

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: P627478 (CONVERTED FROM TYPE C PHOTOMETRY)

Luminaire Tested: **GFLD-SA4D-750-U-NR-VSR-XX**

Issue Date: 12/7/2022

**Test Information**

Test Method: LM-79-08  
 Report Number: P627478 (CONVERTED FROM TYPE C PHOTOMETRY)  
 TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G2-2210-813-12)  
 Test Lab: COOPER LIGHTING SOLUTIONS  
 Issue Date: 12/7/2022  
 Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)  
 Product Line: MCGRAW-EDISON  
 Catalog Number: GFLD-SA4D-750-U-NR-VSR-XX  
 Description: GALLEON FLOOD, FOUR LIGHT SQAURE, NARROW SYMMETRICAL ROUND N3 WITH VISOR  
 Light Source: (64) 5000K CCT, 70 CRI LEDS  
 Ballast/Driver: -

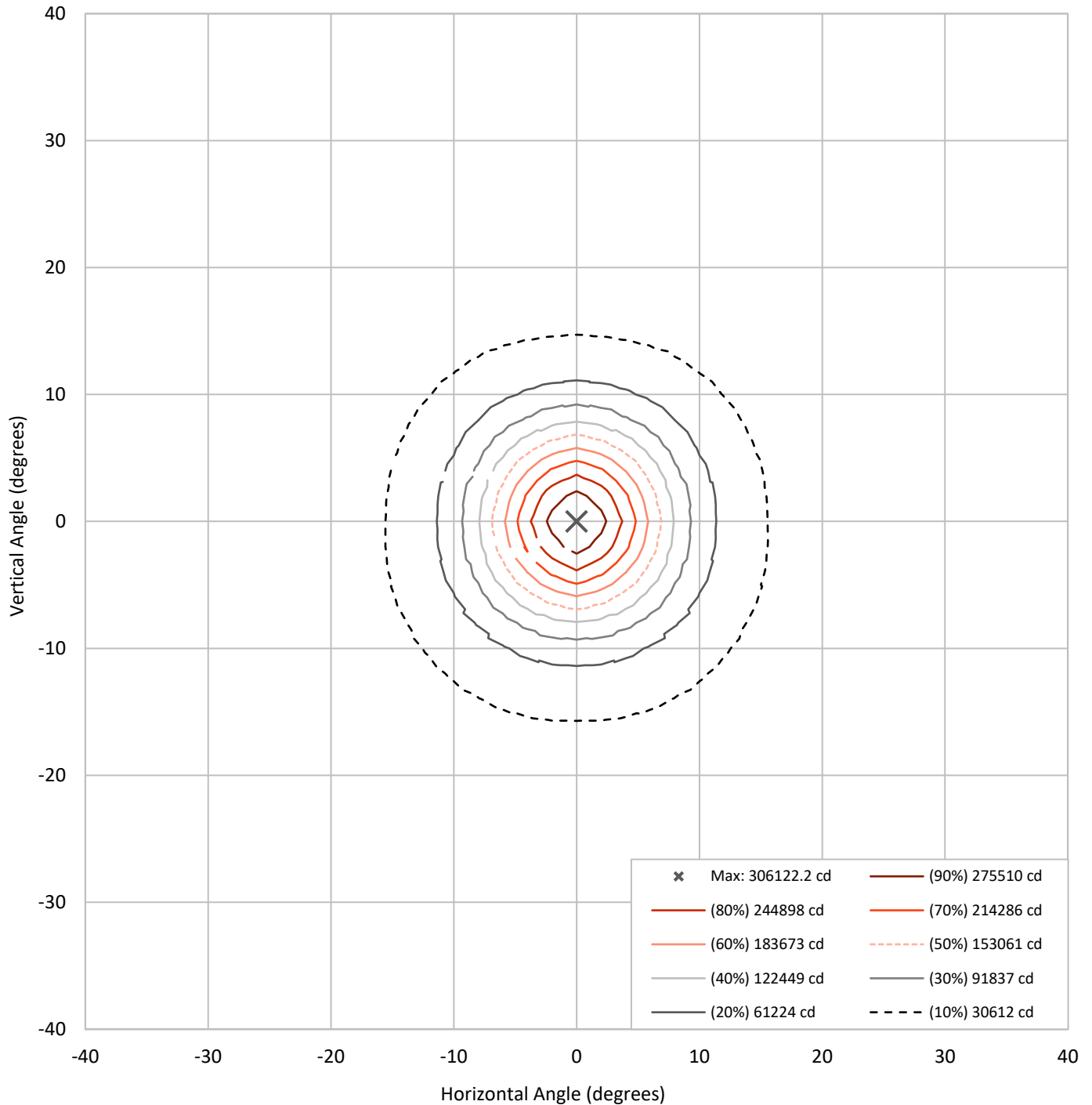
**Summary**

Lumens per Lamp:	N/A	NEMA Type:	3H x 3V
Luminaire Lumens:	30199.6 lumens	Max Intensity:	306122.2 candela
Efficiency:	N/A	Max Intensity Angle:	0°H x 0°V
Efficacy:	136.4 lumens/watt		
Luminous Opening:	Rectangular (W 1' x L: 1' x H: 0')		
Beam Angle (50%):	13.6°H x 13.6°V	Field Angle (10%):	30.9°H x 30.2°V
Beam Lumens:	9641.1 lumens	Field Lumens:	21473.8 lumens
Beam Efficiency:	31.9%	Field Efficiency:	71.1%
Input Watts (W):	221.4		
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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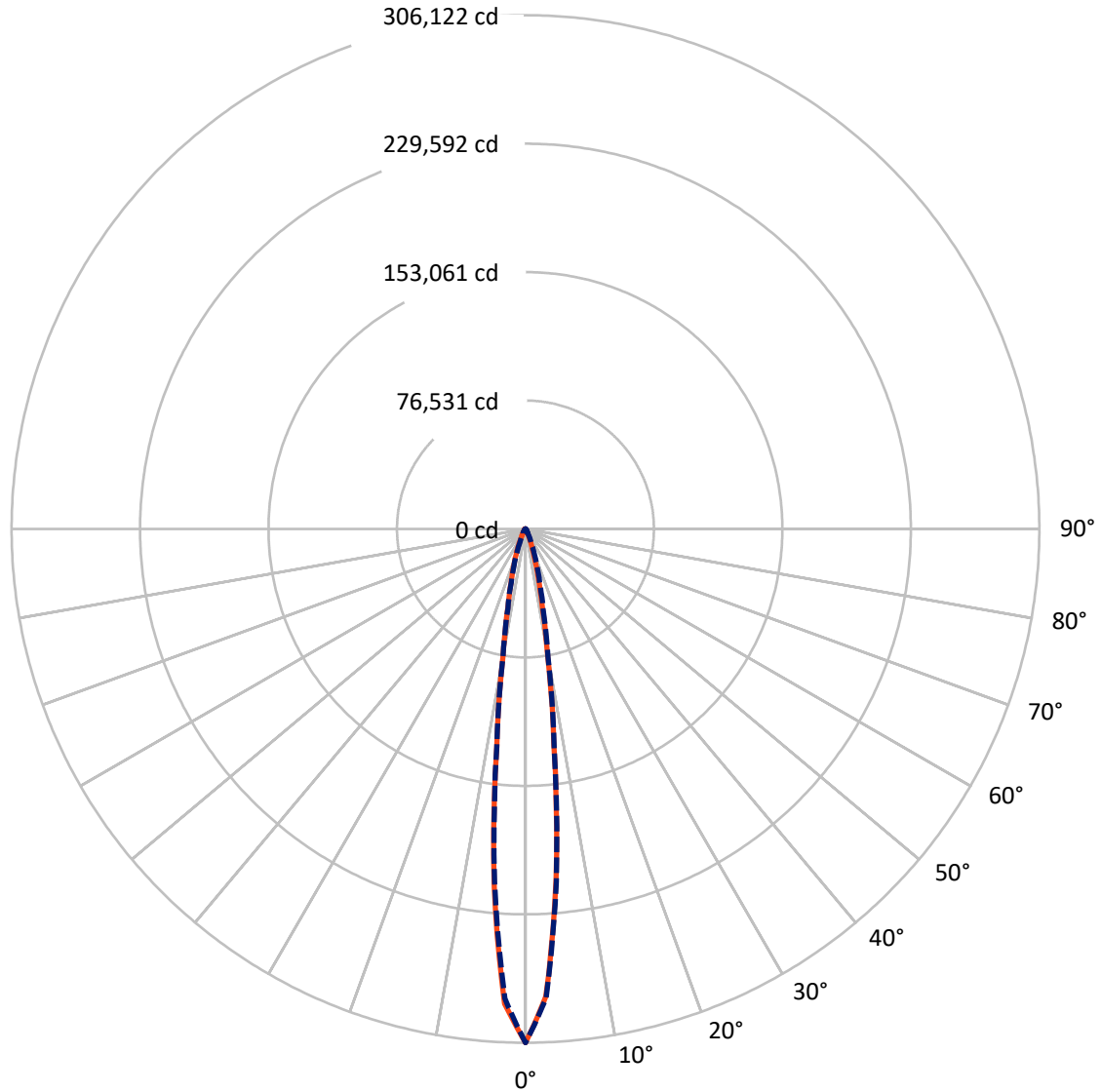
CATALOG NUMBER: GFLD-SA4D-750-U-NR-VSR-XX

