

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: P626687 (CONVERTED FROM TYPE C PHOTOMETRY)

Luminaire Tested: **GFLD-SA1C-740-U-MWR-XX**

Issue Date: 12/7/2022

Test Information

Test Method: LM-79-08
Report Number: P626687 (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-740-U-MWR-XX
Description: GALLEON FLOOD, ONE LIGHT SQAURE, MEDIUM WIDE SYMMETRICAL ROUND N27
Light Source: (16) 4000K CCT, 70 CRI LEDS
Ballast/Driver: -

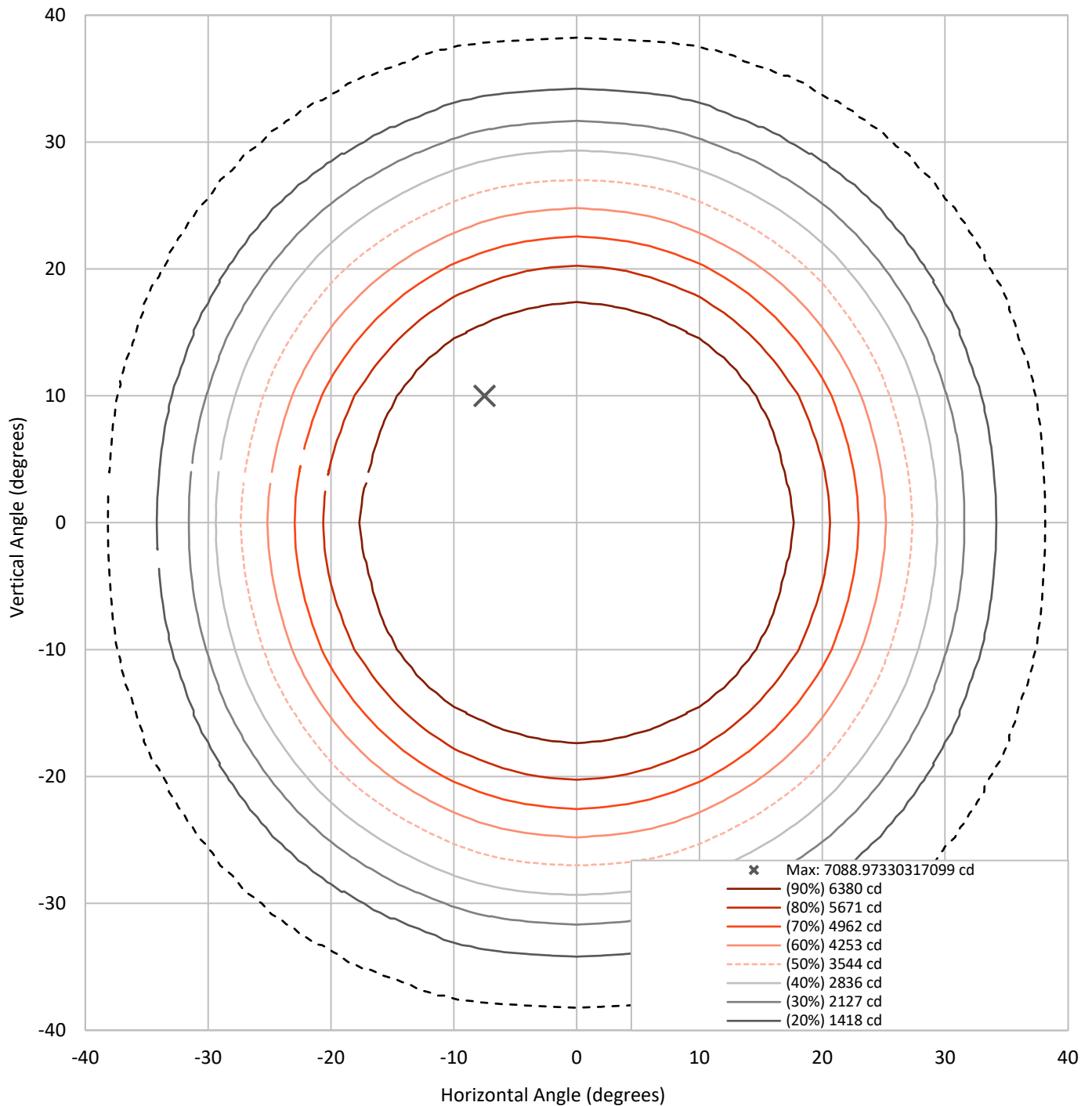
Summary

Lumens per Lamp:	N/A	NEMA Type:	5H x 5V
Luminaire Lumens:	6033.3 lumens	Max Intensity:	7089 candela
Efficiency:	N/A	Max Intensity Angle:	-7.5°H x 10°V
Efficacy:	138.7 lumens/watt		
Luminous Opening:	Rectangular (W 0.5' x L: 0.5' x H: 0')		
Beam Angle (50%):	51°H x 52.3°V	Field Angle (10%):	74.5°H x 75.5°V
Beam Lumens:	4004.6 lumens	Field Lumens:	5207.1 lumens
Beam Efficiency:	66.4%	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





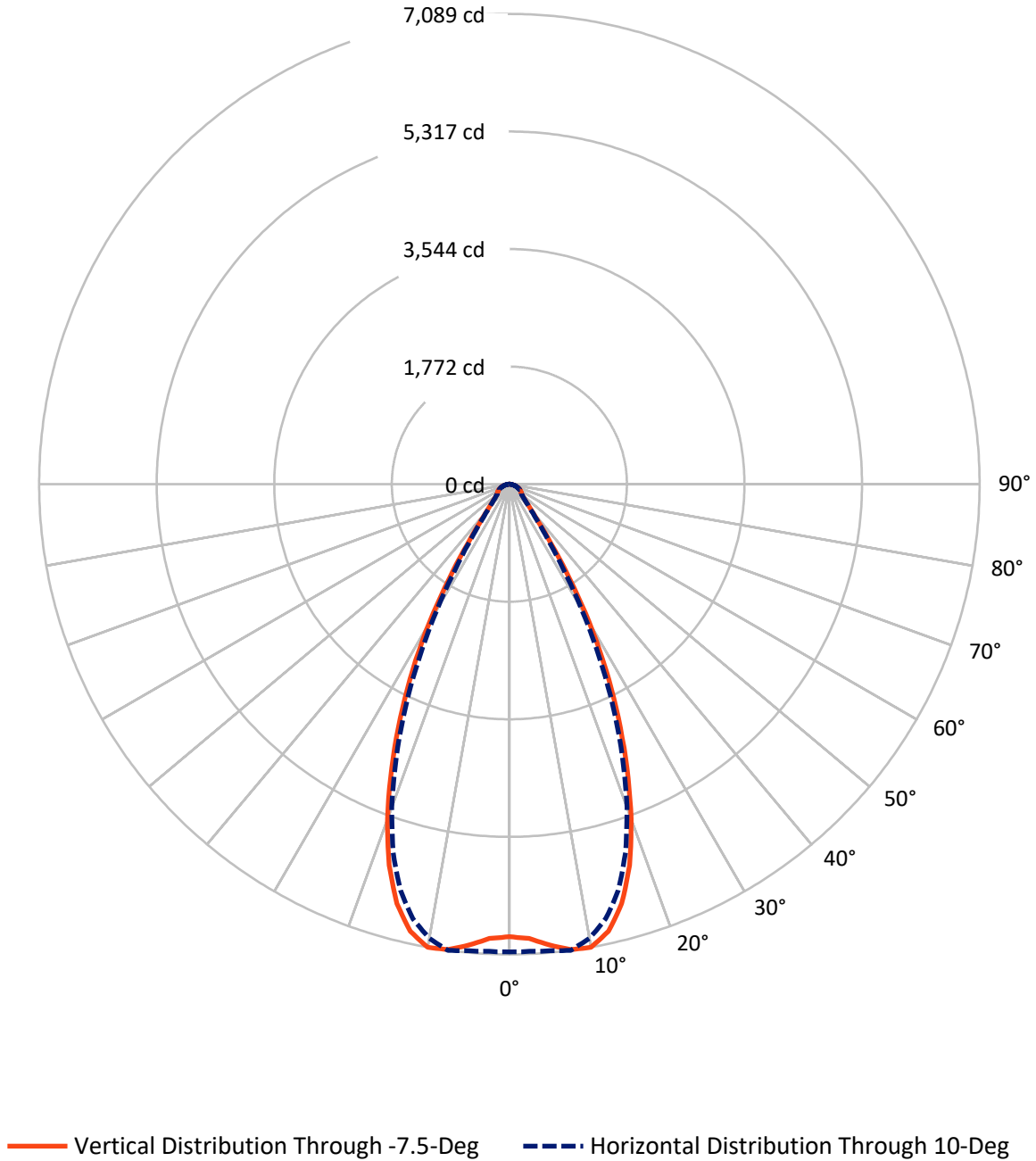
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Lumen Table

