

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: P626809 (CONVERTED FROM TYPE C PHOTOMETRY)

Luminaire Tested: **GFLD-SA1E-740-U-NR-XX**

Issue Date: 12/7/2022

Test Information

Test Method: LM-79-08
Report Number: P626809 (CONVERTED FROM TYPE C PHOTOMETRY)
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G2-2210-813-11)
Test Lab: COOPER LIGHTING SOLUTIONS
Issue Date: 12/7/2022
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: MCGRAW-EDISON
Catalog Number: GFLD-SA1E-740-U-NR-XX
Description: GALLEON FLOOD, ONE LIGHT SQAURE, NARROW SYMMETRICAL ROUND N27
Light Source: (16) 4000K CCT, 70 CRI LEDS
Ballast/Driver: -

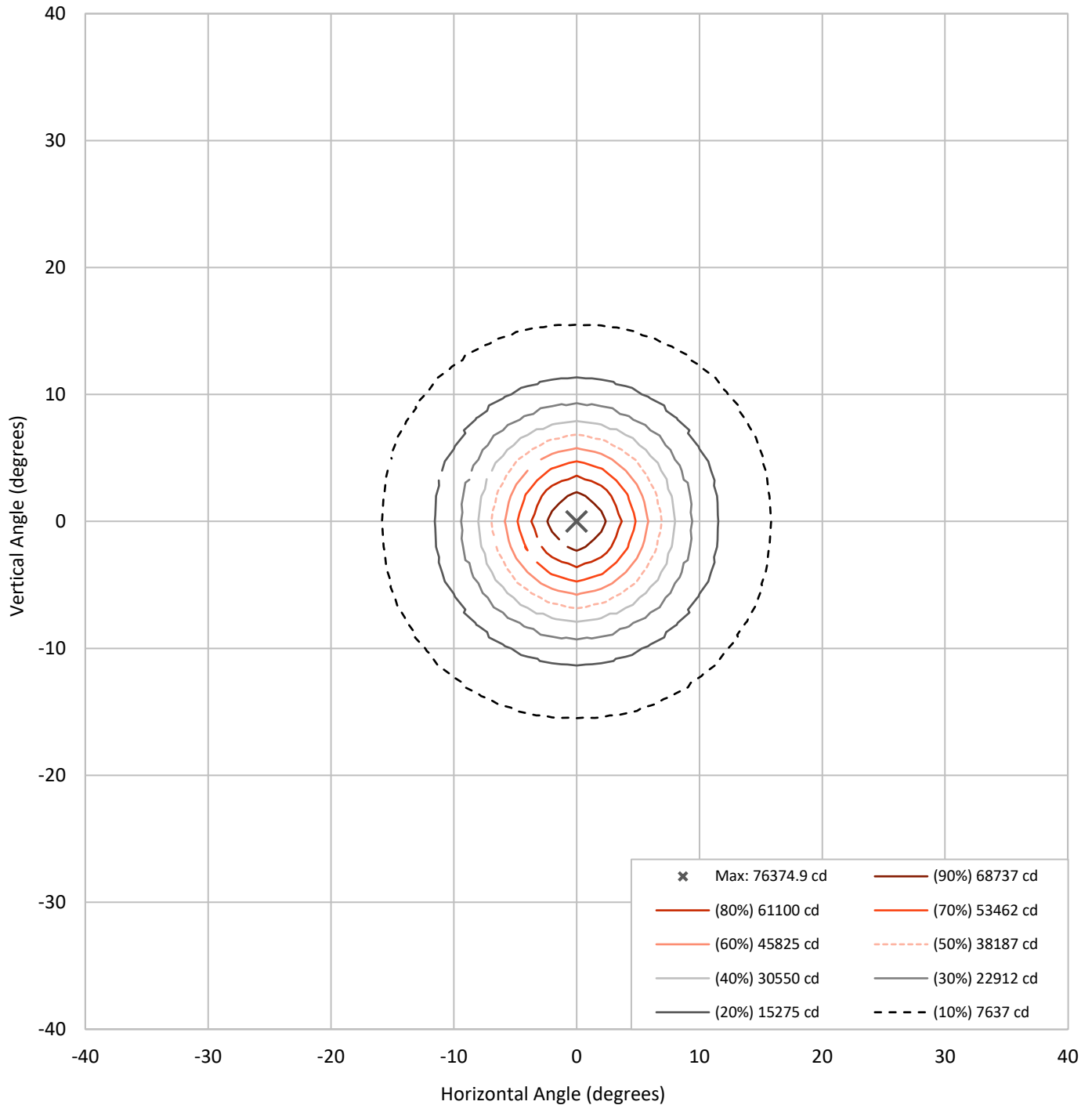
Summary

Lumens per Lamp:	N/A	NEMA Type:	3H x 3V
Luminaire Lumens:	8109.9 lumens	Max Intensity:	76374.9 candela
Efficiency:	N/A	Max Intensity Angle:	0°H x 0°V
Efficacy:	122.5 lumens/watt		
Luminous Opening:	Rectangular (W 0.5' x L: 0.5' x H: 0')		
Beam Angle (50%):	13.7°H x 13.6°V	Field Angle (10%):	31.6°H x 30.6°V
Beam Lumens:	2397.7 lumens	Field Lumens:	5395.9 lumens
Beam Efficiency:	29.6%	Field Efficiency:	66.5%
Input Watts (W):	66.2		
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





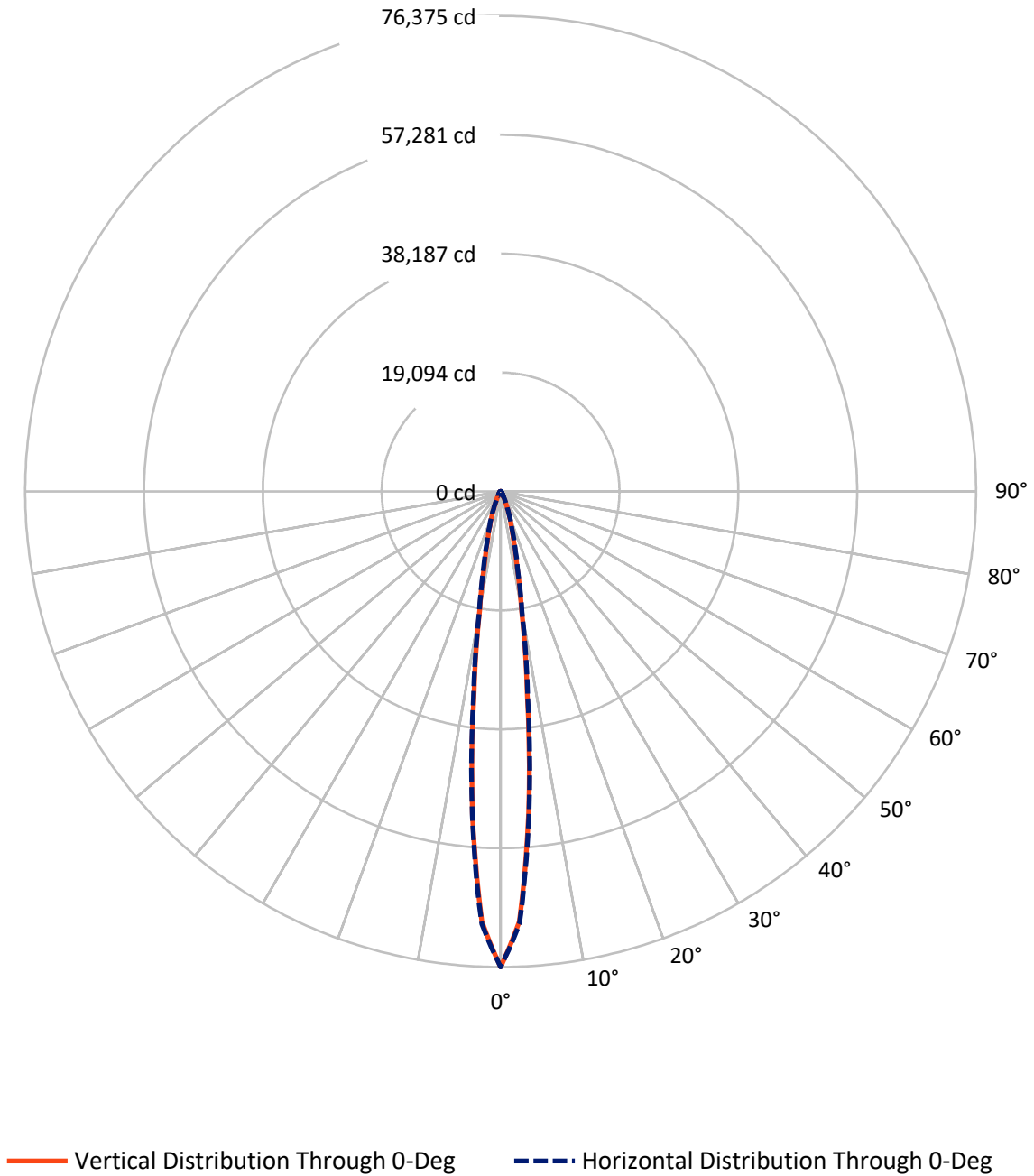
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Lumen Table