### Lumen Table

90																			
80	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0				
70																			
60	0.1	0.0	0.0	0.0	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.0	0.0	0.0				
50		0.1	0.2	0.7	1.7	2.7	3.6	4.3	4.3	3.6	2.7	1.7	0.7	0.2	0.1				
40	0.1	0.2	0.9	2.6	4.9	7.2	10.2	12.0	12.0	10.2	7.2	4.9	2.6	0.9	0.2				
30		0.4	2.1	5.1	9.1	14.4	24.6	31.3	31.3	24.6	14.4	9.1	5.1	2.1	0.4				
20	0.3	0.9	3.4	7.8	14.1	30.7	82.0	135.9	135.9	82.0	30.7	14.1	7.8	3.4	0.9				
10		1.3	4.6	10.8	23.4	91.8	387.1	850.9	850.9	387.1	91.8	23.4	10.8	4.6	1.3				
0	0.5	1.6	5.6	12.6	31.7	172.4	927.6	4160.2	4160.2	927.6	172.4	31.7	12.6	5.6	1.6				
-10		1.9	6.1	13.3	34.1	183.7	960.2	4230.8	4230.8	960.2	183.7	34.1	13.3	6.1	1.9				
-20	0.6	2.0	6.2	13.1	29.9	116.9	466.1	996.9	996.9	466.1	116.9	29.9	13.1	6.2	2.0				
-30		1.9	6.0	12.0	23.1	54.6	143.6	239.4	239.4	143.6	54.6	23.1	12.0	6.0	1.9				
-40	0.5	1.6	5.3	10.6	18.1	30.0	48.8	62.0	62.0	48.8	30.0	18.1	10.6	5.3	1.6				
-50		1.3	4.4	8.8	14.6	21.0	28.2	31.4	31.4	28.2	21.0	14.6	8.8	4.4	1.3				
-60	0.4	1.0	3.3	6.9	11.5	16.1	20.3	22.2	22.2	20.3	16.1	11.5	6.9	3.3	1.0				
-70		0.7	2.0	4.5	7.7	11.2	14.2	15.6	15.6	14.2	11.2	7.7	4.5	2.0	0.7				
-80	0.1	1.8	7.6	16.7	21.1	16.7	7.6	1.8	0.1										
-90																			
	-90	-80	-70	-60	-50	-40	-30	-20	-10	0	10	20	30	40	50	60	70	80	90

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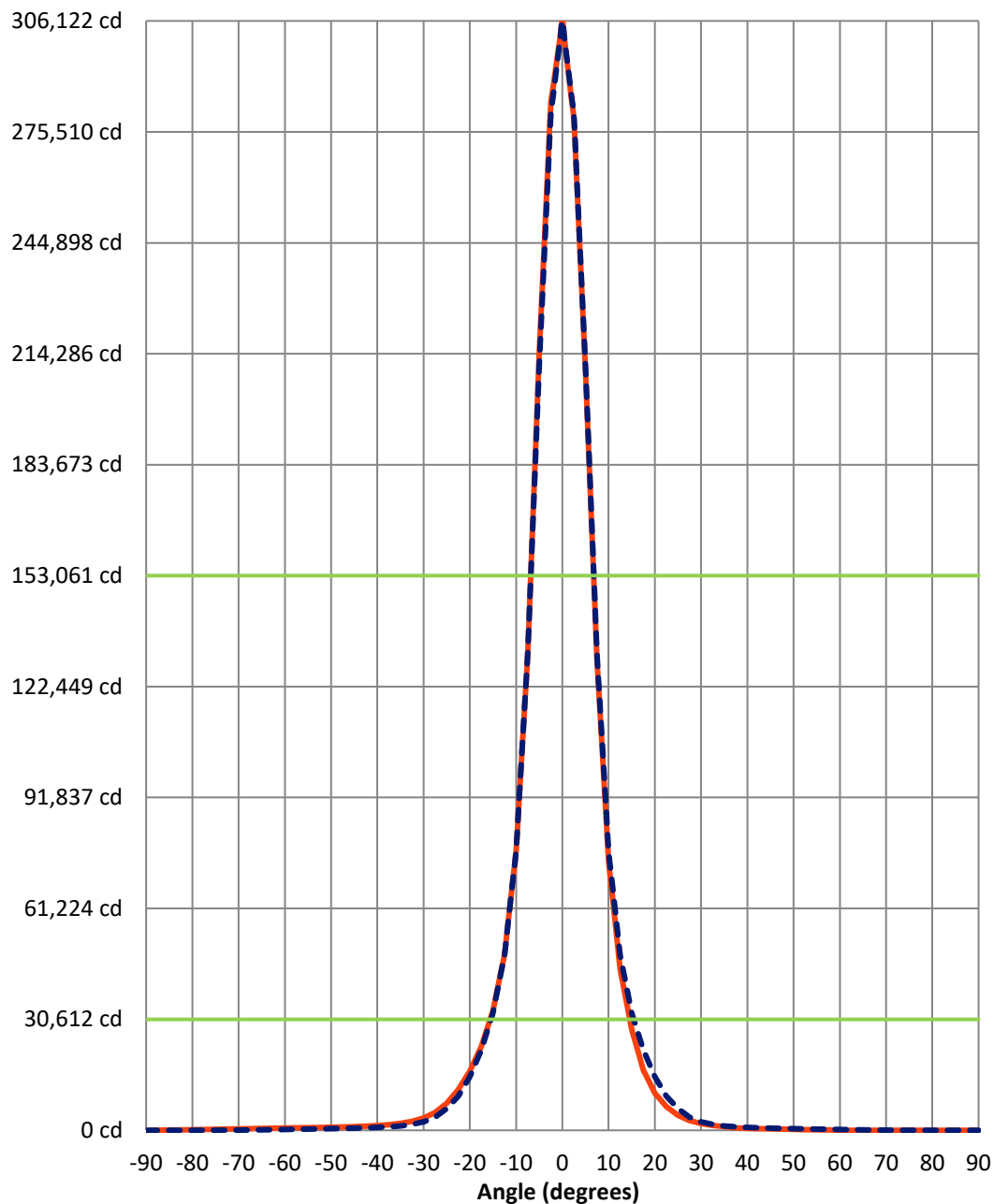
### Luminous Intensity Polar Plot



— Vertical Distribution Through 0-Deg      - - - Horizontal Distribution Through 0-Deg