90	0.2	1.4	3.8	6.0	6.7	6.0	3.8	1.4	0.2							
80	0.2	1.4	3.8	6.0	6.7	6.0	3.8	1.4	0.2							
70	0.6	0.7	1.5	2.4	3.4	4.1	4.6	4.9	4.9	4.6	4.1	3.4	2.4	1.5	0.7	0.6
60		1.1	2.2	3.5	4.7	5.6	6.3	6.6	6.6	6.3	5.6	4.7	3.5	2.2	1.1	
50	1.1	1.4	2.8	4.2	5.7	7.4	9.3	10.6	10.6	9.3	7.4	5.7	4.2	2.8	1.4	1.1
40		1.7	3.2	4.9	7.5	13.7	26.2	38.9	38.9	26.2	13.7	7.5	4.9	3.2	1.7	
30	1.5	1.9	3.5	5.7	12.4	38.7	86.9	121.3	121.3	86.9	38.7	12.4	5.7	3.5	1.9	1.5
20		2.0	3.7	6.7	22.3	82.6	157.7	197.3	197.3	157.7	82.6	22.3	6.7	3.7	2.0	
10	1.6	2.1	3.8	7.6	32.2	113.0	191.3	208.1	208.1	191.3	113.0	32.2	7.6	3.8	2.1	1.6
0		2.1	3.8	7.6	32.2	113.0	191.3	208.1	208.1	191.3	113.0	32.2	7.6	3.8	2.1	
-10	1.5	2.0	3.7	6.7	22.3	82.6	157.7	197.3	197.3	157.7	82.6	22.3	6.7	3.7	2.0	1.5
-20		1.9	3.5	5.7	12.4	38.7	86.9	121.3	121.3	86.9	38.7	12.4	5.7	3.5	1.9	
-30	1.1	1.7	3.2	4.9	7.5	13.7	26.2	38.9	38.9	26.2	13.7	7.5	4.9	3.2	1.7	1.1
-40		1.4	2.8	4.2	5.7	7.4	9.3	10.6	10.6	9.3	7.4	5.7	4.2	2.8	1.4	
-50	0.6	1.1	2.2	3.5	4.7	5.6	6.3	6.6	6.6	6.3	5.6	4.7	3.5	2.2	1.1	0.6
-60		0.7	1.5	2.4	3.4	4.1	4.6	4.9	4.9	4.6	4.1	3.4	2.4	1.5	0.7	
-70	0.2	1.4	3.8	6.0	6.7	6.0	3.8	1.4	0.2							
-80		0.2	1.4	3.8	6.0	6.7	6.0	3.8	1.4	0.2						
-90	0.2	1.4	3.8	6.0	6.7	6.0	3.8	1.4	0.2							

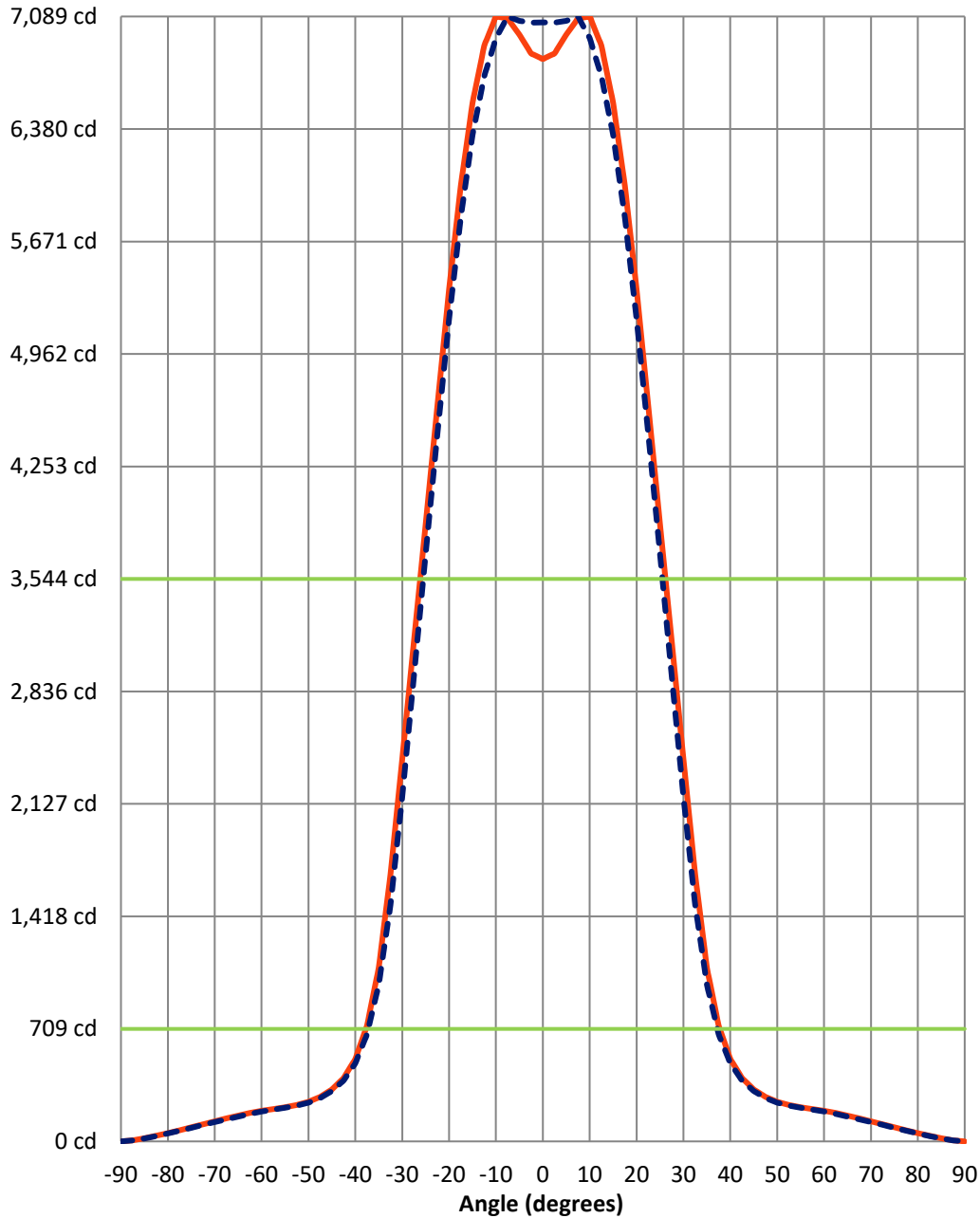
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Luminous Intensity Polar Plot



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Luminous Intensity Plot



Beam:
 H Angle: 51°
 V Angle: 52.3°
 Lumens: 4004.6
 Efficiency: 66.4%

Field:
 H Angle: 74.5°
 V Angle: 75.5°
 Lumens: 5207.1
 Efficiency: 86.3%

Spill:
 Lumens: 826.2
 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	0.3	0.5	0.8	1.1	1.3	1.6	2.0	2.3	2.7	3.1
85°	0.0	0.5	1.1	1.6	2.2	2.7	3.2	3.9	4.6	5.4	6.2
82.5°	0.0	0.8	1.6	2.4	3.2	4.0	4.8	5.8	7.1	8.9	10.7
80°	0.0	1.1	2.2	3.2	4.3	5.3	6.6	9.1	11.5	13.7	15.9
77.5°	0.0	1.3	2.7	4.0	5.3	7.2	10.1	13.0	15.9	18.5	21.4
75°	0.0	1.6	3.2	4.8	6.6	10.1	13.5	16.9	20.3	24.2	28.1
72.5°	0.0	1.9	3.7	5.6	8.9	12.9	16.9	21.0	25.7	30.2	34.7
70°	0.0	2.1	4.2	6.5	11.1	15.7	20.3	25.7	30.9	36.1	41.6
67.5°	0.0	2.4	4.7	8.2	13.3	18.4	24.2	30.2	36.1	42.2	48.4
65°	0.0	2.6	5.2	9.8	15.5	21.4	28.0	34.7	41.3	48.1	55.3
62.5°	0.0	2.9	5.7	11.4	17.6	24.4	31.7	39.1	46.4	54.1	62.8
60°	0.0	3.1	6.2	13.0	19.7	27.4	35.3	43.4	51.4	60.6	70.1
57.5°	0.0	3.3	7.2	14.5	22.0	30.3	38.9	47.6	56.8	66.9	77.0
55°	0.0	3.6	8.2	16.0	24.2	33.1	42.5	51.7	62.2	73.0	83.5
52.5°	0.0	3.8	9.1	17.4	26.3	35.8	45.9	56.2	67.4	78.7	89.9
50°	0.0	4.0	10.0	18.8	28.4	38.6	49.3	60.5	72.3	84.3	96.1
47.5°	0.0	4.2	10.9	20.2	30.4	41.4	52.6	64.7	77.1	89.7	102.1
45°	0.0	4.4	11.7	21.6	32.3	44.0	56.0	68.8	81.7	94.8	107.9
42.5°	0.0	4.6	12.5	22.9	34.1	46.6	59.3	72.6	86.1	99.8	113.3
40°	0.0	4.7	13.2	24.2	35.9	49.0	62.4	76.2	90.3	104.5	118.5
37.5°	0.0	4.9	13.9	25.3	37.7	51.3	65.3	79.6	94.3	109.1	123.6
35°	0.0	5.1	14.5	26.4	39.5	53.6	68.1	82.8	98.2	113.4	128.3
32.5°	0.0	5.2	15.2	27.4	41.1	55.7	70.7	85.7	101.8	117.3	132.4
30°	0.0	5.4	15.7	28.4	42.7	57.7	73.0	88.5	105.3	121.0	136.3
27.5°	0.0	5.5	16.2	29.3	44.1	59.6	75.2	91.3	108.4	124.4	139.8
25°	0.0	5.6	16.7	30.1	45.3	61.3	77.1	93.8	111.1	127.3	143.1
22.5°	0.0	5.7	17.1	30.8	46.5	62.7	78.9	96.2	113.6	130.0	146.0
20°	0.0	5.8	17.5	31.4	47.5	64.0	80.5	98.3	115.8	132.3	148.7
17.5°	0.0	5.9	17.8	32.0	48.4	65.1	81.9	100.1	117.6	134.3	151.0
15°	0.0	6.0	18.0	32.4	49.1	66.0	83.1	101.8	119.2	136.1	153.0
12.5°	0.0	6.1	18.3	32.8	49.8	66.8	84.2	103.3	120.7	137.5	154.6
10°	0.0	6.1	18.4	33.1	50.3	67.4	85.1	104.5	121.9	138.9	156.0
7.5°	0.0	6.1	18.5	33.4	50.6	67.9	85.9	105.5	122.9	140.0	157.2
5°	0.0	6.2	18.6	33.5	50.8	68.2	86.4	106.2	123.5	140.8	158.1
2.5°	0.0	6.2	18.6	33.5	50.9	68.3	86.7	106.6	124.0	141.2	158.6
0°	0.0	6.2	18.6	33.5	50.9	68.2	86.8	106.7	124.1	141.4	158.8
-2.5°	0.0	6.2	18.6	33.5	50.9	68.3	86.7	106.6	124.0	141.2	158.6
-5°	0.0	6.2	18.6	33.5	50.8	68.2	86.4	106.2	123.5	140.8	158.1
-7.5°	0.0	6.1	18.5	33.4	50.6	67.9	85.9	105.5	122.9	140.0	157.2
-10°	0.0	6.1	18.4	33.1	50.3	67.4	85.1	104.5	121.9	138.9	156.0
-12.5°	0.0	6.1	18.3	32.8	49.8	66.8	84.2	103.3	120.7	137.5	154.6
-15°	0.0	6.0	18.0	32.4	49.1	66.0	83.1	101.8	119.2	136.1	153.0
-17.5°	0.0	5.9	17.8	32.0	48.4	65.1	81.9	100.1	117.6	134.3	151.0
-20°	0.0	5.8	17.5	31.4	47.5	64.0	80.5	98.3	115.8	132.3	148.7

