

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: P626695 (CONVERTED FROM TYPE C PHOTOMETRY)

Luminaire Tested: **GFLD-SA1C-750-U-MR-XX**

Issue Date: 12/7/2022

Test Information

Test Method: LM-79-08
Report Number: P626695 (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-SA1C-750-U-MR-XX
Description: GALLEON FLOOD, ONE LIGHT SQAURE, MEDIUM SYMMETRICAL ROUND N31
Light Source: (16) 5000K CCT, 70 CRI LEDS
Ballast/Driver: -

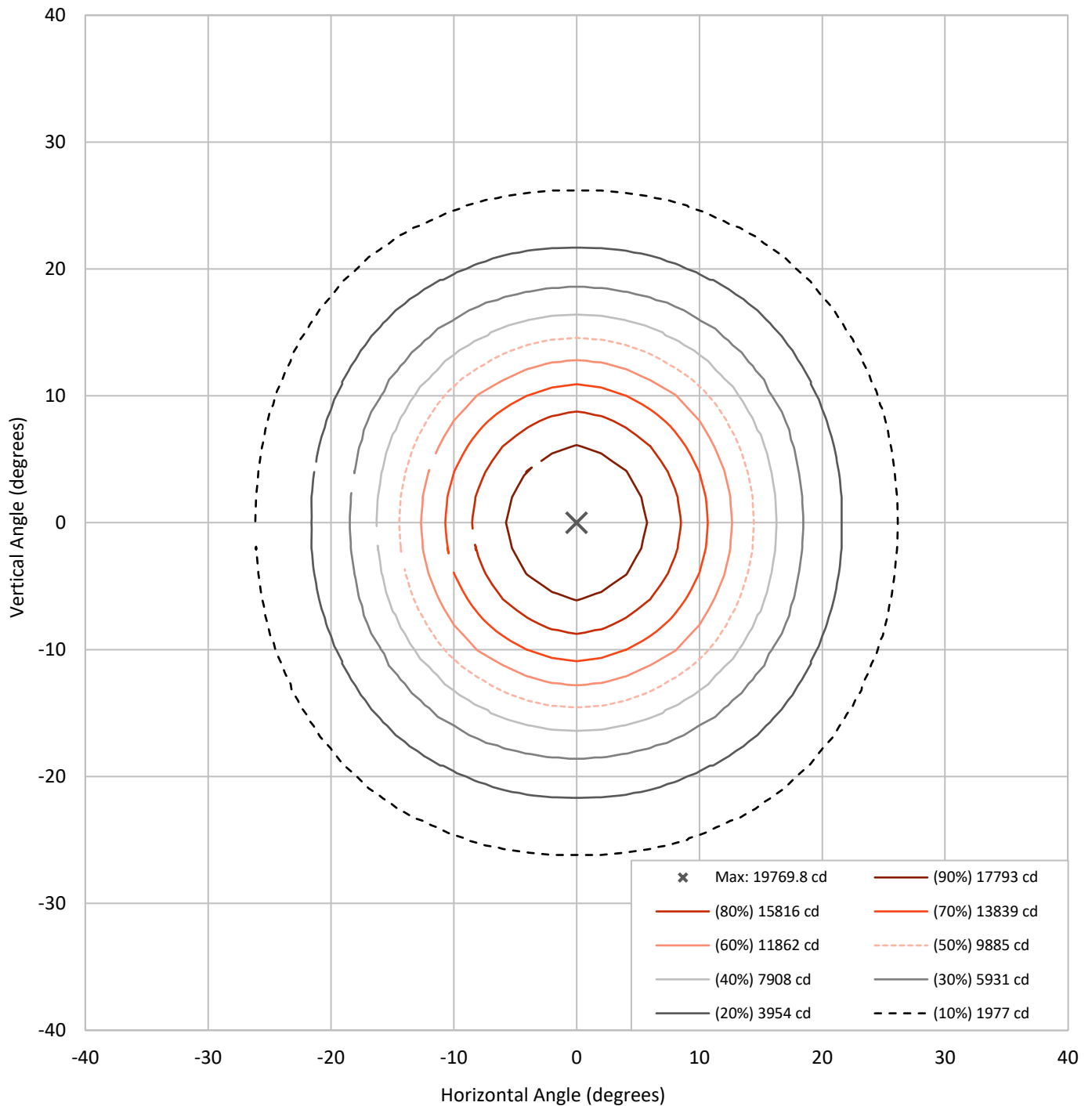
Summary

Lumens per Lamp:	N/A	NEMA Type:	4H x 4V
Luminaire Lumens:	6176.8 lumens	Max Intensity:	19769.8 candela
Efficiency:	N/A	Max Intensity Angle:	0°H x 0°V
Efficacy:	142.0 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:	3003.1 lumens	Field Lumens:	5067.9 lumens
Beam Efficiency:	48.6%	Field Efficiency:	82.0%
Input Watts (W):	43.5		
Input Voltage (V):	120		
Input Current (Ain):	NR		
Voltage Rise (V):	NR		
Power Factor:	NR		
Total Harmonic Distortion (THDi):	NR		
Frequency (hertz):	60		
Stabilization Time:	NR		
Operation Time:	NR		
Ambient Temperature (°C):	NR		
Test Distance:	25 FT		



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Iso-Candela Plot





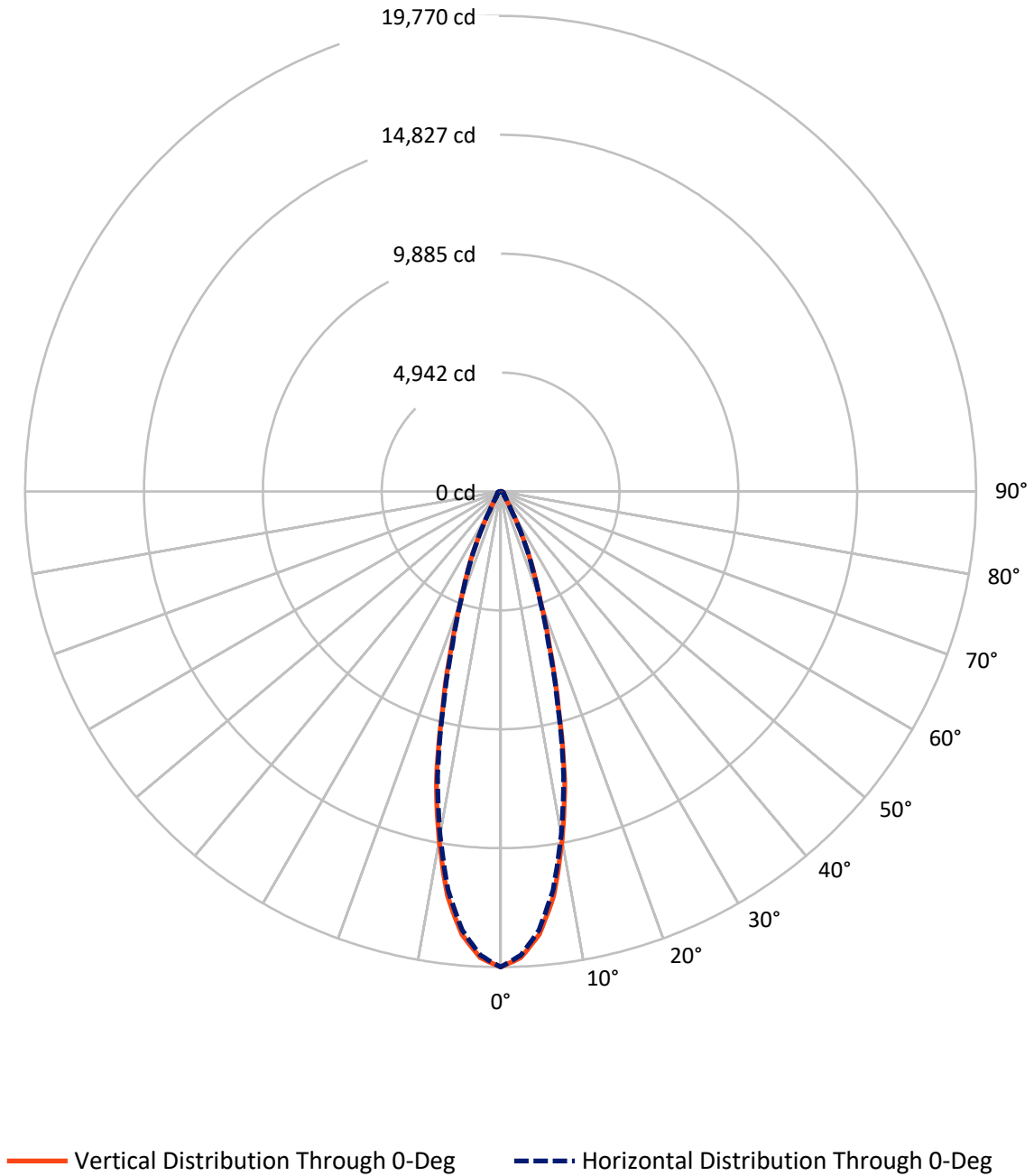
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Lumen Table