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### Luminous Intensity Plot



**Beam:**  
 H Angle: 13.6°  
 V Angle: 13.6°  
 Lumens: 9641.1  
 Efficiency: 31.9%

**Field:**  
 H Angle: 30.9°  
 V Angle: 30.2°  
 Lumens: 21473.8  
 Efficiency: 71.1%

**Spill:**  
 Lumens: 8725.8  
 Efficiency: 28.9%

— 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	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
85°	0.0	0.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
82.5°	0.0	0.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
80°	0.0	0.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
77.5°	0.0	0.7	0.1	0.0	0.0	0.1	0.1	0.0	0.0	0.0	0.0
75°	0.0	0.9	0.1	0.0	0.1	0.5	0.2	0.0	0.1	0.6	0.3
72.5°	0.0	1.0	0.2	0.0	0.7	1.0	0.3	0.4	1.4	1.4	0.6
70°	0.0	1.2	0.3	0.1	1.3	1.5	0.8	2.0	2.7	2.4	0.9
67.5°	0.0	1.3	0.4	0.8	2.0	2.0	2.3	3.7	4.2	2.6	1.1
65°	0.0	1.5	0.5	1.4	2.6	2.8	3.8	5.4	4.4	2.9	2.0
62.5°	0.0	1.7	0.7	2.1	3.3	3.7	5.1	6.1	4.6	3.4	4.1
60°	0.0	1.8	0.9	2.7	4.1	4.5	6.4	6.3	4.9	4.7	6.0
57.5°	0.0	2.0	1.4	3.4	4.6	5.3	6.5	6.5	5.5	5.8	6.5
55°	0.0	2.2	2.0	4.1	5.0	6.0	6.5	6.5	6.0	6.5	6.5
52.5°	0.0	2.4	2.5	4.8	5.4	6.5	6.5	6.5	6.4	6.5	6.5
50°	0.0	2.6	2.9	5.6	5.7	6.5	6.5	6.5	6.5	6.5	7.6
47.5°	0.0	2.8	3.4	6.2	6.0	6.5	6.5	6.5	6.5	6.5	9.0
45°	0.0	3.0	3.8	6.3	6.3	6.5	6.5	6.5	6.7	8.1	10.7
42.5°	0.0	3.2	4.2	6.5	6.4	6.5	6.5	6.7	7.1	9.9	14.3
40°	0.0	3.4	4.5	6.5	6.5	6.5	6.5	7.3	8.3	11.9	18.5
37.5°	0.0	3.6	4.9	6.5	6.5	6.5	6.5	7.9	10.5	15.0	22.8
35°	0.0	3.8	5.1	6.5	6.5	6.5	6.5	8.7	12.9	19.1	27.9
32.5°	0.0	4.0	5.4	6.5	6.5	6.5	6.7	9.6	15.4	23.0	34.6
30°	0.0	4.2	5.6	6.5	6.5	6.5	7.4	10.8	18.0	26.9	41.9
27.5°	0.0	4.4	5.8	6.5	6.5	6.5	8.1	12.9	20.9	30.5	49.8
25°	0.0	4.6	6.0	6.5	6.5	6.5	8.9	15.0	24.0	35.9	58.2
22.5°	0.0	4.9	6.1	6.5	6.5	6.6	9.7	17.1	26.9	42.5	68.1
20°	0.0	5.1	6.2	6.5	6.5	7.1	10.5	19.1	29.7	49.1	77.2
17.5°	0.0	5.3	6.3	6.5	6.5	7.7	11.7	21.1	32.3	55.8	85.6
15°	0.0	5.5	6.4	6.5	6.5	8.3	13.0	23.2	34.7	62.3	93.1
12.5°	0.0	5.7	6.4	6.5	6.5	9.1	14.2	25.1	38.0	68.7	99.9
10°	0.0	5.8	6.5	6.5	6.5	9.9	15.4	26.9	42.2	74.6	105.9
7.5°	0.0	6.0	6.5	6.5	6.5	10.7	16.5	28.5	46.4	79.8	111.2
5°	0.0	6.2	6.5	6.5	6.5	11.5	17.5	30.0	50.6	84.1	115.8
2.5°	0.0	6.4	6.5	6.5	6.5	12.3	18.5	31.3	54.6	87.7	119.8
0°	0.0	6.5	6.5	6.5	6.5	13.0	19.4	32.4	58.3	90.7	123.1
-2.5°	0.0	6.5	6.5	6.5	7.1	13.7	21.1	34.4	61.6	93.1	127.3
-5°	0.0	6.5	6.5	6.5	7.6	14.3	22.7	36.1	64.5	95.0	130.7
-7.5°	0.0	6.4	6.5	6.5	8.2	14.8	24.1	37.7	66.8	96.4	133.3
-10°	0.0	6.4	6.5	6.5	8.6	15.3	25.4	39.1	68.5	97.5	134.9
-12.5°	0.0	6.3	6.5	6.5	9.1	15.7	26.5	40.3	69.6	98.5	137.5
-15°	0.0	6.3	6.5	6.5	9.4	16.1	27.3	41.3	69.8	100.4	139.8
-17.5°	0.0	6.2	6.5	6.5	9.7	16.4	27.8	42.3	69.4	101.5	140.9
-20°	0.0	6.1	6.5	6.5	9.9	16.6	28.2	43.2	68.4	101.4	140.6

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CATALOG NUMBER: GFLD-SA4D-750-U-NR-VSR-XX

**CANDELA DISTRIBUTION (continued):**

	-90°	-87.5°	-85°	-82.5°	-80°	-77.5°	-75°	-72.5°	-70°	-67.5°	-65°
-22.5°	0.0	6.0	6.5	6.5	10.0	16.7	28.6	43.7	66.8	100.3	139.0
-25°	0.0	5.9	6.5	6.5	9.9	17.2	28.7	43.9	64.8	97.9	135.9
-27.5°	0.0	5.8	6.5	6.5	9.8	17.6	28.7	43.7	62.2	94.6	133.0
-30°	0.0	5.6	6.5	6.5	9.5	17.9	28.6	43.2	60.8	91.1	128.6
-32.5°	0.0	5.5	6.5	6.5	9.5	18.0	28.3	42.8	60.1	87.1	122.5
-35°	0.0	5.3	6.5	6.5	9.4	18.0	28.2	42.2	58.8	82.5	114.7
-37.5°	0.0	5.2	6.5	6.5	9.2	17.8	28.1	41.4	57.1	77.3	110.3
-40°	0.0	5.0	6.5	6.5	8.8	17.5	27.7	40.4	54.9	74.0	106.2
-42.5°	0.0	4.8	6.5	6.6	8.7	17.0	27.2	39.3	53.2	72.5	101.2
-45°	0.0	4.6	6.5	6.7	9.0	16.3	26.3	38.1	51.6	70.3	95.7
-47.5°	0.0	4.4	6.5	6.9	9.1	15.4	25.3	36.8	49.9	67.2	92.0
-50°	0.0	4.2	6.5	7.0	9.2	14.4	24.0	35.2	48.0	64.7	87.2
-52.5°	0.0	4.0	6.5	7.0	9.2	13.2	22.5	33.3	45.6	61.1	81.5
-55°	0.0	3.7	6.5	7.0	9.2	12.8	20.7	31.0	42.9	56.5	75.6
-57.5°	0.0	3.5	6.5	7.0	9.1	12.5	18.8	28.6	39.8	52.4	68.5
-60°	0.0	3.2	6.5	7.0	8.9	12.1	16.8	25.8	36.3	48.2	61.4
-62.5°	0.0	3.0	6.0	6.9	8.6	11.6	15.9	22.8	32.6	43.6	55.8
-65°	0.0	2.7	5.5	6.8	8.3	11.0	15.0	20.1	28.5	38.6	49.8
-67.5°	0.0	2.5	5.0	6.7	7.9	10.3	13.8	18.4	24.2	33.3	43.4
-70°	0.0	2.2	4.4	6.5	7.5	9.6	12.6	16.6	21.6	27.7	36.7
-72.5°	0.0	2.0	3.9	5.8	7.1	8.7	11.3	14.7	19.0	24.1	30.1
-75°	0.0	1.7	3.4	5.0	6.6	7.8	9.8	12.9	16.1	20.3	25.3
-77.5°	0.0	1.4	2.8	4.2	5.6	6.8	8.3	11.1	14.0	16.9	20.3
-80°	0.0	1.1	2.3	3.4	4.5	5.6	6.7	9.2	11.9	14.5	17.2
-82.5°	0.0	0.8	1.7	2.5	3.4	4.2	5.0	7.2	9.8	12.2	14.6
-85°	0.0	0.6	1.1	1.7	2.3	2.8	3.4	4.9	6.6	8.7	10.9
-87.5°	0.0	0.3	0.6	0.8	1.1	1.4	1.7	2.4	3.3	4.3	5.5
-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°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
85°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
82.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
80°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
77.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
75°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
72.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
70°	0.0	0.0	0.6	0.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0
67.5°	0.4	1.9	2.2	1.4	0.0	0.0	0.0	0.4	0.0	0.0	0.0
65°	3.2	4.2	3.2	1.7	0.1	1.5	2.2	1.7	0.2	0.0	0.0
62.5°	6.0	5.1	3.6	2.7	3.7	4.9	3.8	2.2	0.6	3.1	4.5
60°	6.5	5.5	4.6	5.1	6.6	5.8	4.3	6.3	9.5	12.0	14.5
57.5°	6.5	6.0	5.9	7.0	7.4	7.4	11.4	15.2	21.5	26.7	30.3
55°	6.7	6.4	7.4	8.8	10.9	15.5	21.2	29.9	36.8	47.5	56.6
52.5°	7.4	7.4	9.9	13.3	19.6	26.7	36.8	49.1	62.9	73.3	84.3
50°	8.4	10.8	13.9	22.2	30.9	42.1	58.7	76.5	88.2	99.9	115.7
47.5°	11.6	14.7	22.8	32.5	45.1	63.0	85.7	98.6	110.1	128.5	148.1
45°	15.6	22.1	32.0	45.5	62.8	87.9	105.8	116.3	136.3	157.6	180.0
42.5°	19.9	30.4	44.0	58.2	85.5	109.3	125.5	142.2	162.4	187.3	211.6
40°	27.0	38.7	57.2	79.4	107.2	130.4	150.7	169.9	189.7	222.3	248.1
37.5°	34.2	51.3	72.1	99.8	128.6	154.0	176.7	200.8	229.1	265.8	289.1
35°	41.1	64.2	89.8	119.3	149.8	178.6	205.8	234.0	270.7	305.5	333.3
32.5°	51.0	77.6	106.4	138.1	169.7	202.2	235.3	268.9	305.1	340.7	377.1
30°	63.2	91.8	122.1	156.2	187.9	225.5	263.9	299.6	335.9	373.4	414.5
27.5°	75.6	105.1	137.9	172.3	205.5	248.5	289.9	327.0	364.3	404.6	451.6
25°	87.1	118.5	152.8	186.6	225.7	271.8	317.1	360.1	391.7	437.5	492.4
22.5°	98.1	131.6	168.4	199.5	245.2	295.3	348.0	394.2	431.6	472.6	534.9
20°	109.0	145.0	183.0	217.9	264.7	318.5	381.1	428.8	475.2	528.0	591.6
17.5°	119.4	157.6	197.5	238.9	288.3	344.0	415.0	463.6	519.1	582.4	662.4
15°	129.2	169.2	212.0	258.5	309.6	369.6	438.1	498.7	565.0	638.1	732.7
12.5°	138.4	179.8	226.2	276.7	328.3	391.6	457.4	521.9	598.2	693.7	812.8
10°	146.8	189.4	240.1	293.3	344.6	410.1	474.4	541.5	622.1	727.0	863.3
7.5°	153.8	199.1	253.2	308.4	358.6	425.4	489.1	557.7	642.1	754.5	897.2
5°	159.7	209.3	265.4	318.1	370.3	438.6	501.4	570.6	657.9	775.9	921.5
2.5°	164.6	218.6	276.0	325.2	380.4	450.6	511.2	584.8	674.1	792.6	944.2
0°	168.5	226.8	285.1	330.5	388.8	460.1	518.4	596.1	686.8	803.5	965.5
-2.5°	176.4	233.6	290.5	336.6	397.7	461.6	523.1	597.7	691.6	811.9	969.4
-5°	183.0	239.0	294.4	341.3	404.4	461.4	525.1	596.4	693.3	816.7	976.4
-7.5°	188.0	243.2	297.0	344.9	408.0	463.5	528.0	601.0	698.4	821.1	985.6
-10°	191.3	246.2	299.2	349.5	408.9	465.8	529.1	602.0	697.5	818.3	980.6
-12.5°	193.1	247.9	300.2	352.1	408.7	465.6	527.6	599.2	690.4	808.0	960.6
-15°	193.6	248.6	300.1	352.3	407.7	462.8	523.4	592.4	677.5	790.7	929.1
-17.5°	193.0	248.2	298.9	350.2	406.2	457.5	517.0	583.3	664.5	770.3	903.6
-20°	191.3	246.9	296.6	345.5	404.0	452.6	510.5	574.5	650.9	746.8	866.1