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CATALOG NUMBER: GFLD-SA1C-740-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	5.7	17.1	30.8	46.5	62.7	78.9	96.2	113.6	130.0	146.0
-25°	0.0	5.6	16.7	30.1	45.3	61.3	77.1	93.8	111.1	127.3	143.1
-27.5°	0.0	5.5	16.2	29.3	44.1	59.6	75.2	91.3	108.4	124.4	139.8
-30°	0.0	5.4	15.7	28.4	42.7	57.7	73.0	88.5	105.3	121.0	136.3
-32.5°	0.0	5.2	15.2	27.4	41.1	55.7	70.7	85.7	101.8	117.3	132.4
-35°	0.0	5.1	14.5	26.4	39.5	53.6	68.1	82.8	98.2	113.4	128.3
-37.5°	0.0	4.9	13.9	25.3	37.7	51.3	65.3	79.6	94.3	109.1	123.6
-40°	0.0	4.7	13.2	24.2	35.9	49.0	62.4	76.2	90.3	104.5	118.5
-42.5°	0.0	4.6	12.5	22.9	34.1	46.6	59.3	72.6	86.1	99.8	113.3
-45°	0.0	4.4	11.7	21.6	32.3	44.0	56.0	68.8	81.7	94.8	107.9
-47.5°	0.0	4.2	10.9	20.2	30.4	41.4	52.6	64.7	77.1	89.7	102.1
-50°	0.0	4.0	10.0	18.8	28.4	38.6	49.3	60.5	72.3	84.3	96.1
-52.5°	0.0	3.8	9.1	17.4	26.3	35.8	45.9	56.2	67.4	78.7	89.9
-55°	0.0	3.6	8.2	16.0	24.2	33.1	42.5	51.7	62.2	73.0	83.5
-57.5°	0.0	3.3	7.2	14.5	22.0	30.3	38.9	47.6	56.8	66.9	77.0
-60°	0.0	3.1	6.2	13.0	19.7	27.4	35.3	43.4	51.4	60.6	70.1
-62.5°	0.0	2.9	5.7	11.4	17.6	24.4	31.7	39.1	46.4	54.1	62.8
-65°	0.0	2.6	5.2	9.8	15.5	21.4	28.0	34.7	41.3	48.1	55.3
-67.5°	0.0	2.4	4.7	8.2	13.3	18.4	24.2	30.2	36.1	42.2	48.4
-70°	0.0	2.1	4.2	6.5	11.1	15.7	20.3	25.7	30.9	36.1	41.6
-72.5°	0.0	1.9	3.7	5.6	8.9	12.9	16.9	21.0	25.7	30.2	34.7
-75°	0.0	1.6	3.2	4.8	6.6	10.1	13.5	16.9	20.3	24.2	28.1
-77.5°	0.0	1.3	2.7	4.0	5.3	7.2	10.1	13.0	15.9	18.5	21.4
-80°	0.0	1.1	2.2	3.2	4.3	5.3	6.6	9.1	11.5	13.7	15.9
-82.5°	0.0	0.8	1.6	2.4	3.2	4.0	4.8	5.8	7.1	8.9	10.7
-85°	0.0	0.5	1.1	1.6	2.2	2.7	3.2	3.9	4.6	5.4	6.2
-87.5°	0.0	0.3	0.5	0.8	1.1	1.3	1.6	2.0	2.3	2.7	3.1
-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°	3.4	3.7	4.0	4.2	4.5	4.8	5.0	5.2	5.5	5.7	5.9
85°	6.8	7.4	8.4	9.4	10.4	11.3	12.2	13.1	13.9	14.7	15.4
82.5°	12.3	13.9	15.5	17.2	18.7	20.1	21.5	22.9	24.3	25.7	27.1
80°	18.0	20.3	22.9	25.3	27.5	29.5	31.5	33.3	35.4	37.5	39.8
77.5°	24.7	28.0	31.0	33.8	36.5	39.4	42.3	45.0	47.9	50.7	53.4
75°	31.9	35.6	39.4	43.2	46.8	50.4	53.8	57.4	61.0	64.5	67.9
72.5°	39.3	43.9	48.4	52.8	57.4	61.9	66.2	70.3	74.6	78.9	83.1
70°	47.0	52.2	57.8	63.2	68.4	73.6	78.8	83.8	88.8	93.8	98.8
67.5°	54.7	61.4	67.7	73.7	79.7	85.8	91.7	97.7	103.5	109.4	115.0
65°	63.3	70.5	77.4	84.2	91.1	98.2	105.2	112.0	118.7	125.3	131.2
62.5°	71.6	79.3	86.9	94.7	102.9	110.9	118.5	126.3	134.1	141.0	147.0
60°	79.3	87.9	96.4	105.2	114.3	122.9	131.4	139.8	148.3	156.2	161.1
57.5°	86.8	96.2	105.6	115.2	124.7	134.3	143.3	152.6	160.4	167.1	172.7
55°	94.0	104.2	114.3	124.3	134.6	144.7	154.5	163.2	170.9	176.4	181.9
52.5°	101.0	111.8	122.2	133.0	144.0	154.7	164.9	173.0	179.3	185.0	190.1
50°	107.8	118.9	129.8	141.6	153.1	164.4	174.0	181.1	187.5	193.1	198.4
47.5°	114.2	125.7	137.4	149.8	161.9	172.9	181.7	189.1	195.7	201.6	207.9
45°	120.4	132.6	144.9	157.7	170.1	180.7	189.2	197.2	203.3	210.0	217.3
42.5°	126.4	139.2	152.1	165.3	177.8	187.7	196.2	203.6	210.7	218.7	227.5
40°	132.1	145.4	158.9	172.6	185.1	193.9	202.2	210.0	218.7	228.2	238.3
37.5°	137.4	151.2	165.3	179.5	190.4	199.5	208.0	216.7	226.9	237.8	251.6
35°	142.4	156.7	171.2	184.8	195.2	204.8	213.6	223.4	235.2	249.6	267.2
32.5°	147.0	161.7	176.6	189.1	199.7	209.6	218.7	230.8	245.1	262.1	287.0
30°	151.3	166.3	181.2	193.4	203.7	213.7	224.7	238.3	255.0	279.9	311.8
27.5°	155.2	170.5	184.9	196.9	207.2	217.5	230.4	246.9	268.9	298.6	338.3
25°	158.8	174.5	188.4	199.9	210.5	222.0	236.0	254.5	283.4	321.8	375.4
22.5°	162.1	178.1	191.8	202.5	213.6	226.0	242.4	265.6	298.9	343.8	412.9
20°	165.0	180.8	194.3	204.9	216.5	229.4	248.0	276.0	316.2	374.3	462.6
17.5°	167.6	183.2	196.2	207.2	219.3	233.2	253.5	285.1	331.7	401.0	512.8
15°	169.8	185.3	197.8	209.2	221.7	237.5	261.3	297.0	349.6	428.8	556.6
12.5°	171.6	187.0	199.1	210.8	223.7	241.2	267.9	308.2	368.2	462.9	621.1
10°	173.1	188.3	200.1	212.1	225.3	244.1	273.2	317.3	383.5	492.4	676.1
7.5°	174.4	189.3	200.8	213.0	226.4	246.2	277.3	324.4	395.3	515.6	719.6
5°	175.4	189.8	201.1	213.5	227.4	247.7	280.1	329.3	403.5	532.1	750.3
2.5°	176.0	190.0	201.2	213.6	228.1	248.3	281.5	332.0	409.9	540.0	766.7
0°	176.2	189.8	201.0	213.4	228.3	248.1	281.6	332.5	413.1	539.7	769.2
-2.5°	176.0	190.0	201.2	213.6	228.1	248.3	281.5	332.0	409.9	540.0	766.7
-5°	175.4	189.8	201.1	213.5	227.4	247.7	280.1	329.3	403.5	532.1	750.3
-7.5°	174.4	189.3	200.8	213.0	226.4	246.2	277.3	324.4	395.3	515.6	719.6
-10°	173.1	188.3	200.1	212.1	225.3	244.1	273.2	317.3	383.5	492.4	676.1
-12.5°	171.6	187.0	199.1	210.8	223.7	241.2	267.9	308.2	368.2	462.9	621.1
-15°	169.8	185.3	197.8	209.2	221.7	237.5	261.3	297.0	349.6	428.8	556.6
-17.5°	167.6	183.2	196.2	207.2	219.3	233.2	253.5	285.1	331.7	401.0	512.8
-20°	165.0	180.8	194.3	204.9	216.5	229.4	248.0	276.0	316.2	374.3	462.6