90	0.1	1.0	2.7	4.2	4.7	4.2	2.7	1.0	0.1							
80	0.1	1.0	2.7	4.2	4.7	4.2	2.7	1.0	0.1							
70	0.5	0.5	1.1	1.7	2.4	3.0	3.3	3.5	3.5	3.3	3.0	2.4	1.7	1.1	0.5	0.5
60		0.8	1.6	2.6	3.5	4.2	4.8	4.9	4.9	4.8	4.2	3.5	2.6	1.6	0.8	
50	0.8	1.0	2.0	3.2	4.2	5.4	6.3	6.8	6.8	6.3	5.4	4.2	3.2	2.0	1.0	0.8
40		1.2	2.4	3.7	5.2	7.4	10.7	13.9	13.9	10.7	7.4	5.2	3.7	2.4	1.2	
30	1.0	1.3	2.6	4.1	6.6	14.4	40.7	72.1	72.1	40.7	14.4	6.6	4.1	2.6	1.3	1.0
20		1.4	2.8	4.5	9.0	37.9	135.1	258.9	258.9	135.1	37.9	9.0	4.5	2.8	1.4	
10	1.1	1.5	2.8	4.7	11.5	65.4	250.1	491.9	491.9	250.1	65.4	11.5	4.7	2.8	1.5	1.1
0		1.5	2.8	4.7	11.5	65.4	250.1	491.9	491.9	250.1	65.4	11.5	4.7	2.8	1.5	
-10	1.0	1.4	2.8	4.5	9.0	37.9	135.1	258.9	258.9	135.1	37.9	9.0	4.5	2.8	1.4	1.0
-20		1.3	2.6	4.1	6.6	14.4	40.7	72.1	72.1	40.7	14.4	6.6	4.1	2.6	1.3	
-30	0.8	1.2	2.4	3.7	5.2	7.4	10.7	13.9	13.9	10.7	7.4	5.2	3.7	2.4	1.2	0.8
-40		1.0	2.0	3.2	4.2	5.4	6.3	6.8	6.8	6.3	5.4	4.2	3.2	2.0	1.0	
-50	0.5	0.8	1.6	2.6	3.5	4.2	4.8	4.9	4.9	4.8	4.2	3.5	2.6	1.6	0.8	0.5
-60		0.5	1.1	1.7	2.4	3.0	3.3	3.5	3.5	3.3	3.0	2.4	1.7	1.1	0.5	
-70	0.1	1.0	2.7	4.2	4.7	4.2	2.7	1.0	0.1							
-80		0.1	1.0	2.7	4.2	4.7	4.2	2.7	1.0	0.1						
-90	0.1	1.0	2.7	4.2	4.7	4.2	2.7	1.0	0.1							

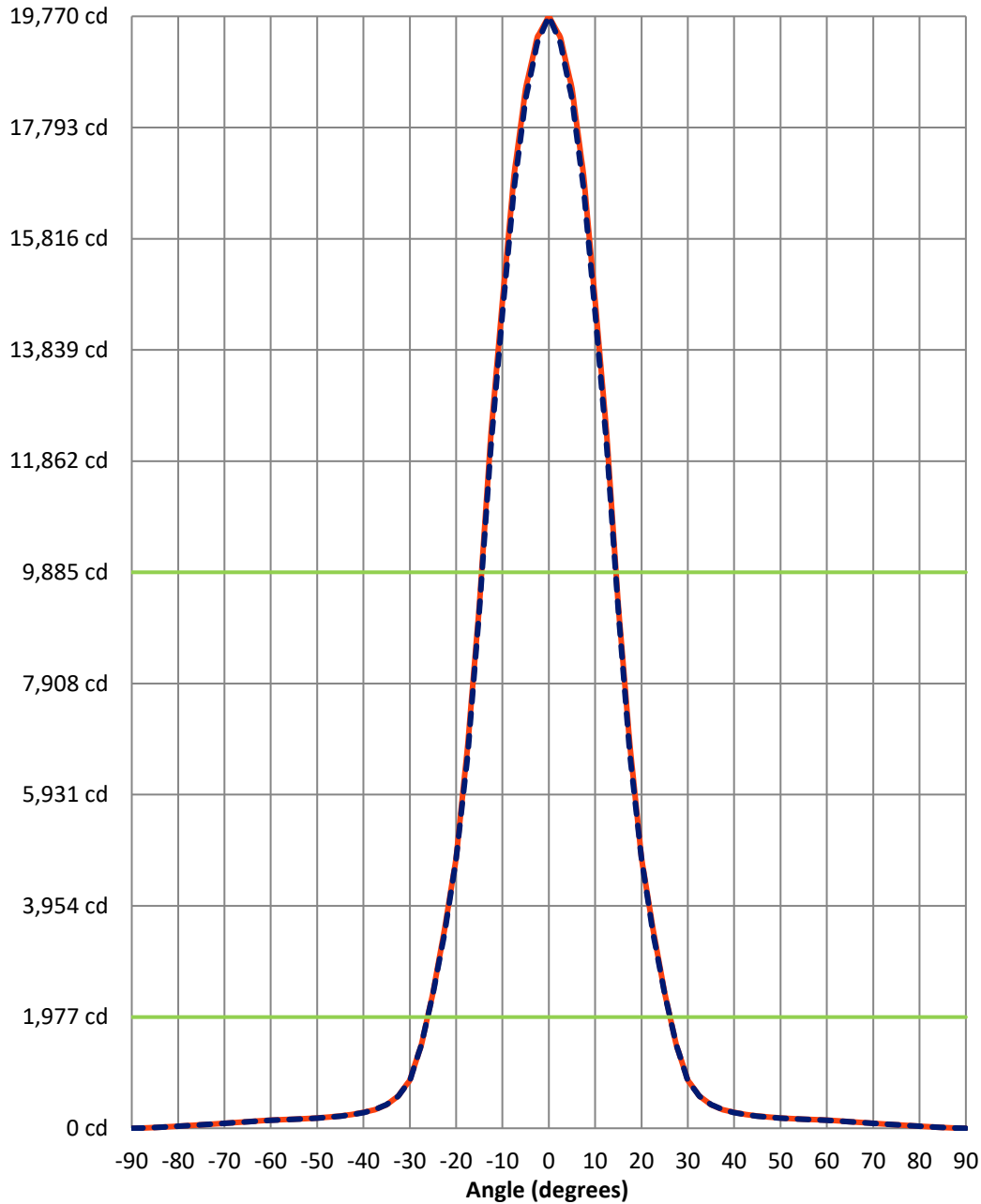
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Luminous Intensity Polar Plot



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Luminous Intensity Plot



Beam:
H Angle: 28.8°
V Angle: 29°
Lumens: 3003.1
Efficiency: 48.6%

Field:
H Angle: 52.3°
V Angle: 52.3°
Lumens: 5067.9
Efficiency: 82.0%

Spill:
Lumens: 1108.8
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	0.2	0.4	0.7	0.9	1.1	1.3	1.5	1.7	2.0	2.2
85°	0.0	0.4	0.9	1.3	1.8	2.2	2.6	3.1	3.5	3.9	4.3
82.5°	0.0	0.7	1.3	2.0	2.6	3.3	3.9	4.6	5.3	6.5	7.8
80°	0.0	0.9	1.8	2.6	3.5	4.4	5.4	6.9	8.5	10.2	12.0
77.5°	0.0	1.1	2.2	3.3	4.4	5.8	7.6	9.6	11.7	13.9	16.3
75°	0.0	1.3	2.6	3.9	5.4	7.6	9.9	12.3	14.9	17.9	20.9
72.5°	0.0	1.5	3.1	4.6	6.9	9.5	12.1	15.1	18.6	22.1	25.6
70°	0.0	1.7	3.5	5.3	8.3	11.3	14.4	18.3	22.3	26.3	30.6
67.5°	0.0	2.0	3.9	6.4	9.8	13.1	17.1	21.5	25.9	30.8	35.6
65°	0.0	2.2	4.3	7.5	11.2	15.1	19.8	24.6	29.9	35.3	40.6
62.5°	0.0	2.4	4.7	8.5	12.6	17.4	22.5	27.9	33.8	39.7	45.8
60°	0.0	2.5	5.1	9.5	13.9	19.5	25.1	31.3	37.6	44.2	50.9
57.5°	0.0	2.7	5.8	10.5	15.6	21.7	27.8	34.5	41.4	48.5	55.9
55°	0.0	2.9	6.4	11.5	17.3	23.7	30.5	37.7	45.1	52.7	60.8
52.5°	0.0	3.1	7.0	12.4	18.9	25.7	33.1	40.8	48.6	57.0	65.6
50°	0.0	3.3	7.6	13.3	20.4	27.8	35.6	43.7	52.1	61.1	70.0
47.5°	0.0	3.4	8.2	14.3	21.9	29.7	38.0	46.6	55.6	65.1	74.1
45°	0.0	3.6	8.8	15.3	23.4	31.6	40.3	49.3	59.0	68.6	78.0
42.5°	0.0	3.8	9.3	16.4	24.7	33.4	42.6	52.1	62.2	72.0	81.7
40°	0.0	3.9	9.8	17.4	26.1	35.1	44.7	54.7	65.2	75.1	85.1
37.5°	0.0	4.0	10.3	18.3	27.3	36.6	46.7	57.2	67.9	78.1	88.3
35°	0.0	4.2	10.8	19.1	28.5	38.2	48.7	59.6	70.4	80.9	91.4
32.5°	0.0	4.3	11.2	19.9	29.6	39.7	50.5	61.7	72.7	83.5	94.3
30°	0.0	4.4	11.6	20.6	30.6	41.1	52.2	63.7	74.9	86.0	97.1
27.5°	0.0	4.5	12.0	21.3	31.6	42.3	53.8	65.4	76.9	88.3	99.6
25°	0.0	4.6	12.3	21.8	32.4	43.5	55.2	67.0	78.7	90.3	102.0
22.5°	0.0	4.7	12.6	22.4	33.2	44.6	56.4	68.4	80.3	92.2	104.3
20°	0.0	4.8	12.9	22.8	33.9	45.5	57.6	69.7	81.8	93.8	106.3
17.5°	0.0	4.9	13.2	23.2	34.6	46.3	58.6	70.8	83.0	95.3	108.1
15°	0.0	4.9	13.4	23.5	35.1	46.9	59.5	71.8	84.1	96.5	109.6
12.5°	0.0	5.0	13.6	23.8	35.6	47.5	60.3	72.7	85.1	97.5	110.9
10°	0.0	5.0	13.7	24.0	36.0	47.8	61.0	73.5	86.0	98.7	112.0
7.5°	0.0	5.1	13.8	24.1	36.4	48.1	61.5	74.1	86.7	99.7	113.3
5°	0.0	5.1	13.9	24.2	36.6	48.3	61.9	74.6	87.2	100.5	114.3
2.5°	0.0	5.1	14.0	24.2	36.8	48.3	62.1	74.8	87.5	101.1	115.1
0°	0.0	5.1	14.0	24.1	36.8	48.2	62.2	74.9	87.6	101.5	115.5
-2.5°	0.0	5.1	14.0	24.2	36.8	48.3	62.1	74.8	87.5	101.1	115.1
-5°	0.0	5.1	13.9	24.2	36.6	48.3	61.9	74.6	87.2	100.5	114.3
-7.5°	0.0	5.1	13.8	24.1	36.4	48.1	61.5	74.1	86.7	99.7	113.3
-10°	0.0	5.0	13.7	24.0	36.0	47.8	61.0	73.5	86.0	98.7	112.0
-12.5°	0.0	5.0	13.6	23.8	35.6	47.5	60.3	72.7	85.1	97.5	110.9
-15°	0.0	4.9	13.4	23.5	35.1	46.9	59.5	71.8	84.1	96.5	109.6
-17.5°	0.0	4.9	13.2	23.2	34.6	46.3	58.6	70.8	83.0	95.3	108.1
-20°	0.0	4.8	12.9	22.8	33.9	45.5	57.6	69.7	81.8	93.8	106.3

