

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: P626785 (CONVERTED FROM TYPE C PHOTOMETRY)

Luminaire Tested: **GFLD-SA1E-730-U-MR-XX**

Issue Date: 12/7/2022

Test Information

Test Method: LM-79-08
Report Number: P626785 (CONVERTED FROM TYPE C PHOTOMETRY)
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G2-2210-813-13)
Test Lab: COOPER LIGHTING SOLUTIONS
Issue Date: 12/7/2022
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: MCGRAW-EDISON
Catalog Number: GFLD-SA1E-730-U-MR-XX
Description: GALLEON FLOOD, ONE LIGHT SQAURE, MEDIUM SYMMETRICAL ROUND N18
Light Source: (16) 3000K CCT, 70 CRI LEDS
Ballast/Driver: -

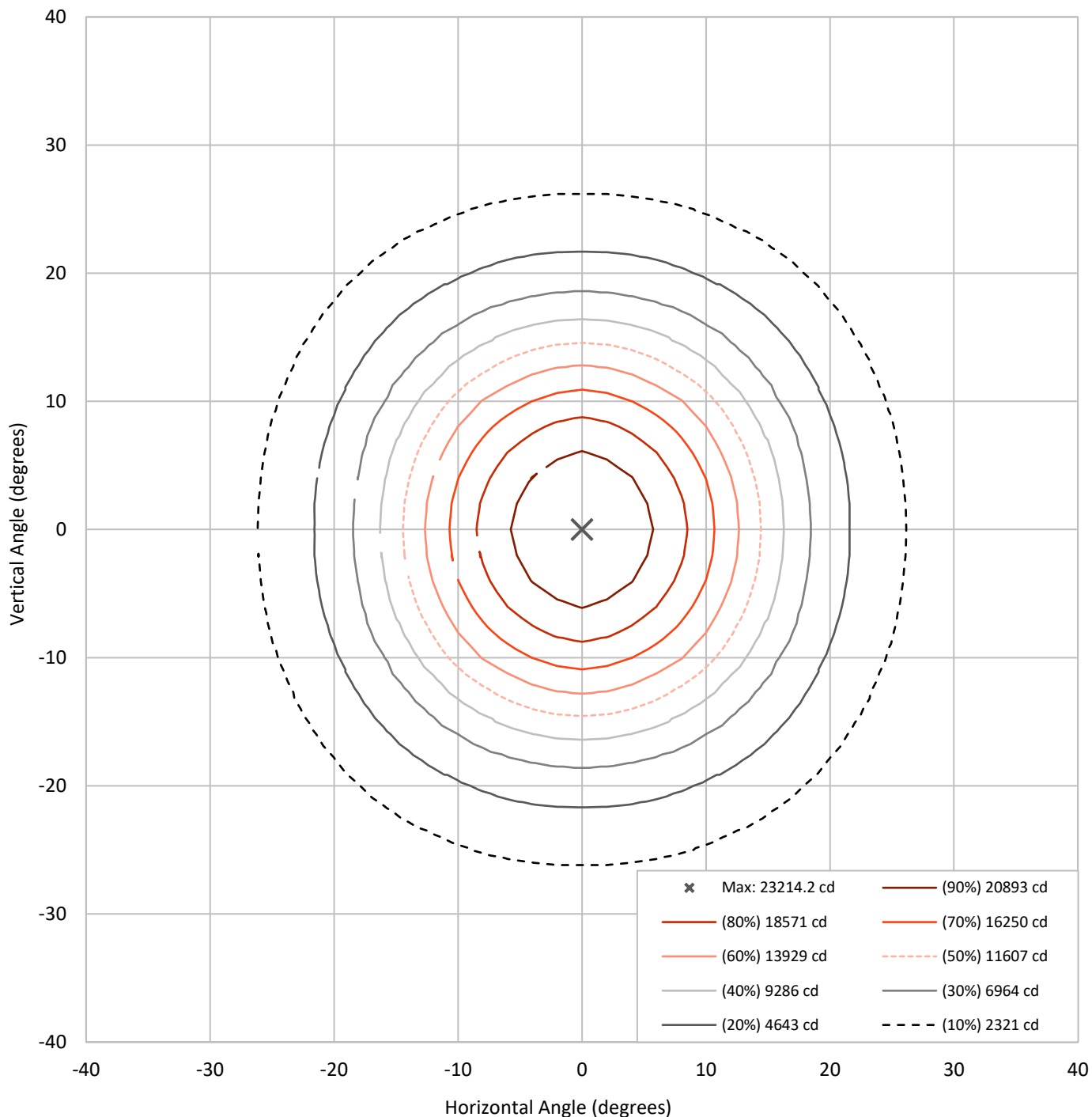
Summary

Lumens per Lamp:	N/A	NEMA Type:	4H x 4V
Luminaire Lumens:	7252.9 lumens	Max Intensity:	23214.2 candela
Efficiency:	N/A	Max Intensity Angle:	0°H x 0°V
Efficacy:	109.6 lumens/watt		
Luminous Opening:	Rectangular (W 0.5' x L: 0.5' x H: 0')		
Beam Angle (50%):	28.8°H x 29°V	Field Angle (10%):	52.3°H x 52.3°V
Beam Lumens:	3526.3 lumens	Field Lumens:	5950.9 lumens
Beam Efficiency:	48.6%	Field Efficiency:	82.0%
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





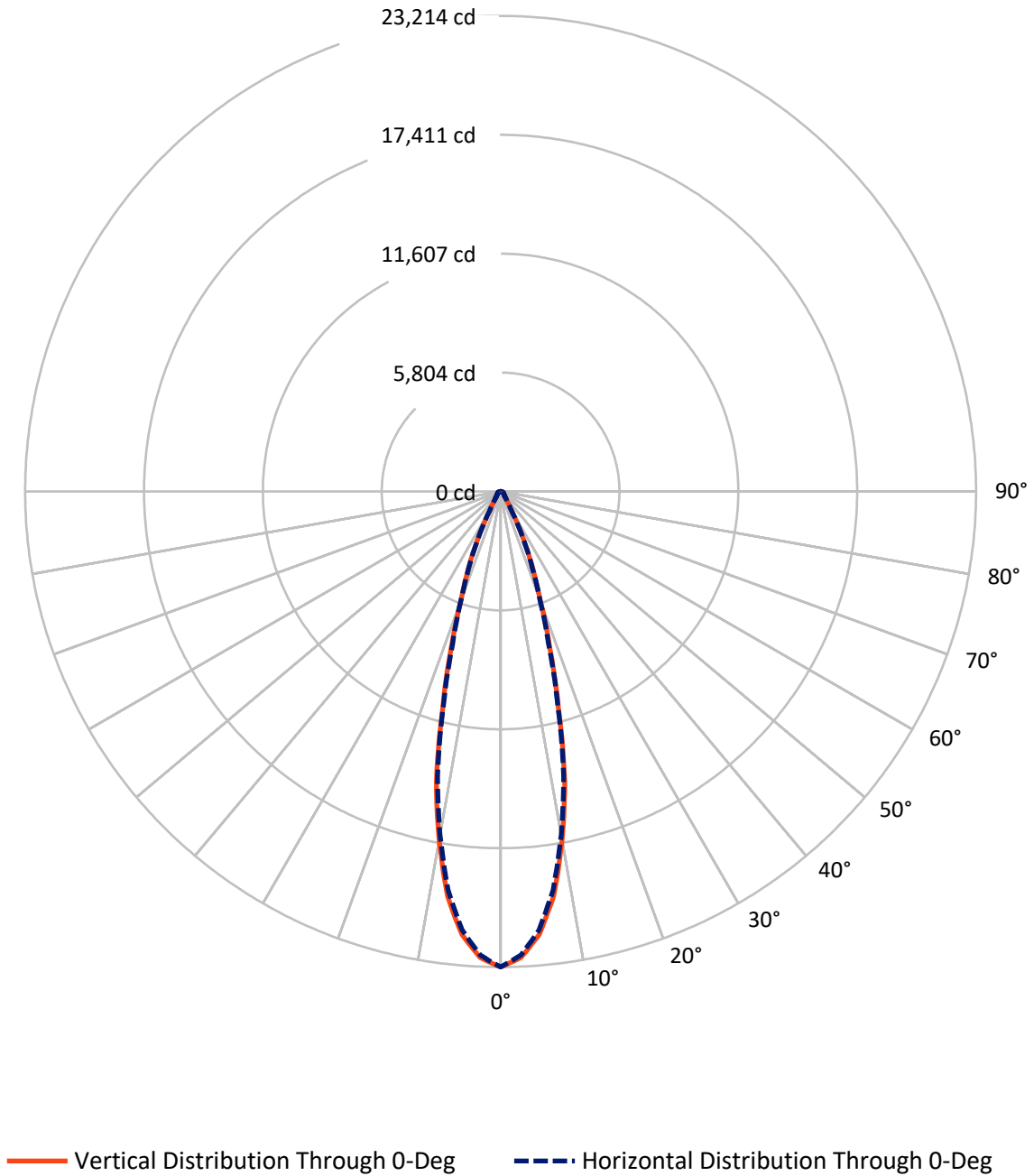
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Lumen Table

