

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: P626759 (CONVERTED FROM TYPE C PHOTOMETRY)

Luminaire Tested: **GFLD-SA1D-750-U-NR-XX**

Issue Date: 12/7/2022

**Test Information**

Test Method: LM-79-08  
Report Number: P626759 (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-SA1D-750-U-NR-XX  
Description: GALLEON FLOOD, ONE LIGHT SQAURE, NARROW SYMMETRICAL ROUND N31  
Light Source: (16) 5000K CCT, 70 CRI LEDS  
Ballast/Driver: -

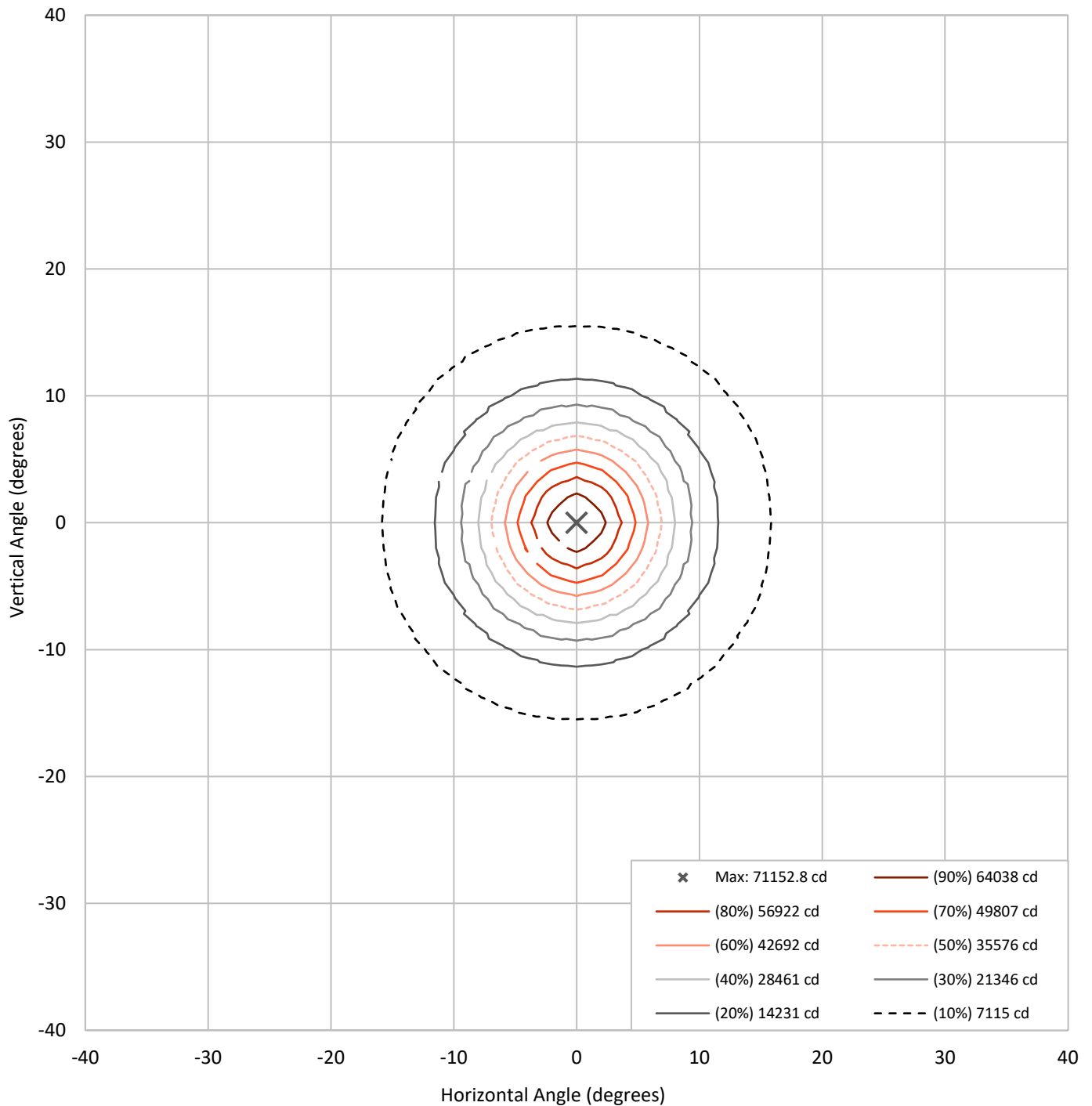
**Summary**

Lumens per Lamp:	N/A	NEMA Type:	3H x 3V
Luminaire Lumens:	7555.4 lumens	Max Intensity:	71152.8 candela
Efficiency:	N/A	Max Intensity Angle:	0°H x 0°V
Efficacy:	131.9 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:	2233.8 lumens	Field Lumens:	5027 lumens
Beam Efficiency:	29.6%	Field Efficiency:	66.5%
Input Watts (W):	57.3		
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





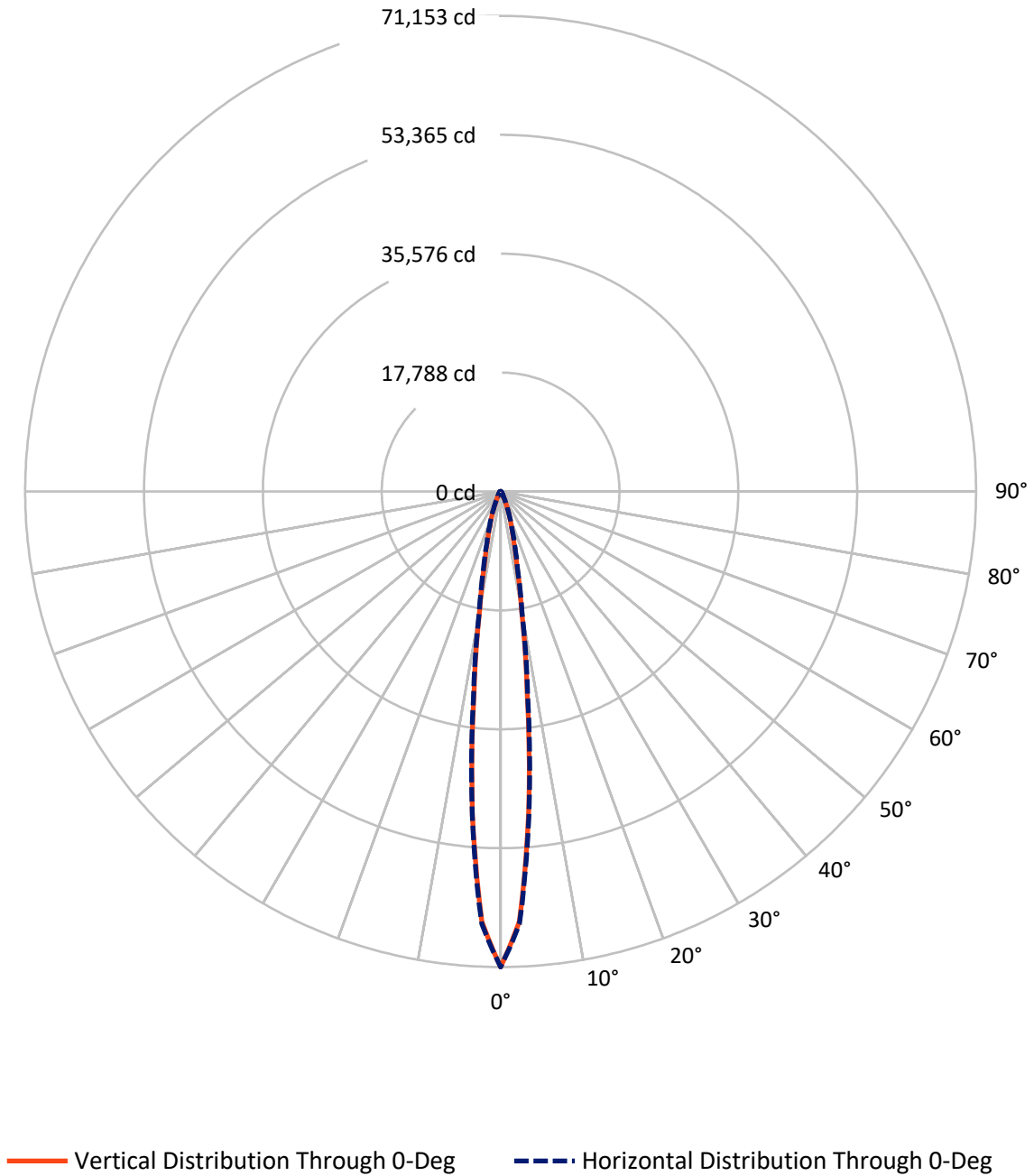
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### Lumen Table