90	0.1	1.1		2.9		4.7		5.2		4.7		2.9		1.1		0.1			
80	0.1	1.1		2.9		4.7		5.2		4.7		2.9		1.1		0.1			
70	0.5	0.6	1.2	1.9	2.7	3.3	3.7	3.9	3.9	3.7	3.3	2.7	1.9	1.2	0.6	0.5			
60		0.9	1.8	2.9	3.8	4.7	5.2	5.5	5.5	5.2	4.7	3.8	2.9	1.8	0.9				
50	0.9	1.1	2.3	3.5	4.7	5.9	6.9	7.5	7.5	6.9	5.9	4.7	3.5	2.3	1.1	0.9			
40		1.4	2.7	4.1	5.8	8.3	11.7	14.5	14.5	11.7	8.3	5.8	4.1	2.7	1.4				
30	1.1	1.5	2.9	4.6	7.5	14.8	33.7	55.9	55.9	33.7	14.8	7.5	4.6	2.9	1.5	1.1			
20		1.6	3.1	5.1	9.9	31.5	111.7	240.6	240.6	111.7	31.5	9.9	5.1	3.1	1.6				
10	1.2	1.7	3.2	5.4	12.0	51.9	242.9	1049.2	1049.2	242.9	51.9	12.0	5.4	3.2	1.7	1.2			
0		1.7	3.2	5.4	12.0	51.9	242.9	1049.2	1049.2	242.9	51.9	12.0	5.4	3.2	1.7				
-10	1.1	1.6	3.1	5.1	9.9	31.5	111.7	240.6	240.6	111.7	31.5	9.9	5.1	3.1	1.6	1.1			
-20		1.5	2.9	4.6	7.5	14.8	33.7	55.9	55.9	33.7	14.8	7.5	4.6	2.9	1.5				
-30	0.9	1.4	2.7	4.1	5.8	8.3	11.7	14.5	14.5	11.7	8.3	5.8	4.1	2.7	1.4	0.9			
-40		1.1	2.3	3.5	4.7	5.9	6.9	7.5	7.5	6.9	5.9	4.7	3.5	2.3	1.1				
-50	0.5	0.9	1.8	2.9	3.8	4.7	5.2	5.5	5.5	5.2	4.7	3.8	2.9	1.8	0.9	0.5			
-60		0.6	1.2	1.9	2.7	3.3	3.7	3.9	3.9	3.7	3.3	2.7	1.9	1.2	0.6				
-70	0.1	1.1		2.9		4.7		5.2		4.7		2.9		1.1		0.1			
-80		1.1		2.9		4.7		5.2		4.7		2.9		1.1					
-90	0.1	1.1		2.9		4.7		5.2		4.7		2.9		1.1		0.1			
	-90	-80	-70	-60	-50	-40	-30	-20	-10	0	10	20	30	40	50	60	70	80	90

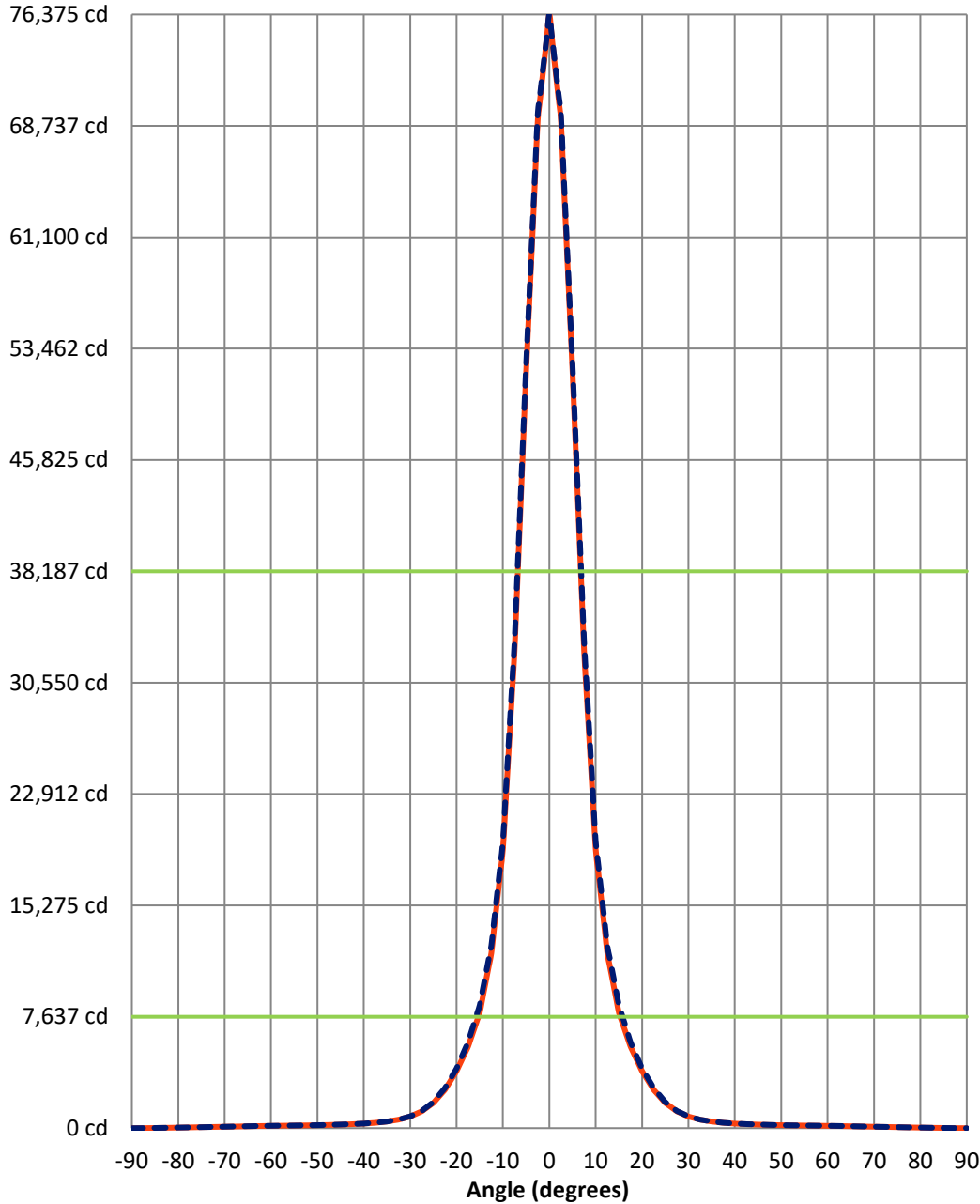
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Luminous Intensity Polar Plot



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Luminous Intensity Plot



Beam:
 H Angle: 13.7°
 V Angle: 13.6°
 Lumens: 2397.7
 Efficiency: 29.6%

Field:
 H Angle: 31.6°
 V Angle: 30.6°
 Lumens: 5395.9
 Efficiency: 66.5%

Spill:
 Lumens: 2714
 Efficiency: 33.5%

— 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	0.2	0.6	0.8	1.1	1.4	1.7	2.0	2.2	2.5	2.7
85°	0.0	0.5	1.1	1.7	2.3	2.8	3.4	3.9	4.4	5.0	5.5
82.5°	0.0	0.7	1.7	2.5	3.4	4.2	5.0	5.8	6.7	7.9	9.1
80°	0.0	1.0	2.2	3.4	4.5	5.6	6.8	8.5	10.1	11.7	13.3
77.5°	0.0	1.2	2.8	4.2	5.6	7.2	9.3	11.4	13.4	15.4	17.5
75°	0.0	1.5	3.3	5.0	6.8	9.2	11.8	14.3	16.8	19.5	22.2
72.5°	0.0	1.7	3.9	5.8	8.3	11.1	14.2	17.3	20.5	23.7	26.9
70°	0.0	1.9	4.4	6.7	9.7	13.0	16.6	20.5	24.2	27.9	32.0
67.5°	0.0	2.2	4.9	7.7	11.2	14.9	19.3	23.7	27.9	32.6	37.3
65°	0.0	2.4	5.4	8.8	12.6	16.9	22.0	26.9	32.0	37.3	42.8
62.5°	0.0	2.6	5.8	9.7	13.9	19.1	24.6	30.3	36.1	42.0	48.9
60°	0.0	2.8	6.3	10.7	15.3	21.2	27.2	33.8	40.1	47.3	54.9
57.5°	0.0	3.0	6.9	11.6	16.9	23.3	30.0	37.2	44.4	52.4	60.6
55°	0.0	3.2	7.5	12.5	18.5	25.4	32.8	40.5	48.8	57.3	66.2
52.5°	0.0	3.4	8.0	13.4	20.1	27.4	35.5	44.0	52.9	62.1	71.5
50°	0.0	3.5	8.6	14.2	21.6	29.5	38.1	47.4	56.9	66.6	76.7
47.5°	0.0	3.7	9.1	15.1	23.1	31.6	40.7	50.7	60.7	70.9	81.7
45°	0.0	3.9	9.6	16.1	24.5	33.7	43.4	53.9	64.4	75.3	86.5
42.5°	0.0	4.0	10.1	17.1	25.8	35.6	46.0	57.0	67.9	79.6	91.3
40°	0.0	4.1	10.6	18.1	27.2	37.4	48.5	59.9	71.3	83.7	95.9
37.5°	0.0	4.3	11.0	19.0	28.6	39.1	50.9	62.6	74.7	87.6	100.4
35°	0.0	4.4	11.5	19.9	29.9	40.9	53.1	65.2	77.9	91.2	104.8
32.5°	0.0	4.5	11.9	20.8	31.1	42.6	55.1	67.7	80.8	94.6	108.5
30°	0.0	4.6	12.3	21.6	32.2	44.2	57.1	70.0	83.5	97.8	111.9
27.5°	0.0	4.7	12.6	22.3	33.3	45.7	58.9	72.1	86.0	100.7	115.0
25°	0.0	4.7	13.0	23.0	34.3	47.1	60.5	74.1	88.3	103.3	117.7
22.5°	0.0	4.8	13.3	23.6	35.3	48.3	62.0	75.8	90.4	105.5	120.1
20°	0.0	4.9	13.6	24.1	36.1	49.4	63.3	77.4	92.3	107.4	122.2
17.5°	0.0	4.9	13.8	24.6	36.9	50.3	64.4	78.7	93.9	109.0	124.1
15°	0.0	4.9	14.1	25.0	37.5	51.0	65.3	79.8	95.3	110.3	125.7
12.5°	0.0	5.0	14.3	25.4	38.0	51.6	66.0	80.9	96.5	111.3	127.0
10°	0.0	5.0	14.4	25.7	38.5	52.0	66.6	81.8	97.3	112.3	128.3
7.5°	0.0	5.0	14.5	25.9	38.8	52.3	67.0	82.5	98.0	113.3	129.8
5°	0.0	5.0	14.6	26.1	39.1	52.5	67.2	83.1	98.3	113.9	131.1
2.5°	0.0	4.9	14.7	26.2	39.2	52.5	67.2	83.4	98.4	114.4	131.9
0°	0.0	4.9	14.7	26.2	39.3	52.4	67.1	83.5	98.2	114.5	132.5
-2.5°	0.0	4.9	14.7	26.2	39.2	52.5	67.2	83.4	98.4	114.4	131.9
-5°	0.0	5.0	14.6	26.1	39.1	52.5	67.2	83.1	98.3	113.9	131.1
-7.5°	0.0	5.0	14.5	25.9	38.8	52.3	67.0	82.5	98.0	113.3	129.8
-10°	0.0	5.0	14.4	25.7	38.5	52.0	66.6	81.8	97.3	112.3	128.3
-12.5°	0.0	5.0	14.3	25.4	38.0	51.6	66.0	80.9	96.5	111.3	127.0
-15°	0.0	4.9	14.1	25.0	37.5	51.0	65.3	79.8	95.3	110.3	125.7
-17.5°	0.0	4.9	13.8	24.6	36.9	50.3	64.4	78.7	93.9	109.0	124.1
-20°	0.0	4.9	13.6	24.1	36.1	49.4	63.3	77.4	92.3	107.4	122.2