Classified

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

Scaled Data Report



REPORT NUMBER: P626687 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA1C-740-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°	162.1	178.1	191.8	202.5	213.6	226.0	242.4	265.6	298.9	343.8	412.9
-25°	158.8	174.5	188.4	199.9	210.5	222.0	236.0	254.5	283.4	321.8	375.4
-27.5°	155.2	170.5	184.9	196.9	207.2	217.5	230.4	246.9	268.9	298.6	338.3
-30°	151.3	166.3	181.2	193.4	203.7	213.7	224.7	238.3	255.0	279.9	311.8
-32.5°	147.0	161.7	176.6	189.1	199.7	209.6	218.7	230.8	245.1	262.1	287.0
-35°	142.4	156.7	171.2	184.8	195.2	204.8	213.6	223.4	235.2	249.6	267.2
-37.5°	137.4	151.2	165.3	179.5	190.4	199.5	208.0	216.7	226.9	237.8	251.6
-40°	132.1	145.4	158.9	172.6	185.1	193.9	202.2	210.0	218.7	228.2	238.3
-42.5°	126.4	139.2	152.1	165.3	177.8	187.7	196.2	203.6	210.7	218.7	227.5
-45°	120.4	132.6	144.9	157.7	170.1	180.7	189.2	197.2	203.3	210.0	217.3
-47.5°	114.2	125.7	137.4	149.8	161.9	172.9	181.7	189.1	195.7	201.6	207.9
-50°	107.8	118.9	129.8	141.6	153.1	164.4	174.0	181.1	187.5	193.1	198.4
-52.5°	101.0	111.8	122.2	133.0	144.0	154.7	164.9	173.0	179.3	185.0	190.1
-55°	94.0	104.2	114.3	124.3	134.6	144.7	154.5	163.2	170.9	176.4	181.9
-57.5°	86.8	96.2	105.6	115.2	124.7	134.3	143.3	152.6	160.4	167.1	172.7
-60°	79.3	87.9	96.4	105.2	114.3	122.9	131.4	139.8	148.3	156.2	161.1
-62.5°	71.6	79.3	86.9	94.7	102.9	110.9	118.5	126.3	134.1	141.0	147.0
-65°	63.3	70.5	77.4	84.2	91.1	98.2	105.2	112.0	118.7	125.3	131.2
-67.5°	54.7	61.4	67.7	73.7	79.7	85.8	91.7	97.7	103.5	109.4	115.0
-70°	47.0	52.2	57.8	63.2	68.4	73.6	78.8	83.8	88.8	93.8	98.8
-72.5°	39.3	43.9	48.4	52.8	57.4	61.9	66.2	70.3	74.6	78.9	83.1
-75°	31.9	35.6	39.4	43.2	46.8	50.4	53.8	57.4	61.0	64.5	67.9
-77.5°	24.7	28.0	31.0	33.8	36.5	39.4	42.3	45.0	47.9	50.7	53.4
-80°	18.0	20.3	22.9	25.3	27.5	29.5	31.5	33.3	35.4	37.5	39.8
-82.5°	12.3	13.9	15.5	17.2	18.7	20.1	21.5	22.9	24.3	25.7	27.1
-85°	6.8	7.4	8.4	9.4	10.4	11.3	12.2	13.1	13.9	14.7	15.4
-87.5°	3.4	3.7	4.0	4.2	4.5	4.8	5.0	5.2	5.5	5.7	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: P626687 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA1C-740-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°	6.1	6.0	5.9	5.8	5.6	6.0	6.4	6.8	7.1	6.9	6.7
85°	16.1	16.5	16.8	17.1	17.3	18.0	18.8	19.5	20.2	20.1	20.0
82.5°	28.4	29.3	30.1	30.8	31.4	32.4	33.2	33.9	34.5	34.9	35.3
80°	41.9	43.4	44.6	45.8	46.8	48.0	49.1	50.1	50.9	51.4	51.7
77.5°	56.1	58.3	60.2	62.0	63.8	65.5	67.1	68.5	69.8	70.1	70.0
75°	71.2	74.1	76.8	79.3	81.6	83.7	85.4	86.8	88.0	88.5	88.8
72.5°	87.0	90.6	93.8	96.7	99.2	101.3	103.1	104.6	105.9	106.7	107.2
70°	103.5	107.8	111.1	113.8	116.0	118.0	120.3	122.5	124.6	125.8	126.2
67.5°	120.1	124.5	127.6	130.0	132.0	134.0	136.9	139.6	141.9	143.4	144.4
65°	136.4	141.0	144.0	146.4	148.2	150.2	153.5	156.1	158.1	159.7	161.1
62.5°	152.4	157.0	160.4	163.3	165.9	168.1	170.8	173.0	174.7	176.2	178.0
60°	166.3	171.8	175.4	178.3	181.5	185.0	187.0	188.6	190.0	191.2	192.3
57.5°	177.7	182.6	187.2	190.6	194.0	197.2	199.5	201.1	202.3	203.3	203.6
55°	187.2	192.3	197.4	201.1	204.4	207.5	210.0	212.0	213.7	214.9	215.3
52.5°	195.7	201.4	206.4	210.8	215.1	218.7	221.5	224.2	226.6	228.5	229.3
50°	205.0	211.0	217.2	223.0	227.6	231.7	235.1	238.9	243.0	246.3	248.4
47.5°	214.7	221.6	229.2	236.3	241.8	247.8	253.4	259.1	266.7	273.0	277.7
45°	224.9	233.8	242.3	251.4	258.9	270.3	280.9	290.0	302.1	313.1	321.8
42.5°	236.9	248.0	258.5	273.0	288.1	303.7	320.5	334.9	353.7	372.9	388.4
40°	251.2	265.3	283.8	303.3	327.2	348.6	377.6	403.5	432.5	469.1	499.3
37.5°	268.3	290.0	315.9	343.0	380.2	415.9	463.9	514.5	560.4	630.8	690.1
35°	290.6	321.0	355.0	402.9	455.7	522.5	597.3	695.0	778.8	897.6	1011.2
32.5°	319.3	358.4	414.0	487.9	565.9	687.1	805.9	975.5	1132.6	1320.9	1524.2
30°	351.3	410.8	495.6	597.1	742.5	920.8	1130.2	1390.7	1675.9	1940.6	2201.5
27.5°	397.6	482.8	594.3	758.0	984.7	1234.1	1601.0	1954.7	2323.7	2651.7	2925.2
25°	451.7	564.3	736.6	977.7	1284.3	1711.4	2150.6	2587.1	2983.9	3327.3	3629.5
22.5°	521.5	683.5	913.2	1225.5	1703.0	2214.8	2729.9	3211.3	3634.6	4017.0	4344.2
20°	597.5	800.2	1128.3	1593.9	2139.9	2723.0	3304.6	3817.4	4283.5	4717.0	5085.8
17.5°	693.8	977.6	1393.1	1951.6	2582.9	3221.8	3832.8	4389.3	4918.1	5376.8	5762.1
15°	775.8	1133.9	1676.1	2331.1	3014.0	3687.9	4333.0	4937.5	5487.2	5957.9	6320.2
12.5°	885.3	1309.0	1927.4	2657.4	3397.4	4106.6	4786.0	5410.8	5970.2	6435.8	6717.7
10°	988.7	1490.3	2170.3	2931.6	3700.3	4456.0	5181.4	5822.2	6341.7	6712.0	6952.2
7.5°	1076.7	1646.1	2367.8	3153.2	3941.1	4731.1	5465.4	6088.9	6567.8	6877.1	7044.3
5°	1142.4	1762.6	2514.5	3333.3	4141.7	4945.6	5674.2	6259.5	6673.4	6903.2	6987.2
2.5°	1184.2	1831.0	2599.6	3451.4	4276.1	5081.4	5817.4	6393.6	6744.7	6897.1	6911.5
0°	1200.9	1839.8	2612.7	3513.4	4309.9	5120.0	5858.2	6448.7	6771.3	6896.6	6894.1
-2.5°	1184.2	1831.0	2599.6	3451.4	4276.1	5081.4	5817.4	6393.6	6744.7	6897.1	6911.5
-5°	1142.4	1762.6	2514.5	3333.3	4141.7	4945.6	5674.2	6259.5	6673.4	6903.2	6987.2
-7.5°	1076.7	1646.1	2367.8	3153.2	3941.1	4731.1	5465.4	6088.9	6567.8	6877.1	7044.3
-10°	988.7	1490.3	2170.3	2931.6	3700.3	4456.0	5181.4	5822.2	6341.7	6712.0	6952.2
-12.5°	885.3	1309.0	1927.4	2657.4	3397.4	4106.6	4786.0	5410.8	5970.2	6435.8	6717.7
-15°	775.8	1133.9	1676.1	2331.1	3014.0	3687.9	4333.0	4937.5	5487.2	5957.9	6320.2
-17.5°	693.8	977.6	1393.1	1951.6	2582.9	3221.8	3832.8	4389.3	4918.1	5376.8	5762.1
-20°	597.5	800.2	1128.3	1593.9	2139.9	2723.0	3304.6	3817.4	4283.5	4717.0	5085.8