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Scaled Data Report



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CATALOG NUMBER: GFLD-SA1C-750-U-MR-XX

CANDELA DISTRIBUTION (continued):

	-90°	-87.5°	-85°	-82.5°	-80°	-77.5°	-75°	-72.5°	-70°	-67.5°	-65°
-22.5°	0.0	4.7	12.6	22.4	33.2	44.6	56.4	68.4	80.3	92.2	104.3
-25°	0.0	4.6	12.3	21.8	32.4	43.5	55.2	67.0	78.7	90.3	102.0
-27.5°	0.0	4.5	12.0	21.3	31.6	42.3	53.8	65.4	76.9	88.3	99.6
-30°	0.0	4.4	11.6	20.6	30.6	41.1	52.2	63.7	74.9	86.0	97.1
-32.5°	0.0	4.3	11.2	19.9	29.6	39.7	50.5	61.7	72.7	83.5	94.3
-35°	0.0	4.2	10.8	19.1	28.5	38.2	48.7	59.6	70.4	80.9	91.4
-37.5°	0.0	4.0	10.3	18.3	27.3	36.6	46.7	57.2	67.9	78.1	88.3
-40°	0.0	3.9	9.8	17.4	26.1	35.1	44.7	54.7	65.2	75.1	85.1
-42.5°	0.0	3.8	9.3	16.4	24.7	33.4	42.6	52.1	62.2	72.0	81.7
-45°	0.0	3.6	8.8	15.3	23.4	31.6	40.3	49.3	59.0	68.6	78.0
-47.5°	0.0	3.4	8.2	14.3	21.9	29.7	38.0	46.6	55.6	65.1	74.1
-50°	0.0	3.3	7.6	13.3	20.4	27.8	35.6	43.7	52.1	61.1	70.0
-52.5°	0.0	3.1	7.0	12.4	18.9	25.7	33.1	40.8	48.6	57.0	65.6
-55°	0.0	2.9	6.4	11.5	17.3	23.7	30.5	37.7	45.1	52.7	60.8
-57.5°	0.0	2.7	5.8	10.5	15.6	21.7	27.8	34.5	41.4	48.5	55.9
-60°	0.0	2.5	5.1	9.5	13.9	19.5	25.1	31.3	37.6	44.2	50.9
-62.5°	0.0	2.4	4.7	8.5	12.6	17.4	22.5	27.9	33.8	39.7	45.8
-65°	0.0	2.2	4.3	7.5	11.2	15.1	19.8	24.6	29.9	35.3	40.6
-67.5°	0.0	2.0	3.9	6.4	9.8	13.1	17.1	21.5	25.9	30.8	35.6
-70°	0.0	1.7	3.5	5.3	8.3	11.3	14.4	18.3	22.3	26.3	30.6
-72.5°	0.0	1.5	3.1	4.6	6.9	9.5	12.1	15.1	18.6	22.1	25.6
-75°	0.0	1.3	2.6	3.9	5.4	7.6	9.9	12.3	14.9	17.9	20.9
-77.5°	0.0	1.1	2.2	3.3	4.4	5.8	7.6	9.6	11.7	13.9	16.3
-80°	0.0	0.9	1.8	2.6	3.5	4.4	5.4	6.9	8.5	10.2	12.0
-82.5°	0.0	0.7	1.3	2.0	2.6	3.3	3.9	4.6	5.3	6.5	7.8
-85°	0.0	0.4	0.9	1.3	1.8	2.2	2.6	3.1	3.5	3.9	4.3
-87.5°	0.0	0.2	0.4	0.7	0.9	1.1	1.3	1.5	1.7	2.0	2.2
-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°	2.4	2.5	2.7	2.9	3.1	3.3	3.4	3.6	3.8	3.9	4.0
85°	4.7	5.1	5.8	6.6	7.3	8.0	8.6	9.3	9.9	10.5	11.0
82.5°	9.0	10.1	11.2	12.3	13.4	14.4	15.4	16.4	17.3	18.2	19.1
80°	13.6	15.1	16.7	18.1	19.6	20.9	22.3	23.6	24.8	26.1	27.5
77.5°	18.5	20.5	22.3	24.0	25.8	27.9	30.0	32.0	33.9	35.8	37.5
75°	23.5	25.8	28.3	30.8	33.4	35.9	38.5	40.9	43.3	45.7	48.1
72.5°	28.9	32.0	35.0	37.9	41.1	44.3	47.2	49.8	52.8	56.1	59.1
70°	34.5	38.1	41.9	45.6	49.2	52.8	56.4	60.0	63.6	67.1	70.5
67.5°	40.2	44.7	49.0	53.3	57.4	61.6	65.9	70.3	74.4	78.4	82.3
65°	46.3	51.3	56.1	60.9	65.5	70.6	75.7	80.5	85.8	90.8	95.0
62.5°	52.2	57.8	63.2	68.5	74.1	79.8	85.6	91.7	98.1	102.6	106.6
60°	57.9	64.2	70.2	76.3	82.5	88.9	95.6	102.2	107.9	112.9	117.1
57.5°	63.4	70.5	77.1	83.7	90.5	97.8	105.2	111.9	117.3	122.1	126.6
55°	68.8	76.5	83.6	90.7	98.4	107.0	114.5	120.6	126.1	130.1	134.4
52.5°	73.8	82.2	89.6	97.5	106.4	115.3	122.8	128.6	133.3	137.4	141.6
50°	78.7	87.1	95.3	104.4	113.7	122.6	130.3	135.6	140.3	144.5	148.6
47.5°	83.1	91.9	101.2	110.8	120.6	129.4	136.7	142.2	147.0	151.4	155.9
45°	87.3	96.7	106.6	117.2	127.2	135.9	142.5	148.4	153.1	158.0	163.6
42.5°	91.3	101.3	112.0	123.3	133.5	141.5	148.0	153.6	159.0	164.9	171.1
40°	95.2	105.7	117.2	129.1	139.5	146.5	152.9	158.9	165.0	171.7	178.6
37.5°	98.8	110.1	122.1	134.5	143.9	151.1	157.8	164.4	171.3	178.6	187.1
35°	102.2	114.1	126.7	138.7	147.8	155.6	162.8	170.0	177.7	186.6	196.0
32.5°	105.5	117.8	131.1	142.3	151.3	159.6	167.6	175.7	184.6	194.4	205.0
30°	108.7	121.4	134.9	146.0	154.4	163.0	172.3	181.3	191.2	202.0	214.6
27.5°	111.8	124.8	138.0	148.8	157.2	165.9	175.8	186.9	197.7	209.5	224.1
25°	114.6	128.3	141.1	151.1	159.6	168.7	179.1	190.8	203.5	217.6	235.5
22.5°	117.3	131.4	144.1	153.0	161.6	171.2	182.3	194.7	208.5	224.9	246.7
20°	119.8	133.8	146.1	154.8	163.2	173.1	185.1	198.1	213.9	233.7	259.8
17.5°	122.0	135.9	147.4	156.3	164.9	175.1	187.4	201.1	218.7	241.6	272.4
15°	123.9	137.5	148.6	157.4	166.4	177.2	189.8	204.7	224.1	249.2	283.3
12.5°	125.5	138.9	149.6	158.2	167.5	178.7	191.9	208.2	229.4	257.6	298.0
10°	126.7	139.8	150.4	158.7	168.3	179.7	193.6	211.0	233.7	264.6	310.6
7.5°	127.9	140.7	151.0	158.9	168.8	180.2	194.7	212.9	236.9	269.8	320.6
5°	128.7	141.5	151.3	159.4	169.1	180.4	195.5	214.0	238.9	273.3	327.6
2.5°	129.2	141.9	151.3	159.8	169.1	180.5	196.4	214.7	241.1	276.2	331.7
0°	129.4	142.1	151.0	159.9	168.8	180.2	196.7	214.5	242.4	277.9	332.5
-2.5°	129.2	141.9	151.3	159.8	169.1	180.5	196.4	214.7	241.1	276.2	331.7
-5°	128.7	141.5	151.3	159.4	169.1	180.4	195.5	214.0	238.9	273.3	327.6
-7.5°	127.9	140.7	151.0	158.9	168.8	180.2	194.7	212.9	236.9	269.8	320.6
-10°	126.7	139.8	150.4	158.7	168.3	179.7	193.6	211.0	233.7	264.6	310.6
-12.5°	125.5	138.9	149.6	158.2	167.5	178.7	191.9	208.2	229.4	257.6	298.0
-15°	123.9	137.5	148.6	157.4	166.4	177.2	189.8	204.7	224.1	249.2	283.3
-17.5°	122.0	135.9	147.4	156.3	164.9	175.1	187.4	201.1	218.7	241.6	272.4
-20°	119.8	133.8	146.1	154.8	163.2	173.1	185.1	198.1	213.9	233.7	259.8