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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	4.8	13.3	23.6	35.3	48.3	62.0	75.8	90.4	105.5	120.1
-25°	0.0	4.7	13.0	23.0	34.3	47.1	60.5	74.1	88.3	103.3	117.7
-27.5°	0.0	4.7	12.6	22.3	33.3	45.7	58.9	72.1	86.0	100.7	115.0
-30°	0.0	4.6	12.3	21.6	32.2	44.2	57.1	70.0	83.5	97.8	111.9
-32.5°	0.0	4.5	11.9	20.8	31.1	42.6	55.1	67.7	80.8	94.6	108.5
-35°	0.0	4.4	11.5	19.9	29.9	40.9	53.1	65.2	77.9	91.2	104.8
-37.5°	0.0	4.3	11.0	19.0	28.6	39.1	50.9	62.6	74.7	87.6	100.4
-40°	0.0	4.1	10.6	18.1	27.2	37.4	48.5	59.9	71.3	83.7	95.9
-42.5°	0.0	4.0	10.1	17.1	25.8	35.6	46.0	57.0	67.9	79.6	91.3
-45°	0.0	3.9	9.6	16.1	24.5	33.7	43.4	53.9	64.4	75.3	86.5
-47.5°	0.0	3.7	9.1	15.1	23.1	31.6	40.7	50.7	60.7	70.9	81.7
-50°	0.0	3.5	8.6	14.2	21.6	29.5	38.1	47.4	56.9	66.6	76.7
-52.5°	0.0	3.4	8.0	13.4	20.1	27.4	35.5	44.0	52.9	62.1	71.5
-55°	0.0	3.2	7.5	12.5	18.5	25.4	32.8	40.5	48.8	57.3	66.2
-57.5°	0.0	3.0	6.9	11.6	16.9	23.3	30.0	37.2	44.4	52.4	60.6
-60°	0.0	2.8	6.3	10.7	15.3	21.2	27.2	33.8	40.1	47.3	54.9
-62.5°	0.0	2.6	5.8	9.7	13.9	19.1	24.6	30.3	36.1	42.0	48.9
-65°	0.0	2.4	5.4	8.8	12.6	16.9	22.0	26.9	32.0	37.3	42.8
-67.5°	0.0	2.2	4.9	7.7	11.2	14.9	19.3	23.7	27.9	32.6	37.3
-70°	0.0	1.9	4.4	6.7	9.7	13.0	16.6	20.5	24.2	27.9	32.0
-72.5°	0.0	1.7	3.9	5.8	8.3	11.1	14.2	17.3	20.5	23.7	26.9
-75°	0.0	1.5	3.3	5.0	6.8	9.2	11.8	14.3	16.8	19.5	22.2
-77.5°	0.0	1.2	2.8	4.2	5.6	7.2	9.3	11.4	13.4	15.4	17.5
-80°	0.0	1.0	2.2	3.4	4.5	5.6	6.8	8.5	10.1	11.7	13.3
-82.5°	0.0	0.7	1.7	2.5	3.4	4.2	5.0	5.8	6.7	7.9	9.1
-85°	0.0	0.5	1.1	1.7	2.3	2.8	3.4	3.9	4.4	5.0	5.5
-87.5°	0.0	0.2	0.6	0.8	1.1	1.4	1.7	2.0	2.2	2.5	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



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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°	3.0	3.2	3.5	3.7	4.0	4.2	4.4	4.6	4.8	5.0	5.2
85°	6.0	6.5	7.2	7.9	8.6	9.1	9.5	9.9	10.6	11.3	12.0
82.5°	10.3	11.4	12.5	13.6	14.3	14.9	15.5	16.3	17.7	19.1	20.4
80°	14.8	16.3	18.0	19.7	21.1	22.5	24.0	25.5	27.1	28.6	30.0
77.5°	19.8	21.9	24.1	26.1	28.2	30.4	32.6	34.6	36.6	38.5	40.3
75°	24.9	27.5	30.4	33.2	36.0	38.7	41.3	44.1	46.8	49.3	51.8
72.5°	30.3	33.8	37.2	40.5	44.1	47.6	51.0	54.3	57.5	60.8	64.3
70°	36.1	40.1	44.5	48.8	52.8	57.0	61.2	64.8	68.3	72.8	77.5
67.5°	42.1	47.4	52.4	57.2	62.6	67.5	71.8	76.4	81.3	86.6	91.3
65°	49.1	54.9	60.7	66.8	72.9	78.1	83.5	89.2	94.7	100.0	105.0
62.5°	56.0	62.6	69.3	75.9	82.2	88.4	94.9	101.2	107.3	113.5	118.9
60°	62.7	70.1	77.2	84.1	91.3	99.0	106.1	113.2	120.5	127.4	131.1
57.5°	69.1	77.1	84.5	92.3	100.7	109.3	116.9	124.8	131.1	135.9	140.6
55°	75.2	83.5	91.6	100.3	109.5	118.5	126.8	133.9	139.7	144.1	149.1
52.5°	80.8	89.6	98.4	108.0	117.7	127.3	136.0	142.6	147.8	152.4	157.1
50°	86.4	95.6	104.9	115.4	125.8	136.0	144.6	150.6	155.5	160.2	165.0
47.5°	91.9	101.6	111.6	122.7	134.0	143.8	152.0	157.5	162.5	168.0	173.3
45°	97.2	107.7	118.4	130.3	141.6	151.1	158.0	163.6	169.7	175.6	181.3
42.5°	102.5	113.8	125.3	137.7	148.6	157.2	163.6	170.2	176.8	183.1	189.5
40°	107.8	119.6	131.8	144.1	155.1	162.5	169.4	176.5	183.7	190.5	197.6
37.5°	112.9	125.1	137.7	150.1	160.1	167.6	174.7	182.5	190.2	197.7	206.9
35°	117.7	130.1	142.8	154.8	164.5	172.2	180.1	188.3	196.4	206.0	216.5
32.5°	122.0	134.6	147.4	158.6	168.1	176.4	185.3	193.9	203.6	214.5	227.1
30°	125.6	138.5	151.4	162.3	171.6	180.4	190.0	199.5	210.8	223.9	238.9
27.5°	128.8	142.0	154.5	165.5	174.9	183.7	193.8	205.8	218.8	233.5	251.1
25°	131.8	145.5	157.5	168.4	177.6	186.7	197.6	210.8	226.4	244.2	265.7
22.5°	134.6	149.0	160.6	171.2	179.6	189.6	201.8	216.2	233.2	253.9	280.2
20°	137.3	151.5	163.0	173.4	181.2	192.0	205.5	220.9	240.2	264.9	295.3
17.5°	139.7	153.7	164.9	174.6	183.2	194.6	208.8	224.7	246.2	274.9	309.2
15°	142.0	155.6	166.4	175.7	185.1	197.4	212.2	229.4	253.0	284.4	321.5
12.5°	144.0	157.0	167.6	176.5	186.5	199.6	215.2	234.3	260.2	293.8	337.1
10°	145.7	158.2	168.4	177.0	187.6	201.3	217.7	238.3	265.9	301.0	349.0
7.5°	147.1	159.1	169.0	177.3	188.3	202.5	219.6	241.4	269.9	306.2	357.7
5°	148.1	159.8	169.7	178.4	189.4	203.4	221.1	243.5	272.3	309.2	363.1
2.5°	148.7	160.3	170.1	179.3	190.7	204.2	222.1	245.8	274.2	312.2	367.2
0°	148.9	160.4	170.2	180.0	191.5	204.5	222.5	247.1	274.9	314.2	369.8
-2.5°	148.7	160.3	170.1	179.3	190.7	204.2	222.1	245.8	274.2	312.2	367.2
-5°	148.1	159.8	169.7	178.4	189.4	203.4	221.1	243.5	272.3	309.2	363.1
-7.5°	147.1	159.1	169.0	177.3	188.3	202.5	219.6	241.4	269.9	306.2	357.7
-10°	145.7	158.2	168.4	177.0	187.6	201.3	217.7	238.3	265.9	301.0	349.0
-12.5°	144.0	157.0	167.6	176.5	186.5	199.6	215.2	234.3	260.2	293.8	337.1
-15°	142.0	155.6	166.4	175.7	185.1	197.4	212.2	229.4	253.0	284.4	321.5
-17.5°	139.7	153.7	164.9	174.6	183.2	194.6	208.8	224.7	246.2	274.9	309.2
-20°	137.3	151.5	163.0	173.4	181.2	192.0	205.5	220.9	240.2	264.9	295.3

