

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: P626589 (CONVERTED FROM TYPE C PHOTOMETRY)

Luminaire Tested: **GFLD-SA1B-722-U-NR-XX**

Issue Date: 12/7/2022

Test Information

Test Method: LM-79-08
Report Number: P626589 (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-SA1B-722-U-NR-XX
Description: GALLEON FLOOD, ONE LIGHT SQAURE, NARROW SYMMETRICAL ROUND N4
Light Source: (16) 2200K CCT, 70 CRI LEDS
Ballast/Driver: -

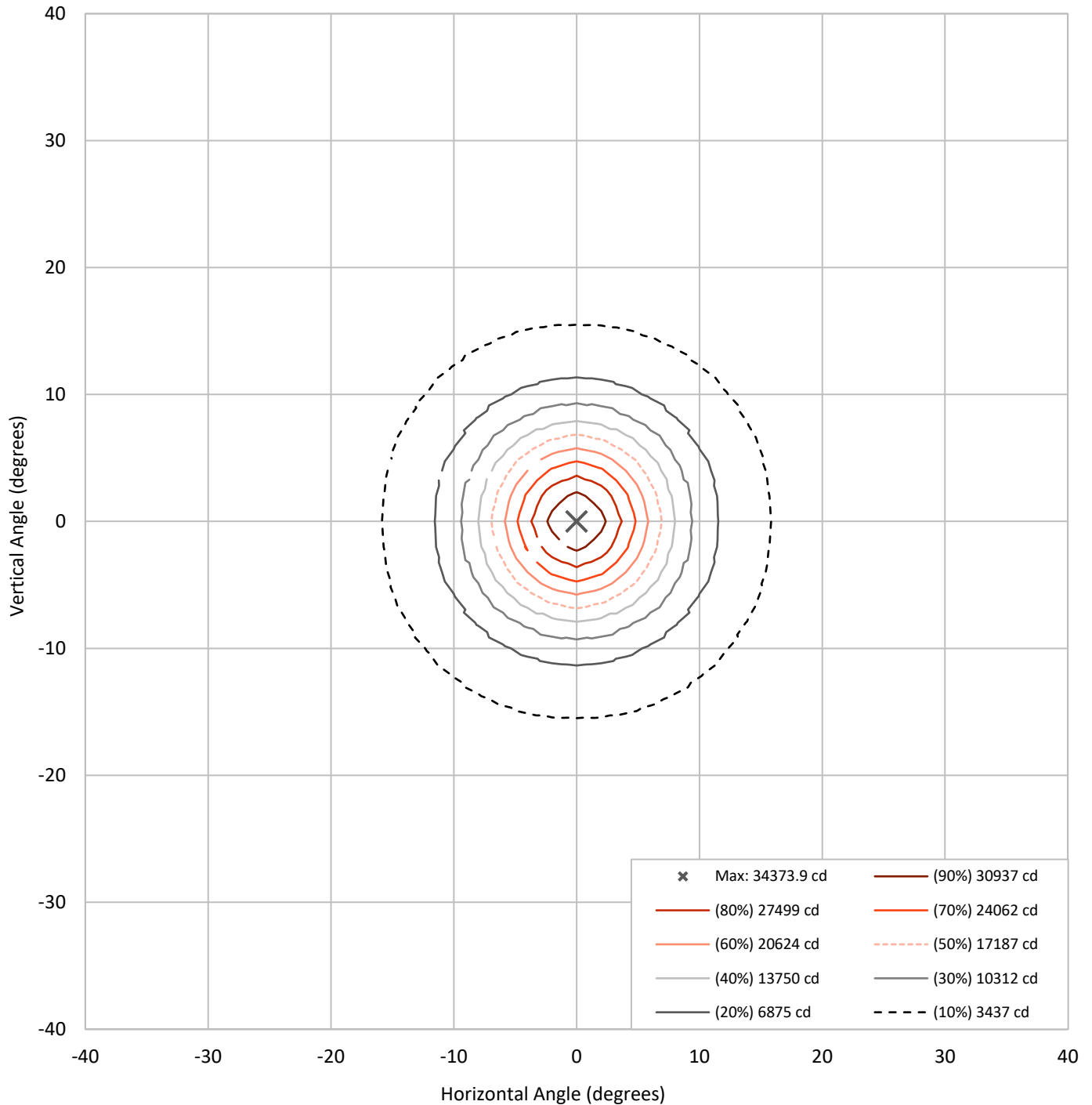
Summary

