.4	909.1	725.4	558.4	437.8	355.7	292.9	249.2	220.0	198.1	181.9
25°	1584.2	1260.7	946.1	720.2	542.7	415.7	332.7	276.6	237.1	208.8	187.5
22.5°	2011.0	1631.5	1254.4	902.7	672.8	503.5	384.2	304.1	253.2	220.2	195.7
20°	2434.3	2005.9	1576.3	1174.1	831.1	589.4	440.1	340.7	275.7	233.0	203.4
17.5°	2823.4	2373.3	1902.6	1437.6	1026.2	720.1	511.0	377.7	295.4	244.3	210.1
15°	3191.8	2716.7	2220.2	1717.2	1234.7	835.2	571.5	409.9	315.8	257.5	218.8
12.5°	3525.5	3025.0	2502.6	1957.5	1419.8	964.2	652.1	457.4	340.9	271.2	227.0
10°	3816.8	3282.4	2725.8	2159.5	1598.7	1097.8	728.3	498.0	362.7	282.5	233.8
7.5°	4026.0	3485.1	2903.2	2322.8	1744.3	1212.6	793.1	530.1	379.7	291.2	239.0
5°	4179.8	3643.1	3051.0	2455.4	1852.3	1298.4	841.5	552.7	392.0	297.2	242.5
2.5°	4285.3	3743.1	3149.9	2542.4	1914.9	1348.8	872.3	564.8	397.7	301.9	244.5
0°	4315.3	3771.6	3174.8	2588.1	1924.6	1355.3	884.6	566.6	397.5	304.3	244.9
-2.5°	4285.3	3743.1	3149.9	2542.4	1914.9	1348.8	872.3	564.8	397.7	301.9	244.5
-5°	4179.8	3643.1	3051.0	2455.4	1852.3	1298.4	841.5	552.7	392.0	297.2	242.5
-7.5°	4026.0	3485.1	2903.2	2322.8	1744.3	1212.6	793.1	530.1	379.7	291.2	239.0
-10°	3816.8	3282.4	2725.8	2159.5	1598.7	1097.8	728.3	498.0	362.7	282.5	233.8
-12.5°	3525.5	3025.0	2502.6	1957.5	1419.8	964.2	652.1	457.4	340.9	271.2	227.0
-15°	3191.8	2716.7	2220.2	1717.2	1234.7	835.2	571.5	409.9	315.8	257.5	218.8
-17.5°	2823.4	2373.3	1902.6	1437.6	1026.2	720.1	511.0	377.7	295.4	244.3	210.1
-20°	2434.3	2005.9	1576.3	1174.1	831.1	589.4	440.1	340.7	275.7	233.0	203.4

Classified

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

Scaled Data Report



REPORT NUMBER: P626647 (CONVERTED FROM TYPE C PHOTOMETRY)

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

CANDELA DISTRIBUTION (continued):