90	0.1	1.0	2.7	4.4	4.8	4.4	2.7	1.0	0.1							
80	0.1	1.0	2.7	4.4	4.8	4.4	2.7	1.0	0.1							
70	0.5	0.5	1.1	1.8	2.5	3.1	3.5	3.6	3.6	3.5	3.1	2.5	1.8	1.1	0.5	0.5
60		0.8	1.6	2.7	3.6	4.4	4.9	5.1	5.1	4.9	4.4	3.6	2.7	1.6	0.8	
50	0.8	1.0	2.1	3.3	4.4	5.5	6.5	7.0	7.0	6.5	5.5	4.4	3.3	2.1	1.0	0.8
40		1.3	2.5	3.8	5.4	7.7	10.9	13.5	13.5	10.9	7.7	5.4	3.8	2.5	1.3	
30	1.1	1.4	2.7	4.3	7.0	13.8	31.4	52.0	52.0	31.4	13.8	7.0	4.3	2.7	1.4	1.1
20		1.5	2.9	4.7	9.2	29.3	104.1	224.2	224.2	104.1	29.3	9.2	4.7	2.9	1.5	
10	1.1	1.6	2.9	5.0	11.2	48.3	226.3	977.5	977.5	226.3	48.3	11.2	5.0	2.9	1.6	1.1
0		1.6	2.9	5.0	11.2	48.3	226.3	977.5	977.5	226.3	48.3	11.2	5.0	2.9	1.6	
-10	1.1	1.5	2.9	4.7	9.2	29.3	104.1	224.2	224.2	104.1	29.3	9.2	4.7	2.9	1.5	1.1
-20		1.4	2.7	4.3	7.0	13.8	31.4	52.0	52.0	31.4	13.8	7.0	4.3	2.7	1.4	
-30	0.8	1.3	2.5	3.8	5.4	7.7	10.9	13.5	13.5	10.9	7.7	5.4	3.8	2.5	1.3	0.8
-40		1.0	2.1	3.3	4.4	5.5	6.5	7.0	7.0	6.5	5.5	4.4	3.3	2.1	1.0	
-50	0.5	0.8	1.6	2.7	3.6	4.4	4.9	5.1	5.1	4.9	4.4	3.6	2.7	1.6	0.8	0.5
-60		0.5	1.1	1.8	2.5	3.1	3.5	3.6	3.6	3.5	3.1	2.5	1.8	1.1	0.5	
-70	0.1	1.0	2.7	4.4	4.8	4.4	2.7	1.0	0.1							
-80		0.1	1.0	2.7	4.4	4.8	4.4	2.7	1.0	0.1						
-90	0.1	1.0	2.7	4.4	4.8	4.4	2.7	1.0	0.1							

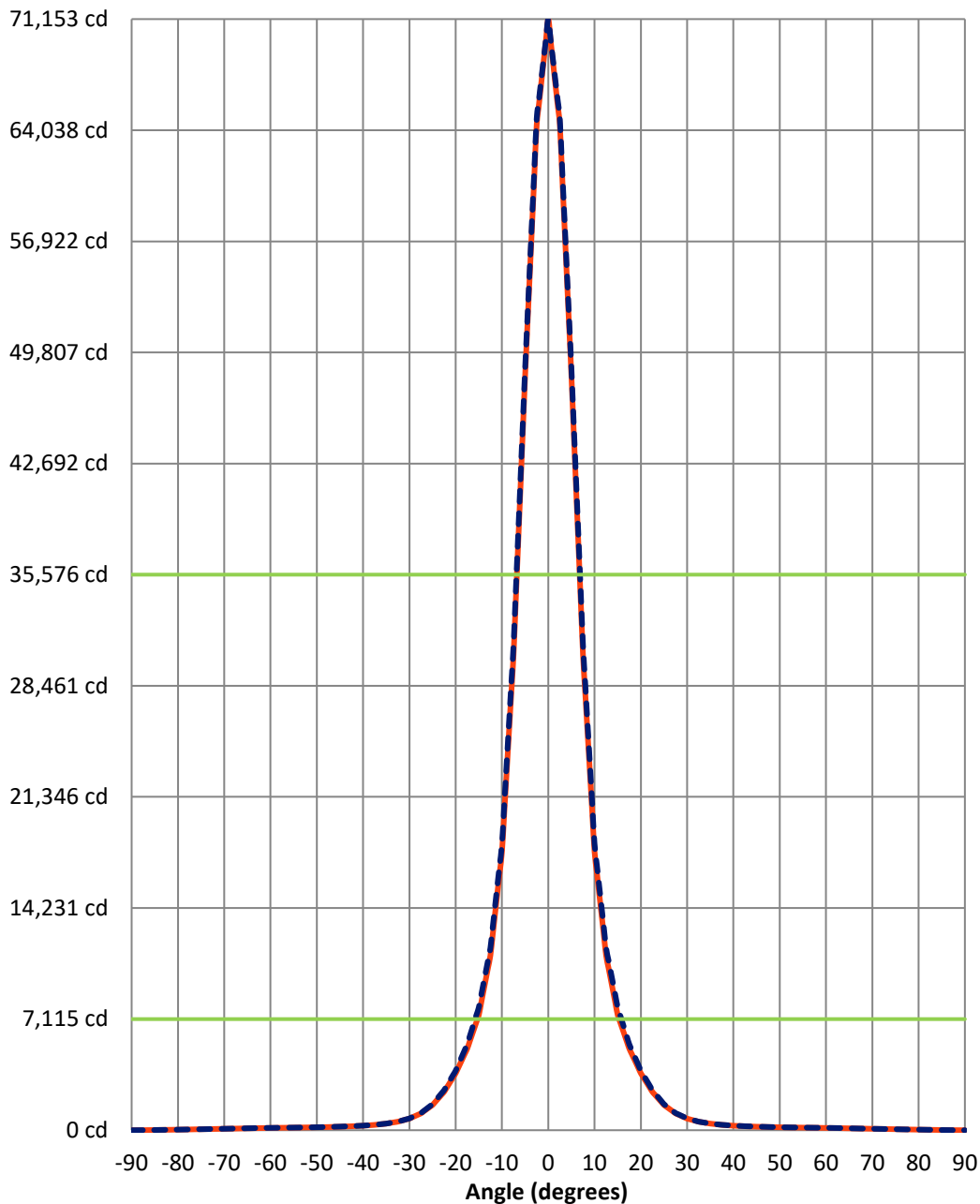
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### Luminous Intensity Polar Plot



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### Luminous Intensity Plot



**Beam:**  
 H Angle: 13.7°  
 V Angle: 13.6°  
 Lumens: 2233.8  
 Efficiency: 29.6%

**Field:**  
 H Angle: 31.6°  
 V Angle: 30.6°  
 Lumens: 5027  
 Efficiency: 66.5%

**Spill:**  
 Lumens: 2528.4  
 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	0.5	0.8	1.1	1.3	1.6	1.8	2.1	2.3	2.6
85°	0.0	0.5	1.1	1.6	2.1	2.6	3.2	3.7	4.2	4.7	5.2
82.5°	0.0	0.7	1.6	2.4	3.2	4.0	4.7	5.5	6.3	7.4	8.5
80°	0.0	0.9	2.1	3.2	4.2	5.3	6.4	7.9	9.4	10.9	12.3
77.5°	0.0	1.2	2.6	4.0	5.3	6.7	8.7	10.6	12.5	14.3	16.3
75°	0.0	1.4	3.1	4.7	6.4	8.6	10.9	13.2	15.5	18.1	20.7
72.5°	0.0	1.6	3.6	5.5	7.7	10.4	13.2	16.0	19.1	22.1	25.0
70°	0.0	1.8	4.1	6.3	9.1	12.1	15.4	19.1	22.6	26.0	29.9
67.5°	0.0	2.0	4.6	7.2	10.4	13.8	18.0	22.1	26.0	30.4	34.7
65°	0.0	2.2	5.0	8.2	11.7	15.7	20.5	25.0	29.9	34.7	39.8
62.5°	0.0	2.4	5.5	9.1	13.0	17.8	22.9	28.2	33.6	39.1	45.6
60°	0.0	2.6	5.9	10.0	14.2	19.8	25.3	31.5	37.4	44.1	51.1
57.5°	0.0	2.8	6.4	10.8	15.7	21.7	28.0	34.7	41.4	48.8	56.5
55°	0.0	3.0	7.0	11.7	17.2	23.6	30.6	37.7	45.4	53.4	61.7
52.5°	0.0	3.2	7.5	12.5	18.7	25.5	33.1	41.0	49.3	57.8	66.7
50°	0.0	3.3	8.0	13.2	20.1	27.5	35.5	44.2	53.0	62.1	71.4
47.5°	0.0	3.5	8.5	14.0	21.5	29.5	37.9	47.2	56.6	66.1	76.1
45°	0.0	3.6	9.0	15.0	22.8	31.3	40.4	50.2	60.0	70.2	80.6
42.5°	0.0	3.8	9.4	15.9	24.1	33.1	42.9	53.1	63.2	74.2	85.1
40°	0.0	3.9	9.9	16.9	25.3	34.8	45.2	55.8	66.4	78.0	89.4
37.5°	0.0	4.0	10.3	17.7	26.6	36.5	47.4	58.3	69.6	81.6	93.5
35°	0.0	4.1	10.7	18.6	27.8	38.1	49.4	60.8	72.6	85.0	97.5
32.5°	0.0	4.2	11.1	19.4	29.0	39.7	51.4	63.0	75.3	88.1	101.1
30°	0.0	4.3	11.5	20.1	30.0	41.2	53.2	65.2	77.8	91.1	104.3
27.5°	0.0	4.4	11.8	20.8	31.0	42.6	54.8	67.2	80.1	93.8	107.1
25°	0.0	4.5	12.1	21.4	32.0	43.8	56.4	69.0	82.3	96.2	109.6
22.5°	0.0	4.5	12.4	21.9	32.9	45.0	57.7	70.6	84.2	98.2	111.8
20°	0.0	4.6	12.7	22.5	33.6	46.0	59.0	72.0	86.0	100.0	113.8
17.5°	0.0	4.6	12.9	22.9	34.3	46.8	60.0	73.2	87.5	101.5	115.6
15°	0.0	4.6	13.1	23.3	34.9	47.5	60.8	74.3	88.8	102.7	117.1
12.5°	0.0	4.6	13.3	23.6	35.4	48.1	61.5	75.3	89.9	103.7	118.4
10°	0.0	4.7	13.4	23.9	35.9	48.5	62.0	76.1	90.7	104.7	119.6
7.5°	0.0	4.7	13.5	24.1	36.2	48.7	62.4	76.8	91.3	105.5	121.0
5°	0.0	4.6	13.6	24.3	36.4	48.9	62.6	77.3	91.6	106.2	122.1
2.5°	0.0	4.6	13.7	24.4	36.6	48.9	62.6	77.6	91.7	106.6	123.0
0°	0.0	4.6	13.7	24.4	36.6	48.9	62.6	77.6	91.7	106.6	123.0
-2.5°	0.0	4.6	13.7	24.4	36.6	48.9	62.6	77.6	91.7	106.6	123.0
-5°	0.0	4.6	13.6	24.3	36.4	48.9	62.6	77.3	91.6	106.2	122.1
-7.5°	0.0	4.7	13.5	24.1	36.2	48.7	62.4	76.8	91.3	105.5	121.0
-10°	0.0	4.7	13.4	23.9	35.9	48.5	62.0	76.1	90.7	104.7	119.6
-12.5°	0.0	4.6	13.3	23.6	35.4	48.1	61.5	75.3	89.9	103.7	118.4
-15°	0.0	4.6	13.1	23.3	34.9	47.5	60.8	74.3	88.8	102.7	117.1
-17.5°	0.0	4.6	12.9	22.9	34.3	46.8	60.0	73.2	87.5	101.5	115.6
-20°	0.0	4.6	12.7	22.5	33.6	46.0	59.0	72.0	86.0	100.0	113.8