Lumens per Lamp:	N/A	NEMA Type:	3H x 3V
Luminaire Lumens:	3650 lumens	Max Intensity:	34373.9 candela
Efficiency:	N/A	Max Intensity Angle:	0°H x 0°V
Efficacy:	109.0 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:	1079.1 lumens	Field Lumens:	2428.5 lumens
Beam Efficiency:	29.6%	Field Efficiency:	66.5%
Input Watts (W):	33.5		
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





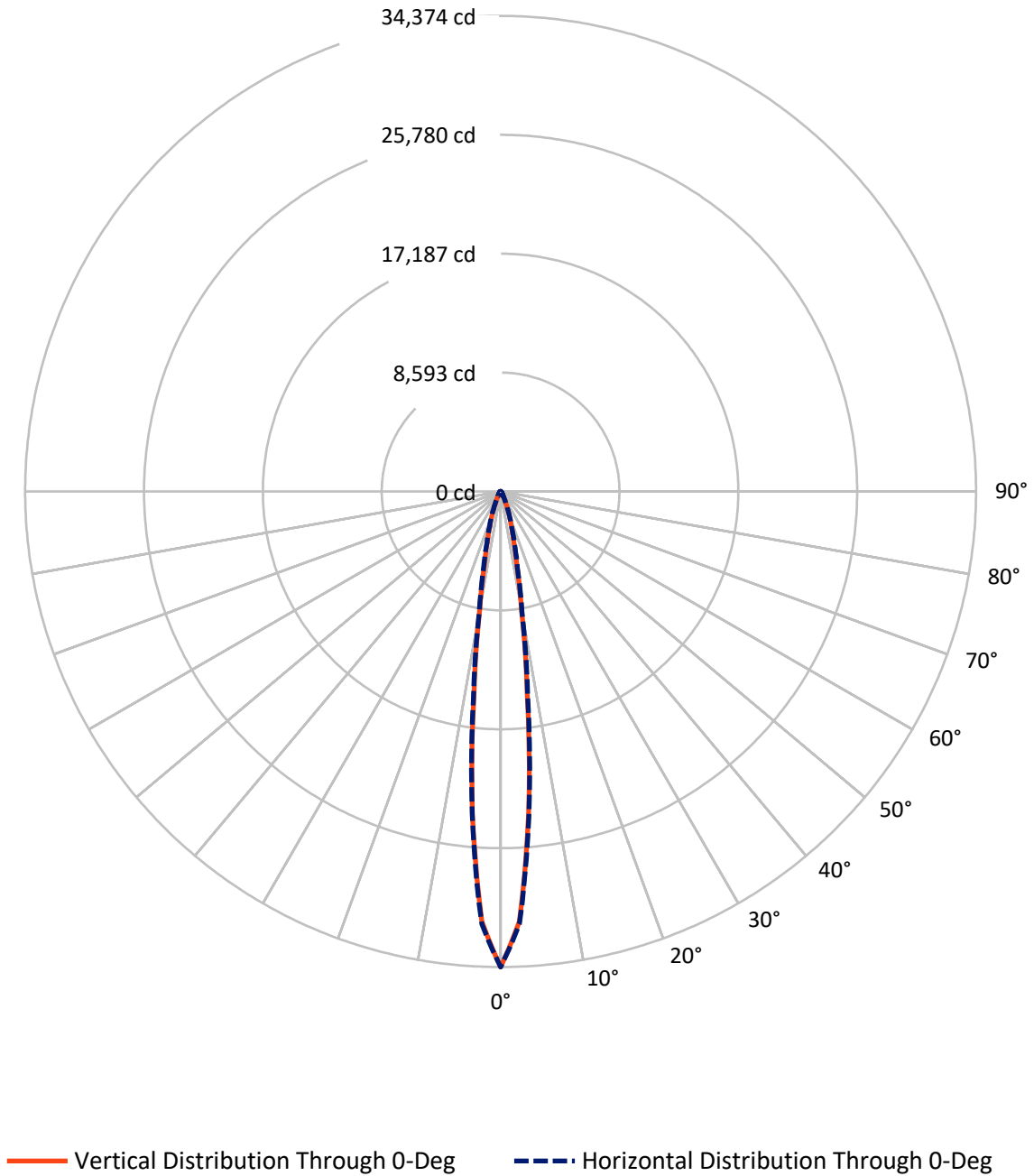
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Lumen Table