	20°	22.5°	25°	27.5°	30°	32.5°	35°	37.5°	40°	42.5°	45°
-22.5°	2011.0	1631.5	1254.4	902.7	672.8	503.5	384.2	304.1	253.2	220.2	195.7
-25°	1584.2	1260.7	946.1	720.2	542.7	415.7	332.7	276.6	237.1	208.8	187.5
-27.5°	1179.4	909.1	725.4	558.4	437.8	355.7	292.9	249.2	220.0	198.1	181.9
-30°	832.6	678.3	547.0	439.8	365.1	302.6	258.8	229.7	206.2	187.9	175.5
-32.5°	593.6	506.1	416.9	359.4	304.9	264.0	235.3	211.5	193.1	180.5	170.0
-35°	440.0	384.8	335.7	296.8	261.5	236.5	214.1	196.8	183.9	173.3	164.5
-37.5°	341.7	306.3	280.1	252.6	232.7	213.7	197.6	185.3	175.2	167.1	159.6
-40°	278.2	256.8	241.0	223.4	209.1	195.4	185.0	175.6	168.1	161.1	154.7
-42.5°	236.1	223.7	212.2	201.1	190.4	182.7	174.5	167.6	161.1	155.2	149.9
-45°	207.0	199.2	190.8	185.2	178.5	172.2	165.7	160.1	154.7	149.8	145.3
-47.5°	186.7	182.5	178.1	174.0	168.8	163.2	158.1	153.1	148.5	144.1	139.3
-50°	173.2	170.7	167.7	164.2	160.0	155.4	151.0	146.2	142.2	138.2	133.5
-52.5°	163.1	161.1	158.4	155.2	152.0	148.4	144.2	140.0	136.3	132.1	127.5
-55°	154.6	152.8	150.5	148.1	145.4	141.6	137.9	134.0	130.0	125.9	120.2
-57.5°	147.0	145.3	142.9	140.4	137.9	134.5	130.9	127.2	123.0	118.1	112.4
-60°	137.7	136.3	133.7	131.3	129.2	126.6	122.5	118.6	115.0	109.2	103.0
-62.5°	125.8	123.9	122.2	120.3	118.2	115.7	112.3	108.2	103.8	98.8	93.0
-65°	113.1	110.7	109.1	107.8	106.1	103.9	100.5	96.6	92.3	87.5	82.5
-67.5°	100.9	98.7	97.2	95.8	94.0	91.7	88.5	84.8	80.6	76.3	72.0
-70°	88.6	86.9	85.4	83.8	81.8	79.4	76.3	72.8	69.1	65.4	61.7
-72.5°	75.9	74.6	73.0	71.2	69.1	66.7	64.1	61.2	58.1	54.9	51.8
-75°	62.9	61.6	60.1	58.4	56.5	54.5	52.4	50.0	47.5	44.9	42.3
-77.5°	49.4	48.3	47.0	45.7	44.3	42.9	41.3	39.3	37.4	35.3	33.2
-80°	36.2	35.4	34.5	33.7	32.9	31.9	30.8	29.3	27.6	26.0	24.5
-82.5°	24.4	23.8	23.2	22.7	22.2	21.6	20.9	19.9	18.9	17.8	16.8
-85°	13.8	13.3	12.7	12.6	12.4	12.1	11.9	11.4	10.8	10.2	9.6
-87.5°	4.7	4.5	4.2	4.3	4.4	4.5	4.5	4.4	4.2	4.1	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: P626647 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA1C-722-U-MWR-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°	3.7	3.5	3.3	3.2	3.0	2.7	2.5	2.3	2.0	1.7	1.5
85°	9.0	8.3	7.7	7.0	6.2	5.5	5.1	4.6	4.0	3.4	2.9
82.5°	15.8	14.8	13.7	12.7	11.4	10.2	9.1	7.9	6.6	5.3	4.3
80°	23.1	21.7	20.2	18.6	16.8	14.9	13.3	11.7	10.1	8.5	6.7
77.5°	31.1	29.0	26.9	24.9	22.8	20.6	18.2	15.8	13.7	11.7	9.6
75°	39.7	37.1	34.5	31.8	29.0	26.2	23.5	20.7	17.9	15.0	12.5
72.5°	48.7	45.6	42.3	39.0	35.7	32.4	29.0	25.6	22.3	18.9	15.5