Classified

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

Scaled Data Report



REPORT NUMBER: P626809 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA1E-740-U-NR-XX

CANDELA DISTRIBUTION (continued):

	-62.5°	-60°	-57.5°	-55°	-52.5°	-50°	-47.5°	-45°	-42.5°	-40°	-37.5°
-22.5°	134.6	149.0	160.6	171.2	179.6	189.6	201.8	216.2	233.2	253.9	280.2
-25°	131.8	145.5	157.5	168.4	177.6	186.7	197.6	210.8	226.4	244.2	265.7
-27.5°	128.8	142.0	154.5	165.5	174.9	183.7	193.8	205.8	218.8	233.5	251.1
-30°	125.6	138.5	151.4	162.3	171.6	180.4	190.0	199.5	210.8	223.9	238.9
-32.5°	122.0	134.6	147.4	158.6	168.1	176.4	185.3	193.9	203.6	214.5	227.1
-35°	117.7	130.1	142.8	154.8	164.5	172.2	180.1	188.3	196.4	206.0	216.5
-37.5°	112.9	125.1	137.7	150.1	160.1	167.6	174.7	182.5	190.2	197.7	206.9
-40°	107.8	119.6	131.8	144.1	155.1	162.5	169.4	176.5	183.7	190.5	197.6
-42.5°	102.5	113.8	125.3	137.7	148.6	157.2	163.6	170.2	176.8	183.1	189.5
-45°	97.2	107.7	118.4	130.3	141.6	151.1	158.0	163.6	169.7	175.6	181.3
-47.5°	91.9	101.6	111.6	122.7	134.0	143.8	152.0	157.5	162.5	168.0	173.3
-50°	86.4	95.6	104.9	115.4	125.8	136.0	144.6	150.6	155.5	160.2	165.0
-52.5°	80.8	89.6	98.4	108.0	117.7	127.3	136.0	142.6	147.8	152.4	157.1
-55°	75.2	83.5	91.6	100.3	109.5	118.5	126.8	133.9	139.7	144.1	149.1
-57.5°	69.1	77.1	84.5	92.3	100.7	109.3	116.9	124.8	131.1	135.9	140.6
-60°	62.7	70.1	77.2	84.1	91.3	99.0	106.1	113.2	120.5	127.4	131.1
-62.5°	56.0	62.6	69.3	75.9	82.2	88.4	94.9	101.2	107.3	113.5	118.9
-65°	49.1	54.9	60.7	66.8	72.9	78.1	83.5	89.2	94.7	100.0	105.0
-67.5°	42.1	47.4	52.4	57.2	62.6	67.5	71.8	76.4	81.3	86.6	91.3
-70°	36.1	40.1	44.5	48.8	52.8	57.0	61.2	64.8	68.3	72.8	77.5
-72.5°	30.3	33.8	37.2	40.5	44.1	47.6	51.0	54.3	57.5	60.8	64.3
-75°	24.9	27.5	30.4	33.2	36.0	38.7	41.3	44.1	46.8	49.3	51.8
-77.5°	19.8	21.9	24.1	26.1	28.2	30.4	32.6	34.6	36.6	38.5	40.3
-80°	14.8	16.3	18.0	19.7	21.1	22.5	24.0	25.5	27.1	28.6	30.0
-82.5°	10.3	11.4	12.5	13.6	14.3	14.9	15.5	16.3	17.7	19.1	20.4
-85°	6.0	6.5	7.2	7.9	8.6	9.1	9.5	9.9	10.6	11.3	12.0
-87.5°	3.0	3.2	3.5	3.7	4.0	4.2	4.4	4.6	4.8	5.0	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: P626809 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA1E-740-U-NR-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°	5.3	5.5	5.6	5.8	5.9	6.0	6.1	6.2	6.3	6.0	5.6
85°	12.8	13.3	13.7	14.2	14.5	14.9	15.2	15.5	15.7	15.5	15.3
82.5°	21.6	22.4	23.2	23.9	24.6	25.2	25.7	26.2	26.6	26.6	26.5
80°	31.4	32.8	34.2	35.6	36.9	37.7	38.3	38.8	39.1	39.3	39.3
77.5°	42.1	44.3	46.6	48.8	51.0	52.2	53.2	53.9	54.5	54.6	54.5
75°	54.1	56.9	60.0	62.7	65.0	66.5	67.5	68.3	69.0	69.2	69.1
72.5°	68.0	71.4	74.2	76.5	78.5	80.0	81.3	82.3	83.2	83.6	83.6
70°	81.7	85.1	87.7	90.1	92.0	93.6	95.1	96.4	97.5	98.2	98.8
67.5°	95.5	99.4	102.1	104.2	105.9	107.6	109.6	111.3	112.7	113.7	114.2
65°	109.8	113.8	116.4	118.7	120.7	122.9	125.1	126.7	127.7	128.4	128.8
62.5°	123.5	127.3	130.6	133.6	136.5	139.0	140.5	141.8	143.0	144.0	144.7
60°	135.3	140.1	143.8	146.7	149.6	152.4	154.2	155.7	156.8	157.7	158.2
57.5°	145.4	150.3	154.6	157.5	160.6	163.9	166.1	167.3	168.5	169.4	169.9
55°	154.2	158.7	162.7	166.6	170.1	173.1	175.4	177.1	178.5	179.6	180.0
52.5°	162.2	167.1	171.8	175.9	179.3	182.1	184.4	186.5	188.1	189.2	189.7
50°	170.6	175.8	180.8	185.3	188.8	192.0	194.9	197.4	199.7	201.5	202.9
47.5°	178.8	184.4	189.9	194.8	199.1	203.7	207.8	211.3	214.7	217.5	219.4
45°	187.0	193.5	199.5	205.9	211.6	217.6	223.3	228.1	233.1	236.8	239.4
42.5°	196.2	203.6	210.8	218.8	226.5	234.4	242.9	250.5	256.3	261.9	266.3
40°	206.0	214.5	223.9	233.7	245.2	255.5	267.0	276.8	285.6	295.0	302.5
37.5°	216.5	227.1	239.5	252.6	267.4	281.6	296.5	311.2	324.0	339.1	350.6
35°	228.1	242.3	257.6	275.2	293.7	314.0	334.4	358.0	378.2	400.6	420.0
32.5°	241.9	258.7	278.8	302.1	325.8	356.7	385.5	423.0	455.4	490.9	526.6
30°	256.0	278.0	304.0	333.2	370.9	413.4	460.7	516.5	574.1	629.8	697.0
27.5°	273.5	300.1	331.5	374.3	429.7	487.1	568.5	652.3	758.1	845.7	969.0
25°	291.7	322.9	367.6	425.8	498.1	597.7	721.3	855.2	1041.4	1204.9	1396.7
22.5°	311.5	353.7	409.2	481.1	590.7	743.7	930.8	1182.9	1457.5	1748.9	2038.8
20°	332.2	383.2	455.9	560.1	710.6	917.7	1238.9	1628.1	2020.3	2501.3	2927.1
17.5°	356.1	421.0	510.7	640.9	841.7	1159.0	1604.6	2147.9	2756.4	3447.9	4061.9
15°	376.0	453.4	566.6	748.8	1024.9	1432.4	1994.4	2741.8	3656.2	4584.9	5527.1
12.5°	399.1	488.7	621.6	838.8	1185.7	1727.3	2492.1	3438.2	4580.1	5868.4	7386.9
10°	419.7	523.3	688.5	957.4	1381.3	2034.7	2962.9	4101.2	5574.8	7428.2	9779.9
7.5°	434.9	550.8	740.1	1047.7	1550.4	2330.3	3407.8	4827.2	6699.7	9147.1	12374.6
5°	444.8	570.7	776.7	1117.3	1682.8	2550.3	3733.8	5342.1	7601.2	11062.6	16527.9
2.5°	450.7	582.5	797.5	1158.2	1763.3	2696.1	3981.8	5731.4	8185.4	12246.4	19199.3
0°	453.3	585.8	810.0	1179.8	1790.2	2752.3	4095.8	5908.9	8446.8	12523.0	19668.9
-2.5°	450.7	582.5	797.5	1158.2	1763.3	2696.1	3981.8	5731.4	8185.4	12246.4	19199.3
-5°	444.8	570.7	776.7	1117.3	1682.8	2550.3	3733.8	5342.1	7601.2	11062.6	16527.9
-7.5°	434.9	550.8	740.1	1047.7	1550.4	2330.3	3407.8	4827.2	6699.7	9147.1	12374.6
-10°	419.7	523.3	688.5	957.4	1381.3	2034.7	2962.9	4101.2	5574.8	7428.2	9779.9
-12.5°	399.1	488.7	621.6	838.8	1185.7	1727.3	2492.1	3438.2	4580.1	5868.4	7386.9
-15°	376.0	453.4	566.6	748.8	1024.9	1432.4	1994.4	2741.8	3656.2	4584.9	5527.1
-17.5°	356.1	421.0	510.7	640.9	841.7	1159.0	1604.6	2147.9	2756.4	3447.9	4061.9
-20°	332.2	383.2	455.9	560.1	710.6	917.7	1238.9	1628.1	2020.3	2501.3	2927.1