90	0.1	0.5		1.3		2.1		2.3		2.1		1.3		0.5		0.1			
80	0.1	0.5		1.3		2.1		2.3		2.1		1.3		0.5		0.1			
70	0.2	0.3	0.5	0.9	1.2	1.5	1.7	1.8	1.8	1.7	1.5	1.2	0.9	0.5	0.3	0.2			
60		0.4	0.8	1.3	1.7	2.1	2.4	2.5	2.5	2.4	2.1	1.7	1.3	0.8	0.4				
50	0.4	0.5	1.0	1.6	2.1	2.7	3.1	3.4	3.4	3.1	2.7	2.1	1.6	1.0	0.5	0.4			
40		0.6	1.2	1.8	2.6	3.7	5.3	6.5	6.5	5.3	3.7	2.6	1.8	1.2	0.6				
30	0.5	0.7	1.3	2.1	3.4	6.7	15.2	25.1	25.1	15.2	6.7	3.4	2.1	1.3	0.7	0.5			
20		0.7	1.4	2.3	4.5	14.2	50.3	108.3	108.3	50.3	14.2	4.5	2.3	1.4	0.7				
10	0.6	0.8	1.4	2.4	5.4	23.3	109.3	472.2	472.2	109.3	23.3	5.4	2.4	1.4	0.8	0.6			
0		0.8	1.4	2.4	5.4	23.3	109.3	472.2	472.2	109.3	23.3	5.4	2.4	1.4	0.8				
-10	0.5	0.7	1.4	2.3	4.5	14.2	50.3	108.3	108.3	50.3	14.2	4.5	2.3	1.4	0.7	0.5			
-20		0.7	1.3	2.1	3.4	6.7	15.2	25.1	25.1	15.2	6.7	3.4	2.1	1.3	0.7				
-30	0.4	0.6	1.2	1.8	2.6	3.7	5.3	6.5	6.5	5.3	3.7	2.6	1.8	1.2	0.6	0.4			
-40		0.5	1.0	1.6	2.1	2.7	3.1	3.4	3.4	3.1	2.7	2.1	1.6	1.0	0.5				
-50	0.2	0.4	0.8	1.3	1.7	2.1	2.4	2.5	2.5	2.4	2.1	1.7	1.3	0.8	0.4	0.2			
-60		0.3	0.5	0.9	1.2	1.5	1.7	1.8	1.8	1.7	1.5	1.2	0.9	0.5	0.3				
-70	0.1	0.5		1.3		2.1		2.3		2.1		1.3		0.5		0.1			
-80		0.5		1.3		2.1		2.3		2.1		1.3		0.5					
-90	0.1	0.5		1.3		2.1		2.3		2.1		1.3		0.5		0.1			
	-90	-80	-70	-60	-50	-40	-30	-20	-10	0	10	20	30	40	50	60	70	80	90