70°	58.0	54.2	50.4	46.6	42.6	38.5	34.6	30.6	26.6	22.8	18.9
67.5°	67.5	63.2	58.7	54.2	49.8	45.2	40.3	35.6	31.1	26.6	22.3
65°	77.5	72.4	67.1	62.0	57.0	51.9	46.6	40.8	35.5	30.5	25.6
62.5°	87.4	81.7	75.8	69.7	64.0	58.4	52.8	46.3	39.9	34.2	28.8
60°	96.9	90.6	84.2	77.5	71.0	64.7	58.4	51.6	44.7	37.9	32.0
57.5°	105.6	99.0	91.9	84.8	77.8	70.8	63.9	56.7	49.3	41.9	35.1
55°	113.8	106.6	99.1	91.6	84.2	76.8	69.2	61.5	53.8	45.8	38.1
52.5°	121.5	113.9	106.0	98.0	90.0	82.4	74.4	66.3	58.0	49.6	41.4
50°	128.2	121.1	112.8	104.2	95.6	87.5	79.4	70.8	62.1	53.3	44.6
47.5°	133.9	127.3	119.2	110.3	101.2	92.6	84.1	75.2	66.1	56.8	47.7
45°	139.4	133.1	125.3	116.1	106.7	97.6	88.7	79.5	69.9	60.2	50.7
42.5°	144.5	138.3	131.0	121.7	112.0	102.5	93.1	83.5	73.5	63.4	53.5
40°	148.9	142.8	136.4	127.1	117.0	107.1	97.3	87.3	77.0	66.5	56.2
37.5°	153.2	146.9	140.3	132.2	121.7	111.4	101.2	91.0	80.4	69.5	58.7
35°	157.4	150.9	143.8	136.2	126.1	115.4	104.9	94.5	83.5	72.3	61.0
32.5°	161.1	154.4	147.1	139.4	130.1	119.1	108.3	97.5	86.4	75.0	63.2
30°	165.5	157.4	150.0	142.5	133.6	122.5	111.4	100.4	89.1	77.5	65.3
27.5°	169.7	160.3	152.7	145.1	136.3	125.6	114.3	103.0	91.6	79.9	67.3
25°	173.8	163.5	155.1	147.3	138.8	128.5	117.0	105.4	93.8	81.9	69.1
22.5°	178.5	166.5	157.4	149.2	141.3	131.2	119.4	107.6	95.7	83.7	70.9
20°	182.7	169.0	159.5	150.9	143.2	133.2	121.6	109.5	97.5	85.3	72.4
17.5°	186.8	171.8	161.5	152.7	144.5	135.0	123.5	111.2	99.0	86.7	73.8
15°	192.5	175.0	163.3	154.1	145.7	136.5	125.1	112.7	100.3	87.8	75.0
12.5°	197.3	177.6	164.8	155.3	146.7	137.7	126.4	113.9	101.3	88.9	76.1
10°	201.3	179.8	166.0	156.2	147.4	138.7	127.5	114.9	102.4	89.8	77.0
7.5°	204.3	181.4	166.8	156.9	147.9	139.4	128.5	115.8	103.2	90.5	77.7
5°	206.4	182.4	167.5	157.3	148.2	139.8	129.2	116.5	103.7	91.0	78.2
2.5°	207.4	182.9	168.0	157.4	148.2	139.9	129.7	116.9	104.1	91.3	78.5
0°	207.5	182.8	168.2	157.2	148.0	139.8	129.8	117.0	104.2	91.4	78.6
-2.5°	207.4	182.9	168.0	157.4	148.2	139.9	129.7	116.9	104.1	91.3	78.5
-5°	206.4	182.4	167.5	157.3	148.2	139.8	129.2	116.5	103.7	91.0	78.2
-7.5°	204.3	181.4	166.8	156.9	147.9	139.4	128.5	115.8	103.2	90.5	77.7
-10°	201.3	179.8	166.0	156.2	147.4	138.7	127.5	114.9	102.4	89.8	77.0
-12.5°	197.3	177.6	164.8	155.3	146.7	137.7	126.4	113.9	101.3	88.9	76.1
-15°	192.5	175.0	163.3	154.1	145.7	136.5	125.1	112.7	100.3	87.8	75.0
-17.5°	186.8	171.8	161.5	152.7	144.5	135.0	123.5	111.2	99.0	86.7	73.8
-20°	182.7	169.0	159.5	150.9	143.2	133.2	121.6	109.5	97.5	85.3	72.4