Classified

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

Scaled Data Report



REPORT NUMBER: P626809 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA1E-740-U-NR-XX

CANDELA DISTRIBUTION (continued):

	-35°	-32.5°	-30°	-27.5°	-25°	-22.5°	-20°	-17.5°	-15°	-12.5°	-10°
-22.5°	311.5	353.7	409.2	481.1	590.7	743.7	930.8	1182.9	1457.5	1748.9	2038.8
-25°	291.7	322.9	367.6	425.8	498.1	597.7	721.3	855.2	1041.4	1204.9	1396.7
-27.5°	273.5	300.1	331.5	374.3	429.7	487.1	568.5	652.3	758.1	845.7	969.0
-30°	256.0	278.0	304.0	333.2	370.9	413.4	460.7	516.5	574.1	629.8	697.0
-32.5°	241.9	258.7	278.8	302.1	325.8	356.7	385.5	423.0	455.4	490.9	526.6
-35°	228.1	242.3	257.6	275.2	293.7	314.0	334.4	358.0	378.2	400.6	420.0
-37.5°	216.5	227.1	239.5	252.6	267.4	281.6	296.5	311.2	324.0	339.1	350.6
-40°	206.0	214.5	223.9	233.7	245.2	255.5	267.0	276.8	285.6	295.0	302.5
-42.5°	196.2	203.6	210.8	218.8	226.5	234.4	242.9	250.5	256.3	261.9	266.3
-45°	187.0	193.5	199.5	205.9	211.6	217.6	223.3	228.1	233.1	236.8	239.4
-47.5°	178.8	184.4	189.9	194.8	199.1	203.7	207.8	211.3	214.7	217.5	219.4
-50°	170.6	175.8	180.8	185.3	188.8	192.0	194.9	197.4	199.7	201.5	202.9
-52.5°	162.2	167.1	171.8	175.9	179.3	182.1	184.4	186.5	188.1	189.2	189.7
-55°	154.2	158.7	162.7	166.6	170.1	173.1	175.4	177.1	178.5	179.6	180.0
-57.5°	145.4	150.3	154.6	157.5	160.6	163.9	166.1	167.3	168.5	169.4	169.9
-60°	135.3	140.1	143.8	146.7	149.6	152.4	154.2	155.7	156.8	157.7	158.2
-62.5°	123.5	127.3	130.6	133.6	136.5	139.0	140.5	141.8	143.0	144.0	144.7
-65°	109.8	113.8	116.4	118.7	120.7	122.9	125.1	126.7	127.7	128.4	128.8
-67.5°	95.5	99.4	102.1	104.2	105.9	107.6	109.6	111.3	112.7	113.7	114.2
-70°	81.7	85.1	87.7	90.1	92.0	93.6	95.1	96.4	97.5	98.2	98.8
-72.5°	68.0	71.4	74.2	76.5	78.5	80.0	81.3	82.3	83.2	83.6	83.6
-75°	54.1	56.9	60.0	62.7	65.0	66.5	67.5	68.3	69.0	69.2	69.1
-77.5°	42.1	44.3	46.6	48.8	51.0	52.2	53.2	53.9	54.5	54.6	54.5
-80°	31.4	32.8	34.2	35.6	36.9	37.7	38.3	38.8	39.1	39.3	39.3
-82.5°	21.6	22.4	23.2	23.9	24.6	25.2	25.7	26.2	26.6	26.6	26.5
-85°	12.8	13.3	13.7	14.2	14.5	14.9	15.2	15.5	15.7	15.5	15.3
-87.5°	5.3	5.5	5.6	5.8	5.9	6.0	6.1	6.2	6.3	6.0	5.6
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



REPORT NUMBER: P626809 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA1E-740-U-NR-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°	5.3	4.9	4.9	4.9	4.9	4.9	5.3	5.6	6.0	6.3	6.2
85°	15.0	14.6	14.7	14.7	14.7	14.6	15.0	15.3	15.5	15.7	15.5
82.5°	26.3	26.1	26.2	26.2	26.2	26.1	26.3	26.5	26.6	26.6	26.2
80°	39.3	39.1	38.4	37.6	38.4	39.1	39.3	39.3	39.3	39.1	38.8
77.5°	54.2	53.8	53.1	52.4	53.1	53.8	54.2	54.5	54.6	54.5	53.9
75°	68.8	68.4	68.6	68.7	68.6	68.4	68.8	69.1	69.2	69.0	68.3
72.5°	83.5	83.2	83.4	83.5	83.4	83.2	83.5	83.6	83.6	83.2	82.3
70°	99.2	99.3	98.9	98.2	98.9	99.3	99.2	98.8	98.2	97.5	96.4
67.5°	114.3	114.1	113.6	112.9	113.6	114.1	114.3	114.2	113.7	112.7	111.3
65°	129.0	128.9	129.1	129.3	129.1	128.9	129.0	128.8	128.4	127.7	126.7
62.5°	145.1	145.1	144.7	144.0	144.7	145.1	145.1	144.7	144.0	143.0	141.8
60°	158.4	158.3	157.9	157.1	157.9	158.3	158.4	158.2	157.7	156.8	155.7
57.5°	170.0	169.9	169.3	168.5	169.3	169.9	170.0	169.9	169.4	168.5	167.3
55°	180.0	179.8	179.2	178.4	179.2	179.8	180.0	180.0	179.6	178.5	177.1
52.5°	189.8	189.6	189.6	189.8	189.6	189.6	189.8	189.7	189.2	188.1	186.5
50°	203.7	203.9	203.7	202.9	203.7	203.9	203.7	202.9	201.5	199.7	197.4
47.5°	220.3	220.4	220.1	219.3	220.1	220.4	220.3	219.4	217.5	214.7	211.3
45°	241.3	242.5	242.8	242.2	242.8	242.5	241.3	239.4	236.8	233.1	228.1
42.5°	269.8	271.6	272.2	271.6	272.2	271.6	269.8	266.3	261.9	256.3	250.5
40°	307.1	309.2	309.6	309.3	309.6	309.2	307.1	302.5	295.0	285.6	276.8
37.5°	358.7	363.8	366.3	366.5	366.3	363.8	358.7	350.6	339.1	324.0	311.2
35°	434.8	445.1	450.6	453.3	450.6	445.1	434.8	420.0	400.6	378.2	358.0
32.5°	553.6	574.2	585.6	584.2	585.6	574.2	553.6	526.6	490.9	455.4	423.0
30°	747.6	783.6	801.7	796.9	801.7	783.6	747.6	697.0	629.8	574.1	516.5
27.5°	1057.6	1122.6	1160.2	1155.3	1160.2	1122.6	1057.6	969.0	845.7	758.1	652.3
25°	1557.0	1675.7	1751.7	1732.9	1751.7	1675.7	1557.0	1396.7	1204.9	1041.4	855.2
22.5°	2316.8	2517.9	2650.9	2634.5	2650.9	2517.9	2316.8	2038.8	1748.9	1457.5	1182.9
20°	3359.0	3665.1	3883.5	3912.5	3883.5	3665.1	3359.0	2927.1	2501.3	2020.3	1628.1
17.5°	4725.1	5210.3	5548.1	5604.5	5548.1	5210.3	4725.1	4061.9	3447.9	2756.4	2147.9
15°	6500.5	7293.6	7867.6	7915.0	7867.6	7293.6	6500.5	5527.1	4584.9	3656.2	2741.8
12.5°	8911.3	10506.5	11547.6	12005.9	11547.6	10506.5	8911.3	7386.9	5868.4	4580.1	3438.2
10°	12247.7	15911.7	18258.3	19140.4	18258.3	15911.7	12247.7	9779.9	7428.2	5574.8	4101.2
7.5°	17820.5	23573.1	29968.5	32694.3	29968.5	23573.1	17820.5	12374.6	9147.1	6699.7	4827.2
5°	24131.3	36070.2	47426.3	51860.8	47426.3	36070.2	24131.3	16527.9	11062.6	7601.2	5342.1
2.5°	30771.9	47413.0	63007.0	69105.4	63007.0	47413.0	30771.9	19199.3	12246.4	8185.4	5731.4
0°	33365.1	52379.5	69536.6	76374.9	69536.6	52379.5	33365.1	19668.9	12523.0	8446.8	5908.9
-2.5°	30771.9	47413.0	63007.0	69105.4	63007.0	47413.0	30771.9	19199.3	12246.4	8185.4	5731.4
-5°	24131.3	36070.2	47426.3	51860.8	47426.3	36070.2	24131.3	16527.9	11062.6	7601.2	5342.1
-7.5°	17820.5	23573.1	29968.5	32694.3	29968.5	23573.1	17820.5	12374.6	9147.1	6699.7	4827.2
-10°	12247.7	15911.7	18258.3	19140.4	18258.3	15911.7	12247.7	9779.9	7428.2	5574.8	4101.2
-12.5°	8911.3	10506.5	11547.6	12005.9	11547.6	10506.5	8911.3	7386.9	5868.4	4580.1	3438.2
-15°	6500.5	7293.6	7867.6	7915.0	7867.6	7293.6	6500.5	5527.1	4584.9	3656.2	2741.8
-17.5°	4725.1	5210.3	5548.1	5604.5	5548.1	5210.3	4725.1	4061.9	3447.9	2756.4	2147.9
-20°	3359.0	3665.1	3883.5	3912.5	3883.5	3665.1	3359.0	2927.1	2501.3	2020.3	1628.1