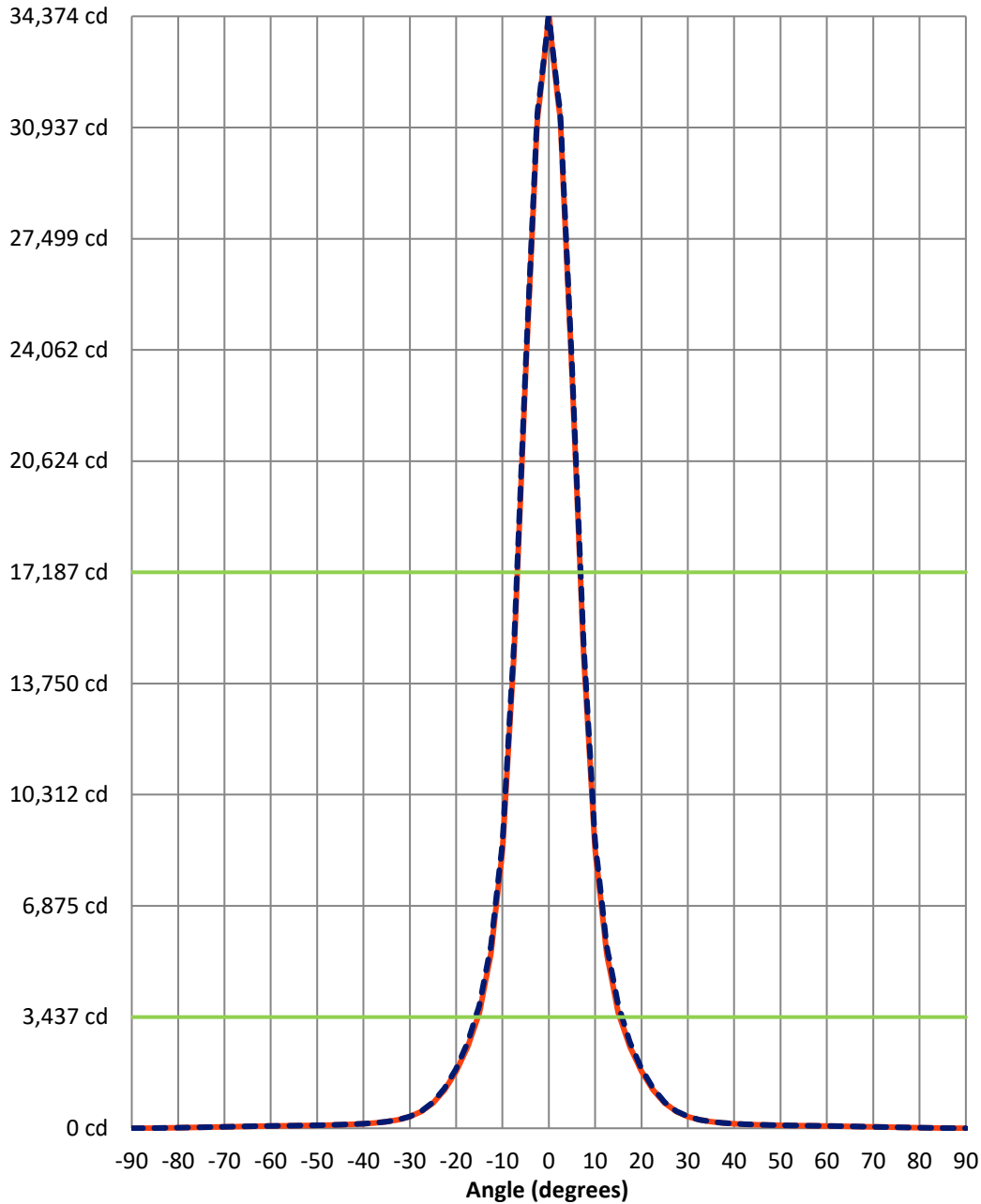
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Luminous Intensity Polar Plot