Classified

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

Scaled Data Report



REPORT NUMBER: P626687 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA1C-740-U-MWR-XX

CANDELA DISTRIBUTION (continued):

	-35°	-32.5°	-30°	-27.5°	-25°	-22.5°	-20°	-17.5°	-15°	-12.5°	-10°
-22.5°	521.5	683.5	913.2	1225.5	1703.0	2214.8	2729.9	3211.3	3634.6	4017.0	4344.2
-25°	451.7	564.3	736.6	977.7	1284.3	1711.4	2150.6	2587.1	2983.9	3327.3	3629.5
-27.5°	397.6	482.8	594.3	758.0	984.7	1234.1	1601.0	1954.7	2323.7	2651.7	2925.2
-30°	351.3	410.8	495.6	597.1	742.5	920.8	1130.2	1390.7	1675.9	1940.6	2201.5
-32.5°	319.3	358.4	414.0	487.9	565.9	687.1	805.9	975.5	1132.6	1320.9	1524.2
-35°	290.6	321.0	355.0	402.9	455.7	522.5	597.3	695.0	778.8	897.6	1011.2
-37.5°	268.3	290.0	315.9	343.0	380.2	415.9	463.9	514.5	560.4	630.8	690.1
-40°	251.2	265.3	283.8	303.3	327.2	348.6	377.6	403.5	432.5	469.1	499.3
-42.5°	236.9	248.0	258.5	273.0	288.1	303.7	320.5	334.9	353.7	372.9	388.4
-45°	224.9	233.8	242.3	251.4	258.9	270.3	280.9	290.0	302.1	313.1	321.8
-47.5°	214.7	221.6	229.2	236.3	241.8	247.8	253.4	259.1	266.7	273.0	277.7
-50°	205.0	211.0	217.2	223.0	227.6	231.7	235.1	238.9	243.0	246.3	248.4
-52.5°	195.7	201.4	206.4	210.8	215.1	218.7	221.5	224.2	226.6	228.5	229.3
-55°	187.2	192.3	197.4	201.1	204.4	207.5	210.0	212.0	213.7	214.9	215.3
-57.5°	177.7	182.6	187.2	190.6	194.0	197.2	199.5	201.1	202.3	203.3	203.6
-60°	166.3	171.8	175.4	178.3	181.5	185.0	187.0	188.6	190.0	191.2	192.3
-62.5°	152.4	157.0	160.4	163.3	165.9	168.1	170.8	173.0	174.7	176.2	178.0
-65°	136.4	141.0	144.0	146.4	148.2	150.2	153.5	156.1	158.1	159.7	161.1
-67.5°	120.1	124.5	127.6	130.0	132.0	134.0	136.9	139.6	141.9	143.4	144.4
-70°	103.5	107.8	111.1	113.8	116.0	118.0	120.3	122.5	124.6	125.8	126.2
-72.5°	87.0	90.6	93.8	96.7	99.2	101.3	103.1	104.6	105.9	106.7	107.2
-75°	71.2	74.1	76.8	79.3	81.6	83.7	85.4	86.8	88.0	88.5	88.8
-77.5°	56.1	58.3	60.2	62.0	63.8	65.5	67.1	68.5	69.8	70.1	70.0
-80°	41.9	43.4	44.6	45.8	46.8	48.0	49.1	50.1	50.9	51.4	51.7
-82.5°	28.4	29.3	30.1	30.8	31.4	32.4	33.2	33.9	34.5	34.9	35.3
-85°	16.1	16.5	16.8	17.1	17.3	18.0	18.8	19.5	20.2	20.1	20.0
-87.5°	6.1	6.0	5.9	5.8	5.6	6.0	6.4	6.8	7.1	6.9	6.7
-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: P626687 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA1C-740-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°	6.4	6.2	6.2	6.2	6.2	6.2	6.4	6.7	6.9	7.1	6.8
85°	19.9	19.7	19.2	18.6	19.2	19.7	19.9	20.0	20.1	20.2	19.5
82.5°	35.6	35.8	35.3	34.7	35.3	35.8	35.6	35.3	34.9	34.5	33.9
80°	51.8	51.9	51.4	50.9	51.4	51.9	51.8	51.7	51.4	50.9	50.1
77.5°	69.7	69.2	69.4	69.5	69.4	69.2	69.7	70.0	70.1	69.8	68.5
75°	89.0	88.9	88.6	88.1	88.6	88.9	89.0	88.8	88.5	88.0	86.8
72.5°	107.5	107.4	107.2	106.7	107.2	107.4	107.5	107.2	106.7	105.9	104.6
70°	126.3	126.0	126.3	126.5	126.3	126.0	126.3	126.2	125.8	124.6	122.5
67.5°	145.2	145.7	145.7	145.2	145.7	145.7	145.2	144.4	143.4	141.9	139.6
65°	162.2	163.1	163.6	163.8	163.6	163.1	162.2	161.1	159.7	158.1	156.1
62.5°	179.3	180.3	180.4	179.9	180.4	180.3	179.3	178.0	176.2	174.7	173.0
60°	192.9	193.1	192.8	192.3	192.8	193.1	192.9	192.3	191.2	190.0	188.6
57.5°	203.6	203.3	202.8	202.2	202.8	203.3	203.6	203.6	203.3	202.3	201.1
55°	215.1	214.5	214.0	213.4	214.0	214.5	215.1	215.3	214.9	213.7	212.0
52.5°	229.5	229.2	228.8	228.3	228.8	229.2	229.5	229.3	228.5	226.6	224.2
50°	249.5	249.8	249.8	249.4	249.8	249.8	249.5	248.4	246.3	243.0	238.9
47.5°	280.7	282.3	283.4	284.1	283.4	282.3	280.7	277.7	273.0	266.7	259.1
45°	327.3	330.6	333.0	335.0	333.0	330.6	327.3	321.8	313.1	302.1	290.0
42.5°	399.4	406.8	410.3	409.4	410.3	406.8	399.4	388.4	372.9	353.7	334.9
40°	519.5	531.5	538.1	543.4	538.1	531.5	519.5	499.3	469.1	432.5	403.5
37.5°	730.5	753.8	766.0	776.6	766.0	753.8	730.5	690.1	630.8	560.4	514.5
35°	1096.1	1148.3	1176.3	1186.0	1176.3	1148.3	1096.1	1011.2	897.6	778.8	695.0
32.5°	1682.4	1778.8	1832.1	1873.3	1832.1	1778.8	1682.4	1524.2	1320.9	1132.6	975.5
30°	2408.0	2535.1	2605.6	2640.0	2605.6	2535.1	2408.0	2201.5	1940.6	1675.9	1390.7
27.5°	3151.9	3296.3	3372.4	3368.3	3372.4	3296.3	3151.9	2925.2	2651.7	2323.7	1954.7
25°	3888.7	4055.9	4131.7	4199.5	4131.7	4055.9	3888.7	3629.5	3327.3	2983.9	2587.1
22.5°	4633.8	4829.3	4936.0	4986.0	4936.0	4829.3	4633.8	4344.2	4017.0	3634.6	3211.3
20°	5370.0	5587.7	5700.9	5750.3	5700.9	5587.7	5370.0	5085.8	4717.0	4283.5	3817.4
17.5°	6022.9	6235.4	6343.4	6389.2	6343.4	6235.4	6022.9	5762.1	5376.8	4918.1	4389.3
15°	6544.3	6701.0	6792.9	6817.2	6792.9	6701.0	6544.3	6320.2	5957.9	5487.2	4937.5
12.5°	6904.7	6965.4	7009.6	7023.1	7009.6	6965.4	6904.7	6717.7	6435.8	5970.2	5410.8
10°	7089.0	7061.6	7050.2	7051.7	7050.2	7061.6	7089.0	6952.2	6712.0	6341.7	5822.2
7.5°	7076.3	7035.7	6954.3	6941.3	6954.3	7035.7	7076.3	7044.3	6877.1	6567.8	6088.9
5°	6974.6	6900.7	6765.5	6726.6	6765.5	6900.7	6974.6	6987.2	6903.2	6673.4	6259.5
2.5°	6856.1	6723.0	6598.4	6518.2	6598.4	6723.0	6856.1	6911.5	6897.1	6744.7	6393.6
0°	6820.9	6667.1	6505.8	6453.7	6505.8	6667.1	6820.9	6894.1	6896.6	6771.3	6448.7
-2.5°	6856.1	6723.0	6598.4	6518.2	6598.4	6723.0	6856.1	6911.5	6897.1	6744.7	6393.6
-5°	6974.6	6900.7	6765.5	6726.6	6765.5	6900.7	6974.6	6987.2	6903.2	6673.4	6259.5
-7.5°	7076.3	7035.7	6954.3	6941.3	6954.3	7035.7	7076.3	7044.3	6877.1	6567.8	6088.9
-10°	7089.0	7061.6	7050.2	7051.7	7050.2	7061.6	7089.0	6952.2	6712.0	6341.7	5822.2
-12.5°	6904.7	6965.4	7009.6	7023.1	7009.6	6965.4	6904.7	6717.7	6435.8	5970.2	5410.8
-15°	6544.3	6701.0	6792.9	6817.2	6792.9	6701.0	6544.3	6320.2	5957.9	5487.2	4937.5
-17.5°	6022.9	6235.4	6343.4	6389.2	6343.4	6235.4	6022.9	5762.1	5376.8	4918.1	4389.3
-20°	5370.0	5587.7	5700.9	5750.3	5700.9	5587.7	5370.0	5085.8	4717.0	4283.5	3817.4