Classified

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

Scaled Data Report



REPORT NUMBER: P626695 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA1C-750-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°	117.3	131.4	144.1	153.0	161.6	171.2	182.3	194.7	208.5	224.9	246.7
-25°	114.6	128.3	141.1	151.1	159.6	168.7	179.1	190.8	203.5	217.6	235.5
-27.5°	111.8	124.8	138.0	148.8	157.2	165.9	175.8	186.9	197.7	209.5	224.1
-30°	108.7	121.4	134.9	146.0	154.4	163.0	172.3	181.3	191.2	202.0	214.6
-32.5°	105.5	117.8	131.1	142.3	151.3	159.6	167.6	175.7	184.6	194.4	205.0
-35°	102.2	114.1	126.7	138.7	147.8	155.6	162.8	170.0	177.7	186.6	196.0
-37.5°	98.8	110.1	122.1	134.5	143.9	151.1	157.8	164.4	171.3	178.6	187.1
-40°	95.2	105.7	117.2	129.1	139.5	146.5	152.9	158.9	165.0	171.7	178.6
-42.5°	91.3	101.3	112.0	123.3	133.5	141.5	148.0	153.6	159.0	164.9	171.1
-45°	87.3	96.7	106.6	117.2	127.2	135.9	142.5	148.4	153.1	158.0	163.6
-47.5°	83.1	91.9	101.2	110.8	120.6	129.4	136.7	142.2	147.0	151.4	155.9
-50°	78.7	87.1	95.3	104.4	113.7	122.6	130.3	135.6	140.3	144.5	148.6
-52.5°	73.8	82.2	89.6	97.5	106.4	115.3	122.8	128.6	133.3	137.4	141.6
-55°	68.8	76.5	83.6	90.7	98.4	107.0	114.5	120.6	126.1	130.1	134.4
-57.5°	63.4	70.5	77.1	83.7	90.5	97.8	105.2	111.9	117.3	122.1	126.6
-60°	57.9	64.2	70.2	76.3	82.5	88.9	95.6	102.2	107.9	112.9	117.1
-62.5°	52.2	57.8	63.2	68.5	74.1	79.8	85.6	91.7	98.1	102.6	106.6
-65°	46.3	51.3	56.1	60.9	65.5	70.6	75.7	80.5	85.8	90.8	95.0
-67.5°	40.2	44.7	49.0	53.3	57.4	61.6	65.9	70.3	74.4	78.4	82.3
-70°	34.5	38.1	41.9	45.6	49.2	52.8	56.4	60.0	63.6	67.1	70.5
-72.5°	28.9	32.0	35.0	37.9	41.1	44.3	47.2	49.8	52.8	56.1	59.1
-75°	23.5	25.8	28.3	30.8	33.4	35.9	38.5	40.9	43.3	45.7	48.1
-77.5°	18.5	20.5	22.3	24.0	25.8	27.9	30.0	32.0	33.9	35.8	37.5
-80°	13.6	15.1	16.7	18.1	19.6	20.9	22.3	23.6	24.8	26.1	27.5
-82.5°	9.0	10.1	11.2	12.3	13.4	14.4	15.4	16.4	17.3	18.2	19.1
-85°	4.7	5.1	5.8	6.6	7.3	8.0	8.6	9.3	9.9	10.5	11.0
-87.5°	2.4	2.5	2.7	2.9	3.1	3.3	3.4	3.6	3.8	3.9	4.0
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



REPORT NUMBER: P626695 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA1C-750-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°	4.2	4.3	4.4	4.5	4.6	4.7	4.8	4.9	4.9	5.0	5.0
85°	11.5	12.0	12.5	12.9	13.3	13.4	13.5	13.5	13.4	13.6	13.7
82.5°	19.8	20.7	21.6	22.5	23.4	23.7	23.9	24.1	24.2	24.6	24.9
80°	28.8	30.2	31.5	32.7	33.7	34.5	35.2	35.8	36.4	36.6	36.7
77.5°	39.3	41.0	42.6	44.0	45.4	46.5	47.4	48.1	48.6	49.0	49.2
75°	50.5	52.6	54.5	56.3	58.0	59.1	59.9	60.6	61.0	61.4	61.7
72.5°	61.8	64.3	66.6	68.7	70.6	71.9	72.8	73.6	74.2	74.6	74.8
70°	73.7	76.7	79.2	81.3	83.0	84.3	85.3	86.1	86.7	87.2	87.4
67.5°	86.0	89.2	91.5	93.4	94.9	96.3	97.6	98.5	99.1	99.7	100.4
65°	98.6	101.8	104.2	106.3	107.9	109.6	111.2	112.4	113.2	113.9	114.6
62.5°	110.5	114.1	116.9	119.5	122.1	124.6	126.1	127.2	128.0	128.7	129.5
60°	121.2	125.3	128.7	131.9	135.1	138.4	139.7	140.7	141.7	142.7	143.5
57.5°	130.7	135.1	139.2	142.4	145.5	148.5	150.6	151.8	152.5	153.0	153.3
55°	139.0	143.4	147.6	151.2	154.5	157.6	160.0	161.1	161.9	162.4	162.7
52.5°	146.5	151.1	155.6	159.6	163.2	166.5	169.4	171.0	172.3	173.2	173.5
50°	153.8	158.8	163.6	167.9	172.1	176.2	179.9	182.0	183.5	184.5	184.7
47.5°	161.4	166.9	172.1	177.1	181.8	186.6	191.0	194.0	196.1	197.7	198.8
45°	169.3	175.2	181.0	186.9	192.4	198.5	204.1	208.3	211.5	214.2	216.4
42.5°	177.3	183.9	190.6	198.1	205.6	212.6	219.3	224.9	230.0	235.1	239.0
40°	186.0	193.3	202.3	211.3	220.5	228.7	238.3	246.9	254.8	263.4	270.5
37.5°	195.5	204.8	215.5	226.2	238.3	250.0	263.5	276.8	288.3	303.3	315.3
35°	205.9	217.7	230.3	244.7	260.2	278.6	297.4	319.5	338.3	362.1	384.1
32.5°	217.4	231.3	247.6	267.4	288.4	317.9	345.5	383.0	415.0	456.4	501.6
30°	229.2	247.0	269.3	294.9	330.4	372.2	420.9	484.3	552.8	623.8	719.3
27.5°	243.0	266.2	294.1	333.6	386.7	444.5	543.8	651.0	800.3	918.6	1129.2
25°	258.0	286.7	327.9	385.1	458.4	575.5	743.1	937.2	1236.0	1501.9	1807.4
22.5°	275.7	314.8	369.3	444.1	572.0	773.4	1035.1	1433.6	1876.6	2313.9	2713.5
20°	294.5	341.7	417.8	539.8	737.4	1028.7	1495.5	2064.9	2653.1	3252.3	3757.3
17.5°	316.4	380.5	480.8	642.8	924.7	1423.5	2046.9	2771.0	3539.4	4304.0	4968.3
15°	335.2	414.5	549.5	792.1	1212.5	1836.4	2602.6	3517.1	4483.3	5475.7	6551.3
12.5°	359.2	455.4	620.3	915.5	1467.8	2278.7	3216.2	4278.0	5458.0	6775.6	8452.3
10°	381.3	498.3	713.4	1113.4	1774.8	2692.0	3746.3	4951.0	6481.5	8461.5	10484.1
7.5°	398.9	532.4	785.6	1267.7	2032.3	3045.0	4223.7	5667.9	7577.4	9935.1	12246.0
5°	411.2	555.9	837.3	1384.4	2239.3	3314.8	4562.4	6196.5	8501.1	11141.3	13500.9
2.5°	418.9	568.9	862.6	1453.6	2374.4	3477.1	4773.7	6532.4	9067.2	11909.2	14298.2
0°	422.6	571.1	846.4	1487.3	2393.3	3465.7	4793.0	6644.5	9201.6	12117.7	14497.1
-2.5°	418.9	568.9	862.6	1453.6	2374.4	3477.1	4773.7	6532.4	9067.2	11909.2	14298.2
-5°	411.2	555.9	837.3	1384.4	2239.3	3314.8	4562.4	6196.5	8501.1	11141.3	13500.9
-7.5°	398.9	532.4	785.6	1267.7	2032.3	3045.0	4223.7	5667.9	7577.4	9935.1	12246.0
-10°	381.3	498.3	713.4	1113.4	1774.8	2692.0	3746.3	4951.0	6481.5	8461.5	10484.1
-12.5°	359.2	455.4	620.3	915.5	1467.8	2278.7	3216.2	4278.0	5458.0	6775.6	8452.3
-15°	335.2	414.5	549.5	792.1	1212.5	1836.4	2602.6	3517.1	4483.3	5475.7	6551.3
-17.5°	316.4	380.5	480.8	642.8	924.7	1423.5	2046.9	2771.0	3539.4	4304.0	4968.3
-20°	294.5	341.7	417.8	539.8	737.4	1028.7	1495.5	2064.9	2653.1	3252.3	3757.3