90	0.1	1.2		3.2		5.0		5.5		5.0		3.2		1.2		0.1			
80	0.1	1.2		3.2		5.0		5.5		5.0		3.2		1.2		0.1			
70	0.5	0.6	1.3	2.0	2.9	3.5	3.9	4.1	4.1	3.9	3.5	2.9	2.0	1.3	0.6	0.5			
60		0.9	1.9	3.0	4.1	5.0	5.6	5.8	5.8	5.6	5.0	4.1	3.0	1.9	0.9				
50	1.0	1.2	2.4	3.7	5.0	6.3	7.4	7.9	7.9	7.4	6.3	5.0	3.7	2.4	1.2	1.0			
40		1.4	2.8	4.3	6.1	8.7	12.6	16.3	16.3	12.6	8.7	6.1	4.3	2.8	1.4				
30	1.2	1.6	3.1	4.9	7.8	17.0	47.7	84.7	84.7	47.7	17.0	7.8	4.9	3.1	1.6	1.2			
20		1.7	3.2	5.3	10.6	44.5	158.7	304.0	304.0	158.7	44.5	10.6	5.3	3.2	1.7				
10	1.3	1.7	3.3	5.6	13.5	76.8	293.7	577.6	577.6	293.7	76.8	13.5	5.6	3.3	1.7	1.3			
0		1.7	3.3	5.6	13.5	76.8	293.7	577.6	577.6	293.7	76.8	13.5	5.6	3.3	1.7				
-10	1.2	1.7	3.2	5.3	10.6	44.5	158.7	304.0	304.0	158.7	44.5	10.6	5.3	3.2	1.7	1.2			
-20		1.6	3.1	4.9	7.8	17.0	47.7	84.7	84.7	47.7	17.0	7.8	4.9	3.1	1.6				
-30	1.0	1.4	2.8	4.3	6.1	8.7	12.6	16.3	16.3	12.6	8.7	6.1	4.3	2.8	1.4	1.0			
-40		1.2	2.4	3.7	5.0	6.3	7.4	7.9	7.9	7.4	6.3	5.0	3.7	2.4	1.2				
-50	0.5	0.9	1.9	3.0	4.1	5.0	5.6	5.8	5.8	5.6	5.0	4.1	3.0	1.9	0.9	0.5			
-60		0.6	1.3	2.0	2.9	3.5	3.9	4.1	4.1	3.9	3.5	2.9	2.0	1.3	0.6				
-70	0.1	1.2		3.2		5.0		5.5		5.0		3.2		1.2		0.1			
-80		1.2		3.2		5.0		5.5		5.0		3.2		1.2					
-90	0.1	1.2		3.2		5.0		5.5		5.0		3.2		1.2		0.1			
	-90	-80	-70	-60	-50	-40	-30	-20	-10	0	10	20	30	40	50	60	70	80	90

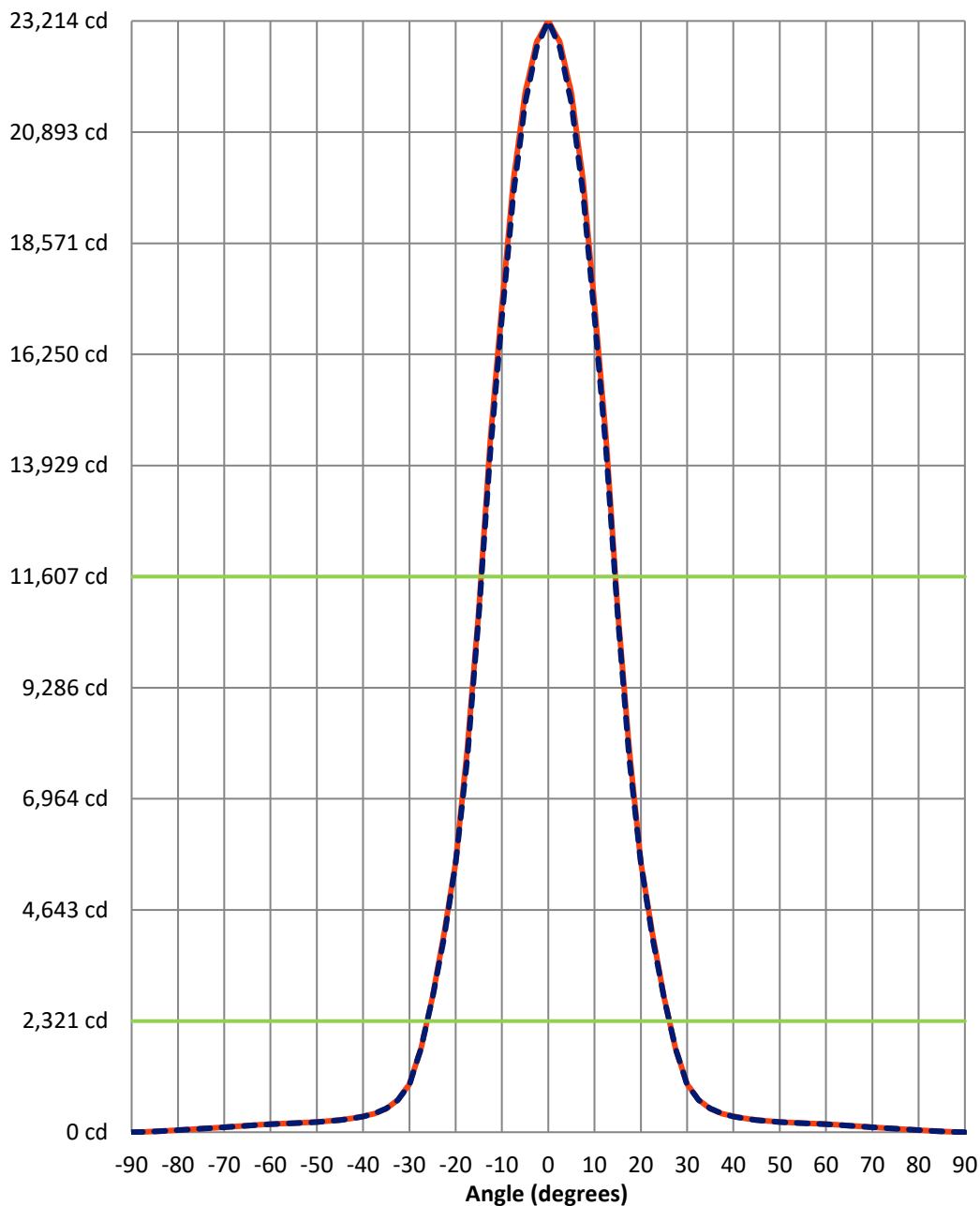
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Luminous Intensity Polar Plot



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Luminous Intensity Plot



Beam:
 H Angle: 28.8°
 V Angle: 29°
 Lumens: 3526.3
 Efficiency: 48.6%

Field:
 H Angle: 52.3°
 V Angle: 52.3°
 Lumens: 5950.9
 Efficiency: 82.0%

Spill:
 Lumens: 1302
 Efficiency: 18.0%

— 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	0.3	0.5	0.8	1.0	1.3	1.6	1.8	2.1	2.3	2.5
85°	0.0	0.5	1.0	1.6	2.1	2.6	3.1	3.6	4.1	4.6	5.1
82.5°	0.0	0.8	1.6	2.3	3.1	3.9	4.6	5.4	6.3	7.7	9.1
80°	0.0	1.0	2.1	3.1	4.1	5.2	6.3	8.1	10.0	12.0	14.1
77.5°	0.0	1.3	2.6	3.9	5.2	6.8	9.0	11.3	13.7	16.3	19.2
75°	0.0	1.6	3.1	4.6	6.3	9.0	11.6	14.4	17.5	21.1	24.6
72.5°	0.0	1.8	3.6	5.4	8.1	11.1	14.2	17.7	21.9	26.0	30.1
70°	0.0	2.1	4.1	6.2	9.8	13.3	16.8	21.5	26.2	30.9	35.9
67.5°	0.0	2.3	4.6	7.5	11.5	15.4	20.1	25.2	30.5	36.2	41.8
65°	0.0	2.5	5.1	8.8	13.1	17.7	23.3	28.9	35.1	41.4	47.7
62.5°	0.0	2.8	5.5	10.0	14.7	20.3	26.4	32.8	39.7	46.6	53.9
60°	0.0	3.0	6.0	11.2	16.3	22.9	29.5	36.7	44.2	51.8	59.8
57.5°	0.0	3.2	6.8	12.3	18.3	25.4	32.7	40.5	48.6	56.9	65.6
55°	0.0	3.4	7.5	13.5	20.2	27.8	35.8	44.2	52.9	61.9	71.4
52.5°	0.0	3.7	8.3	14.6	22.1	30.2	38.8	47.8	57.0	66.9	77.0
50°	0.0	3.9	9.0	15.6	24.0	32.6	41.8	51.3	61.1	71.8	82.2
47.5°	0.0	4.1	9.6	16.7	25.7	34.9	44.5	54.7	65.2	76.5	87.0
45°	0.0	4.2	10.3	18.0	27.4	37.1	47.3	57.9	69.3	80.6	91.7
42.5°	0.0	4.4	10.9	19.2	29.0	39.2	50.0	61.1	73.1	84.5	95.9
40°	0.0	4.6	11.5	20.3	30.6	41.1	52.5	64.3	76.6	88.2	99.9
37.5°	0.0	4.8	12.1	21.4	32.1	43.0	54.9	67.2	79.7	91.7	103.7
35°	0.0	4.9	12.6	22.4	33.5	44.8	57.1	69.9	82.6	95.0	107.3
32.5°	0.0	5.1	13.1	23.3	34.8	46.6	59.2	72.5	85.3	98.1	110.8
30°	0.0	5.2	13.6	24.2	36.0	48.2	61.3	74.8	87.9	101.0	114.0
27.5°	0.0	5.3	14.0	24.9	37.0	49.7	63.1	76.8	90.2	103.6	117.0
25°	0.0	5.4	14.4	25.6	38.0	51.1	64.8	78.6	92.3	106.0	119.7
22.5°	0.0	5.5	14.8	26.2	39.0	52.3	66.3	80.3	94.3	108.2	122.4
20°	0.0	5.6	15.1	26.8	39.8	53.4	67.6	81.8	96.0	110.1	124.8
17.5°	0.0	5.7	15.4	27.2	40.6	54.3	68.7	83.1	97.4	111.8	126.9
15°	0.0	5.8	15.7	27.6	41.3	55.1	69.8	84.2	98.7	113.2	128.7
12.5°	0.0	5.9	15.9	27.9	41.8	55.7	70.8	85.4	99.9	114.4	130.2
10°	0.0	5.9	16.1	28.1	42.3	56.2	71.5	86.3	100.9	115.8	131.6
7.5°	0.0	5.9	16.2	28.3	42.7	56.5	72.2	87.0	101.7	117.0	133.1
5°	0.0	6.0	16.3	28.4	43.0	56.7	72.6	87.5	102.3	118.0	134.2
2.5°	0.0	6.0	16.4	28.4	43.1	56.7	72.9	87.8	102.7	118.7	135.1
0°	0.0	6.0	16.4	28.3	43.2	56.6	73.0	87.9	102.8	119.2	135.6
-2.5°	0.0	6.0	16.4	28.4	43.1	56.7	72.9	87.8	102.7	118.7	135.1
-5°	0.0	6.0	16.3	28.4	43.0	56.7	72.6	87.5	102.3	118.0	134.2
-7.5°	0.0	5.9	16.2	28.3	42.7	56.5	72.2	87.0	101.7	117.0	133.1
-10°	0.0	5.9	16.1	28.1	42.3	56.2	71.5	86.3	100.9	115.8	131.6
-12.5°	0.0	5.9	15.9	27.9	41.8	55.7	70.8	85.4	99.9	114.4	130.2
-15°	0.0	5.8	15.7	27.6	41.3	55.1	69.8	84.2	98.7	113.2	128.7
-17.5°	0.0	5.7	15.4	27.2	40.6	54.3	68.7	83.1	97.4	111.8	126.9
-20°	0.0	5.6	15.1	26.8	39.8	53.4	67.6	81.8	96.0	110.1	124.8