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Luminous Intensity Plot



Beam:
 H Angle: 13.7°
 V Angle: 13.6°
 Lumens: 1079.1
 Efficiency: 29.6%

Field:
 H Angle: 31.6°
 V Angle: 30.6°
 Lumens: 2428.5
 Efficiency: 66.5%

Spill:
 Lumens: 1221.5
 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	0.1	0.3	0.4	0.5	0.6	0.8	0.9	1.0	1.1	1.2
85°	0.0	0.2	0.5	0.8	1.0	1.3	1.5	1.7	2.0	2.2	2.4
82.5°	0.0	0.3	0.8	1.1	1.5	1.9	2.2	2.6	3.0	3.6	4.1
80°	0.0	0.4	1.0	1.5	2.0	2.5	3.0	3.8	4.5	5.3	6.0
77.5°	0.0	0.5	1.2	1.9	2.5	3.2	4.2	5.1	6.0	7.0	7.9
75°	0.0	0.7	1.5	2.2	3.0	4.1	5.3	6.4	7.6	8.8	10.0
72.5°	0.0	0.8	1.7	2.6	3.7	5.0	6.4	7.8	9.2	10.7	12.1
70°	0.0	0.9	2.0	3.0	4.4	5.9	7.5	9.2	10.9	12.5	14.4
67.5°	0.0	1.0	2.2	3.5	5.0	6.7	8.7	10.7	12.5	14.7	16.8
65°	0.0	1.1	2.4	3.9	5.7	7.6	9.9	12.1	14.4	16.8	19.2
62.5°	0.0	1.2	2.6	4.4	6.3	8.6	11.1	13.6	16.2	18.9	22.0
60°	0.0	1.3	2.8	4.8	6.9	9.6	12.2	15.2	18.0	21.3	24.7
57.5°	0.0	1.3	3.1	5.2	7.6	10.5	13.5	16.7	20.0	23.6	27.3
55°	0.0	1.4	3.3	5.6	8.3	11.4	14.8	18.2	21.9	25.8	29.8
52.5°	0.0	1.5	3.6	6.0	9.0	12.3	16.0	19.8	23.8	27.9	32.2
50°	0.0	1.6	3.8	6.4	9.7	13.3	17.2	21.3	25.6	30.0	34.5
47.5°	0.0	1.7	4.1	6.8	10.4	14.2	18.3	22.8	27.3	31.9	36.7
45°	0.0	1.7	4.3	7.2	11.0	15.1	19.5	24.2	29.0	33.9	38.9
42.5°	0.0	1.8	4.5	7.7	11.6	16.0	20.7	25.6	30.6	35.8	41.1
40°	0.0	1.9	4.7	8.1	12.2	16.8	21.8	26.9	32.1	37.7	43.2
37.5°	0.0	1.9	5.0	8.6	12.9	17.6	22.9	28.2	33.6	39.4	45.2
35°	0.0	2.0	5.2	9.0	13.5	18.4	23.9	29.4	35.1	41.0	47.1
32.5°	0.0	2.0	5.3	9.3	14.0	19.2	24.8	30.4	36.4	42.6	48.8
30°	0.0	2.1	5.5	9.7	14.5	19.9	25.7	31.5	37.6	44.0	50.4
27.5°	0.0	2.1	5.7	10.0	15.0	20.6	26.5	32.5	38.7	45.3	51.8
25°	0.0	2.1	5.8	10.3	15.5	21.2	27.2	33.3	39.8	46.5	53.0
22.5°	0.0	2.2	6.0	10.6	15.9	21.7	27.9	34.1	40.7	47.5	54.1
20°	0.0	2.2	6.1	10.9	16.3	22.2	28.5	34.8	41.5	48.3	55.0
17.5°	0.0	2.2	6.2	11.1	16.6	22.6	29.0	35.4	42.3	49.1	55.9
15°	0.0	2.2	6.3	11.3	16.9	23.0	29.4	35.9	42.9	49.7	56.6
12.5°	0.0	2.2	6.4	11.4	17.1	23.2	29.7	36.4	43.4	50.1	57.2
10°	0.0	2.2	6.5	11.6	17.3	23.4	30.0	36.8	43.8	50.6	57.8
7.5°	0.0	2.2	6.5	11.7	17.5	23.6	30.1	37.2	44.1	51.0	58.5
5°	0.0	2.2	6.6	11.7	17.6	23.6	30.2	37.4	44.2	51.3	59.0
2.5°	0.0	2.2	6.6	11.8	17.7	23.6	30.3	37.5	44.3	51.5	59.4
0°	0.0	2.2	6.6	11.8	17.7	23.6	30.3	37.5	44.3	51.5	59.4
-2.5°	0.0	2.2	6.6	11.8	17.7	23.6	30.3	37.5	44.3	51.5	59.4
-5°	0.0	2.2	6.6	11.7	17.6	23.6	30.2	37.4	44.2	51.3	59.0
-7.5°	0.0	2.2	6.5	11.7	17.5	23.6	30.1	37.2	44.1	51.0	58.5
-10°	0.0	2.2	6.5	11.6	17.3	23.4	30.0	36.8	43.8	50.6	57.8
-12.5°	0.0	2.2	6.4	11.4	17.1	23.2	29.7	36.4	43.4	50.1	57.2
-15°	0.0	2.2	6.3	11.3	16.9	23.0	29.4	35.9	42.9	49.7	56.6
-17.5°	0.0	2.2	6.2	11.1	16.6	22.6	29.0	35.4	42.3	49.1	55.9
-20°	0.0	2.2	6.1	10.9	16.3	22.2	28.5	34.8	41.5	48.3	55.0