Classified

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

Scaled Data Report



REPORT NUMBER: P626695 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA1C-750-U-MR-XX

CANDELA DISTRIBUTION (continued):

	-35°	-32.5°	-30°	-27.5°	-25°	-22.5°	-20°	-17.5°	-15°	-12.5°	-10°
-22.5°	275.7	314.8	369.3	444.1	572.0	773.4	1035.1	1433.6	1876.6	2313.9	2713.5
-25°	258.0	286.7	327.9	385.1	458.4	575.5	743.1	937.2	1236.0	1501.9	1807.4
-27.5°	243.0	266.2	294.1	333.6	386.7	444.5	543.8	651.0	800.3	918.6	1129.2
-30°	229.2	247.0	269.3	294.9	330.4	372.2	420.9	484.3	552.8	623.8	719.3
-32.5°	217.4	231.3	247.6	267.4	288.4	317.9	345.5	383.0	415.0	456.4	501.6
-35°	205.9	217.7	230.3	244.7	260.2	278.6	297.4	319.5	338.3	362.1	384.1
-37.5°	195.5	204.8	215.5	226.2	238.3	250.0	263.5	276.8	288.3	303.3	315.3
-40°	186.0	193.3	202.3	211.3	220.5	228.7	238.3	246.9	254.8	263.4	270.5
-42.5°	177.3	183.9	190.6	198.1	205.6	212.6	219.3	224.9	230.0	235.1	239.0
-45°	169.3	175.2	181.0	186.9	192.4	198.5	204.1	208.3	211.5	214.2	216.4
-47.5°	161.4	166.9	172.1	177.1	181.8	186.6	191.0	194.0	196.1	197.7	198.8
-50°	153.8	158.8	163.6	167.9	172.1	176.2	179.9	182.0	183.5	184.5	184.7
-52.5°	146.5	151.1	155.6	159.6	163.2	166.5	169.4	171.0	172.3	173.2	173.5
-55°	139.0	143.4	147.6	151.2	154.5	157.6	160.0	161.1	161.9	162.4	162.7
-57.5°	130.7	135.1	139.2	142.4	145.5	148.5	150.6	151.8	152.5	153.0	153.3
-60°	121.2	125.3	128.7	131.9	135.1	138.4	139.7	140.7	141.7	142.7	143.5
-62.5°	110.5	114.1	116.9	119.5	122.1	124.6	126.1	127.2	128.0	128.7	129.5
-65°	98.6	101.8	104.2	106.3	107.9	109.6	111.2	112.4	113.2	113.9	114.6
-67.5°	86.0	89.2	91.5	93.4	94.9	96.3	97.6	98.5	99.1	99.7	100.4
-70°	73.7	76.7	79.2	81.3	83.0	84.3	85.3	86.1	86.7	87.2	87.4
-72.5°	61.8	64.3	66.6	68.7	70.6	71.9	72.8	73.6	74.2	74.6	74.8
-75°	50.5	52.6	54.5	56.3	58.0	59.1	59.9	60.6	61.0	61.4	61.7
-77.5°	39.3	41.0	42.6	44.0	45.4	46.5	47.4	48.1	48.6	49.0	49.2
-80°	28.8	30.2	31.5	32.7	33.7	34.5	35.2	35.8	36.4	36.6	36.7
-82.5°	19.8	20.7	21.6	22.5	23.4	23.7	23.9	24.1	24.2	24.6	24.9
-85°	11.5	12.0	12.5	12.9	13.3	13.4	13.5	13.5	13.4	13.6	13.7
-87.5°	4.2	4.3	4.4	4.5	4.6	4.7	4.8	4.9	4.9	5.0	5.0
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



REPORT NUMBER: P626695 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA1C-750-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°	5.1	5.1	5.1	5.1	5.1	5.1	5.1	5.0	5.0	4.9	4.9
85°	13.8	13.9	14.0	14.0	14.0	13.9	13.8	13.7	13.6	13.4	13.5
82.5°	25.1	25.3	25.4	25.4	25.4	25.3	25.1	24.9	24.6	24.2	24.1
80°	36.7	36.6	36.8	36.8	36.8	36.6	36.7	36.7	36.6	36.4	35.8
77.5°	49.3	49.3	49.4	49.5	49.4	49.3	49.3	49.2	49.0	48.6	48.1
75°	61.9	61.9	62.1	62.2	62.1	61.9	61.9	61.7	61.4	61.0	60.6
72.5°	74.8	74.6	74.8	74.9	74.8	74.6	74.8	74.8	74.6	74.2	73.6
70°	87.4	87.3	88.1	88.8	88.1	87.3	87.4	87.4	87.2	86.7	86.1
67.5°	100.8	101.1	102.0	102.8	102.0	101.1	100.8	100.4	99.7	99.1	98.5
65°	115.0	115.1	115.9	116.7	115.9	115.1	115.0	114.6	113.9	113.2	112.4
62.5°	130.0	130.2	131.1	132.0	131.1	130.2	130.0	129.5	128.7	128.0	127.2
60°	144.0	144.2	144.5	144.7	144.5	144.2	144.0	143.5	142.7	141.7	140.7
57.5°	153.4	153.3	153.4	153.5	153.4	153.3	153.4	153.3	153.0	152.5	151.8
55°	162.7	162.3	161.8	161.2	161.8	162.3	162.7	162.7	162.4	161.9	161.1
52.5°	173.2	172.6	171.9	171.3	171.9	172.6	173.2	173.5	173.2	172.3	171.0
50°	184.6	183.9	183.3	182.7	183.3	183.9	184.6	184.7	184.5	183.5	182.0
47.5°	199.6	199.9	199.8	199.2	199.8	199.9	199.6	198.8	197.7	196.1	194.0
45°	217.9	218.6	218.7	218.3	218.7	218.6	217.9	216.4	214.2	211.5	208.3
42.5°	241.8	243.4	244.3	244.9	244.3	243.4	241.8	239.0	235.1	230.0	224.9
40°	275.7	278.9	281.0	283.0	281.0	278.9	275.7	270.5	263.4	254.8	246.9
37.5°	324.2	330.2	332.8	331.2	332.8	330.2	324.2	315.3	303.3	288.3	276.8
35°	401.1	412.4	418.3	418.8	418.3	412.4	401.1	384.1	362.1	338.3	319.5
32.5°	534.9	558.1	570.5	572.3	570.5	558.1	534.9	501.6	456.4	415.0	383.0
30°	792.4	839.7	861.9	856.6	861.9	839.7	792.4	719.3	623.8	552.8	484.3
27.5°	1292.9	1410.6	1480.4	1486.0	1480.4	1410.6	1292.9	1129.2	918.6	800.3	651.0
25°	2077.9	2279.0	2407.7	2409.8	2407.7	2279.0	2077.9	1807.4	1501.9	1236.0	937.2
22.5°	3083.0	3357.5	3507.9	3534.2	3507.9	3357.5	3083.0	2713.5	2313.9	1876.6	1433.6
20°	4247.5	4612.7	4808.0	4808.3	4808.0	4612.7	4247.5	3757.3	3252.3	2653.1	2064.9
17.5°	5681.7	6274.6	6646.7	6806.9	6646.7	6274.6	5681.7	4968.3	4304.0	3539.4	2771.0
15°	7586.9	8583.3	9180.3	9287.8	9180.3	8583.3	7586.9	6551.3	5475.7	4483.3	3517.1
12.5°	9906.8	11167.7	12015.2	12325.8	12015.2	11167.7	9906.8	8452.3	6775.6	5458.0	4278.0
10°	12328.9	13497.2	14405.2	14710.3	14405.2	13497.2	12328.9	10484.1	8461.5	6481.5	4951.0
7.5°	14078.7	15471.8	16494.6	16943.8	16494.6	15471.8	14078.7	12246.0	9935.1	7577.4	5667.9
5°	15460.0	17108.4	18060.5	18483.1	18060.5	17108.4	15460.0	13500.9	11141.3	8501.1	6196.5
2.5°	16366.3	17995.0	19003.3	19392.9	19003.3	17995.0	16366.3	14298.2	11909.2	9067.2	6532.4
0°	16705.2	18297.8	19294.0	19769.8	19294.0	18297.8	16705.2	14497.1	12117.7	9201.6	6644.5
-2.5°	16366.3	17995.0	19003.3	19392.9	19003.3	17995.0	16366.3	14298.2	11909.2	9067.2	6532.4
-5°	15460.0	17108.4	18060.5	18483.1	18060.5	17108.4	15460.0	13500.9	11141.3	8501.1	6196.5
-7.5°	14078.7	15471.8	16494.6	16943.8	16494.6	15471.8	14078.7	12246.0	9935.1	7577.4	5667.9
-10°	12328.9	13497.2	14405.2	14710.3	14405.2	13497.2	12328.9	10484.1	8461.5	6481.5	4951.0
-12.5°	9906.8	11167.7	12015.2	12325.8	12015.2	11167.7	9906.8	8452.3	6775.6	5458.0	4278.0
-15°	7586.9	8583.3	9180.3	9287.8	9180.3	8583.3	7586.9	6551.3	5475.7	4483.3	3517.1
-17.5°	5681.7	6274.6	6646.7	6806.9	6646.7	6274.6	5681.7	4968.3	4304.0	3539.4	2771.0
-20°	4247.5	4612.7	4808.0	4808.3	4808.0	4612.7	4247.5	3757.3	3252.3	2653.1	2064.9