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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	5.5	14.8	26.2	39.0	52.3	66.3	80.3	94.3	108.2	122.4
-25°	0.0	5.4	14.4	25.6	38.0	51.1	64.8	78.6	92.3	106.0	119.7
-27.5°	0.0	5.3	14.0	24.9	37.0	49.7	63.1	76.8	90.2	103.6	117.0
-30°	0.0	5.2	13.6	24.2	36.0	48.2	61.3	74.8	87.9	101.0	114.0
-32.5°	0.0	5.1	13.1	23.3	34.8	46.6	59.2	72.5	85.3	98.1	110.8
-35°	0.0	4.9	12.6	22.4	33.5	44.8	57.1	69.9	82.6	95.0	107.3
-37.5°	0.0	4.8	12.1	21.4	32.1	43.0	54.9	67.2	79.7	91.7	103.7
-40°	0.0	4.6	11.5	20.3	30.6	41.1	52.5	64.3	76.6	88.2	99.9
-42.5°	0.0	4.4	10.9	19.2	29.0	39.2	50.0	61.1	73.1	84.5	95.9
-45°	0.0	4.2	10.3	18.0	27.4	37.1	47.3	57.9	69.3	80.6	91.7
-47.5°	0.0	4.1	9.6	16.7	25.7	34.9	44.5	54.7	65.2	76.5	87.0
-50°	0.0	3.9	9.0	15.6	24.0	32.6	41.8	51.3	61.1	71.8	82.2
-52.5°	0.0	3.7	8.3	14.6	22.1	30.2	38.8	47.8	57.0	66.9	77.0
-55°	0.0	3.4	7.5	13.5	20.2	27.8	35.8	44.2	52.9	61.9	71.4
-57.5°	0.0	3.2	6.8	12.3	18.3	25.4	32.7	40.5	48.6	56.9	65.6
-60°	0.0	3.0	6.0	11.2	16.3	22.9	29.5	36.7	44.2	51.8	59.8
-62.5°	0.0	2.8	5.5	10.0	14.7	20.3	26.4	32.8	39.7	46.6	53.9
-65°	0.0	2.5	5.1	8.8	13.1	17.7	23.3	28.9	35.1	41.4	47.7
-67.5°	0.0	2.3	4.6	7.5	11.5	15.4	20.1	25.2	30.5	36.2	41.8
-70°	0.0	2.1	4.1	6.2	9.8	13.3	16.8	21.5	26.2	30.9	35.9
-72.5°	0.0	1.8	3.6	5.4	8.1	11.1	14.2	17.7	21.9	26.0	30.1
-75°	0.0	1.6	3.1	4.6	6.3	9.0	11.6	14.4	17.5	21.1	24.6
-77.5°	0.0	1.3	2.6	3.9	5.2	6.8	9.0	11.3	13.7	16.3	19.2
-80°	0.0	1.0	2.1	3.1	4.1	5.2	6.3	8.1	10.0	12.0	14.1
-82.5°	0.0	0.8	1.6	2.3	3.1	3.9	4.6	5.4	6.3	7.7	9.1
-85°	0.0	0.5	1.0	1.6	2.1	2.6	3.1	3.6	4.1	4.6	5.1
-87.5°	0.0	0.3	0.5	0.8	1.0	1.3	1.6	1.8	2.1	2.3	2.5
-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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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°	2.8	3.0	3.2	3.4	3.7	3.9	4.1	4.2	4.4	4.6	4.8
85°	5.5	6.0	6.9	7.7	8.6	9.4	10.2	10.9	11.6	12.3	13.0
82.5°	10.5	11.9	13.2	14.5	15.8	17.0	18.2	19.3	20.4	21.4	22.4
80°	16.0	17.8	19.6	21.3	23.0	24.6	26.2	27.7	29.1	30.7	32.3
77.5°	21.8	24.1	26.2	28.1	30.2	32.8	35.2	37.6	39.8	42.0	44.0
75°	27.7	30.3	33.3	36.1	39.1	42.2	45.1	48.0	50.8	53.6	56.4
72.5°	34.0	37.6	41.1	44.5	48.3	52.0	55.4	58.5	62.0	65.8	69.4
70°	40.6	44.8	49.2	53.6	57.8	62.0	66.2	70.4	74.7	78.9	82.8
67.5°	47.3	52.5	57.6	62.6	67.4	72.4	77.4	82.5	87.4	92.2	96.7
65°	54.4	60.2	65.9	71.5	76.9	83.0	88.9	94.6	100.8	106.6	111.6
62.5°	61.3	67.8	74.2	80.5	87.0	93.7	100.6	107.7	115.1	120.5	125.1
60°	67.9	75.3	82.4	89.6	96.9	104.4	112.3	119.9	126.7	132.6	137.5
57.5°	74.4	82.7	90.5	98.4	106.3	114.9	123.6	131.4	137.7	143.4	148.7
55°	80.7	89.9	98.2	106.5	115.6	125.6	134.5	141.6	148.1	152.7	157.8
52.5°	86.7	96.5	105.2	114.6	125.0	135.4	144.2	151.0	156.5	161.3	166.3
50°	92.4	102.3	112.0	122.6	133.6	144.0	152.9	159.2	164.7	169.8	174.6
47.5°	97.6	107.9	118.8	130.2	141.6	151.9	160.5	166.9	172.6	177.8	183.1
45°	102.5	113.5	125.1	137.5	149.3	159.5	167.3	174.2	179.7	185.5	192.1
42.5°	107.2	119.0	131.6	144.8	156.8	166.2	173.7	180.4	186.7	193.6	201.0
40°	111.8	124.1	137.6	151.6	163.8	171.9	179.5	186.6	193.8	201.7	209.7
37.5°	116.1	129.2	143.3	157.9	169.0	177.4	185.3	193.1	201.2	209.7	219.7
35°	120.0	134.0	148.8	162.9	173.5	182.7	191.1	199.6	208.7	219.1	230.1
32.5°	123.8	138.4	153.9	167.1	177.7	187.5	196.8	206.3	216.8	228.2	240.8
30°	127.6	142.6	158.4	171.4	181.4	191.4	202.3	212.9	224.5	237.3	252.0
27.5°	131.3	146.6	162.1	174.8	184.6	194.8	206.5	219.5	232.1	246.1	263.1
25°	134.6	150.6	165.8	177.5	187.4	198.1	210.2	224.1	239.0	255.5	276.5
22.5°	137.8	154.3	169.3	179.7	189.7	200.9	214.0	228.6	244.8	264.0	289.6
20°	140.8	157.2	171.6	181.8	191.6	203.2	217.3	232.7	251.2	274.5	305.1
17.5°	143.3	159.6	173.2	183.5	193.7	205.6	220.1	236.1	256.9	283.7	319.9
15°	145.6	161.6	174.6	184.8	195.4	208.0	222.9	240.4	263.1	292.7	332.7
12.5°	147.4	163.1	175.7	185.8	196.7	209.8	225.4	244.5	269.4	302.5	349.9
10°	148.8	164.2	176.6	186.4	197.7	211.0	227.3	247.8	274.5	310.7	364.7
7.5°	150.2	165.2	177.3	186.7	198.2	211.6	228.6	250.0	278.2	316.8	376.5
5°	151.2	166.2	177.6	187.2	198.6	211.9	229.6	251.4	280.5	320.9	384.8
2.5°	151.8	166.7	177.6	187.6	198.6	212.0	230.6	252.1	283.0	324.3	389.5
0°	152.0	166.9	177.3	187.8	198.2	211.6	231.0	251.8	284.6	326.3	390.4
-2.5°	151.8	166.7	177.6	187.6	198.6	212.0	230.6	252.1	283.0	324.3	389.5
-5°	151.2	166.2	177.6	187.2	198.6	211.9	229.6	251.4	280.5	320.9	384.8
-7.5°	150.2	165.2	177.3	186.7	198.2	211.6	228.6	250.0	278.2	316.8	376.5
-10°	148.8	164.2	176.6	186.4	197.7	211.0	227.3	247.8	274.5	310.7	364.7
-12.5°	147.4	163.1	175.7	185.8	196.7	209.8	225.4	244.5	269.4	302.5	349.9
-15°	145.6	161.6	174.6	184.8	195.4	208.0	222.9	240.4	263.1	292.7	332.7
-17.5°	143.3	159.6	173.2	183.5	193.7	205.6	220.1	236.1	256.9	283.7	319.9
-20°	140.8	157.2	171.6	181.8	191.6	203.2	217.3	232.7	251.2	274.5	305.1