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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	2.2	6.0	10.6	15.9	21.7	27.9	34.1	40.7	47.5	54.1
-25°	0.0	2.1	5.8	10.3	15.5	21.2	27.2	33.3	39.8	46.5	53.0
-27.5°	0.0	2.1	5.7	10.0	15.0	20.6	26.5	32.5	38.7	45.3	51.8
-30°	0.0	2.1	5.5	9.7	14.5	19.9	25.7	31.5	37.6	44.0	50.4
-32.5°	0.0	2.0	5.3	9.3	14.0	19.2	24.8	30.4	36.4	42.6	48.8
-35°	0.0	2.0	5.2	9.0	13.5	18.4	23.9	29.4	35.1	41.0	47.1
-37.5°	0.0	1.9	5.0	8.6	12.9	17.6	22.9	28.2	33.6	39.4	45.2
-40°	0.0	1.9	4.7	8.1	12.2	16.8	21.8	26.9	32.1	37.7	43.2
-42.5°	0.0	1.8	4.5	7.7	11.6	16.0	20.7	25.6	30.6	35.8	41.1
-45°	0.0	1.7	4.3	7.2	11.0	15.1	19.5	24.2	29.0	33.9	38.9
-47.5°	0.0	1.7	4.1	6.8	10.4	14.2	18.3	22.8	27.3	31.9	36.7
-50°	0.0	1.6	3.8	6.4	9.7	13.3	17.2	21.3	25.6	30.0	34.5
-52.5°	0.0	1.5	3.6	6.0	9.0	12.3	16.0	19.8	23.8	27.9	32.2
-55°	0.0	1.4	3.3	5.6	8.3	11.4	14.8	18.2	21.9	25.8	29.8
-57.5°	0.0	1.3	3.1	5.2	7.6	10.5	13.5	16.7	20.0	23.6	27.3
-60°	0.0	1.3	2.8	4.8	6.9	9.6	12.2	15.2	18.0	21.3	24.7
-62.5°	0.0	1.2	2.6	4.4	6.3	8.6	11.1	13.6	16.2	18.9	22.0
-65°	0.0	1.1	2.4	3.9	5.7	7.6	9.9	12.1	14.4	16.8	19.2
-67.5°	0.0	1.0	2.2	3.5	5.0	6.7	8.7	10.7	12.5	14.7	16.8
-70°	0.0	0.9	2.0	3.0	4.4	5.9	7.5	9.2	10.9	12.5	14.4
-72.5°	0.0	0.8	1.7	2.6	3.7	5.0	6.4	7.8	9.2	10.7	12.1
-75°	0.0	0.7	1.5	2.2	3.0	4.1	5.3	6.4	7.6	8.8	10.0
-77.5°	0.0	0.5	1.2	1.9	2.5	3.2	4.2	5.1	6.0	7.0	7.9
-80°	0.0	0.4	1.0	1.5	2.0	2.5	3.0	3.8	4.5	5.3	6.0
-82.5°	0.0	0.3	0.8	1.1	1.5	1.9	2.2	2.6	3.0	3.6	4.1
-85°	0.0	0.2	0.5	0.8	1.0	1.3	1.5	1.7	2.0	2.2	2.4
-87.5°	0.0	0.1	0.3	0.4	0.5	0.6	0.8	0.9	1.0	1.1	1.2
-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°	1.3	1.4	1.6	1.7	1.8	1.9	2.0	2.1	2.1	2.2	2.3
85°	2.7	2.9	3.2	3.6	3.8	4.1	4.3	4.4	4.7	5.1	5.4
82.5°	4.6	5.1	5.6	6.1	6.5	6.7	7.0	7.3	8.0	8.6	9.2
80°	6.7	7.4	8.1	8.9	9.5	10.1	10.8	11.5	12.2	12.8	13.5
77.5°	8.9	9.9	10.8	11.7	12.7	13.7	14.6	15.6	16.5	17.3	18.1
75°	11.2	12.4	13.7	14.9	16.2	17.4	18.6	19.8	21.0	22.2	23.3
72.5°	13.6	15.2	16.7	18.2	19.8	21.4	22.9	24.4	25.8	27.4	28.9
70°	16.2	18.0	20.0	21.9	23.7	25.6	27.5	29.2	30.7	32.8	34.9
67.5°	18.9	21.4	23.6	25.7	28.1	30.4	32.3	34.4	36.6	39.0	41.1