REPORT NUMBER: P626695 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA1C-750-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°	3083.0	3357.5	3507.9	3534.2	3507.9	3357.5	3083.0	2713.5	2313.9	1876.6	1433.6
-25°	2077.9	2279.0	2407.7	2409.8	2407.7	2279.0	2077.9	1807.4	1501.9	1236.0	937.2
-27.5°	1292.9	1410.6	1480.4	1486.0	1480.4	1410.6	1292.9	1129.2	918.6	800.3	651.0
-30°	792.4	839.7	861.9	856.6	861.9	839.7	792.4	719.3	623.8	552.8	484.3
-32.5°	534.9	558.1	570.5	572.3	570.5	558.1	534.9	501.6	456.4	415.0	383.0
-35°	401.1	412.4	418.3	418.8	418.3	412.4	401.1	384.1	362.1	338.3	319.5
-37.5°	324.2	330.2	332.8	331.2	332.8	330.2	324.2	315.3	303.3	288.3	276.8
-40°	275.7	278.9	281.0	283.0	281.0	278.9	275.7	270.5	263.4	254.8	246.9
-42.5°	241.8	243.4	244.3	244.9	244.3	243.4	241.8	239.0	235.1	230.0	224.9
-45°	217.9	218.6	218.7	218.3	218.7	218.6	217.9	216.4	214.2	211.5	208.3
-47.5°	199.6	199.9	199.8	199.2	199.8	199.9	199.6	198.8	197.7	196.1	194.0
-50°	184.6	183.9	183.3	182.7	183.3	183.9	184.6	184.7	184.5	183.5	182.0
-52.5°	173.2	172.6	171.9	171.3	171.9	172.6	173.2	173.5	173.2	172.3	171.0
-55°	162.7	162.3	161.8	161.2	161.8	162.3	162.7	162.7	162.4	161.9	161.1
-57.5°	153.4	153.3	153.4	153.5	153.4	153.3	153.4	153.3	153.0	152.5	151.8
-60°	144.0	144.2	144.5	144.7	144.5	144.2	144.0	143.5	142.7	141.7	140.7
-62.5°	130.0	130.2	131.1	132.0	131.1	130.2	130.0	129.5	128.7	128.0	127.2
-65°	115.0	115.1	115.9	116.7	115.9	115.1	115.0	114.6	113.9	113.2	112.4
-67.5°	100.8	101.1	102.0	102.8	102.0	101.1	100.8	100.4	99.7	99.1	98.5
-70°	87.4	87.3	88.1	88.8	88.1	87.3	87.4	87.4	87.2	86.7	86.1
-72.5°	74.8	74.6	74.8	74.9	74.8	74.6	74.8	74.8	74.6	74.2	73.6
-75°	61.9	61.9	62.1	62.2	62.1	61.9	61.9	61.7	61.4	61.0	60.6
-77.5°	49.3	49.3	49.4	49.5	49.4	49.3	49.3	49.2	49.0	48.6	48.1
-80°	36.7	36.6	36.8	36.8	36.8	36.6	36.7	36.7	36.6	36.4	35.8
-82.5°	25.1	25.3	25.4	25.4	25.4	25.3	25.1	24.9	24.6	24.2	24.1
-85°	13.8	13.9	14.0	14.0	14.0	13.9	13.8	13.7	13.6	13.4	13.5
-87.5°	5.1	5.1	5.1	5.1	5.1	5.1	5.1	5.0	5.0	4.9	4.9
-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: P626695 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA1C-750-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°	4.8	4.7	4.6	4.5	4.4	4.3	4.2	4.0	3.9	3.8	3.6
85°	13.5	13.4	13.3	12.9	12.5	12.0	11.5	11.0	10.5	9.9	9.3
82.5°	23.9	23.7	23.4	22.5	21.6	20.7	19.8	19.1	18.2	17.3	16.4
80°	35.2	34.5	33.7	32.7	31.5	30.2	28.8	27.5	26.1	24.8	23.6
77.5°	47.4	46.5	45.4	44.0	42.6	41.0	39.3	37.5	35.8	33.9	32.0
75°	59.9	59.1	58.0	56.3	54.5	52.6	50.5	48.1	45.7	43.3	40.9
72.5°	72.8	71.9	70.6	68.7	66.6	64.3	61.8	59.1	56.1	52.8	49.8
70°	85.3	84.3	83.0	81.3	79.2	76.7	73.7	70.5	67.1	63.6	60.0
67.5°	97.6	96.3	94.9	93.4	91.5	89.2	86.0	82.3	78.4	74.4	70.3
65°	111.2	109.6	107.9	106.3	104.2	101.8	98.6	95.0	90.8	85.8	80.5
62.5°	126.1	124.6	122.1	119.5	116.9	114.1	110.5	106.6	102.6	98.1	91.7
60°	139.7	138.4	135.1	131.9	128.7	125.3	121.2	117.1	112.9	107.9	102.2
57.5°	150.6	148.5	145.5	142.4	139.2	135.1	130.7	126.6	122.1	117.3	111.9
55°	160.0	157.6	154.5	151.2	147.6	143.4	139.0	134.4	130.1	126.1	120.6
52.5°	169.4	166.5	163.2	159.6	155.6	151.1	146.5	141.6	137.4	133.3	128.6
50°	179.9	176.2	172.1	167.9	163.6	158.8	153.8	148.6	144.5	140.3	135.6
47.5°	191.0	186.6	181.8	177.1	172.1	166.9	161.4	155.9	151.4	147.0	142.2
45°	204.1	198.5	192.4	186.9	181.0	175.2	169.3	163.6	158.0	153.1	148.4
42.5°	219.3	212.6	205.6	198.1	190.6	183.9	177.3	171.1	164.9	159.0	153.6
40°	238.3	228.7	220.5	211.3	202.3	193.3	186.0	178.6	171.7	165.0	158.9
37.5°	263.5	250.0	238.3	226.2	215.5	204.8	195.5	187.1	178.6	171.3	164.4
35°	297.4	278.6	260.2	244.7	230.3	217.7	205.9	196.0	186.6	177.7	170.0
32.5°	345.5	317.9	288.4	267.4	247.6	231.3	217.4	205.0	194.4	184.6	175.7
30°	420.9	372.2	330.4	294.9	269.3	247.0	229.2	214.6	202.0	191.2	181.3
27.5°	543.8	444.5	386.7	333.6	294.1	266.2	243.0	224.1	209.5	197.7	186.9
25°	743.1	575.5	458.4	385.1	327.9	286.7	258.0	235.5	217.6	203.5	190.8
22.5°	1035.1	773.4	572.0	444.1	369.3	314.8	275.7	246.7	224.9	208.5	194.7
20°	1495.5	1028.7	737.4	539.8	417.8	341.7	294.5	259.8	233.7	213.9	198.1
17.5°	2046.9	1423.5	924.7	642.8	480.8	380.5	316.4	272.4	241.6	218.7	201.1
15°	2602.6	1836.4	1212.5	792.1	549.5	414.5	335.2	283.3	249.2	224.1	204.7
12.5°	3216.2	2278.7	1467.8	915.5	620.3	455.4	359.2	298.0	257.6	229.4	208.2
10°	3746.3	2692.0	1774.8	1113.4	713.4	498.3	381.3	310.6	264.6	233.7	211.0
7.5°	4223.7	3045.0	2032.3	1267.7	785.6	532.4	398.9	320.6	269.8	236.9	212.9
5°	4562.4	3314.8	2239.3	1384.4	837.3	555.9	411.2	327.6	273.3	238.9	214.0
2.5°	4773.7	3477.1	2374.4	1453.6	862.6	568.9	418.9	331.7	276.2	241.1	214.7
0°	4793.0	3465.7	2393.3	1487.3	846.4	571.1	422.6	332.5	277.9	242.4	214.5
-2.5°	4773.7	3477.1	2374.4	1453.6	862.6	568.9	418.9	331.7	276.2	241.1	214.7
-5°	4562.4	3314.8	2239.3	1384.4	837.3	555.9	411.2	327.6	273.3	238.9	214.0
-7.5°	4223.7	3045.0	2032.3	1267.7	785.6	532.4	398.9	320.6	269.8	236.9	212.9
-10°	3746.3	2692.0	1774.8	1113.4	713.4	498.3	381.3	310.6	264.6	233.7	211.0
-12.5°	3216.2	2278.7	1467.8	915.5	620.3	455.4	359.2	298.0	257.6	229.4	208.2
-15°	2602.6	1836.4	1212.5	792.1	549.5	414.5	335.2	283.3	249.2	224.1	204.7
-17.5°	2046.9	1423.5	924.7	642.8	480.8	380.5	316.4	272.4	241.6	218.7	201.1
-20°	1495.5	1028.7	737.4	539.8	417.8	341.7	294.5	259.8	233.7	213.9	198.1