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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	4.5	12.4	21.9	32.9	45.0	57.7	70.6	84.2	98.2	111.8
-25°	0.0	4.5	12.1	21.4	32.0	43.8	56.4	69.0	82.3	96.2	109.6
-27.5°	0.0	4.4	11.8	20.8	31.0	42.6	54.8	67.2	80.1	93.8	107.1
-30°	0.0	4.3	11.5	20.1	30.0	41.2	53.2	65.2	77.8	91.1	104.3
-32.5°	0.0	4.2	11.1	19.4	29.0	39.7	51.4	63.0	75.3	88.1	101.1
-35°	0.0	4.1	10.7	18.6	27.8	38.1	49.4	60.8	72.6	85.0	97.5
-37.5°	0.0	4.0	10.3	17.7	26.6	36.5	47.4	58.3	69.6	81.6	93.5
-40°	0.0	3.9	9.9	16.9	25.3	34.8	45.2	55.8	66.4	78.0	89.4
-42.5°	0.0	3.8	9.4	15.9	24.1	33.1	42.9	53.1	63.2	74.2	85.1
-45°	0.0	3.6	9.0	15.0	22.8	31.3	40.4	50.2	60.0	70.2	80.6
-47.5°	0.0	3.5	8.5	14.0	21.5	29.5	37.9	47.2	56.6	66.1	76.1
-50°	0.0	3.3	8.0	13.2	20.1	27.5	35.5	44.2	53.0	62.1	71.4
-52.5°	0.0	3.2	7.5	12.5	18.7	25.5	33.1	41.0	49.3	57.8	66.7
-55°	0.0	3.0	7.0	11.7	17.2	23.6	30.6	37.7	45.4	53.4	61.7
-57.5°	0.0	2.8	6.4	10.8	15.7	21.7	28.0	34.7	41.4	48.8	56.5
-60°	0.0	2.6	5.9	10.0	14.2	19.8	25.3	31.5	37.4	44.1	51.1
-62.5°	0.0	2.4	5.5	9.1	13.0	17.8	22.9	28.2	33.6	39.1	45.6
-65°	0.0	2.2	5.0	8.2	11.7	15.7	20.5	25.0	29.9	34.7	39.8
-67.5°	0.0	2.0	4.6	7.2	10.4	13.8	18.0	22.1	26.0	30.4	34.7
-70°	0.0	1.8	4.1	6.3	9.1	12.1	15.4	19.1	22.6	26.0	29.9
-72.5°	0.0	1.6	3.6	5.5	7.7	10.4	13.2	16.0	19.1	22.1	25.0
-75°	0.0	1.4	3.1	4.7	6.4	8.6	10.9	13.2	15.5	18.1	20.7
-77.5°	0.0	1.2	2.6	4.0	5.3	6.7	8.7	10.6	12.5	14.3	16.3
-80°	0.0	0.9	2.1	3.2	4.2	5.3	6.4	7.9	9.4	10.9	12.3
-82.5°	0.0	0.7	1.6	2.4	3.2	4.0	4.7	5.5	6.3	7.4	8.5
-85°	0.0	0.5	1.1	1.6	2.1	2.6	3.2	3.7	4.2	4.7	5.2
-87.5°	0.0	0.2	0.5	0.8	1.1	1.3	1.6	1.8	2.1	2.3	2.6
-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	3.3	3.5	3.7	3.9	4.1	4.3	4.5	4.7	4.8
85°	5.6	6.1	6.8	7.4	8.0	8.5	8.9	9.2	9.9	10.5	11.2
82.5°	9.6	10.6	11.6	12.6	13.3	13.9	14.4	15.2	16.5	17.8	19.0
80°	13.7	15.1	16.7	18.3	19.6	20.9	22.3	23.7	25.2	26.6	27.9
77.5°	18.3	20.4	22.4	24.3	26.2	28.3	30.3	32.3	34.1	35.9	37.6
75°	23.2	25.6	28.3	31.0	33.5	36.0	38.5	41.1	43.6	46.0	48.2
72.5°	28.2	31.5	34.7	37.8	41.1	44.4	47.5	50.6	53.5	56.7	60.0
70°	33.6	37.4	41.5	45.4	49.2	53.1	57.0	60.4	63.6	67.9	72.2
67.5°	39.2	44.2	48.9	53.3	58.3	62.9	66.9	71.2	75.7	80.7	85.0
65°	45.7	51.2	56.6	62.2	68.0	72.8	77.8	83.0	88.2	93.1	97.8
62.5°	52.2	58.3	64.6	70.7	76.6	82.3	88.3	94.3	100.0	105.7	110.8
60°	58.4	65.4	71.9	78.4	85.0	92.2	98.9	105.4	112.2	118.7	122.1
57.5°	64.4	71.8	78.7	85.9	93.8	101.9	108.9	116.3	122.1	126.6	131.0
55°	70.0	77.8	85.3	93.4	102.0	110.4	118.2	124.8	130.2	134.3	139.0
52.5°	75.3	83.5	91.7	100.5	109.6	118.6	126.7	132.9	137.8	142.0	146.4
50°	80.5	89.0	97.7	107.5	117.2	126.7	134.7	140.4	144.9	149.2	153.7
47.5°	85.6	94.6	103.9	114.3	124.8	134.0	141.6	146.7	151.3	156.4	161.4
45°	90.6	100.3	110.3	121.4	132.0	140.8	147.2	152.4	158.1	163.6	168.9
42.5°	95.4	106.0	116.7	128.3	138.5	146.4	152.4	158.6	164.7	170.6	176.6
40°	100.4	111.4	122.8	134.3	144.5	151.4	157.8	164.4	171.2	177.6	184.2
37.5°	105.1	116.5	128.3	139.8	149.2	156.2	162.8	170.1	177.2	184.2	192.8
35°	109.6	121.2	133.0	144.2	153.2	160.4	167.8	175.5	183.0	192.0	201.8
32.5°	113.6	125.4	137.3	147.8	156.6	164.4	172.7	180.7	189.7	199.8	211.5
30°	117.0	129.0	141.0	151.2	159.8	168.1	177.1	185.9	196.4	208.6	222.6
27.5°	120.0	132.3	144.0	154.2	162.9	171.1	180.6	191.8	203.8	217.5	234.0
25°	122.7	135.6	146.7	156.9	165.4	174.0	184.1	196.4	210.9	227.5	247.6
22.5°	125.4	138.8	149.6	159.5	167.3	176.6	188.0	201.4	217.2	236.6	261.1
20°	127.9	141.1	151.8	161.5	168.8	178.9	191.5	205.8	223.7	246.8	275.1
17.5°	130.2	143.2	153.6	162.7	170.7	181.3	194.5	209.4	229.4	256.1	288.0
15°	132.3	144.9	155.0	163.6	172.4	183.9	197.7	213.8	235.7	265.0	299.5
12.5°	134.1	146.3	156.1	164.4	173.8	186.0	200.5	218.3	242.4	273.7	314.0
10°	135.7	147.3	156.8	164.9	174.8	187.6	202.8	222.0	247.7	280.5	325.2
7.5°	137.0	148.2	157.4	165.2	175.4	188.7	204.6	224.9	251.5	285.3	333.2
5°	138.0	148.9	158.0	166.2	176.5	189.6	206.0	226.8	253.7	288.1	338.2
2.5°	138.5	149.3	158.4	167.0	177.6	190.4	207.0	229.0	255.5	290.9	342.1
0°	138.7	149.4	158.5	167.7	178.4	190.6	207.3	230.2	256.1	292.7	344.5
-2.5°	138.5	149.3	158.4	167.0	177.6	190.4	207.0	229.0	255.5	290.9	342.1
-5°	138.0	148.9	158.0	166.2	176.5	189.6	206.0	226.8	253.7	288.1	338.2
-7.5°	137.0	148.2	157.4	165.2	175.4	188.7	204.6	224.9	251.5	285.3	333.2
-10°	135.7	147.3	156.8	164.9	174.8	187.6	202.8	222.0	247.7	280.5	325.2
-12.5°	134.1	146.3	156.1	164.4	173.8	186.0	200.5	218.3	242.4	273.7	314.0
-15°	132.3	144.9	155.0	163.6	172.4	183.9	197.7	213.8	235.7	265.0	299.5
-17.5°	130.2	143.2	153.6	162.7	170.7	181.3	194.5	209.4	229.4	256.1	288.0
-20°	127.9	141.1	151.8	161.5	168.8	178.9	191.5	205.8	223.7	246.8	275.1