Classified

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

Scaled Data Report



REPORT NUMBER: P627478 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA4D-750-U-NR-VSR-XX

**CANDELA DISTRIBUTION (continued):**

	-62.5°	-60°	-57.5°	-55°	-52.5°	-50°	-47.5°	-45°	-42.5°	-40°	-37.5°
-22.5°	188.6	244.6	293.4	340.8	396.8	447.9	502.1	563.1	631.6	718.3	824.2
-25°	185.5	240.0	289.3	337.2	388.7	440.9	491.5	549.5	612.4	695.7	791.1
-27.5°	181.3	234.4	283.7	332.1	380.0	431.4	480.9	535.6	598.0	671.5	756.7
-30°	175.3	226.5	275.8	325.2	372.4	420.8	468.5	520.7	579.4	648.7	727.4
-32.5°	167.8	217.7	265.9	314.8	363.9	410.0	455.0	505.2	560.2	621.0	695.9
-35°	160.1	208.2	255.2	301.8	353.6	398.1	441.3	487.4	538.6	595.1	656.1
-37.5°	152.9	198.0	243.9	287.8	336.9	383.2	425.3	469.1	516.4	568.2	623.6
-40°	145.2	187.2	231.9	274.7	317.7	365.0	407.1	449.3	493.1	545.0	594.3
-42.5°	137.2	177.9	219.4	261.4	302.4	344.6	386.6	427.1	473.3	522.6	570.9
-45°	130.4	168.3	206.7	247.5	288.1	326.2	365.6	403.4	450.4	499.6	546.8
-47.5°	122.6	158.5	195.7	232.7	272.4	310.6	346.0	384.3	424.2	470.6	520.1
-50°	114.5	148.4	182.8	217.6	255.3	293.5	329.4	364.8	402.4	440.5	483.3
-52.5°	107.5	137.2	169.0	201.0	236.6	274.0	310.3	345.6	380.3	416.2	452.7
-55°	99.3	126.6	154.7	184.5	215.8	251.5	287.5	322.0	357.4	390.9	426.7
-57.5°	90.2	114.7	140.3	168.3	196.7	226.0	260.9	295.3	328.5	362.4	399.3
-60°	79.9	101.8	125.0	150.8	178.5	205.4	233.6	265.4	297.6	329.7	363.8
-62.5°	69.3	88.2	109.2	131.8	157.1	183.5	209.3	236.5	265.3	293.3	322.8
-65°	62.2	75.5	93.2	113.2	134.1	157.7	182.1	207.1	232.5	256.2	279.0
-67.5°	54.6	66.7	79.7	94.5	113.4	133.3	152.9	175.2	198.0	219.8	241.0
-70°	46.5	57.3	68.8	81.1	94.6	110.9	129.1	147.1	164.6	182.9	202.6
-72.5°	38.1	47.4	57.5	68.2	79.6	92.5	106.6	121.9	137.5	152.6	168.0
-75°	31.3	37.5	45.7	54.7	64.6	74.7	84.9	97.0	110.2	123.4	136.4
-77.5°	25.7	31.4	37.1	42.6	49.7	58.9	68.0	77.0	86.2	96.2	106.8
-80°	20.9	25.3	30.5	35.6	40.4	46.0	52.4	59.4	65.9	72.6	79.9
-82.5°	17.5	20.8	24.5	28.5	31.3	34.3	37.6	41.8	46.1	50.6	55.2
-85°	13.4	16.1	18.6	21.2	22.6	24.0	25.6	27.4	30.2	32.9	35.6
-87.5°	6.7	8.1	9.6	11.1	11.8	12.5	13.1	13.7	15.5	17.3	19.2
-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: P627478 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: GFLD-SA4D-750-U-NR-VSR-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°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
85°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
82.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
80°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
77.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
75°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
72.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
70°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
67.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
65°	0.4	0.0	0.0	0.0	0.1	1.2	1.6	1.4	0.6	0.0	0.0
62.5°	3.8	3.1	5.0	6.7	7.4	7.2	6.6	5.9	5.0	4.7	5.3
60°	15.6	15.3	21.3	24.2	22.0	15.5	24.4	28.8	27.7	23.7	23.6
57.5°	38.0	46.2	52.1	54.7	63.3	77.2	79.8	75.2	73.6	75.1	86.8
55°	65.9	72.5	76.0	87.7	98.1	105.7	110.2	114.7	121.3	129.4	137.8
52.5°	93.2	102.3	109.2	119.7	132.2	136.6	135.4	151.4	163.9	171.9	175.2
50°	128.0	139.3	155.4	171.9	179.1	186.1	193.5	206.6	225.8	249.6	263.3
47.5°	165.5	183.3	200.2	219.1	228.6	236.0	247.0	269.9	297.2	322.9	336.3
45°	199.3	215.1	234.5	250.8	262.6	276.8	292.7	313.4	344.0	370.9	389.4
42.5°	226.4	244.3	264.2	283.9	295.8	315.1	339.3	367.5	399.5	427.4	448.1
40°	264.4	279.5	311.2	329.9	334.6	352.7	401.2	439.7	475.9	510.2	527.3
37.5°	310.3	339.9	372.8	389.8	406.4	438.3	503.2	565.4	611.5	658.0	683.5
35°	362.5	401.3	446.2	466.2	502.1	571.5	647.6	734.2	841.9	887.0	928.1
32.5°	413.2	456.6	498.0	543.0	605.7	688.6	774.4	914.7	1045.8	1147.3	1221.5
30°	458.2	504.2	555.6	613.5	701.8	816.0	959.4	1141.0	1325.7	1487.0	1623.4
27.5°	502.6	555.0	616.1	702.5	826.6	981.8	1210.7	1469.8	1778.2	2005.3	2276.6
25°	551.4	611.3	689.7	814.9	982.4	1214.4	1580.4	2001.0	2506.7	2916.7	3345.7
22.5°	609.0	697.5	796.8	936.5	1229.1	1611.4	2111.4	2830.3	3608.1	4327.3	5019.9
20°	678.7	799.7	959.2	1216.2	1591.9	2157.1	3025.7	4173.1	5317.0	6535.3	7708.0
17.5°	778.1	952.5	1200.3	1566.1	2061.2	3179.2	4588.6	6363.3	8643.3	10709.5	12513.6
15°	871.4	1079.8	1471.0	2017.8	2881.4	4363.2	6503.8	9433.0	12986.4	16224.9	19645.3
12.5°	969.4	1215.3	1664.6	2360.9	3560.9	5489.9	8498.2	12511.8	16961.3	21841.9	27401.3
10°	1046.9	1345.6	1883.5	2766.3	4245.5	6647.7	10231.0	15098.6	21011.3	28234.4	37121.5
7.5°	1099.3	1450.0	2064.3	3063.1	4875.9	7831.7	12145.4	17996.1	25387.9	34957.1	47392.4
5°	1140.1	1529.6	2200.2	3333.8	5409.0	8735.6	13563.7	20533.3	29277.6	42098.5	63172.8
2.5°	1173.0	1590.6	2284.3	3520.1	5743.7	9365.0	14515.3	21968.8	31592.9	47378.4	74719.5
0°	1198.7	1645.8	2339.1	3635.1	6000.1	9427.8	14812.4	22231.5	32423.9	48331.3	77204.4
-2.5°	1209.6	1675.3	2358.0	3660.3	5974.5	9535.9	14903.0	22441.3	32392.7	47809.2	74429.1
-5°	1227.8	1674.8	2343.8	3634.5	5840.5	9256.5	14311.2	21267.1	30438.5	43697.3	65506.5
-7.5°	1240.9	1648.1	2275.9	3469.8	5489.9	8652.6	13271.2	19321.7	26881.7	36948.9	50456.0
-10°	1229.0	1596.9	2162.8	3193.6	4944.7	7683.8	11689.8	16753.4	23036.5	30497.1	39674.3
-12.5°	1182.7	1502.2	1978.2	2806.6	4238.7	6598.5	10098.7	14410.1	19060.5	24300.0	30641.5
-15°	1124.3	1400.2	1811.8	2541.2	3715.3	5522.9	8078.3	11575.8	15306.3	19284.5	23526.7
-17.5°	1078.7	1310.6	1651.5	2179.5	3043.1	4480.3	6488.4	8973.1	11714.5	14743.3	17257.1
-20°	1017.1	1200.4	1486.5	1917.6	2576.6	3528.8	4991.3	6796.4	8605.4	10735.0	12471.6