REPORT NUMBER: P626809 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA1E-740-U-NR-XX

CANDELA DISTRIBUTION (continued):

	-7.5°	-5°	-2.5°	0°	2.5°	5°	7.5°	10°	12.5°	15°	17.5°
-22.5°	2316.8	2517.9	2650.9	2634.5	2650.9	2517.9	2316.8	2038.8	1748.9	1457.5	1182.9
-25°	1557.0	1675.7	1751.7	1732.9	1751.7	1675.7	1557.0	1396.7	1204.9	1041.4	855.2
-27.5°	1057.6	1122.6	1160.2	1155.3	1160.2	1122.6	1057.6	969.0	845.7	758.1	652.3
-30°	747.6	783.6	801.7	796.9	801.7	783.6	747.6	697.0	629.8	574.1	516.5
-32.5°	553.6	574.2	585.6	584.2	585.6	574.2	553.6	526.6	490.9	455.4	423.0
-35°	434.8	445.1	450.6	453.3	450.6	445.1	434.8	420.0	400.6	378.2	358.0
-37.5°	358.7	363.8	366.3	366.5	366.3	363.8	358.7	350.6	339.1	324.0	311.2
-40°	307.1	309.2	309.6	309.3	309.6	309.2	307.1	302.5	295.0	285.6	276.8
-42.5°	269.8	271.6	272.2	271.6	272.2	271.6	269.8	266.3	261.9	256.3	250.5
-45°	241.3	242.5	242.8	242.2	242.8	242.5	241.3	239.4	236.8	233.1	228.1
-47.5°	220.3	220.4	220.1	219.3	220.1	220.4	220.3	219.4	217.5	214.7	211.3
-50°	203.7	203.9	203.7	202.9	203.7	203.9	203.7	202.9	201.5	199.7	197.4
-52.5°	189.8	189.6	189.6	189.8	189.6	189.6	189.8	189.7	189.2	188.1	186.5
-55°	180.0	179.8	179.2	178.4	179.2	179.8	180.0	180.0	179.6	178.5	177.1
-57.5°	170.0	169.9	169.3	168.5	169.3	169.9	170.0	169.9	169.4	168.5	167.3
-60°	158.4	158.3	157.9	157.1	157.9	158.3	158.4	158.2	157.7	156.8	155.7
-62.5°	145.1	145.1	144.7	144.0	144.7	145.1	145.1	144.7	144.0	143.0	141.8
-65°	129.0	128.9	129.1	129.3	129.1	128.9	129.0	128.8	128.4	127.7	126.7
-67.5°	114.3	114.1	113.6	112.9	113.6	114.1	114.3	114.2	113.7	112.7	111.3
-70°	99.2	99.3	98.9	98.2	98.9	99.3	99.2	98.8	98.2	97.5	96.4
-72.5°	83.5	83.2	83.4	83.5	83.4	83.2	83.5	83.6	83.6	83.2	82.3
-75°	68.8	68.4	68.6	68.7	68.6	68.4	68.8	69.1	69.2	69.0	68.3
-77.5°	54.2	53.8	53.1	52.4	53.1	53.8	54.2	54.5	54.6	54.5	53.9
-80°	39.3	39.1	38.4	37.6	38.4	39.1	39.3	39.3	39.3	39.1	38.8
-82.5°	26.3	26.1	26.2	26.2	26.2	26.1	26.3	26.5	26.6	26.6	26.2
-85°	15.0	14.6	14.7	14.7	14.7	14.6	15.0	15.3	15.5	15.7	15.5
-87.5°	5.3	4.9	4.9	4.9	4.9	4.9	5.3	5.6	6.0	6.3	6.2
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



REPORT NUMBER: P626809 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA1E-740-U-NR-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°	6.1	6.0	5.9	5.8	5.6	5.5	5.3	5.2	5.0	4.8	4.6
85°	15.2	14.9	14.5	14.2	13.7	13.3	12.8	12.0	11.3	10.6	9.9
82.5°	25.7	25.2	24.6	23.9	23.2	22.4	21.6	20.4	19.1	17.7	16.3
80°	38.3	37.7	36.9	35.6	34.2	32.8	31.4	30.0	28.6	27.1	25.5
77.5°	53.2	52.2	51.0	48.8	46.6	44.3	42.1	40.3	38.5	36.6	34.6
75°	67.5	66.5	65.0	62.7	60.0	56.9	54.1	51.8	49.3	46.8	44.1
72.5°	81.3	80.0	78.5	76.5	74.2	71.4	68.0	64.3	60.8	57.5	54.3
70°	95.1	93.6	92.0	90.1	87.7	85.1	81.7	77.5	72.8	68.3	64.8
67.5°	109.6	107.6	105.9	104.2	102.1	99.4	95.5	91.3	86.6	81.3	76.4
65°	125.1	122.9	120.7	118.7	116.4	113.8	109.8	105.0	100.0	94.7	89.2
62.5°	140.5	139.0	136.5	133.6	130.6	127.3	123.5	118.9	113.5	107.3	101.2
60°	154.2	152.4	149.6	146.7	143.8	140.1	135.3	131.1	127.4	120.5	113.2
57.5°	166.1	163.9	160.6	157.5	154.6	150.3	145.4	140.6	135.9	131.1	124.8
55°	175.4	173.1	170.1	166.6	162.7	158.7	154.2	149.1	144.1	139.7	133.9
52.5°	184.4	182.1	179.3	175.9	171.8	167.1	162.2	157.1	152.4	147.8	142.6
50°	194.9	192.0	188.8	185.3	180.8	175.8	170.6	165.0	160.2	155.5	150.6
47.5°	207.8	203.7	199.1	194.8	189.9	184.4	178.8	173.3	168.0	162.5	157.5
45°	223.3	217.6	211.6	205.9	199.5	193.5	187.0	181.3	175.6	169.7	163.6
42.5°	242.9	234.4	226.5	218.8	210.8	203.6	196.2	189.5	183.1	176.8	170.2
40°	267.0	255.5	245.2	233.7	223.9	214.5	206.0	197.6	190.5	183.7	176.5
37.5°	296.5	281.6	267.4	252.6	239.5	227.1	216.5	206.9	197.7	190.2	182.5
35°	334.4	314.0	293.7	275.2	257.6	242.3	228.1	216.5	206.0	196.4	188.3
32.5°	385.5	356.7	325.8	302.1	278.8	258.7	241.9	227.1	214.5	203.6	193.9
30°	460.7	413.4	370.9	333.2	304.0	278.0	256.0	238.9	223.9	210.8	199.5
27.5°	568.5	487.1	429.7	374.3	331.5	300.1	273.5	251.1	233.5	218.8	205.8
25°	721.3	597.7	498.1	425.8	367.6	322.9	291.7	265.7	244.2	226.4	210.8
22.5°	930.8	743.7	590.7	481.1	409.2	353.7	311.5	280.2	253.9	233.2	216.2
20°	1238.9	917.7	710.6	560.1	455.9	383.2	332.2	295.3	264.9	240.2	220.9
17.5°	1604.6	1159.0	841.7	640.9	510.7	421.0	356.1	309.2	274.9	246.2	224.7
15°	1994.4	1432.4	1024.9	748.8	566.6	453.4	376.0	321.5	284.4	253.0	229.4
12.5°	2492.1	1727.3	1185.7	838.8	621.6	488.7	399.1	337.1	293.8	260.2	234.3
10°	2962.9	2034.7	1381.3	957.4	688.5	523.3	419.7	349.0	301.0	265.9	238.3
7.5°	3407.8	2330.3	1550.4	1047.7	740.1	550.8	434.9	357.7	306.2	269.9	241.4
5°	3733.8	2550.3	1682.8	1117.3	776.7	570.7	444.8	363.1	309.2	272.3	243.5
2.5°	3981.8	2696.1	1763.3	1158.2	797.5	582.5	450.7	367.2	312.2	274.2	245.8
0°	4095.8	2752.3	1790.2	1179.8	810.0	585.8	453.3	369.8	314.2	274.9	247.1
-2.5°	3981.8	2696.1	1763.3	1158.2	797.5	582.5	450.7	367.2	312.2	274.2	245.8
-5°	3733.8	2550.3	1682.8	1117.3	776.7	570.7	444.8	363.1	309.2	272.3	243.5
-7.5°	3407.8	2330.3	1550.4	1047.7	740.1	550.8	434.9	357.7	306.2	269.9	241.4
-10°	2962.9	2034.7	1381.3	957.4	688.5	523.3	419.7	349.0	301.0	265.9	238.3
-12.5°	2492.1	1727.3	1185.7	838.8	621.6	488.7	399.1	337.1	293.8	260.2	234.3
-15°	1994.4	1432.4	1024.9	748.8	566.6	453.4	376.0	321.5	284.4	253.0	229.4
-17.5°	1604.6	1159.0	841.7	640.9	510.7	421.0	356.1	309.2	274.9	246.2	224.7
-20°	1238.9	917.7	710.6	560.1	455.9	383.2	332.2	295.3	264.9	240.2	220.9