Classified

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

Scaled Data Report



REPORT NUMBER: P626759 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA1D-750-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°	125.4	138.8	149.6	159.5	167.3	176.6	188.0	201.4	217.2	236.6	261.1
-25°	122.7	135.6	146.7	156.9	165.4	174.0	184.1	196.4	210.9	227.5	247.6
-27.5°	120.0	132.3	144.0	154.2	162.9	171.1	180.6	191.8	203.8	217.5	234.0
-30°	117.0	129.0	141.0	151.2	159.8	168.1	177.1	185.9	196.4	208.6	222.6
-32.5°	113.6	125.4	137.3	147.8	156.6	164.4	172.7	180.7	189.7	199.8	211.5
-35°	109.6	121.2	133.0	144.2	153.2	160.4	167.8	175.5	183.0	192.0	201.8
-37.5°	105.1	116.5	128.3	139.8	149.2	156.2	162.8	170.1	177.2	184.2	192.8
-40°	100.4	111.4	122.8	134.3	144.5	151.4	157.8	164.4	171.2	177.6	184.2
-42.5°	95.4	106.0	116.7	128.3	138.5	146.4	152.4	158.6	164.7	170.6	176.6
-45°	90.6	100.3	110.3	121.4	132.0	140.8	147.2	152.4	158.1	163.6	168.9
-47.5°	85.6	94.6	103.9	114.3	124.8	134.0	141.6	146.7	151.3	156.4	161.4
-50°	80.5	89.0	97.7	107.5	117.2	126.7	134.7	140.4	144.9	149.2	153.7
-52.5°	75.3	83.5	91.7	100.5	109.6	118.6	126.7	132.9	137.8	142.0	146.4
-55°	70.0	77.8	85.3	93.4	102.0	110.4	118.2	124.8	130.2	134.3	139.0
-57.5°	64.4	71.8	78.7	85.9	93.8	101.9	108.9	116.3	122.1	126.6	131.0
-60°	58.4	65.4	71.9	78.4	85.0	92.2	98.9	105.4	112.2	118.7	122.1
-62.5°	52.2	58.3	64.6	70.7	76.6	82.3	88.3	94.3	100.0	105.7	110.8
-65°	45.7	51.2	56.6	62.2	68.0	72.8	77.8	83.0	88.2	93.1	97.8
-67.5°	39.2	44.2	48.9	53.3	58.3	62.9	66.9	71.2	75.7	80.7	85.0
-70°	33.6	37.4	41.5	45.4	49.2	53.1	57.0	60.4	63.6	67.9	72.2
-72.5°	28.2	31.5	34.7	37.8	41.1	44.4	47.5	50.6	53.5	56.7	60.0
-75°	23.2	25.6	28.3	31.0	33.5	36.0	38.5	41.1	43.6	46.0	48.2
-77.5°	18.3	20.4	22.4	24.3	26.2	28.3	30.3	32.3	34.1	35.9	37.6
-80°	13.7	15.1	16.7	18.3	19.6	20.9	22.3	23.7	25.2	26.6	27.9
-82.5°	9.6	10.6	11.6	12.6	13.3	13.9	14.4	15.2	16.5	17.8	19.0
-85°	5.6	6.1	6.8	7.4	8.0	8.5	8.9	9.2	9.9	10.5	11.2
-87.5°	2.8	3.0	3.3	3.5	3.7	3.9	4.1	4.3	4.5	4.7	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: P626759 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA1D-750-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°	5.0	5.1	5.3	5.4	5.5	5.6	5.7	5.8	5.9	5.6	5.3
85°	11.9	12.3	12.8	13.1	13.5	13.8	14.1	14.4	14.6	14.4	14.2
82.5°	20.1	20.9	21.6	22.3	22.9	23.4	24.0	24.4	24.8	24.8	24.7
80°	29.2	30.5	31.8	33.1	34.4	35.2	35.7	36.2	36.4	36.6	36.6
77.5°	39.3	41.3	43.4	45.5	47.5	48.7	49.5	50.2	50.8	50.9	50.8
75°	50.4	53.0	55.9	58.4	60.6	61.9	62.9	63.7	64.3	64.5	64.4
72.5°	63.4	66.6	69.2	71.3	73.1	74.6	75.7	76.7	77.5	77.9	77.9
70°	76.1	79.2	81.7	83.9	85.7	87.2	88.6	89.8	90.8	91.5	92.0
67.5°	89.0	92.6	95.1	97.1	98.6	100.2	102.1	103.7	105.0	106.0	106.4
65°	102.2	106.0	108.4	110.6	112.5	114.4	116.5	118.0	119.0	119.6	120.0
62.5°	115.1	118.6	121.7	124.5	127.2	129.5	130.9	132.2	133.2	134.1	134.8
60°	126.1	130.6	134.0	136.7	139.4	141.9	143.7	145.0	146.1	146.9	147.4
57.5°	135.5	140.0	144.1	146.7	149.6	152.7	154.7	155.8	156.9	157.8	158.3
55°	143.7	147.9	151.6	155.2	158.5	161.2	163.4	164.9	166.2	167.3	167.6
52.5°	151.1	155.7	160.0	163.9	167.0	169.7	171.9	173.8	175.2	176.2	176.7
50°	158.9	163.8	168.5	172.7	175.9	178.9	181.5	183.8	186.0	187.8	189.0
47.5°	166.5	171.8	176.9	181.6	185.5	189.8	193.6	196.9	200.1	202.6	204.4
45°	174.3	180.3	185.9	191.9	197.2	202.8	208.0	212.5	217.1	220.6	223.0
42.5°	182.8	189.7	196.4	203.8	211.0	218.4	226.3	233.4	238.8	244.0	248.1
40°	192.0	199.8	208.6	217.7	228.4	238.1	248.7	257.8	266.1	274.8	281.8
37.5°	201.8	211.5	223.1	235.3	249.1	262.4	276.2	289.9	301.8	315.9	326.6
35°	212.5	225.7	239.9	256.4	273.6	292.5	311.5	333.5	352.4	373.2	391.3
32.5°	225.3	241.0	259.8	281.4	303.5	332.3	359.1	394.1	424.3	457.3	490.6
30°	238.5	259.0	283.2	310.4	345.5	385.1	429.2	481.2	534.8	586.7	649.3
27.5°	254.9	279.6	308.8	348.7	400.3	453.8	529.7	607.8	706.3	787.8	902.7
25°	271.8	300.9	342.5	396.7	464.1	556.9	672.0	796.8	970.2	1122.6	1301.2
22.5°	290.3	329.5	381.2	448.1	550.3	692.8	867.1	1102.0	1357.8	1629.3	1899.4
20°	309.4	357.0	424.7	521.8	662.0	855.0	1154.2	1516.8	1882.2	2330.2	2727.0
17.5°	331.7	392.2	475.7	597.1	784.1	1079.8	1494.9	2001.1	2567.9	3212.2	3784.2
15°	350.3	422.4	527.8	697.6	954.8	1334.5	1858.0	2554.4	3406.2	4271.4	5149.3
12.5°	371.8	455.2	579.1	781.4	1104.5	1609.1	2321.7	3203.1	4267.0	5467.1	6881.8
10°	390.9	487.5	641.4	891.9	1286.8	1895.6	2760.3	3820.7	5193.7	6920.4	9111.2
7.5°	405.1	513.2	689.5	976.0	1444.4	2171.0	3174.8	4497.1	6241.6	8521.7	11528.4
5°	414.3	531.7	723.5	1040.9	1567.7	2375.9	3478.5	4976.8	7081.5	10306.2	15397.8
2.5°	419.8	542.7	742.9	1078.9	1642.7	2511.8	3709.6	5339.5	7625.8	11409.0	17886.5
0°	422.3	545.8	754.6	1099.1	1667.8	2564.1	3815.7	5504.8	7869.3	11666.7	18324.1
-2.5°	419.8	542.7	742.9	1078.9	1642.7	2511.8	3709.6	5339.5	7625.8	11409.0	17886.5
-5°	414.3	531.7	723.5	1040.9	1567.7	2375.9	3478.5	4976.8	7081.5	10306.2	15397.8
-7.5°	405.1	513.2	689.5	976.0	1444.4	2171.0	3174.8	4497.1	6241.6	8521.7	11528.4
-10°	390.9	487.5	641.4	891.9	1286.8	1895.6	2760.3	3820.7	5193.7	6920.4	9111.2
-12.5°	371.8	455.2	579.1	781.4	1104.5	1609.1	2321.7	3203.1	4267.0	5467.1	6881.8
-15°	350.3	422.4	527.8	697.6	954.8	1334.5	1858.0	2554.4	3406.2	4271.4	5149.3
-17.5°	331.7	392.2	475.7	597.1	784.1	1079.8	1494.9	2001.1	2567.9	3212.2	3784.2
-20°	309.4	357.0	424.7	521.8	662.0	855.0	1154.2	1516.8	1882.2	2330.2	2727.0