REPORT NUMBER: P627478 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: GFLD-SA4D-750-U-NR-VSR-XX

**CANDELA DISTRIBUTION (continued):**

	-35°	-32.5°	-30°	-27.5°	-25°	-22.5°	-20°	-17.5°	-15°	-12.5°	-10°
-22.5°	955.3	1115.0	1332.7	1648.3	2138.5	2857.9	3761.5	4966.8	6289.7	7512.0	8715.2
-25°	898.1	1021.0	1197.1	1456.0	1788.6	2279.5	2922.6	3614.1	4486.1	5230.1	6055.9
-27.5°	851.7	957.3	1087.2	1277.0	1535.1	1850.8	2311.4	2774.7	3233.3	3608.8	4177.3
-30°	806.9	891.9	1000.6	1135.9	1329.4	1572.7	1871.6	2172.2	2436.8	2678.2	2974.3
-32.5°	762.9	832.1	915.4	1027.7	1166.6	1349.5	1533.2	1748.6	1932.6	2102.3	2259.4
-35°	718.8	780.4	843.9	938.6	1049.3	1179.2	1312.8	1458.7	1586.0	1700.4	1801.5
-37.5°	679.0	733.0	792.8	863.3	952.5	1050.4	1159.4	1265.4	1349.5	1423.8	1485.1
-40°	645.4	694.5	745.7	802.1	870.0	947.3	1039.9	1128.2	1187.1	1232.5	1269.7
-42.5°	615.4	658.7	702.2	750.2	802.3	869.1	942.2	1015.2	1055.1	1090.2	1117.1
-45°	591.3	624.5	661.2	702.1	748.3	804.2	861.7	912.1	947.6	977.8	1000.3
-47.5°	559.5	591.5	623.2	657.0	700.0	746.7	794.2	832.9	864.0	890.3	907.4
-50°	524.4	558.1	587.2	616.9	656.5	696.0	734.3	766.3	795.9	821.6	835.1
-52.5°	488.1	524.3	554.8	583.7	617.0	651.4	685.9	713.4	739.3	763.6	773.8
-55°	462.0	495.3	526.8	554.0	581.4	609.0	637.2	665.6	691.3	714.3	721.2
-57.5°	433.8	467.6	498.8	523.3	548.0	572.9	598.7	624.4	649.1	671.2	676.8
-60°	399.3	436.1	463.7	486.8	510.9	535.5	557.9	580.8	603.8	623.2	629.4
-62.5°	355.5	389.0	416.3	440.7	463.9	485.3	507.1	528.5	549.2	564.5	569.5
-65°	303.0	331.5	359.7	385.1	408.0	428.7	448.8	468.4	487.2	500.6	507.3
-67.5°	261.6	282.1	304.7	326.7	349.7	370.9	389.1	406.3	422.4	433.7	440.9
-70°	221.7	241.2	262.4	283.3	303.3	320.6	335.1	349.3	363.0	373.0	380.6
-72.5°	183.5	200.1	217.7	236.2	254.4	270.0	283.4	296.0	307.9	316.5	323.4
-75°	149.0	162.7	177.6	192.5	207.3	219.7	230.8	241.7	252.3	259.9	266.3
-77.5°	118.2	129.8	141.5	153.2	164.8	173.8	182.0	190.0	197.7	203.8	209.3
-80°	87.6	96.7	106.0	115.3	124.6	131.5	137.6	143.5	149.0	152.5	155.7
-82.5°	59.9	66.2	72.7	79.3	85.9	90.9	95.8	100.7	105.4	107.1	108.3
-85°	38.3	41.4	44.8	48.4	52.1	54.9	57.6	60.1	62.6	64.8	66.9
-87.5°	21.2	21.8	22.4	23.0	23.5	25.4	27.4	29.3	31.3	31.6	31.9
-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: P627478 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: GFLD-SA4D-750-U-NR-VSR-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°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
85°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
82.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
80°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
77.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
75°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
72.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
70°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
67.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
65°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.6	1.4
62.5°	5.8	6.2	6.4	6.5	6.4	6.2	5.8	5.3	4.7	5.0	5.9
60°	22.1	19.7	19.2	19.4	19.2	19.7	22.1	23.6	23.7	27.7	28.8
57.5°	98.5	109.6	112.7	110.2	112.7	109.6	98.5	86.8	75.1	73.6	75.2
55°	143.5	146.9	148.5	149.0	148.5	146.9	143.5	137.8	129.4	121.3	114.7
52.5°	175.9	174.7	174.5	174.9	174.5	174.7	175.9	175.2	171.9	163.9	151.4
50°	264.4	259.5	257.7	259.2	257.7	259.5	264.4	263.3	249.6	225.8	206.6
47.5°	338.0	339.4	341.7	343.4	341.7	339.4	338.0	336.3	322.9	297.2	269.9
45°	394.6	398.1	400.4	401.7	400.4	398.1	394.6	389.4	370.9	344.0	313.4
42.5°	452.6	453.0	452.4	453.6	452.4	453.0	452.6	448.1	427.4	399.5	367.5
40°	534.3	536.0	534.2	531.3	534.2	536.0	534.3	527.3	510.2	475.9	439.7
37.5°	698.3	700.6	692.9	686.8	692.9	700.6	698.3	683.5	658.0	611.5	565.4
35°	965.7	993.4	1006.6	1010.8	1006.6	993.4	965.7	928.1	887.0	841.9	734.2
32.5°	1272.8	1311.3	1330.6	1347.8	1330.6	1311.3	1272.8	1221.5	1147.3	1045.8	914.7
30°	1712.8	1783.9	1815.2	1859.6	1815.2	1783.9	1712.8	1623.4	1487.0	1325.7	1141.0
27.5°	2430.6	2555.6	2624.8	2689.0	2624.8	2555.6	2430.6	2276.6	2005.3	1778.2	1469.8
25°	3657.5	3898.2	4053.9	4127.5	4053.9	3898.2	3657.5	3345.7	2916.7	2506.7	2001.0
22.5°	5689.9	6133.6	6475.8	6544.4	6475.8	6133.6	5689.9	5019.9	4327.3	3608.1	2830.3
20°	8845.8	9480.7	9997.1	10257.2	9997.1	9480.7	8845.8	7708.0	6535.3	5317.0	4173.1
17.5°	14662.3	15982.8	16585.9	16685.0	16585.9	15982.8	14662.3	12513.6	10709.5	8643.3	6363.3
15°	23315.4	25549.9	26968.4	27881.7	26968.4	25549.9	23315.4	19645.3	16224.9	12986.4	9433.0
12.5°	33188.4	39537.6	43150.4	44527.8	43150.4	39537.6	33188.4	27401.3	21841.9	16961.3	12511.8
10°	46588.2	61535.2	70157.3	74496.0	70157.3	61535.2	46588.2	37121.5	28234.4	21011.3	15098.6
7.5°	69330.9	92416.8	117995.0	129828.5	117995.0	92416.8	69330.9	47392.4	34957.1	25387.9	17996.1
5°	93238.9	143926.1	188414.6	209718.7	188414.6	143926.1	93238.9	63172.8	42098.5	29277.6	20533.3
2.5°	120717.4	189073.9	252275.0	278849.6	252275.0	189073.9	120717.4	74719.5	47378.4	31592.9	21968.8
0°	131292.9	210917.4	280038.6	306122.2	280038.6	210917.4	131292.9	77204.4	48331.3	32423.9	22231.5
-2.5°	122352.3	192385.4	253360.8	283164.9	253360.8	192385.4	122352.3	74429.1	47809.2	32392.7	22441.3
-5°	97215.2	144719.4	189877.5	214163.7	189877.5	144719.4	97215.2	65506.5	43697.3	30438.5	21267.1
-7.5°	71350.0	97210.6	122289.8	131059.6	122289.8	97210.6	71350.0	50456.0	36948.9	26881.7	19321.7
-10°	49675.2	64484.0	74259.4	77048.9	74259.4	64484.0	49675.2	39674.3	30497.1	23036.5	16753.4
-12.5°	36829.2	43306.6	47813.4	48597.0	47813.4	43306.6	36829.2	30641.5	24300.0	19060.5	14410.1
-15°	27271.1	30565.0	32889.5	33046.0	32889.5	30565.0	27271.1	23526.7	19284.5	15306.3	11575.8
-17.5°	19935.3	22146.3	23319.4	23235.8	23319.4	22146.3	19935.3	17257.1	14743.3	11714.5	8973.1
-20°	14254.9	15587.6	16532.8	16348.0	16532.8	15587.6	14254.9	12471.6	10735.0	8605.4	6796.4