65°	22.1	24.7	27.3	30.0	32.8	35.1	37.6	40.1	42.6	45.0	47.3
62.5°	25.2	28.2	31.2	34.1	37.0	39.8	42.7	45.5	48.3	51.1	53.5
60°	28.2	31.5	34.7	37.9	41.1	44.5	47.8	50.9	54.2	57.3	59.0
57.5°	31.1	34.7	38.0	41.5	45.3	49.2	52.6	56.2	59.0	61.2	63.3
55°	33.8	37.6	41.2	45.1	49.3	53.3	57.1	60.3	62.9	64.9	67.1
52.5°	36.4	40.4	44.3	48.6	53.0	57.3	61.2	64.2	66.6	68.6	70.7
50°	38.9	43.0	47.2	51.9	56.6	61.2	65.0	67.8	70.0	72.1	74.3
47.5°	41.4	45.7	50.2	55.3	60.3	64.7	68.4	70.9	73.1	75.6	78.0
45°	43.8	48.5	53.3	58.7	63.7	68.0	71.1	73.6	76.4	79.1	81.6
42.5°	46.1	51.2	56.4	62.0	66.9	70.7	73.6	76.6	79.6	82.4	85.3
40°	48.5	53.9	59.4	64.9	69.8	73.1	76.2	79.4	82.7	85.8	88.9
37.5°	50.8	56.3	62.0	67.5	72.1	75.4	78.6	82.2	85.6	88.9	93.1
35°	53.0	58.6	64.3	69.7	74.0	77.5	81.1	84.8	88.4	92.7	97.4
32.5°	54.9	60.6	66.3	71.4	75.7	79.4	83.4	87.3	91.6	96.5	102.2
30°	56.5	62.3	68.1	73.1	77.2	81.2	85.6	89.8	94.9	100.8	107.5
27.5°	58.0	63.9	69.5	74.5	78.7	82.7	87.2	92.6	98.4	105.1	113.1
25°	59.3	65.5	70.9	75.8	79.9	84.0	88.9	94.9	101.9	109.9	119.6
22.5°	60.6	67.0	72.3	77.1	80.8	85.3	90.8	97.3	104.9	114.3	126.1
20°	61.8	68.2	73.4	78.0	81.5	86.4	92.5	99.4	108.1	119.2	132.9
17.5°	62.9	69.2	74.2	78.6	82.4	87.6	93.9	101.1	110.8	123.7	139.1
15°	63.9	70.0	74.9	79.1	83.3	88.8	95.5	103.3	113.8	128.0	144.7
12.5°	64.8	70.7	75.4	79.4	83.9	89.8	96.9	105.5	117.1	132.2	151.7
10°	65.5	71.2	75.8	79.7	84.4	90.6	98.0	107.3	119.7	135.5	157.1
7.5°	66.2	71.6	76.1	79.8	84.7	91.2	98.9	108.7	121.5	137.8	161.0
5°	66.6	71.9	76.4	80.3	85.2	91.6	99.6	109.6	122.5	139.2	163.4
2.5°	66.9	72.1	76.5	80.7	85.8	92.0	100.0	110.6	123.4	140.5	165.2
0°	67.0	72.2	76.6	81.0	86.2	92.1	100.2	111.2	123.7	141.4	166.4
-2.5°	66.9	72.1	76.5	80.7	85.8	92.0	100.0	110.6	123.4	140.5	165.2
-5°	66.6	71.9	76.4	80.3	85.2	91.6	99.6	109.6	122.5	139.2	163.4
-7.5°	66.2	71.6	76.1	79.8	84.7	91.2	98.9	108.7	121.5	137.8	161.0
-10°	65.5	71.2	75.8	79.7	84.4	90.6	98.0	107.3	119.7	135.5	157.1
-12.5°	64.8	70.7	75.4	79.4	83.9	89.8	96.9	105.5	117.1	132.2	151.7
-15°	63.9	70.0	74.9	79.1	83.3	88.8	95.5	103.3	113.8	128.0	144.7
-17.5°	62.9	69.2	74.2	78.6	82.4	87.6	93.9	101.1	110.8	123.7	139.1
-20°	61.8	68.2	73.4	78.0	81.5	86.4	92.5	99.4	108.1	119.2	132.9