Classified

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

Scaled Data Report



REPORT NUMBER: P626759 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA1D-750-U-NR-XX

**CANDELA DISTRIBUTION (continued):**

	-35°	-32.5°	-30°	-27.5°	-25°	-22.5°	-20°	-17.5°	-15°	-12.5°	-10°
-22.5°	290.3	329.5	381.2	448.1	550.3	692.8	867.1	1102.0	1357.8	1629.3	1899.4
-25°	271.8	300.9	342.5	396.7	464.1	556.9	672.0	796.8	970.2	1122.6	1301.2
-27.5°	254.9	279.6	308.8	348.7	400.3	453.8	529.7	607.8	706.3	787.8	902.7
-30°	238.5	259.0	283.2	310.4	345.5	385.1	429.2	481.2	534.8	586.7	649.3
-32.5°	225.3	241.0	259.8	281.4	303.5	332.3	359.1	394.1	424.3	457.3	490.6
-35°	212.5	225.7	239.9	256.4	273.6	292.5	311.5	333.5	352.4	373.2	391.3
-37.5°	201.8	211.5	223.1	235.3	249.1	262.4	276.2	289.9	301.8	315.9	326.6
-40°	192.0	199.8	208.6	217.7	228.4	238.1	248.7	257.8	266.1	274.8	281.8
-42.5°	182.8	189.7	196.4	203.8	211.0	218.4	226.3	233.4	238.8	244.0	248.1
-45°	174.3	180.3	185.9	191.9	197.2	202.8	208.0	212.5	217.1	220.6	223.0
-47.5°	166.5	171.8	176.9	181.6	185.5	189.8	193.6	196.9	200.1	202.6	204.4
-50°	158.9	163.8	168.5	172.7	175.9	178.9	181.5	183.8	186.0	187.8	189.0
-52.5°	151.1	155.7	160.0	163.9	167.0	169.7	171.9	173.8	175.2	176.2	176.7
-55°	143.7	147.9	151.6	155.2	158.5	161.2	163.4	164.9	166.2	167.3	167.6
-57.5°	135.5	140.0	144.1	146.7	149.6	152.7	154.7	155.8	156.9	157.8	158.3
-60°	126.1	130.6	134.0	136.7	139.4	141.9	143.7	145.0	146.1	146.9	147.4
-62.5°	115.1	118.6	121.7	124.5	127.2	129.5	130.9	132.2	133.2	134.1	134.8
-65°	102.2	106.0	108.4	110.6	112.5	114.4	116.5	118.0	119.0	119.6	120.0
-67.5°	89.0	92.6	95.1	97.1	98.6	100.2	102.1	103.7	105.0	106.0	106.4
-70°	76.1	79.2	81.7	83.9	85.7	87.2	88.6	89.8	90.8	91.5	92.0
-72.5°	63.4	66.6	69.2	71.3	73.1	74.6	75.7	76.7	77.5	77.9	77.9
-75°	50.4	53.0	55.9	58.4	60.6	61.9	62.9	63.7	64.3	64.5	64.4
-77.5°	39.3	41.3	43.4	45.5	47.5	48.7	49.5	50.2	50.8	50.9	50.8
-80°	29.2	30.5	31.8	33.1	34.4	35.2	35.7	36.2	36.4	36.6	36.6
-82.5°	20.1	20.9	21.6	22.3	22.9	23.4	24.0	24.4	24.8	24.8	24.7
-85°	11.9	12.3	12.8	13.1	13.5	13.8	14.1	14.4	14.6	14.4	14.2
-87.5°	5.0	5.1	5.3	5.4	5.5	5.6	5.7	5.8	5.9	5.6	5.3
-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: P626759 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: GFLD-SA1D-750-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°	4.9	4.6	4.6	4.6	4.6	4.6	4.9	5.3	5.6	5.9	5.8
85°	13.9	13.6	13.7	13.7	13.7	13.6	13.9	14.2	14.4	14.6	14.4
82.5°	24.5	24.3	24.4	24.4	24.4	24.3	24.5	24.7	24.8	24.8	24.4
80°	36.6	36.4	35.8	35.1	35.8	36.4	36.6	36.6	36.6	36.4	36.2
77.5°	50.5	50.1	49.5	48.8	49.5	50.1	50.5	50.8	50.9	50.8	50.2
75°	64.1	63.7	63.9	64.0	63.9	63.7	64.1	64.4	64.5	64.3	63.7
72.5°	77.7	77.4	77.6	77.7	77.6	77.4	77.7	77.9	77.9	77.5	76.7
70°	92.4	92.6	92.2	91.5	92.2	92.6	92.4	92.0	91.5	90.8	89.8
67.5°	106.5	106.3	105.9	105.2	105.9	106.3	106.5	106.4	106.0	105.0	103.7
65°	120.2	120.0	120.3	120.4	120.3	120.0	120.2	120.0	119.6	119.0	118.0
62.5°	135.2	135.2	134.9	134.2	134.9	135.2	135.2	134.8	134.1	133.2	132.2
60°	147.6	147.5	147.1	146.3	147.1	147.5	147.6	147.4	146.9	146.1	145.0
57.5°	158.4	158.2	157.7	157.0	157.7	158.2	158.4	158.3	157.8	156.9	155.8
55°	167.7	167.5	167.0	166.2	167.0	167.5	167.7	167.6	167.3	166.2	164.9
52.5°	176.8	176.6	176.6	176.8	176.6	176.6	176.8	176.7	176.2	175.2	173.8
50°	189.8	190.0	189.8	189.0	189.8	190.0	189.8	189.0	187.8	186.0	183.8
47.5°	205.3	205.4	205.0	204.3	205.0	205.4	205.3	204.4	202.6	200.1	196.9
45°	224.8	225.9	226.2	225.6	226.2	225.9	224.8	223.0	220.6	217.1	212.5
42.5°	251.3	253.0	253.6	253.1	253.6	253.0	251.3	248.1	244.0	238.8	233.4
40°	286.1	288.0	288.4	288.1	288.4	288.0	286.1	281.8	274.8	266.1	257.8
37.5°	334.1	338.9	341.2	341.5	341.2	338.9	334.1	326.6	315.9	301.8	289.9
35°	405.1	414.7	419.8	422.3	419.8	414.7	405.1	391.3	373.2	352.4	333.5
32.5°	515.7	534.9	545.5	544.2	545.5	534.9	515.7	490.6	457.3	424.3	394.1
30°	696.5	730.0	746.9	742.4	746.9	730.0	696.5	649.3	586.7	534.8	481.2
27.5°	985.3	1045.9	1080.9	1076.3	1080.9	1045.9	985.3	902.7	787.8	706.3	607.8
25°	1450.6	1561.2	1631.9	1614.4	1631.9	1561.2	1450.6	1301.2	1122.6	970.2	796.8
22.5°	2158.4	2345.7	2469.7	2454.4	2469.7	2345.7	2158.4	1899.4	1629.3	1357.8	1102.0
20°	3129.3	3414.4	3618.0	3645.0	3618.0	3414.4	3129.3	2727.0	2330.2	1882.2	1516.8
17.5°	4402.0	4854.1	5168.7	5221.3	5168.7	4854.1	4402.0	3784.2	3212.2	2567.9	2001.1
15°	6056.1	6795.0	7329.7	7373.8	7329.7	6795.0	6056.1	5149.3	4271.4	3406.2	2554.4
12.5°	8302.0	9788.1	10758.0	11185.0	10758.0	9788.1	8302.0	6881.8	5467.1	4267.0	3203.1
10°	11410.3	14823.8	17009.8	17831.7	17009.8	14823.8	11410.3	9111.2	6920.4	5193.7	3820.7
7.5°	16602.1	21961.3	27919.4	30458.8	27919.4	21961.3	16602.1	11528.4	8521.7	6241.6	4497.1
5°	22481.3	33604.0	44183.6	48314.8	44183.6	33604.0	22481.3	15397.8	10306.2	7081.5	4976.8
2.5°	28667.9	44171.1	58698.9	64380.5	58698.9	44171.1	28667.9	17886.5	11409.0	7625.8	5339.5
0°	31083.8	48798.1	64782.1	71152.8	64782.1	48798.1	31083.8	18324.1	11666.7	7869.3	5504.8
-2.5°	28667.9	44171.1	58698.9	64380.5	58698.9	44171.1	28667.9	17886.5	11409.0	7625.8	5339.5
-5°	22481.3	33604.0	44183.6	48314.8	44183.6	33604.0	22481.3	15397.8	10306.2	7081.5	4976.8
-7.5°	16602.1	21961.3	27919.4	30458.8	27919.4	21961.3	16602.1	11528.4	8521.7	6241.6	4497.1
-10°	11410.3	14823.8	17009.8	17831.7	17009.8	14823.8	11410.3	9111.2	6920.4	5193.7	3820.7
-12.5°	8302.0	9788.1	10758.0	11185.0	10758.0	9788.1	8302.0	6881.8	5467.1	4267.0	3203.1
-15°	6056.1	6795.0	7329.7	7373.8	7329.7	6795.0	6056.1	5149.3	4271.4	3406.2	2554.4
-17.5°	4402.0	4854.1	5168.7	5221.3	5168.7	4854.1	4402.0	3784.2	3212.2	2567.9	2001.1
-20°	3129.3	3414.4	3618.0	3645.0	3618.0	3414.4	3129.3	2727.0	2330.2	1882.2	1516.8