REPORT NUMBER: P627478 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA4D-750-U-NR-VSR-XX

**CANDELA DISTRIBUTION (continued):**

	-7.5°	-5°	-2.5°	0°	2.5°	5°	7.5°	10°	12.5°	15°	17.5°
-22.5°	9939.5	10824.3	11378.1	11235.6	11378.1	10824.3	9939.5	8715.2	7512.0	6289.7	4966.8
-25°	6753.8	7235.8	7510.1	7464.5	7510.1	7235.8	6753.8	6055.9	5230.1	4486.1	3614.1
-27.5°	4602.3	4856.9	4941.9	4937.5	4941.9	4856.9	4602.3	4177.3	3608.8	3233.3	2774.7
-30°	3194.4	3365.5	3463.4	3401.8	3463.4	3365.5	3194.4	2974.3	2678.2	2436.8	2172.2
-32.5°	2380.8	2477.3	2533.1	2475.2	2533.1	2477.3	2380.8	2259.4	2102.3	1932.6	1748.6
-35°	1876.3	1925.1	1944.8	1911.5	1944.8	1925.1	1876.3	1801.5	1700.4	1586.0	1458.7
-37.5°	1529.7	1558.3	1568.0	1548.6	1568.0	1558.3	1529.7	1485.1	1423.8	1349.5	1265.4
-40°	1296.2	1313.7	1318.1	1302.4	1318.1	1313.7	1296.2	1269.7	1232.5	1187.1	1128.2
-42.5°	1134.1	1144.6	1147.1	1140.4	1147.1	1144.6	1134.1	1117.1	1090.2	1055.1	1015.2
-45°	1013.6	1022.6	1024.3	1017.3	1024.3	1022.6	1013.6	1000.3	977.8	947.6	912.1
-47.5°	916.0	921.5	923.0	920.1	923.0	921.5	916.0	907.4	890.3	864.0	832.9
-50°	841.3	845.0	845.4	842.3	845.4	845.0	841.3	835.1	821.6	795.9	766.3
-52.5°	778.7	781.3	783.1	784.0	783.1	781.3	778.7	773.8	763.6	739.3	713.4
-55°	726.0	729.4	731.5	732.2	731.5	729.4	726.0	721.2	714.3	691.3	665.6
-57.5°	681.2	684.3	686.2	686.8	686.2	684.3	681.2	676.8	671.2	649.1	624.4
-60°	634.4	638.3	640.7	641.5	640.7	638.3	634.4	629.4	623.2	603.8	580.8
-62.5°	572.8	574.4	576.0	576.7	576.0	574.4	572.8	569.5	564.5	549.2	528.5
-65°	512.3	515.8	517.8	518.4	517.8	515.8	512.3	507.3	500.6	487.2	468.4
-67.5°	446.7	451.2	456.0	460.1	456.0	451.2	446.7	440.9	433.7	422.4	406.3
-70°	387.3	393.0	394.9	395.3	394.9	393.0	387.3	380.6	373.0	363.0	349.3
-72.5°	329.6	335.0	339.6	343.4	339.6	335.0	329.6	323.4	316.5	307.9	296.0
-75°	272.0	277.0	278.3	278.6	278.3	277.0	272.0	266.3	259.9	252.3	241.7
-77.5°	214.4	219.0	220.0	220.3	220.0	219.0	214.4	209.3	203.8	197.7	190.0
-80°	158.6	161.2	165.0	168.5	165.0	161.2	158.6	155.7	152.5	149.0	143.5
-82.5°	109.2	109.8	110.1	110.2	110.1	109.8	109.2	108.3	107.1	105.4	100.7
-85°	69.0	71.0	71.2	71.3	71.2	71.0	69.0	66.9	64.8	62.6	60.1
-87.5°	32.1	32.3	32.4	32.4	32.4	32.3	32.1	31.9	31.6	31.3	29.3
-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: P627478 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: GFLD-SA4D-750-U-NR-VSR-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°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
85°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
82.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
80°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
77.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
75°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
72.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
70°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
67.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.4
65°	1.6	1.2	0.1	0.0	0.0	0.0	0.4	0.0	0.0	0.2	1.7
62.5°	6.6	7.2	7.4	6.7	5.0	3.1	3.8	4.5	3.1	0.6	2.2
60°	24.4	15.5	22.0	24.2	21.3	15.3	15.6	14.5	12.0	9.5	6.3
57.5°	79.8	77.2	63.3	54.7	52.1	46.2	38.0	30.3	26.7	21.5	15.2
55°	110.2	105.7	98.1	87.7	76.0	72.5	65.9	56.6	47.5	36.8	29.9
52.5°	135.4	136.6	132.2	119.7	109.2	102.3	93.2	84.3	73.3	62.9	49.1
50°	193.5	186.1	179.1	171.9	155.4	139.3	128.0	115.7	99.9	88.2	76.5
47.5°	247.0	236.0	228.6	219.1	200.2	183.3	165.5	148.1	128.5	110.1	98.6
45°	292.7	276.8	262.6	250.8	234.5	215.1	199.3	180.0	157.6	136.3	116.3
42.5°	339.3	315.1	295.8	283.9	264.2	244.3	226.4	211.6	187.3	162.4	142.2
40°	401.2	352.7	334.6	329.9	311.2	279.5	264.4	248.1	222.3	189.7	169.9
37.5°	503.2	438.3	406.4	389.8	372.8	339.9	310.3	289.1	265.8	229.1	200.8
35°	647.6	571.5	502.1	466.2	446.2	401.3	362.5	333.3	305.5	270.7	234.0
32.5°	774.4	688.6	605.7	543.0	498.0	456.6	413.2	377.1	340.7	305.1	268.9
30°	959.4	816.0	701.8	613.5	555.6	504.2	458.2	414.5	373.4	335.9	299.6
27.5°	1210.7	981.8	826.6	702.5	616.1	555.0	502.6	451.6	404.6	364.3	327.0
25°	1580.4	1214.4	982.4	814.9	689.7	611.3	551.4	492.4	437.5	391.7	360.1
22.5°	2111.4	1611.4	1229.1	936.5	796.8	697.5	609.0	534.9	472.6	431.6	394.2
20°	3025.7	2157.1	1591.9	1216.2	959.2	799.7	678.7	591.6	528.0	475.2	428.8
17.5°	4588.6	3179.2	2061.2	1566.1	1200.3	952.5	778.1	662.4	582.4	519.1	463.6
15°	6503.8	4363.2	2881.4	2017.8	1471.0	1079.8	871.4	732.7	638.1	565.0	498.7
12.5°	8498.2	5489.9	3560.9	2360.9	1664.6	1215.3	969.4	812.8	693.7	598.2	521.9
10°	10231.0	6647.7	4245.5	2766.3	1883.5	1345.6	1046.9	863.3	727.0	622.1	541.5
7.5°	12145.4	7831.7	4875.9	3063.1	2064.3	1450.0	1099.3	897.2	754.5	642.1	557.7
5°	13563.7	8735.6	5409.0	3333.8	2200.2	1529.6	1140.1	921.5	775.9	657.9	570.6
2.5°	14515.3	9365.0	5743.7	3520.1	2284.3	1590.6	1173.0	944.2	792.6	674.1	584.8
0°	14812.4	9427.8	6000.1	3635.1	2339.1	1645.8	1198.7	965.5	803.5	686.8	596.1
-2.5°	14903.0	9535.9	5974.5	3660.3	2358.0	1675.3	1209.6	969.4	811.9	691.6	597.7
-5°	14311.2	9256.5	5840.5	3634.5	2343.8	1674.8	1227.8	976.4	816.7	693.3	596.4
-7.5°	13271.2	8652.6	5489.9	3469.8	2275.9	1648.1	1240.9	985.6	821.1	698.4	601.0
-10°	11689.8	7683.8	4944.7	3193.6	2162.8	1596.9	1229.0	980.6	818.3	697.5	602.0
-12.5°	10098.7	6598.5	4238.7	2806.6	1978.2	1502.2	1182.7	960.6	808.0	690.4	599.2
-15°	8078.3	5522.9	3715.3	2541.2	1811.8	1400.2	1124.3	929.1	790.7	677.5	592.4
-17.5°	6488.4	4480.3	3043.1	2179.5	1651.5	1310.6	1078.7	903.6	770.3	664.5	583.3
-20°	4991.3	3528.8	2576.6	1917.6	1486.5	1200.4	1017.1	866.1	746.8	650.9	574.5