Classified

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

Scaled Data Report



REPORT NUMBER: P626695 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA1C-750-U-MR-XX

CANDELA DISTRIBUTION (continued):

	20°	22.5°	25°	27.5°	30°	32.5°	35°	37.5°	40°	42.5°	45°
-22.5°	1035.1	773.4	572.0	444.1	369.3	314.8	275.7	246.7	224.9	208.5	194.7
-25°	743.1	575.5	458.4	385.1	327.9	286.7	258.0	235.5	217.6	203.5	190.8
-27.5°	543.8	444.5	386.7	333.6	294.1	266.2	243.0	224.1	209.5	197.7	186.9
-30°	420.9	372.2	330.4	294.9	269.3	247.0	229.2	214.6	202.0	191.2	181.3
-32.5°	345.5	317.9	288.4	267.4	247.6	231.3	217.4	205.0	194.4	184.6	175.7
-35°	297.4	278.6	260.2	244.7	230.3	217.7	205.9	196.0	186.6	177.7	170.0
-37.5°	263.5	250.0	238.3	226.2	215.5	204.8	195.5	187.1	178.6	171.3	164.4
-40°	238.3	228.7	220.5	211.3	202.3	193.3	186.0	178.6	171.7	165.0	158.9
-42.5°	219.3	212.6	205.6	198.1	190.6	183.9	177.3	171.1	164.9	159.0	153.6
-45°	204.1	198.5	192.4	186.9	181.0	175.2	169.3	163.6	158.0	153.1	148.4
-47.5°	191.0	186.6	181.8	177.1	172.1	166.9	161.4	155.9	151.4	147.0	142.2
-50°	179.9	176.2	172.1	167.9	163.6	158.8	153.8	148.6	144.5	140.3	135.6
-52.5°	169.4	166.5	163.2	159.6	155.6	151.1	146.5	141.6	137.4	133.3	128.6
-55°	160.0	157.6	154.5	151.2	147.6	143.4	139.0	134.4	130.1	126.1	120.6
-57.5°	150.6	148.5	145.5	142.4	139.2	135.1	130.7	126.6	122.1	117.3	111.9
-60°	139.7	138.4	135.1	131.9	128.7	125.3	121.2	117.1	112.9	107.9	102.2
-62.5°	126.1	124.6	122.1	119.5	116.9	114.1	110.5	106.6	102.6	98.1	91.7
-65°	111.2	109.6	107.9	106.3	104.2	101.8	98.6	95.0	90.8	85.8	80.5
-67.5°	97.6	96.3	94.9	93.4	91.5	89.2	86.0	82.3	78.4	74.4	70.3
-70°	85.3	84.3	83.0	81.3	79.2	76.7	73.7	70.5	67.1	63.6	60.0
-72.5°	72.8	71.9	70.6	68.7	66.6	64.3	61.8	59.1	56.1	52.8	49.8
-75°	59.9	59.1	58.0	56.3	54.5	52.6	50.5	48.1	45.7	43.3	40.9
-77.5°	47.4	46.5	45.4	44.0	42.6	41.0	39.3	37.5	35.8	33.9	32.0
-80°	35.2	34.5	33.7	32.7	31.5	30.2	28.8	27.5	26.1	24.8	23.6
-82.5°	23.9	23.7	23.4	22.5	21.6	20.7	19.8	19.1	18.2	17.3	16.4
-85°	13.5	13.4	13.3	12.9	12.5	12.0	11.5	11.0	10.5	9.9	9.3
-87.5°	4.8	4.7	4.6	4.5	4.4	4.3	4.2	4.0	3.9	3.8	3.6
-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: P626695 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA1C-750-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°	3.4	3.3	3.1	2.9	2.7	2.5	2.4	2.2	2.0	1.7	1.5
85°	8.6	8.0	7.3	6.6	5.8	5.1	4.7	4.3	3.9	3.5	3.1
82.5°	15.4	14.4	13.4	12.3	11.2	10.1	9.0	7.8	6.5	5.3	4.6
80°	22.3	20.9	19.6	18.1	16.7	15.1	13.6	12.0	10.2	8.5	6.9
77.5°	30.0	27.9	25.8	24.0	22.3	20.5	18.5	16.3	13.9	11.7	9.6
75°	38.5	35.9	33.4	30.8	28.3	25.8	23.5	20.9	17.9	14.9	12.3
72.5°	47.2	44.3	41.1	37.9	35.0	32.0	28.9	25.6	22.1	18.6	15.1
70°	56.4	52.8	49.2	45.6	41.9	38.1	34.5	30.6	26.3	22.3	18.3
67.5°	65.9	61.6	57.4	53.3	49.0	44.7	40.2	35.6	30.8	25.9	21.5
65°	75.7	70.6	65.5	60.9	56.1	51.3	46.3	40.6	35.3	29.9	24.6
62.5°	85.6	79.8	74.1	68.5	63.2	57.8	52.2	45.8	39.7	33.8	27.9
60°	95.6	88.9	82.5	76.3	70.2	64.2	57.9	50.9	44.2	37.6	31.3
57.5°	105.2	97.8	90.5	83.7	77.1	70.5	63.4	55.9	48.5	41.4	34.5
55°	114.5	107.0	98.4	90.7	83.6	76.5	68.8	60.8	52.7	45.1	37.7
52.5°	122.8	115.3	106.4	97.5	89.6	82.2	73.8	65.6	57.0	48.6	40.8
50°	130.3	122.6	113.7	104.4	95.3	87.1	78.7	70.0	61.1	52.1	43.7
47.5°	136.7	129.4	120.6	110.8	101.2	91.9	83.1	74.1	65.1	55.6	46.6
45°	142.5	135.9	127.2	117.2	106.6	96.7	87.3	78.0	68.6	59.0	49.3
42.5°	148.0	141.5	133.5	123.3	112.0	101.3	91.3	81.7	72.0	62.2	52.1
40°	152.9	146.5	139.5	129.1	117.2	105.7	95.2	85.1	75.1	65.2	54.7
37.5°	157.8	151.1	143.9	134.5	122.1	110.1	98.8	88.3	78.1	67.9	57.2
35°	162.8	155.6	147.8	138.7	126.7	114.1	102.2	91.4	80.9	70.4	59.6
32.5°	167.6	159.6	151.3	142.3	131.1	117.8	105.5	94.3	83.5	72.7	61.7
30°	172.3	163.0	154.4	146.0	134.9	121.4	108.7	97.1	86.0	74.9	63.7
27.5°	175.8	165.9	157.2	148.8	138.0	124.8	111.8	99.6	88.3	76.9	65.4
25°	179.1	168.7	159.6	151.1	141.1	128.3	114.6	102.0	90.3	78.7	67.0
22.5°	182.3	171.2	161.6	153.0	144.1	131.4	117.3	104.3	92.2	80.3	68.4
20°	185.1	173.1	163.2	154.8	146.1	133.8	119.8	106.3	93.8	81.8	69.7
17.5°	187.4	175.1	164.9	156.3	147.4	135.9	122.0	108.1	95.3	83.0	70.8
15°	189.8	177.2	166.4	157.4	148.6	137.5	123.9	109.6	96.5	84.1	71.8
12.5°	191.9	178.7	167.5	158.2	149.6	138.9	125.5	110.9	97.5	85.1	72.7
10°	193.6	179.7	168.3	158.7	150.4	139.8	126.7	112.0	98.7	86.0	73.5
7.5°	194.7	180.2	168.8	158.9	151.0	140.7	127.9	113.3	99.7	86.7	74.1
5°	195.5	180.4	169.1	159.4	151.3	141.5	128.7	114.3	100.5	87.2	74.6
2.5°	196.4	180.5	169.1	159.8	151.3	141.9	129.2	115.1	101.1	87.5	74.8
0°	196.7	180.2	168.8	159.9	151.0	142.1	129.4	115.5	101.5	87.6	74.9
-2.5°	196.4	180.5	169.1	159.8	151.3	141.9	129.2	115.1	101.1	87.5	74.8
-5°	195.5	180.4	169.1	159.4	151.3	141.5	128.7	114.3	100.5	87.2	74.6
-7.5°	194.7	180.2	168.8	158.9	151.0	140.7	127.9	113.3	99.7	86.7	74.1
-10°	193.6	179.7	168.3	158.7	150.4	139.8	126.7	112.0	98.7	86.0	73.5
-12.5°	191.9	178.7	167.5	158.2	149.6	138.9	125.5	110.9	97.5	85.1	72.7
-15°	189.8	177.2	166.4	157.4	148.6	137.5	123.9	109.6	96.5	84.1	71.8
-17.5°	187.4	175.1	164.9	156.3	147.4	135.9	122.0	108.1	95.3	83.0	70.8
-20°	185.1	173.1	163.2	154.8	146.1	133.8	119.8	106.3	93.8	81.8	69.7