REPORT NUMBER: P626759 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: GFLD-SA1D-750-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°	2158.4	2345.7	2469.7	2454.4	2469.7	2345.7	2158.4	1899.4	1629.3	1357.8	1102.0
-25°	1450.6	1561.2	1631.9	1614.4	1631.9	1561.2	1450.6	1301.2	1122.6	970.2	796.8
-27.5°	985.3	1045.9	1080.9	1076.3	1080.9	1045.9	985.3	902.7	787.8	706.3	607.8
-30°	696.5	730.0	746.9	742.4	746.9	730.0	696.5	649.3	586.7	534.8	481.2
-32.5°	515.7	534.9	545.5	544.2	545.5	534.9	515.7	490.6	457.3	424.3	394.1
-35°	405.1	414.7	419.8	422.3	419.8	414.7	405.1	391.3	373.2	352.4	333.5
-37.5°	334.1	338.9	341.2	341.5	341.2	338.9	334.1	326.6	315.9	301.8	289.9
-40°	286.1	288.0	288.4	288.1	288.4	288.0	286.1	281.8	274.8	266.1	257.8
-42.5°	251.3	253.0	253.6	253.1	253.6	253.0	251.3	248.1	244.0	238.8	233.4
-45°	224.8	225.9	226.2	225.6	226.2	225.9	224.8	223.0	220.6	217.1	212.5
-47.5°	205.3	205.4	205.0	204.3	205.0	205.4	205.3	204.4	202.6	200.1	196.9
-50°	189.8	190.0	189.8	189.0	189.8	190.0	189.8	189.0	187.8	186.0	183.8
-52.5°	176.8	176.6	176.6	176.8	176.6	176.6	176.8	176.7	176.2	175.2	173.8
-55°	167.7	167.5	167.0	166.2	167.0	167.5	167.7	167.6	167.3	166.2	164.9
-57.5°	158.4	158.2	157.7	157.0	157.7	158.2	158.4	158.3	157.8	156.9	155.8
-60°	147.6	147.5	147.1	146.3	147.1	147.5	147.6	147.4	146.9	146.1	145.0
-62.5°	135.2	135.2	134.9	134.2	134.9	135.2	135.2	134.8	134.1	133.2	132.2
-65°	120.2	120.0	120.3	120.4	120.3	120.0	120.2	120.0	119.6	119.0	118.0
-67.5°	106.5	106.3	105.9	105.2	105.9	106.3	106.5	106.4	106.0	105.0	103.7
-70°	92.4	92.6	92.2	91.5	92.2	92.6	92.4	92.0	91.5	90.8	89.8
-72.5°	77.7	77.4	77.6	77.7	77.6	77.4	77.7	77.9	77.9	77.5	76.7
-75°	64.1	63.7	63.9	64.0	63.9	63.7	64.1	64.4	64.5	64.3	63.7
-77.5°	50.5	50.1	49.5	48.8	49.5	50.1	50.5	50.8	50.9	50.8	50.2
-80°	36.6	36.4	35.8	35.1	35.8	36.4	36.6	36.6	36.6	36.4	36.2
-82.5°	24.5	24.3	24.4	24.4	24.4	24.3	24.5	24.7	24.8	24.8	24.4
-85°	13.9	13.6	13.7	13.7	13.7	13.6	13.9	14.2	14.4	14.6	14.4
-87.5°	4.9	4.6	4.6	4.6	4.6	4.6	4.9	5.3	5.6	5.9	5.8
-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: P626759 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA1D-750-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°	5.7	5.6	5.5	5.4	5.3	5.1	5.0	4.8	4.7	4.5	4.3
85°	14.1	13.8	13.5	13.1	12.8	12.3	11.9	11.2	10.5	9.9	9.2
82.5°	24.0	23.4	22.9	22.3	21.6	20.9	20.1	19.0	17.8	16.5	15.2
80°	35.7	35.2	34.4	33.1	31.8	30.5	29.2	27.9	26.6	25.2	23.7
77.5°	49.5	48.7	47.5	45.5	43.4	41.3	39.3	37.6	35.9	34.1	32.3
75°	62.9	61.9	60.6	58.4	55.9	53.0	50.4	48.2	46.0	43.6	41.1
72.5°	75.7	74.6	73.1	71.3	69.2	66.6	63.4	60.0	56.7	53.5	50.6
70°	88.6	87.2	85.7	83.9	81.7	79.2	76.1	72.2	67.9	63.6	60.4
67.5°	102.1	100.2	98.6	97.1	95.1	92.6	89.0	85.0	80.7	75.7	71.2
65°	116.5	114.4	112.5	110.6	108.4	106.0	102.2	97.8	93.1	88.2	83.0
62.5°	130.9	129.5	127.2	124.5	121.7	118.6	115.1	110.8	105.7	100.0	94.3
60°	143.7	141.9	139.4	136.7	134.0	130.6	126.1	122.1	118.7	112.2	105.4
57.5°	154.7	152.7	149.6	146.7	144.1	140.0	135.5	131.0	126.6	122.1	116.3
55°	163.4	161.2	158.5	155.2	151.6	147.9	143.7	139.0	134.3	130.2	124.8
52.5°	171.9	169.7	167.0	163.9	160.0	155.7	151.1	146.4	142.0	137.8	132.9
50°	181.5	178.9	175.9	172.7	168.5	163.8	158.9	153.7	149.2	144.9	140.4
47.5°	193.6	189.8	185.5	181.6	176.9	171.8	166.5	161.4	156.4	151.3	146.7
45°	208.0	202.8	197.2	191.9	185.9	180.3	174.3	168.9	163.6	158.1	152.4
42.5°	226.3	218.4	211.0	203.8	196.4	189.7	182.8	176.6	170.6	164.7	158.6
40°	248.7	238.1	228.4	217.7	208.6	199.8	192.0	184.2	177.6	171.2	164.4
37.5°	276.2	262.4	249.1	235.3	223.1	211.5	201.8	192.8	184.2	177.2	170.1
35°	311.5	292.5	273.6	256.4	239.9	225.7	212.5	201.8	192.0	183.0	175.5
32.5°	359.1	332.3	303.5	281.4	259.8	241.0	225.3	211.5	199.8	189.7	180.7
30°	429.2	385.1	345.5	310.4	283.2	259.0	238.5	222.6	208.6	196.4	185.9
27.5°	529.7	453.8	400.3	348.7	308.8	279.6	254.9	234.0	217.5	203.8	191.8
25°	672.0	556.9	464.1	396.7	342.5	300.9	271.8	247.6	227.5	210.9	196.4
22.5°	867.1	692.8	550.3	448.1	381.2	329.5	290.3	261.1	236.6	217.2	201.4
20°	1154.2	855.0	662.0	521.8	424.7	357.0	309.4	275.1	246.8	223.7	205.8
17.5°	1494.9	1079.8	784.1	597.1	475.7	392.2	331.7	288.0	256.1	229.4	209.4
15°	1858.0	1334.5	954.8	697.6	527.8	422.4	350.3	299.5	265.0	235.7	213.8
12.5°	2321.7	1609.1	1104.5	781.4	579.1	455.2	371.8	314.0	273.7	242.4	218.3
10°	2760.3	1895.6	1286.8	891.9	641.4	487.5	390.9	325.2	280.5	247.7	222.0
7.5°	3174.8	2171.0	1444.4	976.0	689.5	513.2	405.1	333.2	285.3	251.5	224.9
5°	3478.5	2375.9	1567.7	1040.9	723.5	531.7	414.3	338.2	288.1	253.7	226.8
2.5°	3709.6	2511.8	1642.7	1078.9	742.9	542.7	419.8	342.1	290.9	255.5	229.0
0°	3815.7	2564.1	1667.8	1099.1	754.6	545.8	422.3	344.5	292.7	256.1	230.2
-2.5°	3709.6	2511.8	1642.7	1078.9	742.9	542.7	419.8	342.1	290.9	255.5	229.0
-5°	3478.5	2375.9	1567.7	1040.9	723.5	531.7	414.3	338.2	288.1	253.7	226.8
-7.5°	3174.8	2171.0	1444.4	976.0	689.5	513.2	405.1	333.2	285.3	251.5	224.9
-10°	2760.3	1895.6	1286.8	891.9	641.4	487.5	390.9	325.2	280.5	247.7	222.0
-12.5°	2321.7	1609.1	1104.5	781.4	579.1	455.2	371.8	314.0	273.7	242.4	218.3
-15°	1858.0	1334.5	954.8	697.6	527.8	422.4	350.3	299.5	265.0	235.7	213.8
-17.5°	1494.9	1079.8	784.1	597.1	475.7	392.2	331.7	288.0	256.1	229.4	209.4
-20°	1154.2	855.0	662.0	521.8	424.7	357.0	309.4	275.1	246.8	223.7	205.8