Classified

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

Scaled Data Report



REPORT NUMBER: P626785 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA1E-730-U-MR-XX

CANDELA DISTRIBUTION (continued):

	-62.5°	-60°	-57.5°	-55°	-52.5°	-50°	-47.5°	-45°	-42.5°	-40°	-37.5°
-22.5°	137.8	154.3	169.3	179.7	189.7	200.9	214.0	228.6	244.8	264.0	289.6
-25°	134.6	150.6	165.8	177.5	187.4	198.1	210.2	224.1	239.0	255.5	276.5
-27.5°	131.3	146.6	162.1	174.8	184.6	194.8	206.5	219.5	232.1	246.1	263.1
-30°	127.6	142.6	158.4	171.4	181.4	191.4	202.3	212.9	224.5	237.3	252.0
-32.5°	123.8	138.4	153.9	167.1	177.7	187.5	196.8	206.3	216.8	228.2	240.8
-35°	120.0	134.0	148.8	162.9	173.5	182.7	191.1	199.6	208.7	219.1	230.1
-37.5°	116.1	129.2	143.3	157.9	169.0	177.4	185.3	193.1	201.2	209.7	219.7
-40°	111.8	124.1	137.6	151.6	163.8	171.9	179.5	186.6	193.8	201.7	209.7
-42.5°	107.2	119.0	131.6	144.8	156.8	166.2	173.7	180.4	186.7	193.6	201.0
-45°	102.5	113.5	125.1	137.5	149.3	159.5	167.3	174.2	179.7	185.5	192.1
-47.5°	97.6	107.9	118.8	130.2	141.6	151.9	160.5	166.9	172.6	177.8	183.1
-50°	92.4	102.3	112.0	122.6	133.6	144.0	152.9	159.2	164.7	169.8	174.6
-52.5°	86.7	96.5	105.2	114.6	125.0	135.4	144.2	151.0	156.5	161.3	166.3
-55°	80.7	89.9	98.2	106.5	115.6	125.6	134.5	141.6	148.1	152.7	157.8
-57.5°	74.4	82.7	90.5	98.4	106.3	114.9	123.6	131.4	137.7	143.4	148.7
-60°	67.9	75.3	82.4	89.6	96.9	104.4	112.3	119.9	126.7	132.6	137.5
-62.5°	61.3	67.8	74.2	80.5	87.0	93.7	100.6	107.7	115.1	120.5	125.1
-65°	54.4	60.2	65.9	71.5	76.9	83.0	88.9	94.6	100.8	106.6	111.6
-67.5°	47.3	52.5	57.6	62.6	67.4	72.4	77.4	82.5	87.4	92.2	96.7
-70°	40.6	44.8	49.2	53.6	57.8	62.0	66.2	70.4	74.7	78.9	82.8
-72.5°	34.0	37.6	41.1	44.5	48.3	52.0	55.4	58.5	62.0	65.8	69.4
-75°	27.7	30.3	33.3	36.1	39.1	42.2	45.1	48.0	50.8	53.6	56.4
-77.5°	21.8	24.1	26.2	28.1	30.2	32.8	35.2	37.6	39.8	42.0	44.0
-80°	16.0	17.8	19.6	21.3	23.0	24.6	26.2	27.7	29.1	30.7	32.3
-82.5°	10.5	11.9	13.2	14.5	15.8	17.0	18.2	19.3	20.4	21.4	22.4
-85°	5.5	6.0	6.9	7.7	8.6	9.4	10.2	10.9	11.6	12.3	13.0
-87.5°	2.8	3.0	3.2	3.4	3.7	3.9	4.1	4.2	4.4	4.6	4.8
-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: P626785 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA1E-730-U-MR-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°	4.9	5.1	5.2	5.3	5.4	5.5	5.6	5.7	5.8	5.9	5.9
85°	13.6	14.2	14.7	15.2	15.7	15.8	15.8	15.8	15.7	15.9	16.1
82.5°	23.3	24.4	25.4	26.5	27.5	27.9	28.1	28.3	28.4	28.8	29.2
80°	33.8	35.5	37.0	38.4	39.6	40.5	41.3	42.0	42.7	43.0	43.1
77.5°	46.1	48.1	50.0	51.7	53.3	54.6	55.6	56.4	57.1	57.5	57.7
75°	59.3	61.8	64.1	66.2	68.1	69.4	70.4	71.1	71.5	72.0	72.4
72.5°	72.6	75.5	78.2	80.7	82.9	84.5	85.5	86.4	87.1	87.6	87.8
70°	86.6	90.1	93.0	95.5	97.5	99.0	100.2	101.1	101.8	102.3	102.6
67.5°	101.1	104.7	107.5	109.7	111.5	113.1	114.6	115.7	116.4	117.1	117.8
65°	115.8	119.5	122.4	124.8	126.7	128.7	130.6	132.0	132.9	133.7	134.6
62.5°	129.7	133.9	137.2	140.3	143.4	146.3	148.0	149.4	150.3	151.2	152.1
60°	142.3	147.1	151.1	154.9	158.7	162.5	164.0	165.3	166.5	167.6	168.6
57.5°	153.5	158.6	163.5	167.2	170.8	174.4	176.8	178.2	179.1	179.6	180.0
55°	163.3	168.4	173.2	177.5	181.4	185.1	187.9	189.2	190.1	190.8	191.1
52.5°	172.0	177.5	182.7	187.4	191.7	195.6	199.0	200.8	202.3	203.3	203.7
50°	180.6	186.5	192.2	197.2	202.1	206.9	211.2	213.7	215.5	216.5	216.9
47.5°	189.5	196.0	202.1	207.9	213.5	219.1	224.3	227.7	230.3	232.1	233.5
45°	198.9	205.8	212.5	219.4	225.9	233.1	239.6	244.6	248.3	251.5	254.1
42.5°	208.2	216.0	223.8	232.6	241.5	249.7	257.4	264.0	270.1	276.1	280.7
40°	218.4	227.0	237.6	248.1	258.9	268.5	279.8	289.9	299.3	309.4	317.7
37.5°	229.6	240.5	253.1	265.7	279.8	293.5	309.4	325.0	338.6	356.1	370.3
35°	241.8	255.6	270.4	287.3	305.5	327.1	349.2	375.2	397.2	425.3	451.1
32.5°	255.3	271.5	290.8	314.0	338.6	373.2	405.7	449.7	487.4	535.9	589.0
30°	269.0	290.1	316.2	346.2	387.9	437.0	494.2	568.7	649.2	732.5	844.6
27.5°	285.3	312.6	345.3	391.7	454.0	521.9	638.5	764.4	939.8	1078.6	1325.9
25°	302.9	336.7	385.0	452.2	538.3	675.7	872.5	1100.5	1451.4	1763.5	2122.2
22.5°	323.7	369.7	433.6	521.5	671.6	908.2	1215.4	1683.3	2203.5	2717.0	3186.3
20°	345.8	401.2	490.6	633.8	865.8	1207.9	1756.0	2424.6	3115.3	3818.9	4411.9
17.5°	371.5	446.8	564.6	754.7	1085.8	1671.4	2403.5	3253.7	4156.0	5053.9	5833.8
15°	393.6	486.7	645.2	930.1	1423.7	2156.3	3056.0	4129.9	5264.5	6429.7	7692.6
12.5°	421.8	534.8	728.4	1075.1	1723.6	2675.7	3776.6	5023.4	6408.9	7956.1	9924.9
10°	447.7	585.2	837.7	1307.3	2084.0	3160.9	4399.0	5813.6	7610.7	9935.7	12310.6
7.5°	468.4	625.1	922.4	1488.6	2386.3	3575.5	4959.5	6655.4	8897.5	11666.1	14379.5
5°	482.8	652.8	983.1	1625.5	2629.5	3892.3	5357.2	7276.0	9982.2	13082.4	15853.1
2.5°	491.9	667.9	1012.8	1706.9	2788.1	4082.9	5605.4	7670.4	10646.9	13984.1	16789.3
0°	496.2	670.5	993.9	1746.4	2810.3	4069.4	5628.1	7802.1	10804.7	14228.9	17022.8
-2.5°	491.9	667.9	1012.8	1706.9	2788.1	4082.9	5605.4	7670.4	10646.9	13984.1	16789.3
-5°	482.8	652.8	983.1	1625.5	2629.5	3892.3	5357.2	7276.0	9982.2	13082.4	15853.1
-7.5°	468.4	625.1	922.4	1488.6	2386.3	3575.5	4959.5	6655.4	8897.5	11666.1	14379.5
-10°	447.7	585.2	837.7	1307.3	2084.0	3160.9	4399.0	5813.6	7610.7	9935.7	12310.6
-12.5°	421.8	534.8	728.4	1075.1	1723.6	2675.7	3776.6	5023.4	6408.9	7956.1	9924.9
-15°	393.6	486.7	645.2	930.1	1423.7	2156.3	3056.0	4129.9	5264.5	6429.7	7692.6
-17.5°	371.5	446.8	564.6	754.7	1085.8	1671.4	2403.5	3253.7	4156.0	5053.9	5833.8
-20°	345.8	401.2	490.6	633.8	865.8	1207.9	1756.0	2424.6	3115.3	3818.9	4411.9