REPORT NUMBER: P626687 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA1C-740-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°	4633.8	4829.3	4936.0	4986.0	4936.0	4829.3	4633.8	4344.2	4017.0	3634.6	3211.3
-25°	3888.7	4055.9	4131.7	4199.5	4131.7	4055.9	3888.7	3629.5	3327.3	2983.9	2587.1
-27.5°	3151.9	3296.3	3372.4	3368.3	3372.4	3296.3	3151.9	2925.2	2651.7	2323.7	1954.7
-30°	2408.0	2535.1	2605.6	2640.0	2605.6	2535.1	2408.0	2201.5	1940.6	1675.9	1390.7
-32.5°	1682.4	1778.8	1832.1	1873.3	1832.1	1778.8	1682.4	1524.2	1320.9	1132.6	975.5
-35°	1096.1	1148.3	1176.3	1186.0	1176.3	1148.3	1096.1	1011.2	897.6	778.8	695.0
-37.5°	730.5	753.8	766.0	776.6	766.0	753.8	730.5	690.1	630.8	560.4	514.5
-40°	519.5	531.5	538.1	543.4	538.1	531.5	519.5	499.3	469.1	432.5	403.5
-42.5°	399.4	406.8	410.3	409.4	410.3	406.8	399.4	388.4	372.9	353.7	334.9
-45°	327.3	330.6	333.0	335.0	333.0	330.6	327.3	321.8	313.1	302.1	290.0
-47.5°	280.7	282.3	283.4	284.1	283.4	282.3	280.7	277.7	273.0	266.7	259.1
-50°	249.5	249.8	249.8	249.4	249.8	249.8	249.5	248.4	246.3	243.0	238.9
-52.5°	229.5	229.2	228.8	228.3	228.8	229.2	229.5	229.3	228.5	226.6	224.2
-55°	215.1	214.5	214.0	213.4	214.0	214.5	215.1	215.3	214.9	213.7	212.0
-57.5°	203.6	203.3	202.8	202.2	202.8	203.3	203.6	203.6	203.3	202.3	201.1
-60°	192.9	193.1	192.8	192.3	192.8	193.1	192.9	192.3	191.2	190.0	188.6
-62.5°	179.3	180.3	180.4	179.9	180.4	180.3	179.3	178.0	176.2	174.7	173.0
-65°	162.2	163.1	163.6	163.8	163.6	163.1	162.2	161.1	159.7	158.1	156.1
-67.5°	145.2	145.7	145.7	145.2	145.7	145.7	145.2	144.4	143.4	141.9	139.6
-70°	126.3	126.0	126.3	126.5	126.3	126.0	126.3	126.2	125.8	124.6	122.5
-72.5°	107.5	107.4	107.2	106.7	107.2	107.4	107.5	107.2	106.7	105.9	104.6
-75°	89.0	88.9	88.6	88.1	88.6	88.9	89.0	88.8	88.5	88.0	86.8
-77.5°	69.7	69.2	69.4	69.5	69.4	69.2	69.7	70.0	70.1	69.8	68.5
-80°	51.8	51.9	51.4	50.9	51.4	51.9	51.8	51.7	51.4	50.9	50.1
-82.5°	35.6	35.8	35.3	34.7	35.3	35.8	35.6	35.3	34.9	34.5	33.9
-85°	19.9	19.7	19.2	18.6	19.2	19.7	19.9	20.0	20.1	20.2	19.5
-87.5°	6.4	6.2	6.2	6.2	6.2	6.2	6.4	6.7	6.9	7.1	6.8
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



REPORT NUMBER: P626687 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA1C-740-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°	6.4	6.0	5.6	5.8	5.9	6.0	6.1	5.9	5.7	5.5	5.2
85°	18.8	18.0	17.3	17.1	16.8	16.5	16.1	15.4	14.7	13.9	13.1
82.5°	33.2	32.4	31.4	30.8	30.1	29.3	28.4	27.1	25.7	24.3	22.9
80°	49.1	48.0	46.8	45.8	44.6	43.4	41.9	39.8	37.5	35.4	33.3
77.5°	67.1	65.5	63.8	62.0	60.2	58.3	56.1	53.4	50.7	47.9	45.0
75°	85.4	83.7	81.6	79.3	76.8	74.1	71.2	67.9	64.5	61.0	57.4
72.5°	103.1	101.3	99.2	96.7	93.8	90.6	87.0	83.1	78.9	74.6	70.3
70°	120.3	118.0	116.0	113.8	111.1	107.8	103.5	98.8	93.8	88.8	83.8
67.5°	136.9	134.0	132.0	130.0	127.6	124.5	120.1	115.0	109.4	103.5	97.7
65°	153.5	150.2	148.2	146.4	144.0	141.0	136.4	131.2	125.3	118.7	112.0
62.5°	170.8	168.1	165.9	163.3	160.4	157.0	152.4	147.0	141.0	134.1	126.3
60°	187.0	185.0	181.5	178.3	175.4	171.8	166.3	161.1	156.2	148.3	139.8
57.5°	199.5	197.2	194.0	190.6	187.2	182.6	177.7	172.7	167.1	160.4	152.6
55°	210.0	207.5	204.4	201.1	197.4	192.3	187.2	181.9	176.4	170.9	163.2
52.5°	221.5	218.7	215.1	210.8	206.4	201.4	195.7	190.1	185.0	179.3	173.0
50°	235.1	231.7	227.6	223.0	217.2	211.0	205.0	198.4	193.1	187.5	181.1
47.5°	253.4	247.8	241.8	236.3	229.2	221.6	214.7	207.9	201.6	195.7	189.1
45°	280.9	270.3	258.9	251.4	242.3	233.8	224.9	217.3	210.0	203.3	197.2
42.5°	320.5	303.7	288.1	273.0	258.5	248.0	236.9	227.5	218.7	210.7	203.6
40°	377.6	348.6	327.2	303.3	283.8	265.3	251.2	238.3	228.2	218.7	210.0
37.5°	463.9	415.9	380.2	343.0	315.9	290.0	268.3	251.6	237.8	226.9	216.7
35°	597.3	522.5	455.7	402.9	355.0	321.0	290.6	267.2	249.6	235.2	223.4
32.5°	805.9	687.1	565.9	487.9	414.0	358.4	319.3	287.0	262.1	245.1	230.8
30°	1130.2	920.8	742.5	597.1	495.6	410.8	351.3	311.8	279.9	255.0	238.3
27.5°	1601.0	1234.1	984.7	758.0	594.3	482.8	397.6	338.3	298.6	268.9	246.9
25°	2150.6	1711.4	1284.3	977.7	736.6	564.3	451.7	375.4	321.8	283.4	254.5
22.5°	2729.9	2214.8	1703.0	1225.5	913.2	683.5	521.5	412.9	343.8	298.9	265.6
20°	3304.6	2723.0	2139.9	1593.9	1128.3	800.2	597.5	462.6	374.3	316.2	276.0
17.5°	3832.8	3221.8	2582.9	1951.6	1393.1	977.6	693.8	512.8	401.0	331.7	285.1
15°	4333.0	3687.9	3014.0	2331.1	1676.1	1133.9	775.8	556.6	428.8	349.6	297.0
12.5°	4786.0	4106.6	3397.4	2657.4	1927.4	1309.0	885.3	621.1	462.9	368.2	308.2
10°	5181.4	4456.0	3700.3	2931.6	2170.3	1490.3	988.7	676.1	492.4	383.5	317.3
7.5°	5465.4	4731.1	3941.1	3153.2	2367.8	1646.1	1076.7	719.6	515.6	395.3	324.4
5°	5674.2	4945.6	4141.7	3333.3	2514.5	1762.6	1142.4	750.3	532.1	403.5	329.3
2.5°	5817.4	5081.4	4276.1	3451.4	2599.6	1831.0	1184.2	766.7	540.0	409.9	332.0
0°	5858.2	5120.0	4309.9	3513.4	2612.7	1839.8	1200.9	769.2	539.7	413.1	332.5
-2.5°	5817.4	5081.4	4276.1	3451.4	2599.6	1831.0	1184.2	766.7	540.0	409.9	332.0
-5°	5674.2	4945.6	4141.7	3333.3	2514.5	1762.6	1142.4	750.3	532.1	403.5	329.3
-7.5°	5465.4	4731.1	3941.1	3153.2	2367.8	1646.1	1076.7	719.6	515.6	395.3	324.4
-10°	5181.4	4456.0	3700.3	2931.6	2170.3	1490.3	988.7	676.1	492.4	383.5	317.3
-12.5°	4786.0	4106.6	3397.4	2657.4	1927.4	1309.0	885.3	621.1	462.9	368.2	308.2
-15°	4333.0	3687.9	3014.0	2331.1	1676.1	1133.9	775.8	556.6	428.8	349.6	297.0
-17.5°	3832.8	3221.8	2582.9	1951.6	1393.1	977.6	693.8	512.8	401.0	331.7	285.1
-20°	3304.6	2723.0	2139.9	1593.9	1128.3	800.2	597.5	462.6	374.3	316.2	276.0