Classified

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

Scaled Data Report



REPORT NUMBER: P627478 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA4D-750-U-NR-VSR-XX

**CANDELA DISTRIBUTION (continued):**

	20°	22.5°	25°	27.5°	30°	32.5°	35°	37.5°	40°	42.5°	45°
-22.5°	3761.5	2857.9	2138.5	1648.3	1332.7	1115.0	955.3	824.2	718.3	631.6	563.1
-25°	2922.6	2279.5	1788.6	1456.0	1197.1	1021.0	898.1	791.1	695.7	612.4	549.5
-27.5°	2311.4	1850.8	1535.1	1277.0	1087.2	957.3	851.7	756.7	671.5	598.0	535.6
-30°	1871.6	1572.7	1329.4	1135.9	1000.6	891.9	806.9	727.4	648.7	579.4	520.7
-32.5°	1533.2	1349.5	1166.6	1027.7	915.4	832.1	762.9	695.9	621.0	560.2	505.2
-35°	1312.8	1179.2	1049.3	938.6	843.9	780.4	718.8	656.1	595.1	538.6	487.4
-37.5°	1159.4	1050.4	952.5	863.3	792.8	733.0	679.0	623.6	568.2	516.4	469.1
-40°	1039.9	947.3	870.0	802.1	745.7	694.5	645.4	594.3	545.0	493.1	449.3
-42.5°	942.2	869.1	802.3	750.2	702.2	658.7	615.4	570.9	522.6	473.3	427.1
-45°	861.7	804.2	748.3	702.1	661.2	624.5	591.3	546.8	499.6	450.4	403.4
-47.5°	794.2	746.7	700.0	657.0	623.2	591.5	559.5	520.1	470.6	424.2	384.3
-50°	734.3	696.0	656.5	616.9	587.2	558.1	524.4	483.3	440.5	402.4	364.8
-52.5°	685.9	651.4	617.0	583.7	554.8	524.3	488.1	452.7	416.2	380.3	345.6
-55°	637.2	609.0	581.4	554.0	526.8	495.3	462.0	426.7	390.9	357.4	322.0
-57.5°	598.7	572.9	548.0	523.3	498.8	467.6	433.8	399.3	362.4	328.5	295.3
-60°	557.9	535.5	510.9	486.8	463.7	436.1	399.3	363.8	329.7	297.6	265.4
-62.5°	507.1	485.3	463.9	440.7	416.3	389.0	355.5	322.8	293.3	265.3	236.5
-65°	448.8	428.7	408.0	385.1	359.7	331.5	303.0	279.0	256.2	232.5	207.1
-67.5°	389.1	370.9	349.7	326.7	304.7	282.1	261.6	241.0	219.8	198.0	175.2
-70°	335.1	320.6	303.3	283.3	262.4	241.2	221.7	202.6	182.9	164.6	147.1
-72.5°	283.4	270.0	254.4	236.2	217.7	200.1	183.5	168.0	152.6	137.5	121.9
-75°	230.8	219.7	207.3	192.5	177.6	162.7	149.0	136.4	123.4	110.2	97.0
-77.5°	182.0	173.8	164.8	153.2	141.5	129.8	118.2	106.8	96.2	86.2	77.0
-80°	137.6	131.5	124.6	115.3	106.0	96.7	87.6	79.9	72.6	65.9	59.4
-82.5°	95.8	90.9	85.9	79.3	72.7	66.2	59.9	55.2	50.6	46.1	41.8
-85°	57.6	54.9	52.1	48.4	44.8	41.4	38.3	35.6	32.9	30.2	27.4
-87.5°	27.4	25.4	23.5	23.0	22.4	21.8	21.2	19.2	17.3	15.5	13.7
-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: P627478 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: GFLD-SA4D-750-U-NR-VSR-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°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
85°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
82.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
80°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
77.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
75°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.3	0.6	0.1	0.0
72.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.6	1.4	1.4	0.4
70°	0.0	0.0	0.0	0.6	0.6	0.0	0.0	0.9	2.4	2.7	2.0
67.5°	0.0	0.0	0.0	1.4	2.2	1.9	0.4	1.1	2.6	4.2	3.7
65°	2.2	1.5	0.1	1.7	3.2	4.2	3.2	2.0	2.9	4.4	5.4
62.5°	3.8	4.9	3.7	2.7	3.6	5.1	6.0	4.1	3.4	4.6	6.1
60°	4.3	5.8	6.6	5.1	4.6	5.5	6.5	6.0	4.7	4.9	6.3
57.5°	11.4	7.4	7.4	7.0	5.9	6.0	6.5	6.5	5.8	5.5	6.5
55°	21.2	15.5	10.9	8.8	7.4	6.4	6.7	6.5	6.5	6.0	6.5
52.5°	36.8	26.7	19.6	13.3	9.9	7.4	7.4	6.5	6.5	6.4	6.5
50°	58.7	42.1	30.9	22.2	13.9	10.8	8.4	7.6	6.5	6.5	6.5
47.5°	85.7	63.0	45.1	32.5	22.8	14.7	11.6	9.0	6.5	6.5	6.5
45°	105.8	87.9	62.8	45.5	32.0	22.1	15.6	10.7	8.1	6.7	6.5
42.5°	125.5	109.3	85.5	58.2	44.0	30.4	19.9	14.3	9.9	7.1	6.7
40°	150.7	130.4	107.2	79.4	57.2	38.7	27.0	18.5	11.9	8.3	7.3
37.5°	176.7	154.0	128.6	99.8	72.1	51.3	34.2	22.8	15.0	10.5	7.9
35°	205.8	178.6	149.8	119.3	89.8	64.2	41.1	27.9	19.1	12.9	8.7
32.5°	235.3	202.2	169.7	138.1	106.4	77.6	51.0	34.6	23.0	15.4	9.6
30°	263.9	225.5	187.9	156.2	122.1	91.8	63.2	41.9	26.9	18.0	10.8
27.5°	289.9	248.5	205.5	172.3	137.9	105.1	75.6	49.8	30.5	20.9	12.9
25°	317.1	271.8	225.7	186.6	152.8	118.5	87.1	58.2	35.9	24.0	15.0
22.5°	348.0	295.3	245.2	199.5	168.4	131.6	98.1	68.1	42.5	26.9	17.1
20°	381.1	318.5	264.7	217.9	183.0	145.0	109.0	77.2	49.1	29.7	19.1
17.5°	415.0	344.0	288.3	238.9	197.5	157.6	119.4	85.6	55.8	32.3	21.1
15°	438.1	369.6	309.6	258.5	212.0	169.2	129.2	93.1	62.3	34.7	23.2
12.5°	457.4	391.6	328.3	276.7	226.2	179.8	138.4	99.9	68.7	38.0	25.1
10°	474.4	410.1	344.6	293.3	240.1	189.4	146.8	105.9	74.6	42.2	26.9
7.5°	489.1	425.4	358.6	308.4	253.2	199.1	153.8	111.2	79.8	46.4	28.5
5°	501.4	438.6	370.3	318.1	265.4	209.3	159.7	115.8	84.1	50.6	30.0
2.5°	511.2	450.6	380.4	325.2	276.0	218.6	164.6	119.8	87.7	54.6	31.3
0°	518.4	460.1	388.8	330.5	285.1	226.8	168.5	123.1	90.7	58.3	32.4
-2.5°	523.1	461.6	397.7	336.6	290.5	233.6	176.4	127.3	93.1	61.6	34.4
-5°	525.1	461.4	404.4	341.3	294.4	239.0	183.0	130.7	95.0	64.5	36.1
-7.5°	528.0	463.5	408.0	344.9	297.0	243.2	188.0	133.3	96.4	66.8	37.7
-10°	529.1	465.8	408.9	349.5	299.2	246.2	191.3	134.9	97.5	68.5	39.1
-12.5°	527.6	465.6	408.7	352.1	300.2	247.9	193.1	137.5	98.5	69.6	40.3
-15°	523.4	462.8	407.7	352.3	300.1	248.6	193.6	139.8	100.4	69.8	41.3
-17.5°	517.0	457.5	406.2	350.2	298.9	248.2	193.0	140.9	101.5	69.4	42.3
-20°	510.5	452.6	404.0	345.5	296.6	246.9	191.3	140.6	101.4	68.4	43.2

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Scaled Data Report



REPORT NUMBER: P627478 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA4D-750-U-NR-VSR-XX