Classified

Cooper Lighting Solutions Photometric Lab
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Scaled Data Report



REPORT NUMBER: P626695 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA1C-750-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°	182.3	171.2	161.6	153.0	144.1	131.4	117.3	104.3	92.2	80.3	68.4
-25°	179.1	168.7	159.6	151.1	141.1	128.3	114.6	102.0	90.3	78.7	67.0
-27.5°	175.8	165.9	157.2	148.8	138.0	124.8	111.8	99.6	88.3	76.9	65.4
-30°	172.3	163.0	154.4	146.0	134.9	121.4	108.7	97.1	86.0	74.9	63.7
-32.5°	167.6	159.6	151.3	142.3	131.1	117.8	105.5	94.3	83.5	72.7	61.7
-35°	162.8	155.6	147.8	138.7	126.7	114.1	102.2	91.4	80.9	70.4	59.6
-37.5°	157.8	151.1	143.9	134.5	122.1	110.1	98.8	88.3	78.1	67.9	57.2
-40°	152.9	146.5	139.5	129.1	117.2	105.7	95.2	85.1	75.1	65.2	54.7
-42.5°	148.0	141.5	133.5	123.3	112.0	101.3	91.3	81.7	72.0	62.2	52.1
-45°	142.5	135.9	127.2	117.2	106.6	96.7	87.3	78.0	68.6	59.0	49.3
-47.5°	136.7	129.4	120.6	110.8	101.2	91.9	83.1	74.1	65.1	55.6	46.6
-50°	130.3	122.6	113.7	104.4	95.3	87.1	78.7	70.0	61.1	52.1	43.7
-52.5°	122.8	115.3	106.4	97.5	89.6	82.2	73.8	65.6	57.0	48.6	40.8
-55°	114.5	107.0	98.4	90.7	83.6	76.5	68.8	60.8	52.7	45.1	37.7
-57.5°	105.2	97.8	90.5	83.7	77.1	70.5	63.4	55.9	48.5	41.4	34.5
-60°	95.6	88.9	82.5	76.3	70.2	64.2	57.9	50.9	44.2	37.6	31.3
-62.5°	85.6	79.8	74.1	68.5	63.2	57.8	52.2	45.8	39.7	33.8	27.9
-65°	75.7	70.6	65.5	60.9	56.1	51.3	46.3	40.6	35.3	29.9	24.6
-67.5°	65.9	61.6	57.4	53.3	49.0	44.7	40.2	35.6	30.8	25.9	21.5
-70°	56.4	52.8	49.2	45.6	41.9	38.1	34.5	30.6	26.3	22.3	18.3
-72.5°	47.2	44.3	41.1	37.9	35.0	32.0	28.9	25.6	22.1	18.6	15.1
-75°	38.5	35.9	33.4	30.8	28.3	25.8	23.5	20.9	17.9	14.9	12.3
-77.5°	30.0	27.9	25.8	24.0	22.3	20.5	18.5	16.3	13.9	11.7	9.6
-80°	22.3	20.9	19.6	18.1	16.7	15.1	13.6	12.0	10.2	8.5	6.9
-82.5°	15.4	14.4	13.4	12.3	11.2	10.1	9.0	7.8	6.5	5.3	4.6
-85°	8.6	8.0	7.3	6.6	5.8	5.1	4.7	4.3	3.9	3.5	3.1
-87.5°	3.4	3.3	3.1	2.9	2.7	2.5	2.4	2.2	2.0	1.7	1.5
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

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CATALOG NUMBER: GFLD-SA1C-750-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°	1.3	1.1	0.9	0.7	0.4	0.2	0.0
85°	2.6	2.2	1.8	1.3	0.9	0.4	0.0
82.5°	3.9	3.3	2.6	2.0	1.3	0.7	0.0
80°	5.4	4.4	3.5	2.6	1.8	0.9	0.0
77.5°	7.6	5.8	4.4	3.3	2.2	1.1	0.0
75°	9.9	7.6	5.4	3.9	2.6	1.3	0.0
72.5°	12.1	9.5	6.9	4.6	3.1	1.5	0.0
70°	14.4	11.3	8.3	5.3	3.5	1.7	0.0
67.5°	17.1	13.1	9.8	6.4	3.9	2.0	0.0
65°	19.8	15.1	11.2	7.5	4.3	2.2	0.0
62.5°	22.5	17.4	12.6	8.5	4.7	2.4	0.0
60°	25.1	19.5	13.9	9.5	5.1	2.5	0.0
57.5°	27.8	21.7	15.6	10.5	5.8	2.7	0.0
55°	30.5	23.7	17.3	11.5	6.4	2.9	0.0
52.5°	33.1	25.7	18.9	12.4	7.0	3.1	0.0
50°	35.6	27.8	20.4	13.3	7.6	3.3	0.0
47.5°	38.0	29.7	21.9	14.3	8.2	3.4	0.0
45°	40.3	31.6	23.4	15.3	8.8	3.6	0.0
42.5°	42.6	33.4	24.7	16.4	9.3	3.8	0.0
40°	44.7	35.1	26.1	17.4	9.8	3.9	0.0
37.5°	46.7	36.6	27.3	18.3	10.3	4.0	0.0
35°	48.7	38.2	28.5	19.1	10.8	4.2	0.0
32.5°	50.5	39.7	29.6	19.9	11.2	4.3	0.0
30°	52.2	41.1	30.6	20.6	11.6	4.4	0.0
27.5°	53.8	42.3	31.6	21.3	12.0	4.5	0.0
25°	55.2	43.5	32.4	21.8	12.3	4.6	0.0
22.5°	56.4	44.6	33.2	22.4	12.6	4.7	0.0
20°	57.6	45.5	33.9	22.8	12.9	4.8	0.0
17.5°	58.6	46.3	34.6	23.2	13.2	4.9	0.0
15°	59.5	46.9	35.1	23.5	13.4	4.9	0.0
12.5°	60.3	47.5	35.6	23.8	13.6	5.0	0.0
10°	61.0	47.8	36.0	24.0	13.7	5.0	0.0
7.5°	61.5	48.1	36.4	24.1	13.8	5.1	0.0
5°	61.9	48.3	36.6	24.2	13.9	5.1	0.0
2.5°	62.1	48.3	36.8	24.2	14.0	5.1	0.0
0°	62.2	48.2	36.8	24.1	14.0	5.1	0.0
-2.5°	62.1	48.3	36.8	24.2	14.0	5.1	0.0
-5°	61.9	48.3	36.6	24.2	13.9	5.1	0.0
-7.5°	61.5	48.1	36.4	24.1	13.8	5.1	0.0
-10°	61.0	47.8	36.0	24.0	13.7	5.0	0.0
-12.5°	60.3	47.5	35.6	23.8	13.6	5.0	0.0
-15°	59.5	46.9	35.1	23.5	13.4	4.9	0.0
-17.5°	58.6	46.3	34.6	23.2	13.2	4.9	0.0
-20°	57.6	45.5	33.9	22.8	12.9	4.8	0.0

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CANDELA DISTRIBUTION (continued):

	75°	77.5°	80°	82.5°	85°	87.5°	90°
-22.5°	56.4	44.6	33.2	22.4	12.6	4.7	0.0
-25°	55.2	43.5	32.4	21.8	12.3	4.6	0.0
-27.5°	53.8	42.3	31.6	21.3	12.0	4.5	0.0
-30°	52.2	41.1	30.6	20.6	11.6	4.4	0.0
-32.5°	50.5	39.7	29.6	19.9	11.2	4.3	0.0
-35°	48.7	38.2	28.5	19.1	10.8	4.2	0.0
-37.5°	46.7	36.6	27.3	18.3	10.3	4.0	0.0
-40°	44.7	35.1	26.1	17.4	9.8	3.9	0.0
-42.5°	42.6	33.4	24.7	16.4	9.3	3.8	0.0
-45°	40.3	31.6	23.4	15.3	8.8	3.6	0.0
-47.5°	38.0	29.7	21.9	14.3	8.2	3.4	0.0
-50°	35.6	27.8	20.4	13.3	7.6	3.3	0.0
-52.5°	33.1	25.7	18.9	12.4	7.0	3.1	0.0
-55°	30.5	23.7	17.3	11.5	6.4	2.9	0.0
-57.5°	27.8	21.7	15.6	10.5	5.8	2.7	0.0
-60°	25.1	19.5	13.9	9.5	5.1	2.5	0.0
-62.5°	22.5	17.4	12.6	8.5	4.7	2.4	0.0
-65°	19.8	15.1	11.2	7.5	4.3	2.2	0.0
-67.5°	17.1	13.1	9.8	6.4	3.9	2.0	0.0
-70°	14.4	11.3	8.3	5.3	3.5	1.7	0.0
-72.5°	12.1	9.5	6.9	4.6	3.1	1.5	0.0
-75°	9.9	7.6	5.4	3.9	2.6	1.3	0.0
-77.5°	7.6	5.8	4.4	3.3	2.2	1.1	0.0
-80°	5.4	4.4	3.5	2.6	1.8	0.9	0.0
-82.5°	3.9	3.3	2.6	2.0	1.3	0.7	0.0
-85°	2.6	2.2	1.8	1.3	0.9	0.4	0.0
-87.5°	1.3	1.1	0.9	0.7	0.4	0.2	0.0
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0

(END OF REPORT)