Classified

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Scaled Data Report



REPORT NUMBER: P626647 (CONVERTED FROM TYPE C PHOTOMETRY)

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

CANDELA DISTRIBUTION (continued):

	47.5°	50°	52.5°	55°	57.5°	60°	62.5°	65°	67.5°	70°	72.5°
-22.5°	178.5	166.5	157.4	149.2	141.3	131.2	119.4	107.6	95.7	83.7	70.9
-25°	173.8	163.5	155.1	147.3	138.8	128.5	117.0	105.4	93.8	81.9	69.1
-27.5°	169.7	160.3	152.7	145.1	136.3	125.6	114.3	103.0	91.6	79.9	67.3
-30°	165.5	157.4	150.0	142.5	133.6	122.5	111.4	100.4	89.1	77.5	65.3
-32.5°	161.1	154.4	147.1	139.4	130.1	119.1	108.3	97.5	86.4	75.0	63.2
-35°	157.4	150.9	143.8	136.2	126.1	115.4	104.9	94.5	83.5	72.3	61.0
-37.5°	153.2	146.9	140.3	132.2	121.7	111.4	101.2	91.0	80.4	69.5	58.7
-40°	148.9	142.8	136.4	127.1	117.0	107.1	97.3	87.3	77.0	66.5	56.2
-42.5°	144.5	138.3	131.0	121.7	112.0	102.5	93.1	83.5	73.5	63.4	53.5
-45°	139.4	133.1	125.3	116.1	106.7	97.6	88.7	79.5	69.9	60.2	50.7
-47.5°	133.9	127.3	119.2	110.3	101.2	92.6	84.1	75.2	66.1	56.8	47.7
-50°	128.2	121.1	112.8	104.2	95.6	87.5	79.4	70.8	62.1	53.3	44.6
-52.5°	121.5	113.9	106.0	98.0	90.0	82.4	74.4	66.3	58.0	49.6	41.4
-55°	113.8	106.6	99.1	91.6	84.2	76.8	69.2	61.5	53.8	45.8	38.1
-57.5°	105.6	99.0	91.9	84.8	77.8	70.8	63.9	56.7	49.3	41.9	35.1
-60°	96.9	90.6	84.2	77.5	71.0	64.7	58.4	51.6	44.7	37.9	32.0
-62.5°	87.4	81.7	75.8	69.7	64.0	58.4	52.8	46.3	39.9	34.2	28.8
-65°	77.5	72.4	67.1	62.0	57.0	51.9	46.6	40.8	35.5	30.5	25.6
-67.5°	67.5	63.2	58.7	54.2	49.8	45.2	40.3	35.6	31.1	26.6	22.3
-70°	58.0	54.2	50.4	46.6	42.6	38.5	34.6	30.6	26.6	22.8	18.9
-72.5°	48.7	45.6	42.3	39.0	35.7	32.4	29.0	25.6	22.3	18.9	15.5
-75°	39.7	37.1	34.5	31.8	29.0	26.2	23.5	20.7	17.9	15.0	12.5
-77.5°	31.1	29.0	26.9	24.9	22.8	20.6	18.2	15.8	13.7	11.7	9.6
-80°	23.1	21.7	20.2	18.6	16.8	14.9	13.3	11.7	10.1	8.5	6.7
-82.5°	15.8	14.8	13.7	12.7	11.4	10.2	9.1	7.9	6.6	5.3	4.3
-85°	9.0	8.3	7.7	7.0	6.2	5.5	5.1	4.6	4.0	3.4	2.9
-87.5°	3.7	3.5	3.3	3.2	3.0	2.7	2.5	2.3	2.0	1.7	1.5
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