Classified

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

Scaled Data Report



REPORT NUMBER: P626687 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA1C-740-U-MWR-XX

CANDELA DISTRIBUTION (continued):

	20°	22.5°	25°	27.5°	30°	32.5°	35°	37.5°	40°	42.5°	45°
-22.5°	2729.9	2214.8	1703.0	1225.5	913.2	683.5	521.5	412.9	343.8	298.9	265.6
-25°	2150.6	1711.4	1284.3	977.7	736.6	564.3	451.7	375.4	321.8	283.4	254.5
-27.5°	1601.0	1234.1	984.7	758.0	594.3	482.8	397.6	338.3	298.6	268.9	246.9
-30°	1130.2	920.8	742.5	597.1	495.6	410.8	351.3	311.8	279.9	255.0	238.3
-32.5°	805.9	687.1	565.9	487.9	414.0	358.4	319.3	287.0	262.1	245.1	230.8
-35°	597.3	522.5	455.7	402.9	355.0	321.0	290.6	267.2	249.6	235.2	223.4
-37.5°	463.9	415.9	380.2	343.0	315.9	290.0	268.3	251.6	237.8	226.9	216.7
-40°	377.6	348.6	327.2	303.3	283.8	265.3	251.2	238.3	228.2	218.7	210.0
-42.5°	320.5	303.7	288.1	273.0	258.5	248.0	236.9	227.5	218.7	210.7	203.6
-45°	280.9	270.3	258.9	251.4	242.3	233.8	224.9	217.3	210.0	203.3	197.2
-47.5°	253.4	247.8	241.8	236.3	229.2	221.6	214.7	207.9	201.6	195.7	189.1
-50°	235.1	231.7	227.6	223.0	217.2	211.0	205.0	198.4	193.1	187.5	181.1
-52.5°	221.5	218.7	215.1	210.8	206.4	201.4	195.7	190.1	185.0	179.3	173.0
-55°	210.0	207.5	204.4	201.1	197.4	192.3	187.2	181.9	176.4	170.9	163.2
-57.5°	199.5	197.2	194.0	190.6	187.2	182.6	177.7	172.7	167.1	160.4	152.6
-60°	187.0	185.0	181.5	178.3	175.4	171.8	166.3	161.1	156.2	148.3	139.8
-62.5°	170.8	168.1	165.9	163.3	160.4	157.0	152.4	147.0	141.0	134.1	126.3
-65°	153.5	150.2	148.2	146.4	144.0	141.0	136.4	131.2	125.3	118.7	112.0
-67.5°	136.9	134.0	132.0	130.0	127.6	124.5	120.1	115.0	109.4	103.5	97.7
-70°	120.3	118.0	116.0	113.8	111.1	107.8	103.5	98.8	93.8	88.8	83.8
-72.5°	103.1	101.3	99.2	96.7	93.8	90.6	87.0	83.1	78.9	74.6	70.3
-75°	85.4	83.7	81.6	79.3	76.8	74.1	71.2	67.9	64.5	61.0	57.4
-77.5°	67.1	65.5	63.8	62.0	60.2	58.3	56.1	53.4	50.7	47.9	45.0
-80°	49.1	48.0	46.8	45.8	44.6	43.4	41.9	39.8	37.5	35.4	33.3
-82.5°	33.2	32.4	31.4	30.8	30.1	29.3	28.4	27.1	25.7	24.3	22.9
-85°	18.8	18.0	17.3	17.1	16.8	16.5	16.1	15.4	14.7	13.9	13.1
-87.5°	6.4	6.0	5.6	5.8	5.9	6.0	6.1	5.9	5.7	5.5	5.2
-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: P626687 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA1C-740-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°	5.0	4.8	4.5	4.2	4.0	3.7	3.4	3.1	2.7	2.3	2.0
85°	12.2	11.3	10.4	9.4	8.4	7.4	6.8	6.2	5.4	4.6	3.9
82.5°	21.5	20.1	18.7	17.2	15.5	13.9	12.3	10.7	8.9	7.1	5.8
80°	31.5	29.5	27.5	25.3	22.9	20.3	18.0	15.9	13.7	11.5	9.1
77.5°	42.3	39.4	36.5	33.8	31.0	28.0	24.7	21.4	18.5	15.9	13.0
75°	53.8	50.4	46.8	43.2	39.4	35.6	31.9	28.1	24.2	20.3	16.9
72.5°	66.2	61.9	57.4	52.8	48.4	43.9	39.3	34.7	30.2	25.7	21.0
70°	78.8	73.6	68.4	63.2	57.8	52.2	47.0	41.6	36.1	30.9	25.7
67.5°	91.7	85.8	79.7	73.7	67.7	61.4	54.7	48.4	42.2	36.1	30.2
65°	105.2	98.2	91.1	84.2	77.4	70.5	63.3	55.3	48.1	41.3	34.7
62.5°	118.5	110.9	102.9	94.7	86.9	79.3	71.6	62.8	54.1	46.4	39.1
60°	131.4	122.9	114.3	105.2	96.4	87.9	79.3	70.1	60.6	51.4	43.4
57.5°	143.3	134.3	124.7	115.2	105.6	96.2	86.8	77.0	66.9	56.8	47.6
55°	154.5	144.7	134.6	124.3	114.3	104.2	94.0	83.5	73.0	62.2	51.7
52.5°	164.9	154.7	144.0	133.0	122.2	111.8	101.0	89.9	78.7	67.4	56.2
50°	174.0	164.4	153.1	141.6	129.8	118.9	107.8	96.1	84.3	72.3	60.5
47.5°	181.7	172.9	161.9	149.8	137.4	125.7	114.2	102.1	89.7	77.1	64.7
45°	189.2	180.7	170.1	157.7	144.9	132.6	120.4	107.9	94.8	81.7	68.8
42.5°	196.2	187.7	177.8	165.3	152.1	139.2	126.4	113.3	99.8	86.1	72.6
40°	202.2	193.9	185.1	172.6	158.9	145.4	132.1	118.5	104.5	90.3	76.2
37.5°	208.0	199.5	190.4	179.5	165.3	151.2	137.4	123.6	109.1	94.3	79.6
35°	213.6	204.8	195.2	184.8	171.2	156.7	142.4	128.3	113.4	98.2	82.8
32.5°	218.7	209.6	199.7	189.1	176.6	161.7	147.0	132.4	117.3	101.8	85.7
30°	224.7	213.7	203.7	193.4	181.2	166.3	151.3	136.3	121.0	105.3	88.5
27.5°	230.4	217.5	207.2	196.9	184.9	170.5	155.2	139.8	124.4	108.4	91.3
25°	236.0	222.0	210.5	199.9	188.4	174.5	158.8	143.1	127.3	111.1	93.8
22.5°	242.4	226.0	213.6	202.5	191.8	178.1	162.1	146.0	130.0	113.6	96.2
20°	248.0	229.4	216.5	204.9	194.3	180.8	165.0	148.7	132.3	115.8	98.3
17.5°	253.5	233.2	219.3	207.2	196.2	183.2	167.6	151.0	134.3	117.6	100.1
15°	261.3	237.5	221.7	209.2	197.8	185.3	169.8	153.0	136.1	119.2	101.8
12.5°	267.9	241.2	223.7	210.8	199.1	187.0	171.6	154.6	137.5	120.7	103.3
10°	273.2	244.1	225.3	212.1	200.1	188.3	173.1	156.0	138.9	121.9	104.5
7.5°	277.3	246.2	226.4	213.0	200.8	189.3	174.4	157.2	140.0	122.9	105.5
5°	280.1	247.7	227.4	213.5	201.1	189.8	175.4	158.1	140.8	123.5	106.2
2.5°	281.5	248.3	228.1	213.6	201.2	190.0	176.0	158.6	141.2	124.0	106.6
0°	281.6	248.1	228.3	213.4	201.0	189.8	176.2	158.8	141.4	124.1	106.7
-2.5°	281.5	248.3	228.1	213.6	201.2	190.0	176.0	158.6	141.2	124.0	106.6
-5°	280.1	247.7	227.4	213.5	201.1	189.8	175.4	158.1	140.8	123.5	106.2
-7.5°	277.3	246.2	226.4	213.0	200.8	189.3	174.4	157.2	140.0	122.9	105.5
-10°	273.2	244.1	225.3	212.1	200.1	188.3	173.1	156.0	138.9	121.9	104.5
-12.5°	267.9	241.2	223.7	210.8	199.1	187.0	171.6	154.6	137.5	120.7	103.3
-15°	261.3	237.5	221.7	209.2	197.8	185.3	169.8	153.0	136.1	119.2	101.8
-17.5°	253.5	233.2	219.3	207.2	196.2	183.2	167.6	151.0	134.3	117.6	100.1
-20°	248.0	229.4	216.5	204.9	194.3	180.8	165.0	148.7	132.3	115.8	98.3