Classified

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

Scaled Data Report



REPORT NUMBER: P626785 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA1E-730-U-MR-XX

CANDELA DISTRIBUTION (continued):

	-35°	-32.5°	-30°	-27.5°	-25°	-22.5°	-20°	-17.5°	-15°	-12.5°	-10°
-22.5°	323.7	369.7	433.6	521.5	671.6	908.2	1215.4	1683.3	2203.5	2717.0	3186.3
-25°	302.9	336.7	385.0	452.2	538.3	675.7	872.5	1100.5	1451.4	1763.5	2122.2
-27.5°	285.3	312.6	345.3	391.7	454.0	521.9	638.5	764.4	939.8	1078.6	1325.9
-30°	269.0	290.1	316.2	346.2	387.9	437.0	494.2	568.7	649.2	732.5	844.6
-32.5°	255.3	271.5	290.8	314.0	338.6	373.2	405.7	449.7	487.4	535.9	589.0
-35°	241.8	255.6	270.4	287.3	305.5	327.1	349.2	375.2	397.2	425.3	451.1
-37.5°	229.6	240.5	253.1	265.7	279.8	293.5	309.4	325.0	338.6	356.1	370.3
-40°	218.4	227.0	237.6	248.1	258.9	268.5	279.8	289.9	299.3	309.4	317.7
-42.5°	208.2	216.0	223.8	232.6	241.5	249.7	257.4	264.0	270.1	276.1	280.7
-45°	198.9	205.8	212.5	219.4	225.9	233.1	239.6	244.6	248.3	251.5	254.1
-47.5°	189.5	196.0	202.1	207.9	213.5	219.1	224.3	227.7	230.3	232.1	233.5
-50°	180.6	186.5	192.2	197.2	202.1	206.9	211.2	213.7	215.5	216.5	216.9
-52.5°	172.0	177.5	182.7	187.4	191.7	195.6	199.0	200.8	202.3	203.3	203.7
-55°	163.3	168.4	173.2	177.5	181.4	185.1	187.9	189.2	190.1	190.8	191.1
-57.5°	153.5	158.6	163.5	167.2	170.8	174.4	176.8	178.2	179.1	179.6	180.0
-60°	142.3	147.1	151.1	154.9	158.7	162.5	164.0	165.3	166.5	167.6	168.6
-62.5°	129.7	133.9	137.2	140.3	143.4	146.3	148.0	149.4	150.3	151.2	152.1
-65°	115.8	119.5	122.4	124.8	126.7	128.7	130.6	132.0	132.9	133.7	134.6
-67.5°	101.1	104.7	107.5	109.7	111.5	113.1	114.6	115.7	116.4	117.1	117.8
-70°	86.6	90.1	93.0	95.5	97.5	99.0	100.2	101.1	101.8	102.3	102.6
-72.5°	72.6	75.5	78.2	80.7	82.9	84.5	85.5	86.4	87.1	87.6	87.8
-75°	59.3	61.8	64.1	66.2	68.1	69.4	70.4	71.1	71.5	72.0	72.4
-77.5°	46.1	48.1	50.0	51.7	53.3	54.6	55.6	56.4	57.1	57.5	57.7
-80°	33.8	35.5	37.0	38.4	39.6	40.5	41.3	42.0	42.7	43.0	43.1
-82.5°	23.3	24.4	25.4	26.5	27.5	27.9	28.1	28.3	28.4	28.8	29.2
-85°	13.6	14.2	14.7	15.2	15.7	15.8	15.8	15.8	15.7	15.9	16.1
-87.5°	4.9	5.1	5.2	5.3	5.4	5.5	5.6	5.7	5.8	5.9	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: P626785 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA1E-730-U-MR-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°	5.9	6.0	6.0	6.0	6.0	6.0	5.9	5.9	5.9	5.8	5.7
85°	16.2	16.3	16.4	16.4	16.4	16.3	16.2	16.1	15.9	15.7	15.8
82.5°	29.5	29.6	29.8	29.8	29.8	29.6	29.5	29.2	28.8	28.4	28.3
80°	43.1	43.0	43.1	43.2	43.1	43.0	43.1	43.1	43.0	42.7	42.0
77.5°	57.9	57.8	58.0	58.1	58.0	57.8	57.9	57.7	57.5	57.1	56.4
75°	72.6	72.7	72.9	73.0	72.9	72.7	72.6	72.4	72.0	71.5	71.1
72.5°	87.8	87.6	87.8	87.9	87.8	87.6	87.8	87.8	87.6	87.1	86.4
70°	102.6	102.4	103.4	104.3	103.4	102.4	102.6	102.6	102.3	101.8	101.1
67.5°	118.4	118.7	119.7	120.7	119.7	118.7	118.4	117.8	117.1	116.4	115.7
65°	135.0	135.1	136.1	137.1	136.1	135.1	135.0	134.6	133.7	132.9	132.0
62.5°	152.7	152.9	154.0	155.0	154.0	152.9	152.7	152.1	151.2	150.3	149.4
60°	169.1	169.3	169.7	169.9	169.7	169.3	169.1	168.6	167.6	166.5	165.3
57.5°	180.2	180.0	180.2	180.3	180.2	180.0	180.2	180.0	179.6	179.1	178.2
55°	191.0	190.5	190.0	189.2	190.0	190.5	191.0	191.1	190.8	190.1	189.2
52.5°	203.4	202.6	201.9	201.2	201.9	202.6	203.4	203.7	203.3	202.3	200.8
50°	216.7	216.0	215.3	214.6	215.3	216.0	216.7	216.9	216.5	215.5	213.7
47.5°	234.4	234.7	234.5	233.9	234.5	234.7	234.4	233.5	232.1	230.3	227.7
45°	255.9	256.8	256.9	256.3	256.9	256.8	255.9	254.1	251.5	248.3	244.6
42.5°	284.0	285.8	286.9	287.6	286.9	285.8	284.0	280.7	276.1	270.1	264.0
40°	323.7	327.6	330.0	332.3	330.0	327.6	323.7	317.7	309.4	299.3	289.9
37.5°	380.8	387.7	390.8	388.9	390.8	387.7	380.8	370.3	356.1	338.6	325.0
35°	471.0	484.3	491.2	491.7	491.2	484.3	471.0	451.1	425.3	397.2	375.2
32.5°	628.2	655.3	670.0	672.0	670.0	655.3	628.2	589.0	535.9	487.4	449.7
30°	930.5	986.0	1012.0	1005.8	1012.0	986.0	930.5	844.6	732.5	649.2	568.7
27.5°	1518.1	1656.4	1738.3	1744.9	1738.3	1656.4	1518.1	1325.9	1078.6	939.8	764.4
25°	2440.0	2676.1	2827.3	2829.7	2827.3	2676.1	2440.0	2122.2	1763.5	1451.4	1100.5
22.5°	3620.2	3942.5	4119.1	4149.9	4119.1	3942.5	3620.2	3186.3	2717.0	2203.5	1683.3
20°	4987.6	5416.3	5645.7	5646.0	5645.7	5416.3	4987.6	4411.9	3818.9	3115.3	2424.6
17.5°	6671.5	7367.7	7804.7	7992.9	7804.7	7367.7	6671.5	5833.8	5053.9	4156.0	3253.7
15°	8908.7	10078.6	10779.7	10906.0	10779.7	10078.6	8908.7	7692.6	6429.7	5264.5	4129.9
12.5°	11632.8	13113.3	14108.5	14473.3	14108.5	13113.3	11632.8	9924.9	7956.1	6408.9	5023.4
10°	14476.8	15848.7	16914.9	17273.2	16914.9	15848.7	14476.8	12310.6	9935.7	7610.7	5813.6
7.5°	16531.5	18167.4	19368.3	19895.7	19368.3	18167.4	16531.5	14379.5	11666.1	8897.5	6655.4
5°	18153.4	20089.1	21207.0	21703.2	21207.0	20089.1	18153.4	15853.1	13082.4	9982.2	7276.0
2.5°	19217.7	21130.2	22314.1	22771.6	22314.1	21130.2	19217.7	16789.3	13984.1	10646.9	7670.4
0°	19615.6	21485.7	22655.4	23214.2	22655.4	21485.7	19615.6	17022.8	14228.9	10804.7	7802.1
-2.5°	19217.7	21130.2	22314.1	22771.6	22314.1	21130.2	19217.7	16789.3	13984.1	10646.9	7670.4
-5°	18153.4	20089.1	21207.0	21703.2	21207.0	20089.1	18153.4	15853.1	13082.4	9982.2	7276.0
-7.5°	16531.5	18167.4	19368.3	19895.7	19368.3	18167.4	16531.5	14379.5	11666.1	8897.5	6655.4
-10°	14476.8	15848.7	16914.9	17273.2	16914.9	15848.7	14476.8	12310.6	9935.7	7610.7	5813.6
-12.5°	11632.8	13113.3	14108.5	14473.3	14108.5	13113.3	11632.8	9924.9	7956.1	6408.9	5023.4
-15°	8908.7	10078.6	10779.7	10906.0	10779.7	10078.6	8908.7	7692.6	6429.7	5264.5	4129.9
-17.5°	6671.5	7367.7	7804.7	7992.9	7804.7	7367.7	6671.5	5833.8	5053.9	4156.0	3253.7
-20°	4987.6	5416.3	5645.7	5646.0	5645.7	5416.3	4987.6	4411.9	3818.9	3115.3	2424.6