Classified

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

Scaled Data Report



REPORT NUMBER: P626759 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA1D-750-U-NR-XX

**CANDELA DISTRIBUTION (continued):**

	20°	22.5°	25°	27.5°	30°	32.5°	35°	37.5°	40°	42.5°	45°
-22.5°	867.1	692.8	550.3	448.1	381.2	329.5	290.3	261.1	236.6	217.2	201.4
-25°	672.0	556.9	464.1	396.7	342.5	300.9	271.8	247.6	227.5	210.9	196.4
-27.5°	529.7	453.8	400.3	348.7	308.8	279.6	254.9	234.0	217.5	203.8	191.8
-30°	429.2	385.1	345.5	310.4	283.2	259.0	238.5	222.6	208.6	196.4	185.9
-32.5°	359.1	332.3	303.5	281.4	259.8	241.0	225.3	211.5	199.8	189.7	180.7
-35°	311.5	292.5	273.6	256.4	239.9	225.7	212.5	201.8	192.0	183.0	175.5
-37.5°	276.2	262.4	249.1	235.3	223.1	211.5	201.8	192.8	184.2	177.2	170.1
-40°	248.7	238.1	228.4	217.7	208.6	199.8	192.0	184.2	177.6	171.2	164.4
-42.5°	226.3	218.4	211.0	203.8	196.4	189.7	182.8	176.6	170.6	164.7	158.6
-45°	208.0	202.8	197.2	191.9	185.9	180.3	174.3	168.9	163.6	158.1	152.4
-47.5°	193.6	189.8	185.5	181.6	176.9	171.8	166.5	161.4	156.4	151.3	146.7
-50°	181.5	178.9	175.9	172.7	168.5	163.8	158.9	153.7	149.2	144.9	140.4
-52.5°	171.9	169.7	167.0	163.9	160.0	155.7	151.1	146.4	142.0	137.8	132.9
-55°	163.4	161.2	158.5	155.2	151.6	147.9	143.7	139.0	134.3	130.2	124.8
-57.5°	154.7	152.7	149.6	146.7	144.1	140.0	135.5	131.0	126.6	122.1	116.3
-60°	143.7	141.9	139.4	136.7	134.0	130.6	126.1	122.1	118.7	112.2	105.4
-62.5°	130.9	129.5	127.2	124.5	121.7	118.6	115.1	110.8	105.7	100.0	94.3
-65°	116.5	114.4	112.5	110.6	108.4	106.0	102.2	97.8	93.1	88.2	83.0
-67.5°	102.1	100.2	98.6	97.1	95.1	92.6	89.0	85.0	80.7	75.7	71.2
-70°	88.6	87.2	85.7	83.9	81.7	79.2	76.1	72.2	67.9	63.6	60.4
-72.5°	75.7	74.6	73.1	71.3	69.2	66.6	63.4	60.0	56.7	53.5	50.6
-75°	62.9	61.9	60.6	58.4	55.9	53.0	50.4	48.2	46.0	43.6	41.1
-77.5°	49.5	48.7	47.5	45.5	43.4	41.3	39.3	37.6	35.9	34.1	32.3
-80°	35.7	35.2	34.4	33.1	31.8	30.5	29.2	27.9	26.6	25.2	23.7
-82.5°	24.0	23.4	22.9	22.3	21.6	20.9	20.1	19.0	17.8	16.5	15.2
-85°	14.1	13.8	13.5	13.1	12.8	12.3	11.9	11.2	10.5	9.9	9.2
-87.5°	5.7	5.6	5.5	5.4	5.3	5.1	5.0	4.8	4.7	4.5	4.3
-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: P626759 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: GFLD-SA1D-750-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°	4.1	3.9	3.7	3.5	3.3	3.0	2.8	2.6	2.3	2.1	1.8
85°	8.9	8.5	8.0	7.4	6.8	6.1	5.6	5.2	4.7	4.2	3.7
82.5°	14.4	13.9	13.3	12.6	11.6	10.6	9.6	8.5	7.4	6.3	5.5
80°	22.3	20.9	19.6	18.3	16.7	15.1	13.7	12.3	10.9	9.4	7.9
77.5°	30.3	28.3	26.2	24.3	22.4	20.4	18.3	16.3	14.3	12.5	10.6
75°	38.5	36.0	33.5	31.0	28.3	25.6	23.2	20.7	18.1	15.5	13.2
72.5°	47.5	44.4	41.1	37.8	34.7	31.5	28.2	25.0	22.1	19.1	16.0
70°	57.0	53.1	49.2	45.4	41.5	37.4	33.6	29.9	26.0	22.6	19.1
67.5°	66.9	62.9	58.3	53.3	48.9	44.2	39.2	34.7	30.4	26.0	22.1
65°	77.8	72.8	68.0	62.2	56.6	51.2	45.7	39.8	34.7	29.9	25.0
62.5°	88.3	82.3	76.6	70.7	64.6	58.3	52.2	45.6	39.1	33.6	28.2
60°	98.9	92.2	85.0	78.4	71.9	65.4	58.4	51.1	44.1	37.4	31.5
57.5°	108.9	101.9	93.8	85.9	78.7	71.8	64.4	56.5	48.8	41.4	34.7
55°	118.2	110.4	102.0	93.4	85.3	77.8	70.0	61.7	53.4	45.4	37.7
52.5°	126.7	118.6	109.6	100.5	91.7	83.5	75.3	66.7	57.8	49.3	41.0
50°	134.7	126.7	117.2	107.5	97.7	89.0	80.5	71.4	62.1	53.0	44.2
47.5°	141.6	134.0	124.8	114.3	103.9	94.6	85.6	76.1	66.1	56.6	47.2
45°	147.2	140.8	132.0	121.4	110.3	100.3	90.6	80.6	70.2	60.0	50.2
42.5°	152.4	146.4	138.5	128.3	116.7	106.0	95.4	85.1	74.2	63.2	53.1
40°	157.8	151.4	144.5	134.3	122.8	111.4	100.4	89.4	78.0	66.4	55.8
37.5°	162.8	156.2	149.2	139.8	128.3	116.5	105.1	93.5	81.6	69.6	58.3
35°	167.8	160.4	153.2	144.2	133.0	121.2	109.6	97.5	85.0	72.6	60.8
32.5°	172.7	164.4	156.6	147.8	137.3	125.4	113.6	101.1	88.1	75.3	63.0
30°	177.1	168.1	159.8	151.2	141.0	129.0	117.0	104.3	91.1	77.8	65.2
27.5°	180.6	171.1	162.9	154.2	144.0	132.3	120.0	107.1	93.8	80.1	67.2
25°	184.1	174.0	165.4	156.9	146.7	135.6	122.7	109.6	96.2	82.3	69.0
22.5°	188.0	176.6	167.3	159.5	149.6	138.8	125.4	111.8	98.2	84.2	70.6
20°	191.5	178.9	168.8	161.5	151.8	141.1	127.9	113.8	100.0	86.0	72.0
17.5°	194.5	181.3	170.7	162.7	153.6	143.2	130.2	115.6	101.5	87.5	73.2
15°	197.7	183.9	172.4	163.6	155.0	144.9	132.3	117.1	102.7	88.8	74.3
12.5°	200.5	186.0	173.8	164.4	156.1	146.3	134.1	118.4	103.7	89.9	75.3
10°	202.8	187.6	174.8	164.9	156.8	147.3	135.7	119.6	104.7	90.7	76.1
7.5°	204.6	188.7	175.4	165.2	157.4	148.2	137.0	121.0	105.5	91.3	76.8
5°	206.0	189.6	176.5	166.2	158.0	148.9	138.0	122.1	106.2	91.6	77.3
2.5°	207.0	190.4	177.6	167.0	158.4	149.3	138.5	123.0	106.6	91.7	77.6
0°	207.3	190.6	178.4	167.7	158.5	149.4	138.7	123.5	106.7	91.5	77.7
-2.5°	207.0	190.4	177.6	167.0	158.4	149.3	138.5	123.0	106.6	91.7	77.6
-5°	206.0	189.6	176.5	166.2	158.0	148.9	138.0	122.1	106.2	91.6	77.3
-7.5°	204.6	188.7	175.4	165.2	157.4	148.2	137.0	121.0	105.5	91.3	76.8
-10°	202.8	187.6	174.8	164.9	156.8	147.3	135.7	119.6	104.7	90.7	76.1
-12.5°	200.5	186.0	173.8	164.4	156.1	146.3	134.1	118.4	103.7	89.9	75.3
-15°	197.7	183.9	172.4	163.6	155.0	144.9	132.3	117.1	102.7	88.8	74.3
-17.5°	194.5	181.3	170.7	162.7	153.6	143.2	130.2	115.6	101.5	87.5	73.2
-20°	191.5	178.9	168.8	161.5	151.8	141.1	127.9	113.8	100.0	86.0	72.0