Classified

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

Scaled Data Report



REPORT NUMBER: P626809 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA1E-740-U-NR-XX

CANDELA DISTRIBUTION (continued):

	20°	22.5°	25°	27.5°	30°	32.5°	35°	37.5°	40°	42.5°	45°
-22.5°	930.8	743.7	590.7	481.1	409.2	353.7	311.5	280.2	253.9	233.2	216.2
-25°	721.3	597.7	498.1	425.8	367.6	322.9	291.7	265.7	244.2	226.4	210.8
-27.5°	568.5	487.1	429.7	374.3	331.5	300.1	273.5	251.1	233.5	218.8	205.8
-30°	460.7	413.4	370.9	333.2	304.0	278.0	256.0	238.9	223.9	210.8	199.5
-32.5°	385.5	356.7	325.8	302.1	278.8	258.7	241.9	227.1	214.5	203.6	193.9
-35°	334.4	314.0	293.7	275.2	257.6	242.3	228.1	216.5	206.0	196.4	188.3
-37.5°	296.5	281.6	267.4	252.6	239.5	227.1	216.5	206.9	197.7	190.2	182.5
-40°	267.0	255.5	245.2	233.7	223.9	214.5	206.0	197.6	190.5	183.7	176.5
-42.5°	242.9	234.4	226.5	218.8	210.8	203.6	196.2	189.5	183.1	176.8	170.2
-45°	223.3	217.6	211.6	205.9	199.5	193.5	187.0	181.3	175.6	169.7	163.6
-47.5°	207.8	203.7	199.1	194.8	189.9	184.4	178.8	173.3	168.0	162.5	157.5
-50°	194.9	192.0	188.8	185.3	180.8	175.8	170.6	165.0	160.2	155.5	150.6
-52.5°	184.4	182.1	179.3	175.9	171.8	167.1	162.2	157.1	152.4	147.8	142.6
-55°	175.4	173.1	170.1	166.6	162.7	158.7	154.2	149.1	144.1	139.7	133.9
-57.5°	166.1	163.9	160.6	157.5	154.6	150.3	145.4	140.6	135.9	131.1	124.8
-60°	154.2	152.4	149.6	146.7	143.8	140.1	135.3	131.1	127.4	120.5	113.2
-62.5°	140.5	139.0	136.5	133.6	130.6	127.3	123.5	118.9	113.5	107.3	101.2
-65°	125.1	122.9	120.7	118.7	116.4	113.8	109.8	105.0	100.0	94.7	89.2
-67.5°	109.6	107.6	105.9	104.2	102.1	99.4	95.5	91.3	86.6	81.3	76.4
-70°	95.1	93.6	92.0	90.1	87.7	85.1	81.7	77.5	72.8	68.3	64.8
-72.5°	81.3	80.0	78.5	76.5	74.2	71.4	68.0	64.3	60.8	57.5	54.3
-75°	67.5	66.5	65.0	62.7	60.0	56.9	54.1	51.8	49.3	46.8	44.1
-77.5°	53.2	52.2	51.0	48.8	46.6	44.3	42.1	40.3	38.5	36.6	34.6
-80°	38.3	37.7	36.9	35.6	34.2	32.8	31.4	30.0	28.6	27.1	25.5
-82.5°	25.7	25.2	24.6	23.9	23.2	22.4	21.6	20.4	19.1	17.7	16.3
-85°	15.2	14.9	14.5	14.2	13.7	13.3	12.8	12.0	11.3	10.6	9.9
-87.5°	6.1	6.0	5.9	5.8	5.6	5.5	5.3	5.2	5.0	4.8	4.6
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



REPORT NUMBER: P626809 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA1E-740-U-NR-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°	4.4	4.2	4.0	3.7	3.5	3.2	3.0	2.7	2.5	2.2	2.0
85°	9.5	9.1	8.6	7.9	7.2	6.5	6.0	5.5	5.0	4.4	3.9
82.5°	15.5	14.9	14.3	13.6	12.5	11.4	10.3	9.1	7.9	6.7	5.8
80°	24.0	22.5	21.1	19.7	18.0	16.3	14.8	13.3	11.7	10.1	8.5
77.5°	32.6	30.4	28.2	26.1	24.1	21.9	19.8	17.5	15.4	13.4	11.4
75°	41.3	38.7	36.0	33.2	30.4	27.5	24.9	22.2	19.5	16.8	14.3
72.5°	51.0	47.6	44.1	40.5	37.2	33.8	30.3	26.9	23.7	20.5	17.3
70°	61.2	57.0	52.8	48.8	44.5	40.1	36.1	32.0	27.9	24.2	20.5
67.5°	71.8	67.5	62.6	57.2	52.4	47.4	42.1	37.3	32.6	27.9	23.7
65°	83.5	78.1	72.9	66.8	60.7	54.9	49.1	42.8	37.3	32.0	26.9
62.5°	94.9	88.4	82.2	75.9	69.3	62.6	56.0	48.9	42.0	36.1	30.3
60°	106.1	99.0	91.3	84.1	77.2	70.1	62.7	54.9	47.3	40.1	33.8
57.5°	116.9	109.3	100.7	92.3	84.5	77.1	69.1	60.6	52.4	44.4	37.2
55°	126.8	118.5	109.5	100.3	91.6	83.5	75.2	66.2	57.3	48.8	40.5
52.5°	136.0	127.3	117.7	108.0	98.4	89.6	80.8	71.5	62.1	52.9	44.0
50°	144.6	136.0	125.8	115.4	104.9	95.6	86.4	76.7	66.6	56.9	47.4
47.5°	152.0	143.8	134.0	122.7	111.6	101.6	91.9	81.7	70.9	60.7	50.7
45°	158.0	151.1	141.6	130.3	118.4	107.7	97.2	86.5	75.3	64.4	53.9
42.5°	163.6	157.2	148.6	137.7	125.3	113.8	102.5	91.3	79.6	67.9	57.0
40°	169.4	162.5	155.1	144.1	131.8	119.6	107.8	95.9	83.7	71.3	59.9
37.5°	174.7	167.6	160.1	150.1	137.7	125.1	112.9	100.4	87.6	74.7	62.6
35°	180.1	172.2	164.5	154.8	142.8	130.1	117.7	104.8	91.2	77.9	65.2
32.5°	185.3	176.4	168.1	158.6	147.4	134.6	122.0	108.5	94.6	80.8	67.7
30°	190.0	180.4	171.6	162.3	151.4	138.5	125.6	111.9	97.8	83.5	70.0
27.5°	193.8	183.7	174.9	165.5	154.5	142.0	128.8	115.0	100.7	86.0	72.1
25°	197.6	186.7	177.6	168.4	157.5	145.5	131.8	117.7	103.3	88.3	74.1
22.5°	201.8	189.6	179.6	171.2	160.6	149.0	134.6	120.1	105.5	90.4	75.8
20°	205.5	192.0	181.2	173.4	163.0	151.5	137.3	122.2	107.4	92.3	77.4
17.5°	208.8	194.6	183.2	174.6	164.9	153.7	139.7	124.1	109.0	93.9	78.7
15°	212.2	197.4	185.1	175.7	166.4	155.6	142.0	125.7	110.3	95.3	79.8
12.5°	215.2	199.6	186.5	176.5	167.6	157.0	144.0	127.0	111.3	96.5	80.9
10°	217.7	201.3	187.6	177.0	168.4	158.2	145.7	128.3	112.3	97.3	81.8
7.5°	219.6	202.5	188.3	177.3	169.0	159.1	147.1	129.8	113.3	98.0	82.5
5°	221.1	203.4	189.4	178.4	169.7	159.8	148.1	131.1	113.9	98.3	83.1
2.5°	222.1	204.2	190.7	179.3	170.1	160.3	148.7	131.9	114.4	98.4	83.4
0°	222.5	204.5	191.5	180.0	170.2	160.4	148.9	132.5	114.5	98.2	83.5
-2.5°	222.1	204.2	190.7	179.3	170.1	160.3	148.7	131.9	114.4	98.4	83.4
-5°	221.1	203.4	189.4	178.4	169.7	159.8	148.1	131.1	113.9	98.3	83.1
-7.5°	219.6	202.5	188.3	177.3	169.0	159.1	147.1	129.8	113.3	98.0	82.5
-10°	217.7	201.3	187.6	177.0	168.4	158.2	145.7	128.3	112.3	97.3	81.8
-12.5°	215.2	199.6	186.5	176.5	167.6	157.0	144.0	127.0	111.3	96.5	80.9
-15°	212.2	197.4	185.1	175.7	166.4	155.6	142.0	125.7	110.3	95.3	79.8
-17.5°	208.8	194.6	183.2	174.6	164.9	153.7	139.7	124.1	109.0	93.9	78.7
-20°	205.5	192.0	181.2	173.4	163.0	151.5	137.3	122.2	107.4	92.3	77.4