REPORT NUMBER: P626785 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA1E-730-U-MR-XX

CANDELA DISTRIBUTION (continued):

	-7.5°	-5°	-2.5°	0°	2.5°	5°	7.5°	10°	12.5°	15°	17.5°
-22.5°	3620.2	3942.5	4119.1	4149.9	4119.1	3942.5	3620.2	3186.3	2717.0	2203.5	1683.3
-25°	2440.0	2676.1	2827.3	2829.7	2827.3	2676.1	2440.0	2122.2	1763.5	1451.4	1100.5
-27.5°	1518.1	1656.4	1738.3	1744.9	1738.3	1656.4	1518.1	1325.9	1078.6	939.8	764.4
-30°	930.5	986.0	1012.0	1005.8	1012.0	986.0	930.5	844.6	732.5	649.2	568.7
-32.5°	628.2	655.3	670.0	672.0	670.0	655.3	628.2	589.0	535.9	487.4	449.7
-35°	471.0	484.3	491.2	491.7	491.2	484.3	471.0	451.1	425.3	397.2	375.2
-37.5°	380.8	387.7	390.8	388.9	390.8	387.7	380.8	370.3	356.1	338.6	325.0
-40°	323.7	327.6	330.0	332.3	330.0	327.6	323.7	317.7	309.4	299.3	289.9
-42.5°	284.0	285.8	286.9	287.6	286.9	285.8	284.0	280.7	276.1	270.1	264.0
-45°	255.9	256.8	256.9	256.3	256.9	256.8	255.9	254.1	251.5	248.3	244.6
-47.5°	234.4	234.7	234.5	233.9	234.5	234.7	234.4	233.5	232.1	230.3	227.7
-50°	216.7	216.0	215.3	214.6	215.3	216.0	216.7	216.9	216.5	215.5	213.7
-52.5°	203.4	202.6	201.9	201.2	201.9	202.6	203.4	203.7	203.3	202.3	200.8
-55°	191.0	190.5	190.0	189.2	190.0	190.5	191.0	191.1	190.8	190.1	189.2
-57.5°	180.2	180.0	180.2	180.3	180.2	180.0	180.2	180.0	179.6	179.1	178.2
-60°	169.1	169.3	169.7	169.9	169.7	169.3	169.1	168.6	167.6	166.5	165.3
-62.5°	152.7	152.9	154.0	155.0	154.0	152.9	152.7	152.1	151.2	150.3	149.4
-65°	135.0	135.1	136.1	137.1	136.1	135.1	135.0	134.6	133.7	132.9	132.0
-67.5°	118.4	118.7	119.7	120.7	119.7	118.7	118.4	117.8	117.1	116.4	115.7
-70°	102.6	102.4	103.4	104.3	103.4	102.4	102.6	102.6	102.3	101.8	101.1
-72.5°	87.8	87.6	87.8	87.9	87.8	87.6	87.8	87.8	87.6	87.1	86.4
-75°	72.6	72.7	72.9	73.0	72.9	72.7	72.6	72.4	72.0	71.5	71.1
-77.5°	57.9	57.8	58.0	58.1	58.0	57.8	57.9	57.7	57.5	57.1	56.4
-80°	43.1	43.0	43.1	43.2	43.1	43.0	43.1	43.1	43.0	42.7	42.0
-82.5°	29.5	29.6	29.8	29.8	29.8	29.6	29.5	29.2	28.8	28.4	28.3
-85°	16.2	16.3	16.4	16.4	16.4	16.3	16.2	16.1	15.9	15.7	15.8
-87.5°	5.9	6.0	6.0	6.0	6.0	6.0	5.9	5.9	5.9	5.8	5.7
-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: P626785 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA1E-730-U-MR-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°	5.6	5.5	5.4	5.3	5.2	5.1	4.9	4.8	4.6	4.4	4.2
85°	15.8	15.8	15.7	15.2	14.7	14.2	13.6	13.0	12.3	11.6	10.9
82.5°	28.1	27.9	27.5	26.5	25.4	24.4	23.3	22.4	21.4	20.4	19.3
80°	41.3	40.5	39.6	38.4	37.0	35.5	33.8	32.3	30.7	29.1	27.7
77.5°	55.6	54.6	53.3	51.7	50.0	48.1	46.1	44.0	42.0	39.8	37.6
75°	70.4	69.4	68.1	66.2	64.1	61.8	59.3	56.4	53.6	50.8	48.0
72.5°	85.5	84.5	82.9	80.7	78.2	75.5	72.6	69.4	65.8	62.0	58.5
70°	100.2	99.0	97.5	95.5	93.0	90.1	86.6	82.8	78.9	74.7	70.4
67.5°	114.6	113.1	111.5	109.7	107.5	104.7	101.1	96.7	92.2	87.4	82.5
65°	130.6	128.7	126.7	124.8	122.4	119.5	115.8	111.6	106.6	100.8	94.6
62.5°	148.0	146.3	143.4	140.3	137.2	133.9	129.7	125.1	120.5	115.1	107.7
60°	164.0	162.5	158.7	154.9	151.1	147.1	142.3	137.5	132.6	126.7	119.9
57.5°	176.8	174.4	170.8	167.2	163.5	158.6	153.5	148.7	143.4	137.7	131.4
55°	187.9	185.1	181.4	177.5	173.2	168.4	163.3	157.8	152.7	148.1	141.6
52.5°	199.0	195.6	191.7	187.4	182.7	177.5	172.0	166.3	161.3	156.5	151.0
50°	211.2	206.9	202.1	197.2	192.2	186.5	180.6	174.6	169.8	164.7	159.2
47.5°	224.3	219.1	213.5	207.9	202.1	196.0	189.5	183.1	177.8	172.6	166.9
45°	239.6	233.1	225.9	219.4	212.5	205.8	198.9	192.1	185.5	179.7	174.2
42.5°	257.4	249.7	241.5	232.6	223.8	216.0	208.2	201.0	193.6	186.7	180.4
40°	279.8	268.5	258.9	248.1	237.6	227.0	218.4	209.7	201.7	193.8	186.6
37.5°	309.4	293.5	279.8	265.7	253.1	240.5	229.6	219.7	209.7	201.2	193.1
35°	349.2	327.1	305.5	287.3	270.4	255.6	241.8	230.1	219.1	208.7	199.6
32.5°	405.7	373.2	338.6	314.0	290.8	271.5	255.3	240.8	228.2	216.8	206.3
30°	494.2	437.0	387.9	346.2	316.2	290.1	269.0	252.0	237.3	224.5	212.9
27.5°	638.5	521.9	454.0	391.7	345.3	312.6	285.3	263.1	246.1	232.1	219.5
25°	872.5	675.7	538.3	452.2	385.0	336.7	302.9	276.5	255.5	239.0	224.1
22.5°	1215.4	908.2	671.6	521.5	433.6	369.7	323.7	289.6	264.0	244.8	228.6
20°	1756.0	1207.9	865.8	633.8	490.6	401.2	345.8	305.1	274.5	251.2	232.7
17.5°	2403.5	1671.4	1085.8	754.7	564.6	446.8	371.5	319.9	283.7	256.9	236.1
15°	3056.0	2156.3	1423.7	930.1	645.2	486.7	393.6	332.7	292.7	263.1	240.4
12.5°	3776.6	2675.7	1723.6	1075.1	728.4	534.8	421.8	349.9	302.5	269.4	244.5
10°	4399.0	3160.9	2084.0	1307.3	837.7	585.2	447.7	364.7	310.7	274.5	247.8
7.5°	4959.5	3575.5	2386.3	1488.6	922.4	625.1	468.4	376.5	316.8	278.2	250.0
5°	5357.2	3892.3	2629.5	1625.5	983.1	652.8	482.8	384.8	320.9	280.5	251.4
2.5°	5605.4	4082.9	2788.1	1706.9	1012.8	667.9	491.9	389.5	324.3	283.0	252.1
0°	5628.1	4069.4	2810.3	1746.4	993.9	670.5	496.2	390.4	326.3	284.6	251.8
-2.5°	5605.4	4082.9	2788.1	1706.9	1012.8	667.9	491.9	389.5	324.3	283.0	252.1
-5°	5357.2	3892.3	2629.5	1625.5	983.1	652.8	482.8	384.8	320.9	280.5	251.4
-7.5°	4959.5	3575.5	2386.3	1488.6	922.4	625.1	468.4	376.5	316.8	278.2	250.0
-10°	4399.0	3160.9	2084.0	1307.3	837.7	585.2	447.7	364.7	310.7	274.5	247.8
-12.5°	3776.6	2675.7	1723.6	1075.1	728.4	534.8	421.8	349.9	302.5	269.4	244.5
-15°	3056.0	2156.3	1423.7	930.1	645.2	486.7	393.6	332.7	292.7	263.1	240.4
-17.5°	2403.5	1671.4	1085.8	754.7	564.6	446.8	371.5	319.9	283.7	256.9	236.1
-20°	1756.0	1207.9	865.8	633.8	490.6	401.2	345.8	305.1	274.5	251.2	232.7