**CANDELA DISTRIBUTION (continued):**

	47.5°	50°	52.5°	55°	57.5°	60°	62.5°	65°	67.5°	70°	72.5°
-22.5°	502.1	447.9	396.8	340.8	293.4	244.6	188.6	139.0	100.3	66.8	43.7
-25°	491.5	440.9	388.7	337.2	289.3	240.0	185.5	135.9	97.9	64.8	43.9
-27.5°	480.9	431.4	380.0	332.1	283.7	234.4	181.3	133.0	94.6	62.2	43.7
-30°	468.5	420.8	372.4	325.2	275.8	226.5	175.3	128.6	91.1	60.8	43.2
-32.5°	455.0	410.0	363.9	314.8	265.9	217.7	167.8	122.5	87.1	60.1	42.8
-35°	441.3	398.1	353.6	301.8	255.2	208.2	160.1	114.7	82.5	58.8	42.2
-37.5°	425.3	383.2	336.9	287.8	243.9	198.0	152.9	110.3	77.3	57.1	41.4
-40°	407.1	365.0	317.7	274.7	231.9	187.2	145.2	106.2	74.0	54.9	40.4
-42.5°	386.6	344.6	302.4	261.4	219.4	177.9	137.2	101.2	72.5	53.2	39.3
-45°	365.6	326.2	288.1	247.5	206.7	168.3	130.4	95.7	70.3	51.6	38.1
-47.5°	346.0	310.6	272.4	232.7	195.7	158.5	122.6	92.0	67.2	49.9	36.8
-50°	329.4	293.5	255.3	217.6	182.8	148.4	114.5	87.2	64.7	48.0	35.2
-52.5°	310.3	274.0	236.6	201.0	169.0	137.2	107.5	81.5	61.1	45.6	33.3
-55°	287.5	251.5	215.8	184.5	154.7	126.6	99.3	75.6	56.5	42.9	31.0
-57.5°	260.9	226.0	196.7	168.3	140.3	114.7	90.2	68.5	52.4	39.8	28.6
-60°	233.6	205.4	178.5	150.8	125.0	101.8	79.9	61.4	48.2	36.3	25.8
-62.5°	209.3	183.5	157.1	131.8	109.2	88.2	69.3	55.8	43.6	32.6	22.8
-65°	182.1	157.7	134.1	113.2	93.2	75.5	62.2	49.8	38.6	28.5	20.1
-67.5°	152.9	133.3	113.4	94.5	79.7	66.7	54.6	43.4	33.3	24.2	18.4
-70°	129.1	110.9	94.6	81.1	68.8	57.3	46.5	36.7	27.7	21.6	16.6
-72.5°	106.6	92.5	79.6	68.2	57.5	47.4	38.1	30.1	24.1	19.0	14.7
-75°	84.9	74.7	64.6	54.7	45.7	37.5	31.3	25.3	20.3	16.1	12.9
-77.5°	68.0	58.9	49.7	42.6	37.1	31.4	25.7	20.3	16.9	14.0	11.1
-80°	52.4	46.0	40.4	35.6	30.5	25.3	20.9	17.2	14.5	11.9	9.2
-82.5°	37.6	34.3	31.3	28.5	24.5	20.8	17.5	14.6	12.2	9.8	7.2
-85°	25.6	24.0	22.6	21.2	18.6	16.1	13.4	10.9	8.7	6.6	4.9
-87.5°	13.1	12.5	11.8	11.1	9.6	8.1	6.7	5.5	4.3	3.3	2.4
-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-SA4D-750-U-NR-VSR-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°	0.0	0.0	0.0	0.0	0.0	0.1	0.0
85°	0.0	0.0	0.0	0.0	0.0	0.3	0.0
82.5°	0.0	0.0	0.0	0.0	0.0	0.4	0.0
80°	0.0	0.0	0.0	0.0	0.0	0.6	0.0
77.5°	0.1	0.1	0.0	0.0	0.1	0.7	0.0
75°	0.2	0.5	0.1	0.0	0.1	0.9	0.0
72.5°	0.3	1.0	0.7	0.0	0.2	1.0	0.0
70°	0.8	1.5	1.3	0.1	0.3	1.2	0.0
67.5°	2.3	2.0	2.0	0.8	0.4	1.3	0.0
65°	3.8	2.8	2.6	1.4	0.5	1.5	0.0
62.5°	5.1	3.7	3.3	2.1	0.7	1.7	0.0
60°	6.4	4.5	4.1	2.7	0.9	1.8	0.0
57.5°	6.5	5.3	4.6	3.4	1.4	2.0	0.0
55°	6.5	6.0	5.0	4.1	2.0	2.2	0.0
52.5°	6.5	6.5	5.4	4.8	2.5	2.4	0.0
50°	6.5	6.5	5.7	5.6	2.9	2.6	0.0
47.5°	6.5	6.5	6.0	6.2	3.4	2.8	0.0
45°	6.5	6.5	6.3	6.3	3.8	3.0	0.0
42.5°	6.5	6.5	6.4	6.5	4.2	3.2	0.0
40°	6.5	6.5	6.5	6.5	4.5	3.4	0.0
37.5°	6.5	6.5	6.5	6.5	4.9	3.6	0.0
35°	6.5	6.5	6.5	6.5	5.1	3.8	0.0
32.5°	6.7	6.5	6.5	6.5	5.4	4.0	0.0
30°	7.4	6.5	6.5	6.5	5.6	4.2	0.0
27.5°	8.1	6.5	6.5	6.5	5.8	4.4	0.0
25°	8.9	6.5	6.5	6.5	6.0	4.6	0.0
22.5°	9.7	6.6	6.5	6.5	6.1	4.9	0.0
20°	10.5	7.1	6.5	6.5	6.2	5.1	0.0
17.5°	11.7	7.7	6.5	6.5	6.3	5.3	0.0
15°	13.0	8.3	6.5	6.5	6.4	5.5	0.0
12.5°	14.2	9.1	6.5	6.5	6.4	5.7	0.0
10°	15.4	9.9	6.5	6.5	6.5	5.8	0.0
7.5°	16.5	10.7	6.5	6.5	6.5	6.0	0.0
5°	17.5	11.5	6.5	6.5	6.5	6.2	0.0
2.5°	18.5	12.3	6.5	6.5	6.5	6.4	0.0
0°	19.4	13.0	6.5	6.5	6.5	6.5	0.0
-2.5°	21.1	13.7	7.1	6.5	6.5	6.5	0.0
-5°	22.7	14.3	7.6	6.5	6.5	6.5	0.0
-7.5°	24.1	14.8	8.2	6.5	6.5	6.4	0.0
-10°	25.4	15.3	8.6	6.5	6.5	6.4	0.0
-12.5°	26.5	15.7	9.1	6.5	6.5	6.3	0.0
-15°	27.3	16.1	9.4	6.5	6.5	6.3	0.0
-17.5°	27.8	16.4	9.7	6.5	6.5	6.2	0.0
-20°	28.2	16.6	9.9	6.5	6.5	6.1	0.0

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CATALOG NUMBER: GFLD-SA4D-750-U-NR-VSR-XX

**CANDELA DISTRIBUTION (continued):**

	75°	77.5°	80°	82.5°	85°	87.5°	90°
-22.5°	28.6	16.7	10.0	6.5	6.5	6.0	0.0
-25°	28.7	17.2	9.9	6.5	6.5	5.9	0.0
-27.5°	28.7	17.6	9.8	6.5	6.5	5.8	0.0
-30°	28.6	17.9	9.5	6.5	6.5	5.6	0.0
-32.5°	28.3	18.0	9.5	6.5	6.5	5.5	0.0
-35°	28.2	18.0	9.4	6.5	6.5	5.3	0.0
-37.5°	28.1	17.8	9.2	6.5	6.5	5.2	0.0
-40°	27.7	17.5	8.8	6.5	6.5	5.0	0.0
-42.5°	27.2	17.0	8.7	6.6	6.5	4.8	0.0
-45°	26.3	16.3	9.0	6.7	6.5	4.6	0.0
-47.5°	25.3	15.4	9.1	6.9	6.5	4.4	0.0
-50°	24.0	14.4	9.2	7.0	6.5	4.2	0.0
-52.5°	22.5	13.2	9.2	7.0	6.5	4.0	0.0
-55°	20.7	12.8	9.2	7.0	6.5	3.7	0.0
-57.5°	18.8	12.5	9.1	7.0	6.5	3.5	0.0
-60°	16.8	12.1	8.9	7.0	6.5	3.2	0.0
-62.5°	15.9	11.6	8.6	6.9	6.0	3.0	0.0
-65°	15.0	11.0	8.3	6.8	5.5	2.7	0.0
-67.5°	13.8	10.3	7.9	6.7	5.0	2.5	0.0
-70°	12.6	9.6	7.5	6.5	4.4	2.2	0.0
-72.5°	11.3	8.7	7.1	5.8	3.9	2.0	0.0
-75°	9.8	7.8	6.6	5.0	3.4	1.7	0.0
-77.5°	8.3	6.8	5.6	4.2	2.8	1.4	0.0
-80°	6.7	5.6	4.5	3.4	2.3	1.1	0.0
-82.5°	5.0	4.2	3.4	2.5	1.7	0.8	0.0
-85°	3.4	2.8	2.3	1.7	1.1	0.6	0.0
-87.5°	1.7	1.4	1.1	0.8	0.6	0.3	0.0
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0

(END OF REPORT)