Classified

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

Scaled Data Report



REPORT NUMBER: P626759 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA1D-750-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°	188.0	176.6	167.3	159.5	149.6	138.8	125.4	111.8	98.2	84.2	70.6
-25°	184.1	174.0	165.4	156.9	146.7	135.6	122.7	109.6	96.2	82.3	69.0
-27.5°	180.6	171.1	162.9	154.2	144.0	132.3	120.0	107.1	93.8	80.1	67.2
-30°	177.1	168.1	159.8	151.2	141.0	129.0	117.0	104.3	91.1	77.8	65.2
-32.5°	172.7	164.4	156.6	147.8	137.3	125.4	113.6	101.1	88.1	75.3	63.0
-35°	167.8	160.4	153.2	144.2	133.0	121.2	109.6	97.5	85.0	72.6	60.8
-37.5°	162.8	156.2	149.2	139.8	128.3	116.5	105.1	93.5	81.6	69.6	58.3
-40°	157.8	151.4	144.5	134.3	122.8	111.4	100.4	89.4	78.0	66.4	55.8
-42.5°	152.4	146.4	138.5	128.3	116.7	106.0	95.4	85.1	74.2	63.2	53.1
-45°	147.2	140.8	132.0	121.4	110.3	100.3	90.6	80.6	70.2	60.0	50.2
-47.5°	141.6	134.0	124.8	114.3	103.9	94.6	85.6	76.1	66.1	56.6	47.2
-50°	134.7	126.7	117.2	107.5	97.7	89.0	80.5	71.4	62.1	53.0	44.2
-52.5°	126.7	118.6	109.6	100.5	91.7	83.5	75.3	66.7	57.8	49.3	41.0
-55°	118.2	110.4	102.0	93.4	85.3	77.8	70.0	61.7	53.4	45.4	37.7
-57.5°	108.9	101.9	93.8	85.9	78.7	71.8	64.4	56.5	48.8	41.4	34.7
-60°	98.9	92.2	85.0	78.4	71.9	65.4	58.4	51.1	44.1	37.4	31.5
-62.5°	88.3	82.3	76.6	70.7	64.6	58.3	52.2	45.6	39.1	33.6	28.2
-65°	77.8	72.8	68.0	62.2	56.6	51.2	45.7	39.8	34.7	29.9	25.0
-67.5°	66.9	62.9	58.3	53.3	48.9	44.2	39.2	34.7	30.4	26.0	22.1
-70°	57.0	53.1	49.2	45.4	41.5	37.4	33.6	29.9	26.0	22.6	19.1
-72.5°	47.5	44.4	41.1	37.8	34.7	31.5	28.2	25.0	22.1	19.1	16.0
-75°	38.5	36.0	33.5	31.0	28.3	25.6	23.2	20.7	18.1	15.5	13.2
-77.5°	30.3	28.3	26.2	24.3	22.4	20.4	18.3	16.3	14.3	12.5	10.6
-80°	22.3	20.9	19.6	18.3	16.7	15.1	13.7	12.3	10.9	9.4	7.9
-82.5°	14.4	13.9	13.3	12.6	11.6	10.6	9.6	8.5	7.4	6.3	5.5
-85°	8.9	8.5	8.0	7.4	6.8	6.1	5.6	5.2	4.7	4.2	3.7
-87.5°	4.1	3.9	3.7	3.5	3.3	3.0	2.8	2.6	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: P626759 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA1D-750-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°	1.6	1.3	1.1	0.8	0.5	0.2	0.0
85°	3.2	2.6	2.1	1.6	1.1	0.5	0.0
82.5°	4.7	4.0	3.2	2.4	1.6	0.7	0.0
80°	6.4	5.3	4.2	3.2	2.1	0.9	0.0
77.5°	8.7	6.7	5.3	4.0	2.6	1.2	0.0
75°	10.9	8.6	6.4	4.7	3.1	1.4	0.0
72.5°	13.2	10.4	7.7	5.5	3.6	1.6	0.0
70°	15.4	12.1	9.1	6.3	4.1	1.8	0.0
67.5°	18.0	13.8	10.4	7.2	4.6	2.0	0.0
65°	20.5	15.7	11.7	8.2	5.0	2.2	0.0
62.5°	22.9	17.8	13.0	9.1	5.5	2.4	0.0
60°	25.3	19.8	14.2	10.0	5.9	2.6	0.0
57.5°	28.0	21.7	15.7	10.8	6.4	2.8	0.0
55°	30.6	23.6	17.2	11.7	7.0	3.0	0.0
52.5°	33.1	25.5	18.7	12.5	7.5	3.2	0.0
50°	35.5	27.5	20.1	13.2	8.0	3.3	0.0
47.5°	37.9	29.5	21.5	14.0	8.5	3.5	0.0
45°	40.4	31.3	22.8	15.0	9.0	3.6	0.0
42.5°	42.9	33.1	24.1	15.9	9.4	3.8	0.0
40°	45.2	34.8	25.3	16.9	9.9	3.9	0.0
37.5°	47.4	36.5	26.6	17.7	10.3	4.0	0.0
35°	49.4	38.1	27.8	18.6	10.7	4.1	0.0
32.5°	51.4	39.7	29.0	19.4	11.1	4.2	0.0
30°	53.2	41.2	30.0	20.1	11.5	4.3	0.0
27.5°	54.8	42.6	31.0	20.8	11.8	4.4	0.0
25°	56.4	43.8	32.0	21.4	12.1	4.5	0.0
22.5°	57.7	45.0	32.9	21.9	12.4	4.5	0.0
20°	59.0	46.0	33.6	22.5	12.7	4.6	0.0
17.5°	60.0	46.8	34.3	22.9	12.9	4.6	0.0
15°	60.8	47.5	34.9	23.3	13.1	4.6	0.0
12.5°	61.5	48.1	35.4	23.6	13.3	4.6	0.0
10°	62.0	48.5	35.9	23.9	13.4	4.7	0.0
7.5°	62.4	48.7	36.2	24.1	13.5	4.7	0.0
5°	62.6	48.9	36.4	24.3	13.6	4.6	0.0
2.5°	62.6	48.9	36.6	24.4	13.7	4.6	0.0
0°	62.5	48.8	36.6	24.4	13.7	4.6	0.0
-2.5°	62.6	48.9	36.6	24.4	13.7	4.6	0.0
-5°	62.6	48.9	36.4	24.3	13.6	4.6	0.0
-7.5°	62.4	48.7	36.2	24.1	13.5	4.7	0.0
-10°	62.0	48.5	35.9	23.9	13.4	4.7	0.0
-12.5°	61.5	48.1	35.4	23.6	13.3	4.6	0.0
-15°	60.8	47.5	34.9	23.3	13.1	4.6	0.0
-17.5°	60.0	46.8	34.3	22.9	12.9	4.6	0.0
-20°	59.0	46.0	33.6	22.5	12.7	4.6	0.0

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CATALOG NUMBER: GFLD-SA1D-750-U-NR-XX

**CANDELA DISTRIBUTION (continued):**

	75°	77.5°	80°	82.5°	85°	87.5°	90°
-22.5°	57.7	45.0	32.9	21.9	12.4	4.5	0.0
-25°	56.4	43.8	32.0	21.4	12.1	4.5	0.0
-27.5°	54.8	42.6	31.0	20.8	11.8	4.4	0.0
-30°	53.2	41.2	30.0	20.1	11.5	4.3	0.0
-32.5°	51.4	39.7	29.0	19.4	11.1	4.2	0.0
-35°	49.4	38.1	27.8	18.6	10.7	4.1	0.0
-37.5°	47.4	36.5	26.6	17.7	10.3	4.0	0.0
-40°	45.2	34.8	25.3	16.9	9.9	3.9	0.0
-42.5°	42.9	33.1	24.1	15.9	9.4	3.8	0.0
-45°	40.4	31.3	22.8	15.0	9.0	3.6	0.0
-47.5°	37.9	29.5	21.5	14.0	8.5	3.5	0.0
-50°	35.5	27.5	20.1	13.2	8.0	3.3	0.0
-52.5°	33.1	25.5	18.7	12.5	7.5	3.2	0.0
-55°	30.6	23.6	17.2	11.7	7.0	3.0	0.0
-57.5°	28.0	21.7	15.7	10.8	6.4	2.8	0.0
-60°	25.3	19.8	14.2	10.0	5.9	2.6	0.0
-62.5°	22.9	17.8	13.0	9.1	5.5	2.4	0.0
-65°	20.5	15.7	11.7	8.2	5.0	2.2	0.0
-67.5°	18.0	13.8	10.4	7.2	4.6	2.0	0.0
-70°	15.4	12.1	9.1	6.3	4.1	1.8	0.0
-72.5°	13.2	10.4	7.7	5.5	3.6	1.6	0.0
-75°	10.9	8.6	6.4	4.7	3.1	1.4	0.0
-77.5°	8.7	6.7	5.3	4.0	2.6	1.2	0.0
-80°	6.4	5.3	4.2	3.2	2.1	0.9	0.0
-82.5°	4.7	4.0	3.2	2.4	1.6	0.7	0.0
-85°	3.2	2.6	2.1	1.6	1.1	0.5	0.0
-87.5°	1.6	1.3	1.1	0.8	0.5	0.2	0.0
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0

(END OF REPORT)