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REPORT NUMBER: P626647 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA1C-722-U-MWR-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°	1.2	1.0	0.8	0.6	0.4	0.2	0.0
85°	2.4	2.0	1.6	1.2	0.8	0.4	0.0
82.5°	3.6	3.0	2.4	1.8	1.2	0.6	0.0
80°	4.9	4.0	3.2	2.4	1.6	0.8	0.0
77.5°	7.4	5.3	4.0	3.0	2.0	1.0	0.0
75°	10.0	7.4	4.9	3.6	2.4	1.2	0.0
72.5°	12.5	9.5	6.6	4.1	2.8	1.4	0.0
70°	15.0	11.6	8.2	4.8	3.1	1.6	0.0
67.5°	17.8	13.6	9.8	6.1	3.5	1.8	0.0
65°	20.6	15.7	11.4	7.2	3.9	1.9	0.0
62.5°	23.4	18.0	13.0	8.4	4.2	2.1	0.0
60°	26.0	20.2	14.5	9.6	4.6	2.3	0.0
57.5°	28.7	22.3	16.2	10.7	5.3	2.5	0.0
55°	31.3	24.4	17.8	11.8	6.0	2.6	0.0
52.5°	33.8	26.4	19.4	12.8	6.7	2.8	0.0
50°	36.3	28.5	20.9	13.9	7.4	3.0	0.0
47.5°	38.8	30.5	22.4	14.9	8.0	3.1	0.0
45°	41.3	32.4	23.8	15.9	8.6	3.3	0.0
42.5°	43.7	34.3	25.1	16.9	9.2	3.4	0.0
40°	46.0	36.1	26.5	17.8	9.7	3.5	0.0
37.5°	48.2	37.8	27.8	18.7	10.3	3.6	0.0
35°	50.2	39.5	29.1	19.5	10.7	3.8	0.0
32.5°	52.1	41.1	30.3	20.2	11.2	3.9	0.0
30°	53.8	42.6	31.5	20.9	11.6	4.0	0.0
27.5°	55.4	43.9	32.5	21.6	12.0	4.1	0.0
25°	56.8	45.1	33.4	22.2	12.3	4.2	0.0
22.5°	58.2	46.2	34.3	22.7	12.6	4.2	0.0
20°	59.3	47.2	35.0	23.2	12.9	4.3	0.0
17.5°	60.3	48.0	35.7	23.6	13.1	4.4	0.0
15°	61.3	48.7	36.2	23.9	13.3	4.4	0.0
12.5°	62.1	49.3	36.7	24.2	13.5	4.5	0.0
10°	62.8	49.7	37.0	24.4	13.6	4.5	0.0
7.5°	63.3	50.0	37.3	24.6	13.7	4.6	0.0
5°	63.7	50.3	37.5	24.7	13.7	4.6	0.0
2.5°	63.9	50.3	37.5	24.7	13.7	4.6	0.0
0°	64.0	50.3	37.5	24.7	13.7	4.6	0.0
-2.5°	63.9	50.3	37.5	24.7	13.7	4.6	0.0
-5°	63.7	50.3	37.5	24.7	13.7	4.6	0.0
-7.5°	63.3	50.0	37.3	24.6	13.7	4.6	0.0
-10°	62.8	49.7	37.0	24.4	13.6	4.5	0.0
-12.5°	62.1	49.3	36.7	24.2	13.5	4.5	0.0
-15°	61.3	48.7	36.2	23.9	13.3	4.4	0.0
-17.5°	60.3	48.0	35.7	23.6	13.1	4.4	0.0
-20°	59.3	47.2	35.0	23.2	12.9	4.3	0.0

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

CANDELA DISTRIBUTION (continued):

	75°	77.5°	80°	82.5°	85°	87.5°	90°
-22.5°	58.2	46.2	34.3	22.7	12.6	4.2	0.0
-25°	56.8	45.1	33.4	22.2	12.3	4.2	0.0
-27.5°	55.4	43.9	32.5	21.6	12.0	4.1	0.0
-30°	53.8	42.6	31.5	20.9	11.6	4.0	0.0
-32.5°	52.1	41.1	30.3	20.2	11.2	3.9	0.0
-35°	50.2	39.5	29.1	19.5	10.7	3.8	0.0
-37.5°	48.2	37.8	27.8	18.7	10.3	3.6	0.0
-40°	46.0	36.1	26.5	17.8	9.7	3.5	0.0
-42.5°	43.7	34.3	25.1	16.9	9.2	3.4	0.0
-45°	41.3	32.4	23.8	15.9	8.6	3.3	0.0
-47.5°	38.8	30.5	22.4	14.9	8.0	3.1	0.0
-50°	36.3	28.5	20.9	13.9	7.4	3.0	0.0
-52.5°	33.8	26.4	19.4	12.8	6.7	2.8	0.0
-55°	31.3	24.4	17.8	11.8	6.0	2.6	0.0
-57.5°	28.7	22.3	16.2	10.7	5.3	2.5	0.0
-60°	26.0	20.2	14.5	9.6	4.6	2.3	0.0
-62.5°	23.4	18.0	13.0	8.4	4.2	2.1	0.0
-65°	20.6	15.7	11.4	7.2	3.9	1.9	0.0
-67.5°	17.8	13.6	9.8	6.1	3.5	1.8	0.0
-70°	15.0	11.6	8.2	4.8	3.1	1.6	0.0
-72.5°	12.5	9.5	6.6	4.1	2.8	1.4	0.0
-75°	10.0	7.4	4.9	3.6	2.4	1.2	0.0
-77.5°	7.4	5.3	4.0	3.0	2.0	1.0	0.0
-80°	4.9	4.0	3.2	2.4	1.6	0.8	0.0
-82.5°	3.6	3.0	2.4	1.8	1.2	0.6	0.0
-85°	2.4	2.0	1.6	1.2	0.8	0.4	0.0
-87.5°	1.2	1.0	0.8	0.6	0.4	0.2	0.0
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0

(END OF REPORT)