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Scaled Data Report



REPORT NUMBER: P626809 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA1E-740-U-NR-XX

CANDELA DISTRIBUTION (continued):

	47.5°	50°	52.5°	55°	57.5°	60°	62.5°	65°	67.5°	70°	72.5°
-22.5°	201.8	189.6	179.6	171.2	160.6	149.0	134.6	120.1	105.5	90.4	75.8
-25°	197.6	186.7	177.6	168.4	157.5	145.5	131.8	117.7	103.3	88.3	74.1
-27.5°	193.8	183.7	174.9	165.5	154.5	142.0	128.8	115.0	100.7	86.0	72.1
-30°	190.0	180.4	171.6	162.3	151.4	138.5	125.6	111.9	97.8	83.5	70.0
-32.5°	185.3	176.4	168.1	158.6	147.4	134.6	122.0	108.5	94.6	80.8	67.7
-35°	180.1	172.2	164.5	154.8	142.8	130.1	117.7	104.8	91.2	77.9	65.2
-37.5°	174.7	167.6	160.1	150.1	137.7	125.1	112.9	100.4	87.6	74.7	62.6
-40°	169.4	162.5	155.1	144.1	131.8	119.6	107.8	95.9	83.7	71.3	59.9
-42.5°	163.6	157.2	148.6	137.7	125.3	113.8	102.5	91.3	79.6	67.9	57.0
-45°	158.0	151.1	141.6	130.3	118.4	107.7	97.2	86.5	75.3	64.4	53.9
-47.5°	152.0	143.8	134.0	122.7	111.6	101.6	91.9	81.7	70.9	60.7	50.7
-50°	144.6	136.0	125.8	115.4	104.9	95.6	86.4	76.7	66.6	56.9	47.4
-52.5°	136.0	127.3	117.7	108.0	98.4	89.6	80.8	71.5	62.1	52.9	44.0
-55°	126.8	118.5	109.5	100.3	91.6	83.5	75.2	66.2	57.3	48.8	40.5
-57.5°	116.9	109.3	100.7	92.3	84.5	77.1	69.1	60.6	52.4	44.4	37.2
-60°	106.1	99.0	91.3	84.1	77.2	70.1	62.7	54.9	47.3	40.1	33.8
-62.5°	94.9	88.4	82.2	75.9	69.3	62.6	56.0	48.9	42.0	36.1	30.3
-65°	83.5	78.1	72.9	66.8	60.7	54.9	49.1	42.8	37.3	32.0	26.9
-67.5°	71.8	67.5	62.6	57.2	52.4	47.4	42.1	37.3	32.6	27.9	23.7
-70°	61.2	57.0	52.8	48.8	44.5	40.1	36.1	32.0	27.9	24.2	20.5
-72.5°	51.0	47.6	44.1	40.5	37.2	33.8	30.3	26.9	23.7	20.5	17.3
-75°	41.3	38.7	36.0	33.2	30.4	27.5	24.9	22.2	19.5	16.8	14.3
-77.5°	32.6	30.4	28.2	26.1	24.1	21.9	19.8	17.5	15.4	13.4	11.4
-80°	24.0	22.5	21.1	19.7	18.0	16.3	14.8	13.3	11.7	10.1	8.5
-82.5°	15.5	14.9	14.3	13.6	12.5	11.4	10.3	9.1	7.9	6.7	5.8
-85°	9.5	9.1	8.6	7.9	7.2	6.5	6.0	5.5	5.0	4.4	3.9
-87.5°	4.4	4.2	4.0	3.7	3.5	3.2	3.0	2.7	2.5	2.2	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-SA1E-740-U-NR-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°	1.7	1.4	1.1	0.8	0.6	0.2	0.0
85°	3.4	2.8	2.3	1.7	1.1	0.5	0.0
82.5°	5.0	4.2	3.4	2.5	1.7	0.7	0.0
80°	6.8	5.6	4.5	3.4	2.2	1.0	0.0
77.5°	9.3	7.2	5.6	4.2	2.8	1.2	0.0
75°	11.8	9.2	6.8	5.0	3.3	1.5	0.0
72.5°	14.2	11.1	8.3	5.8	3.9	1.7	0.0
70°	16.6	13.0	9.7	6.7	4.4	1.9	0.0
67.5°	19.3	14.9	11.2	7.7	4.9	2.2	0.0
65°	22.0	16.9	12.6	8.8	5.4	2.4	0.0
62.5°	24.6	19.1	13.9	9.7	5.8	2.6	0.0
60°	27.2	21.2	15.3	10.7	6.3	2.8	0.0
57.5°	30.0	23.3	16.9	11.6	6.9	3.0	0.0
55°	32.8	25.4	18.5	12.5	7.5	3.2	0.0
52.5°	35.5	27.4	20.1	13.4	8.0	3.4	0.0
50°	38.1	29.5	21.6	14.2	8.6	3.5	0.0
47.5°	40.7	31.6	23.1	15.1	9.1	3.7	0.0
45°	43.4	33.7	24.5	16.1	9.6	3.9	0.0
42.5°	46.0	35.6	25.8	17.1	10.1	4.0	0.0
40°	48.5	37.4	27.2	18.1	10.6	4.1	0.0
37.5°	50.9	39.1	28.6	19.0	11.0	4.3	0.0
35°	53.1	40.9	29.9	19.9	11.5	4.4	0.0
32.5°	55.1	42.6	31.1	20.8	11.9	4.5	0.0
30°	57.1	44.2	32.2	21.6	12.3	4.6	0.0
27.5°	58.9	45.7	33.3	22.3	12.6	4.7	0.0
25°	60.5	47.1	34.3	23.0	13.0	4.7	0.0
22.5°	62.0	48.3	35.3	23.6	13.3	4.8	0.0
20°	63.3	49.4	36.1	24.1	13.6	4.9	0.0
17.5°	64.4	50.3	36.9	24.6	13.8	4.9	0.0
15°	65.3	51.0	37.5	25.0	14.1	4.9	0.0
12.5°	66.0	51.6	38.0	25.4	14.3	5.0	0.0
10°	66.6	52.0	38.5	25.7	14.4	5.0	0.0
7.5°	67.0	52.3	38.8	25.9	14.5	5.0	0.0
5°	67.2	52.5	39.1	26.1	14.6	5.0	0.0
2.5°	67.2	52.5	39.2	26.2	14.7	4.9	0.0
0°	67.1	52.4	39.3	26.2	14.7	4.9	0.0
-2.5°	67.2	52.5	39.2	26.2	14.7	4.9	0.0
-5°	67.2	52.5	39.1	26.1	14.6	5.0	0.0
-7.5°	67.0	52.3	38.8	25.9	14.5	5.0	0.0
-10°	66.6	52.0	38.5	25.7	14.4	5.0	0.0
-12.5°	66.0	51.6	38.0	25.4	14.3	5.0	0.0
-15°	65.3	51.0	37.5	25.0	14.1	4.9	0.0
-17.5°	64.4	50.3	36.9	24.6	13.8	4.9	0.0
-20°	63.3	49.4	36.1	24.1	13.6	4.9	0.0

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CANDELA DISTRIBUTION (continued):

	75°	77.5°	80°	82.5°	85°	87.5°	90°
-22.5°	62.0	48.3	35.3	23.6	13.3	4.8	0.0
-25°	60.5	47.1	34.3	23.0	13.0	4.7	0.0
-27.5°	58.9	45.7	33.3	22.3	12.6	4.7	0.0
-30°	57.1	44.2	32.2	21.6	12.3	4.6	0.0
-32.5°	55.1	42.6	31.1	20.8	11.9	4.5	0.0
-35°	53.1	40.9	29.9	19.9	11.5	4.4	0.0
-37.5°	50.9	39.1	28.6	19.0	11.0	4.3	0.0
-40°	48.5	37.4	27.2	18.1	10.6	4.1	0.0
-42.5°	46.0	35.6	25.8	17.1	10.1	4.0	0.0
-45°	43.4	33.7	24.5	16.1	9.6	3.9	0.0
-47.5°	40.7	31.6	23.1	15.1	9.1	3.7	0.0
-50°	38.1	29.5	21.6	14.2	8.6	3.5	0.0
-52.5°	35.5	27.4	20.1	13.4	8.0	3.4	0.0
-55°	32.8	25.4	18.5	12.5	7.5	3.2	0.0
-57.5°	30.0	23.3	16.9	11.6	6.9	3.0	0.0
-60°	27.2	21.2	15.3	10.7	6.3	2.8	0.0
-62.5°	24.6	19.1	13.9	9.7	5.8	2.6	0.0
-65°	22.0	16.9	12.6	8.8	5.4	2.4	0.0
-67.5°	19.3	14.9	11.2	7.7	4.9	2.2	0.0
-70°	16.6	13.0	9.7	6.7	4.4	1.9	0.0
-72.5°	14.2	11.1	8.3	5.8	3.9	1.7	0.0
-75°	11.8	9.2	6.8	5.0	3.3	1.5	0.0
-77.5°	9.3	7.2	5.6	4.2	2.8	1.2	0.0
-80°	6.8	5.6	4.5	3.4	2.2	1.0	0.0
-82.5°	5.0	4.2	3.4	2.5	1.7	0.7	0.0
-85°	3.4	2.8	2.3	1.7	1.1	0.5	0.0
-87.5°	1.7	1.4	1.1	0.8	0.6	0.2	0.0
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0

(END OF REPORT)