Classified

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

Scaled Data Report



REPORT NUMBER: P626785 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA1E-730-U-MR-XX

CANDELA DISTRIBUTION (continued):

	20°	22.5°	25°	27.5°	30°	32.5°	35°	37.5°	40°	42.5°	45°
-22.5°	1215.4	908.2	671.6	521.5	433.6	369.7	323.7	289.6	264.0	244.8	228.6
-25°	872.5	675.7	538.3	452.2	385.0	336.7	302.9	276.5	255.5	239.0	224.1
-27.5°	638.5	521.9	454.0	391.7	345.3	312.6	285.3	263.1	246.1	232.1	219.5
-30°	494.2	437.0	387.9	346.2	316.2	290.1	269.0	252.0	237.3	224.5	212.9
-32.5°	405.7	373.2	338.6	314.0	290.8	271.5	255.3	240.8	228.2	216.8	206.3
-35°	349.2	327.1	305.5	287.3	270.4	255.6	241.8	230.1	219.1	208.7	199.6
-37.5°	309.4	293.5	279.8	265.7	253.1	240.5	229.6	219.7	209.7	201.2	193.1
-40°	279.8	268.5	258.9	248.1	237.6	227.0	218.4	209.7	201.7	193.8	186.6
-42.5°	257.4	249.7	241.5	232.6	223.8	216.0	208.2	201.0	193.6	186.7	180.4
-45°	239.6	233.1	225.9	219.4	212.5	205.8	198.9	192.1	185.5	179.7	174.2
-47.5°	224.3	219.1	213.5	207.9	202.1	196.0	189.5	183.1	177.8	172.6	166.9
-50°	211.2	206.9	202.1	197.2	192.2	186.5	180.6	174.6	169.8	164.7	159.2
-52.5°	199.0	195.6	191.7	187.4	182.7	177.5	172.0	166.3	161.3	156.5	151.0
-55°	187.9	185.1	181.4	177.5	173.2	168.4	163.3	157.8	152.7	148.1	141.6
-57.5°	176.8	174.4	170.8	167.2	163.5	158.6	153.5	148.7	143.4	137.7	131.4
-60°	164.0	162.5	158.7	154.9	151.1	147.1	142.3	137.5	132.6	126.7	119.9
-62.5°	148.0	146.3	143.4	140.3	137.2	133.9	129.7	125.1	120.5	115.1	107.7
-65°	130.6	128.7	126.7	124.8	122.4	119.5	115.8	111.6	106.6	100.8	94.6
-67.5°	114.6	113.1	111.5	109.7	107.5	104.7	101.1	96.7	92.2	87.4	82.5
-70°	100.2	99.0	97.5	95.5	93.0	90.1	86.6	82.8	78.9	74.7	70.4
-72.5°	85.5	84.5	82.9	80.7	78.2	75.5	72.6	69.4	65.8	62.0	58.5
-75°	70.4	69.4	68.1	66.2	64.1	61.8	59.3	56.4	53.6	50.8	48.0
-77.5°	55.6	54.6	53.3	51.7	50.0	48.1	46.1	44.0	42.0	39.8	37.6
-80°	41.3	40.5	39.6	38.4	37.0	35.5	33.8	32.3	30.7	29.1	27.7
-82.5°	28.1	27.9	27.5	26.5	25.4	24.4	23.3	22.4	21.4	20.4	19.3
-85°	15.8	15.8	15.7	15.2	14.7	14.2	13.6	13.0	12.3	11.6	10.9
-87.5°	5.6	5.5	5.4	5.3	5.2	5.1	4.9	4.8	4.6	4.4	4.2
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



REPORT NUMBER: P626785 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA1E-730-U-MR-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°	4.1	3.9	3.7	3.4	3.2	3.0	2.8	2.5	2.3	2.1	1.8
85°	10.2	9.4	8.6	7.7	6.9	6.0	5.5	5.1	4.6	4.1	3.6
82.5°	18.2	17.0	15.8	14.5	13.2	11.9	10.5	9.1	7.7	6.3	5.4
80°	26.2	24.6	23.0	21.3	19.6	17.8	16.0	14.1	12.0	10.0	8.1
77.5°	35.2	32.8	30.2	28.1	26.2	24.1	21.8	19.2	16.3	13.7	11.3
75°	45.1	42.2	39.1	36.1	33.3	30.3	27.7	24.6	21.1	17.5	14.4
72.5°	55.4	52.0	48.3	44.5	41.1	37.6	34.0	30.1	26.0	21.9	17.7
70°	66.2	62.0	57.8	53.6	49.2	44.8	40.6	35.9	30.9	26.2	21.5
67.5°	77.4	72.4	67.4	62.6	57.6	52.5	47.3	41.8	36.2	30.5	25.2
65°	88.9	83.0	76.9	71.5	65.9	60.2	54.4	47.7	41.4	35.1	28.9
62.5°	100.6	93.7	87.0	80.5	74.2	67.8	61.3	53.9	46.6	39.7	32.8
60°	112.3	104.4	96.9	89.6	82.4	75.3	67.9	59.8	51.8	44.2	36.7
57.5°	123.6	114.9	106.3	98.4	90.5	82.7	74.4	65.6	56.9	48.6	40.5
55°	134.5	125.6	115.6	106.5	98.2	89.9	80.7	71.4	61.9	52.9	44.2
52.5°	144.2	135.4	125.0	114.6	105.2	96.5	86.7	77.0	66.9	57.0	47.8
50°	152.9	144.0	133.6	122.6	112.0	102.3	92.4	82.2	71.8	61.1	51.3
47.5°	160.5	151.9	141.6	130.2	118.8	107.9	97.6	87.0	76.5	65.2	54.7
45°	167.3	159.5	149.3	137.5	125.1	113.5	102.5	91.7	80.6	69.3	57.9
42.5°	173.7	166.2	156.8	144.8	131.6	119.0	107.2	95.9	84.5	73.1	61.1
40°	179.5	171.9	163.8	151.6	137.6	124.1	111.8	99.9	88.2	76.6	64.3
37.5°	185.3	177.4	169.0	157.9	143.3	129.2	116.1	103.7	91.7	79.7	67.2
35°	191.1	182.7	173.5	162.9	148.8	134.0	120.0	107.3	95.0	82.6	69.9
32.5°	196.8	187.5	177.7	167.1	153.9	138.4	123.8	110.8	98.1	85.3	72.5
30°	202.3	191.4	181.4	171.4	158.4	142.6	127.6	114.0	101.0	87.9	74.8
27.5°	206.5	194.8	184.6	174.8	162.1	146.6	131.3	117.0	103.6	90.2	76.8
25°	210.2	198.1	187.4	177.5	165.8	150.6	134.6	119.7	106.0	92.3	78.6
22.5°	214.0	200.9	189.7	179.7	169.3	154.3	137.8	122.4	108.2	94.3	80.3
20°	217.3	203.2	191.6	181.8	171.6	157.2	140.8	124.8	110.1	96.0	81.8
17.5°	220.1	205.6	193.7	183.5	173.2	159.6	143.3	126.9	111.8	97.4	83.1
15°	222.9	208.0	195.4	184.8	174.6	161.6	145.6	128.7	113.2	98.7	84.2
12.5°	225.4	209.8	196.7	185.8	175.7	163.1	147.4	130.2	114.4	99.9	85.4
10°	227.3	211.0	197.7	186.4	176.6	164.2	148.8	131.6	115.8	100.9	86.3
7.5°	228.6	211.6	198.2	186.7	177.3	165.2	150.2	133.1	117.0	101.7	87.0
5°	229.6	211.9	198.6	187.2	177.6	166.2	151.2	134.2	118.0	102.3	87.5
2.5°	230.6	212.0	198.6	187.6	177.6	166.7	151.8	135.1	118.7	102.7	87.8
0°	231.0	211.6	198.2	187.8	177.3	166.9	152.0	135.6	119.2	102.8	87.9
-2.5°	230.6	212.0	198.6	187.6	177.6	166.7	151.8	135.1	118.7	102.7	87.8
-5°	229.6	211.9	198.6	187.2	177.6	166.2	151.2	134.2	118.0	102.3	87.5
-7.5°	228.6	211.6	198.2	186.7	177.3	165.2	150.2	133.1	117.0	101.7	87.0
-10°	227.3	211.0	197.7	186.4	176.6	164.2	148.8	131.6	115.8	100.9	86.3
-12.5°	225.4	209.8	196.7	185.8	175.7	163.1	147.4	130.2	114.4	99.9	85.4
-15°	222.9	208.0	195.4	184.8	174.6	161.6	145.6	128.7	113.2	98.7	84.2
-17.5°	220.1	205.6	193.7	183.5	173.2	159.6	143.3	126.9	111.8	97.4	83.1
-20°	217.3	203.2	191.6	181.8	171.6	157.2	140.8	124.8	110.1	96.0	81.8