Classified

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Scaled Data Report



REPORT NUMBER: P626687 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA1C-740-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°	242.4	226.0	213.6	202.5	191.8	178.1	162.1	146.0	130.0	113.6	96.2
-25°	236.0	222.0	210.5	199.9	188.4	174.5	158.8	143.1	127.3	111.1	93.8
-27.5°	230.4	217.5	207.2	196.9	184.9	170.5	155.2	139.8	124.4	108.4	91.3
-30°	224.7	213.7	203.7	193.4	181.2	166.3	151.3	136.3	121.0	105.3	88.5
-32.5°	218.7	209.6	199.7	189.1	176.6	161.7	147.0	132.4	117.3	101.8	85.7
-35°	213.6	204.8	195.2	184.8	171.2	156.7	142.4	128.3	113.4	98.2	82.8
-37.5°	208.0	199.5	190.4	179.5	165.3	151.2	137.4	123.6	109.1	94.3	79.6
-40°	202.2	193.9	185.1	172.6	158.9	145.4	132.1	118.5	104.5	90.3	76.2
-42.5°	196.2	187.7	177.8	165.3	152.1	139.2	126.4	113.3	99.8	86.1	72.6
-45°	189.2	180.7	170.1	157.7	144.9	132.6	120.4	107.9	94.8	81.7	68.8
-47.5°	181.7	172.9	161.9	149.8	137.4	125.7	114.2	102.1	89.7	77.1	64.7
-50°	174.0	164.4	153.1	141.6	129.8	118.9	107.8	96.1	84.3	72.3	60.5
-52.5°	164.9	154.7	144.0	133.0	122.2	111.8	101.0	89.9	78.7	67.4	56.2
-55°	154.5	144.7	134.6	124.3	114.3	104.2	94.0	83.5	73.0	62.2	51.7
-57.5°	143.3	134.3	124.7	115.2	105.6	96.2	86.8	77.0	66.9	56.8	47.6
-60°	131.4	122.9	114.3	105.2	96.4	87.9	79.3	70.1	60.6	51.4	43.4
-62.5°	118.5	110.9	102.9	94.7	86.9	79.3	71.6	62.8	54.1	46.4	39.1
-65°	105.2	98.2	91.1	84.2	77.4	70.5	63.3	55.3	48.1	41.3	34.7
-67.5°	91.7	85.8	79.7	73.7	67.7	61.4	54.7	48.4	42.2	36.1	30.2
-70°	78.8	73.6	68.4	63.2	57.8	52.2	47.0	41.6	36.1	30.9	25.7
-72.5°	66.2	61.9	57.4	52.8	48.4	43.9	39.3	34.7	30.2	25.7	21.0
-75°	53.8	50.4	46.8	43.2	39.4	35.6	31.9	28.1	24.2	20.3	16.9
-77.5°	42.3	39.4	36.5	33.8	31.0	28.0	24.7	21.4	18.5	15.9	13.0
-80°	31.5	29.5	27.5	25.3	22.9	20.3	18.0	15.9	13.7	11.5	9.1
-82.5°	21.5	20.1	18.7	17.2	15.5	13.9	12.3	10.7	8.9	7.1	5.8
-85°	12.2	11.3	10.4	9.4	8.4	7.4	6.8	6.2	5.4	4.6	3.9
-87.5°	5.0	4.8	4.5	4.2	4.0	3.7	3.4	3.1	2.7	2.3	2.0
-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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CATALOG NUMBER: GFLD-SA1C-740-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°	1.6	1.3	1.1	0.8	0.5	0.3	0.0
85°	3.2	2.7	2.2	1.6	1.1	0.5	0.0
82.5°	4.8	4.0	3.2	2.4	1.6	0.8	0.0
80°	6.6	5.3	4.3	3.2	2.2	1.1	0.0
77.5°	10.1	7.2	5.3	4.0	2.7	1.3	0.0
75°	13.5	10.1	6.6	4.8	3.2	1.6	0.0
72.5°	16.9	12.9	8.9	5.6	3.7	1.9	0.0
70°	20.3	15.7	11.1	6.5	4.2	2.1	0.0
67.5°	24.2	18.4	13.3	8.2	4.7	2.4	0.0
65°	28.0	21.4	15.5	9.8	5.2	2.6	0.0
62.5°	31.7	24.4	17.6	11.4	5.7	2.9	0.0
60°	35.3	27.4	19.7	13.0	6.2	3.1	0.0
57.5°	38.9	30.3	22.0	14.5	7.2	3.3	0.0
55°	42.5	33.1	24.2	16.0	8.2	3.6	0.0
52.5°	45.9	35.8	26.3	17.4	9.1	3.8	0.0
50°	49.3	38.6	28.4	18.8	10.0	4.0	0.0
47.5°	52.6	41.4	30.4	20.2	10.9	4.2	0.0
45°	56.0	44.0	32.3	21.6	11.7	4.4	0.0
42.5°	59.3	46.6	34.1	22.9	12.5	4.6	0.0
40°	62.4	49.0	35.9	24.2	13.2	4.7	0.0
37.5°	65.3	51.3	37.7	25.3	13.9	4.9	0.0
35°	68.1	53.6	39.5	26.4	14.5	5.1	0.0
32.5°	70.7	55.7	41.1	27.4	15.2	5.2	0.0
30°	73.0	57.7	42.7	28.4	15.7	5.4	0.0
27.5°	75.2	59.6	44.1	29.3	16.2	5.5	0.0
25°	77.1	61.3	45.3	30.1	16.7	5.6	0.0
22.5°	78.9	62.7	46.5	30.8	17.1	5.7	0.0
20°	80.5	64.0	47.5	31.4	17.5	5.8	0.0
17.5°	81.9	65.1	48.4	32.0	17.8	5.9	0.0
15°	83.1	66.0	49.1	32.4	18.0	6.0	0.0
12.5°	84.2	66.8	49.8	32.8	18.3	6.1	0.0
10°	85.1	67.4	50.3	33.1	18.4	6.1	0.0
7.5°	85.9	67.9	50.6	33.4	18.5	6.1	0.0
5°	86.4	68.2	50.8	33.5	18.6	6.2	0.0
2.5°	86.7	68.3	50.9	33.5	18.6	6.2	0.0
0°	86.8	68.2	50.9	33.5	18.6	6.2	0.0
-2.5°	86.7	68.3	50.9	33.5	18.6	6.2	0.0
-5°	86.4	68.2	50.8	33.5	18.6	6.2	0.0
-7.5°	85.9	67.9	50.6	33.4	18.5	6.1	0.0
-10°	85.1	67.4	50.3	33.1	18.4	6.1	0.0
-12.5°	84.2	66.8	49.8	32.8	18.3	6.1	0.0
-15°	83.1	66.0	49.1	32.4	18.0	6.0	0.0
-17.5°	81.9	65.1	48.4	32.0	17.8	5.9	0.0
-20°	80.5	64.0	47.5	31.4	17.5	5.8	0.0

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CANDELA DISTRIBUTION (continued):

	75°	77.5°	80°	82.5°	85°	87.5°	90°
-22.5°	78.9	62.7	46.5	30.8	17.1	5.7	0.0
-25°	77.1	61.3	45.3	30.1	16.7	5.6	0.0
-27.5°	75.2	59.6	44.1	29.3	16.2	5.5	0.0
-30°	73.0	57.7	42.7	28.4	15.7	5.4	0.0
-32.5°	70.7	55.7	41.1	27.4	15.2	5.2	0.0
-35°	68.1	53.6	39.5	26.4	14.5	5.1	0.0
-37.5°	65.3	51.3	37.7	25.3	13.9	4.9	0.0
-40°	62.4	49.0	35.9	24.2	13.2	4.7	0.0
-42.5°	59.3	46.6	34.1	22.9	12.5	4.6	0.0
-45°	56.0	44.0	32.3	21.6	11.7	4.4	0.0
-47.5°	52.6	41.4	30.4	20.2	10.9	4.2	0.0
-50°	49.3	38.6	28.4	18.8	10.0	4.0	0.0
-52.5°	45.9	35.8	26.3	17.4	9.1	3.8	0.0
-55°	42.5	33.1	24.2	16.0	8.2	3.6	0.0
-57.5°	38.9	30.3	22.0	14.5	7.2	3.3	0.0
-60°	35.3	27.4	19.7	13.0	6.2	3.1	0.0
-62.5°	31.7	24.4	17.6	11.4	5.7	2.9	0.0
-65°	28.0	21.4	15.5	9.8	5.2	2.6	0.0
-67.5°	24.2	18.4	13.3	8.2	4.7	2.4	0.0
-70°	20.3	15.7	11.1	6.5	4.2	2.1	0.0
-72.5°	16.9	12.9	8.9	5.6	3.7	1.9	0.0
-75°	13.5	10.1	6.6	4.8	3.2	1.6	0.0
-77.5°	10.1	7.2	5.3	4.0	2.7	1.3	0.0
-80°	6.6	5.3	4.3	3.2	2.2	1.1	0.0
-82.5°	4.8	4.0	3.2	2.4	1.6	0.8	0.0
-85°	3.2	2.7	2.2	1.6	1.1	0.5	0.0
-87.5°	1.6	1.3	1.1	0.8	0.5	0.3	0.0
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0

(END OF REPORT)