Classified

Cooper Lighting Solutions Photometric Lab
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Scaled Data Report



REPORT NUMBER: P626785 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA1E-730-U-MR-XX

CANDELA DISTRIBUTION (continued):

	47.5°	50°	52.5°	55°	57.5°	60°	62.5°	65°	67.5°	70°	72.5°
-22.5°	214.0	200.9	189.7	179.7	169.3	154.3	137.8	122.4	108.2	94.3	80.3
-25°	210.2	198.1	187.4	177.5	165.8	150.6	134.6	119.7	106.0	92.3	78.6
-27.5°	206.5	194.8	184.6	174.8	162.1	146.6	131.3	117.0	103.6	90.2	76.8
-30°	202.3	191.4	181.4	171.4	158.4	142.6	127.6	114.0	101.0	87.9	74.8
-32.5°	196.8	187.5	177.7	167.1	153.9	138.4	123.8	110.8	98.1	85.3	72.5
-35°	191.1	182.7	173.5	162.9	148.8	134.0	120.0	107.3	95.0	82.6	69.9
-37.5°	185.3	177.4	169.0	157.9	143.3	129.2	116.1	103.7	91.7	79.7	67.2
-40°	179.5	171.9	163.8	151.6	137.6	124.1	111.8	99.9	88.2	76.6	64.3
-42.5°	173.7	166.2	156.8	144.8	131.6	119.0	107.2	95.9	84.5	73.1	61.1
-45°	167.3	159.5	149.3	137.5	125.1	113.5	102.5	91.7	80.6	69.3	57.9
-47.5°	160.5	151.9	141.6	130.2	118.8	107.9	97.6	87.0	76.5	65.2	54.7
-50°	152.9	144.0	133.6	122.6	112.0	102.3	92.4	82.2	71.8	61.1	51.3
-52.5°	144.2	135.4	125.0	114.6	105.2	96.5	86.7	77.0	66.9	57.0	47.8
-55°	134.5	125.6	115.6	106.5	98.2	89.9	80.7	71.4	61.9	52.9	44.2
-57.5°	123.6	114.9	106.3	98.4	90.5	82.7	74.4	65.6	56.9	48.6	40.5
-60°	112.3	104.4	96.9	89.6	82.4	75.3	67.9	59.8	51.8	44.2	36.7
-62.5°	100.6	93.7	87.0	80.5	74.2	67.8	61.3	53.9	46.6	39.7	32.8
-65°	88.9	83.0	76.9	71.5	65.9	60.2	54.4	47.7	41.4	35.1	28.9
-67.5°	77.4	72.4	67.4	62.6	57.6	52.5	47.3	41.8	36.2	30.5	25.2
-70°	66.2	62.0	57.8	53.6	49.2	44.8	40.6	35.9	30.9	26.2	21.5
-72.5°	55.4	52.0	48.3	44.5	41.1	37.6	34.0	30.1	26.0	21.9	17.7
-75°	45.1	42.2	39.1	36.1	33.3	30.3	27.7	24.6	21.1	17.5	14.4
-77.5°	35.2	32.8	30.2	28.1	26.2	24.1	21.8	19.2	16.3	13.7	11.3
-80°	26.2	24.6	23.0	21.3	19.6	17.8	16.0	14.1	12.0	10.0	8.1
-82.5°	18.2	17.0	15.8	14.5	13.2	11.9	10.5	9.1	7.7	6.3	5.4
-85°	10.2	9.4	8.6	7.7	6.9	6.0	5.5	5.1	4.6	4.1	3.6
-87.5°	4.1	3.9	3.7	3.4	3.2	3.0	2.8	2.5	2.3	2.1	1.8
-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: P626785 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA1E-730-U-MR-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	1.0	0.8	0.5	0.3	0.0
85°	3.1	2.6	2.1	1.6	1.0	0.5	0.0
82.5°	4.6	3.9	3.1	2.3	1.6	0.8	0.0
80°	6.3	5.2	4.1	3.1	2.1	1.0	0.0
77.5°	9.0	6.8	5.2	3.9	2.6	1.3	0.0
75°	11.6	9.0	6.3	4.6	3.1	1.6	0.0
72.5°	14.2	11.1	8.1	5.4	3.6	1.8	0.0
70°	16.8	13.3	9.8	6.2	4.1	2.1	0.0
67.5°	20.1	15.4	11.5	7.5	4.6	2.3	0.0
65°	23.3	17.7	13.1	8.8	5.1	2.5	0.0
62.5°	26.4	20.3	14.7	10.0	5.5	2.8	0.0
60°	29.5	22.9	16.3	11.2	6.0	3.0	0.0
57.5°	32.7	25.4	18.3	12.3	6.8	3.2	0.0
55°	35.8	27.8	20.2	13.5	7.5	3.4	0.0
52.5°	38.8	30.2	22.1	14.6	8.3	3.7	0.0
50°	41.8	32.6	24.0	15.6	9.0	3.9	0.0
47.5°	44.5	34.9	25.7	16.7	9.6	4.1	0.0
45°	47.3	37.1	27.4	18.0	10.3	4.2	0.0
42.5°	50.0	39.2	29.0	19.2	10.9	4.4	0.0
40°	52.5	41.1	30.6	20.3	11.5	4.6	0.0
37.5°	54.9	43.0	32.1	21.4	12.1	4.8	0.0
35°	57.1	44.8	33.5	22.4	12.6	4.9	0.0
32.5°	59.2	46.6	34.8	23.3	13.1	5.1	0.0
30°	61.3	48.2	36.0	24.2	13.6	5.2	0.0
27.5°	63.1	49.7	37.0	24.9	14.0	5.3	0.0
25°	64.8	51.1	38.0	25.6	14.4	5.4	0.0
22.5°	66.3	52.3	39.0	26.2	14.8	5.5	0.0
20°	67.6	53.4	39.8	26.8	15.1	5.6	0.0
17.5°	68.7	54.3	40.6	27.2	15.4	5.7	0.0
15°	69.8	55.1	41.3	27.6	15.7	5.8	0.0
12.5°	70.8	55.7	41.8	27.9	15.9	5.9	0.0
10°	71.5	56.2	42.3	28.1	16.1	5.9	0.0
7.5°	72.2	56.5	42.7	28.3	16.2	5.9	0.0
5°	72.6	56.7	43.0	28.4	16.3	6.0	0.0
2.5°	72.9	56.7	43.1	28.4	16.4	6.0	0.0
0°	73.0	56.6	43.2	28.3	16.4	6.0	0.0
-2.5°	72.9	56.7	43.1	28.4	16.4	6.0	0.0
-5°	72.6	56.7	43.0	28.4	16.3	6.0	0.0
-7.5°	72.2	56.5	42.7	28.3	16.2	5.9	0.0
-10°	71.5	56.2	42.3	28.1	16.1	5.9	0.0
-12.5°	70.8	55.7	41.8	27.9	15.9	5.9	0.0
-15°	69.8	55.1	41.3	27.6	15.7	5.8	0.0
-17.5°	68.7	54.3	40.6	27.2	15.4	5.7	0.0
-20°	67.6	53.4	39.8	26.8	15.1	5.6	0.0

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CATALOG NUMBER: GFLD-SA1E-730-U-MR-XX

CANDELA DISTRIBUTION (continued):

	75°	77.5°	80°	82.5°	85°	87.5°	90°
-22.5°	66.3	52.3	39.0	26.2	14.8	5.5	0.0
-25°	64.8	51.1	38.0	25.6	14.4	5.4	0.0
-27.5°	63.1	49.7	37.0	24.9	14.0	5.3	0.0
-30°	61.3	48.2	36.0	24.2	13.6	5.2	0.0
-32.5°	59.2	46.6	34.8	23.3	13.1	5.1	0.0
-35°	57.1	44.8	33.5	22.4	12.6	4.9	0.0
-37.5°	54.9	43.0	32.1	21.4	12.1	4.8	0.0
-40°	52.5	41.1	30.6	20.3	11.5	4.6	0.0
-42.5°	50.0	39.2	29.0	19.2	10.9	4.4	0.0
-45°	47.3	37.1	27.4	18.0	10.3	4.2	0.0
-47.5°	44.5	34.9	25.7	16.7	9.6	4.1	0.0
-50°	41.8	32.6	24.0	15.6	9.0	3.9	0.0
-52.5°	38.8	30.2	22.1	14.6	8.3	3.7	0.0
-55°	35.8	27.8	20.2	13.5	7.5	3.4	0.0
-57.5°	32.7	25.4	18.3	12.3	6.8	3.2	0.0
-60°	29.5	22.9	16.3	11.2	6.0	3.0	0.0
-62.5°	26.4	20.3	14.7	10.0	5.5	2.8	0.0
-65°	23.3	17.7	13.1	8.8	5.1	2.5	0.0
-67.5°	20.1	15.4	11.5	7.5	4.6	2.3	0.0
-70°	16.8	13.3	9.8	6.2	4.1	2.1	0.0
-72.5°	14.2	11.1	8.1	5.4	3.6	1.8	0.0
-75°	11.6	9.0	6.3	4.6	3.1	1.6	0.0
-77.5°	9.0	6.8	5.2	3.9	2.6	1.3	0.0
-80°	6.3	5.2	4.1	3.1	2.1	1.0	0.0
-82.5°	4.6	3.9	3.1	2.3	1.6	0.8	0.0
-85°	3.1	2.6	2.1	1.6	1.0	0.5	0.0
-87.5°	1.6	1.3	1.0	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)