Classified

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

Scaled Data Report



REPORT NUMBER: P626589 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA1B-722-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°	60.6	67.0	72.3	77.1	80.8	85.3	90.8	97.3	104.9	114.3	126.1
-25°	59.3	65.5	70.9	75.8	79.9	84.0	88.9	94.9	101.9	109.9	119.6
-27.5°	58.0	63.9	69.5	74.5	78.7	82.7	87.2	92.6	98.4	105.1	113.1
-30°	56.5	62.3	68.1	73.1	77.2	81.2	85.6	89.8	94.9	100.8	107.5
-32.5°	54.9	60.6	66.3	71.4	75.7	79.4	83.4	87.3	91.6	96.5	102.2
-35°	53.0	58.6	64.3	69.7	74.0	77.5	81.1	84.8	88.4	92.7	97.4
-37.5°	50.8	56.3	62.0	67.5	72.1	75.4	78.6	82.2	85.6	88.9	93.1
-40°	48.5	53.9	59.4	64.9	69.8	73.1	76.2	79.4	82.7	85.8	88.9
-42.5°	46.1	51.2	56.4	62.0	66.9	70.7	73.6	76.6	79.6	82.4	85.3
-45°	43.8	48.5	53.3	58.7	63.7	68.0	71.1	73.6	76.4	79.1	81.6
-47.5°	41.4	45.7	50.2	55.3	60.3	64.7	68.4	70.9	73.1	75.6	78.0
-50°	38.9	43.0	47.2	51.9	56.6	61.2	65.0	67.8	70.0	72.1	74.3
-52.5°	36.4	40.4	44.3	48.6	53.0	57.3	61.2	64.2	66.6	68.6	70.7
-55°	33.8	37.6	41.2	45.1	49.3	53.3	57.1	60.3	62.9	64.9	67.1
-57.5°	31.1	34.7	38.0	41.5	45.3	49.2	52.6	56.2	59.0	61.2	63.3
-60°	28.2	31.5	34.7	37.9	41.1	44.5	47.8	50.9	54.2	57.3	59.0
-62.5°	25.2	28.2	31.2	34.1	37.0	39.8	42.7	45.5	48.3	51.1	53.5
-65°	22.1	24.7	27.3	30.0	32.8	35.1	37.6	40.1	42.6	45.0	47.3
-67.5°	18.9	21.4	23.6	25.7	28.1	30.4	32.3	34.4	36.6	39.0	41.1
-70°	16.2	18.0	20.0	21.9	23.7	25.6	27.5	29.2	30.7	32.8	34.9
-72.5°	13.6	15.2	16.7	18.2	19.8	21.4	22.9	24.4	25.8	27.4	28.9
-75°	11.2	12.4	13.7	14.9	16.2	17.4	18.6	19.8	21.0	22.2	23.3
-77.5°	8.9	9.9	10.8	11.7	12.7	13.7	14.6	15.6	16.5	17.3	18.1
-80°	6.7	7.4	8.1	8.9	9.5	10.1	10.8	11.5	12.2	12.8	13.5
-82.5°	4.6	5.1	5.6	6.1	6.5	6.7	7.0	7.3	8.0	8.6	9.2
-85°	2.7	2.9	3.2	3.6	3.8	4.1	4.3	4.4	4.7	5.1	5.4
-87.5°	1.3	1.4	1.6	1.7	1.8	1.9	2.0	2.1	2.1	2.2	2.3
-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: P626589 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA1B-722-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°	2.4	2.4	2.5	2.6	2.6	2.7	2.7	2.8	2.8	2.7	2.5
85°	5.8	6.0	6.2	6.4	6.6	6.7	6.9	7.0	7.1	7.0	6.9
82.5°	9.7	10.1	10.4	10.8	11.1	11.3	11.6	11.8	12.0	12.0	11.9
80°	14.1	14.7	15.4	16.0	16.6	17.0	17.2	17.5	17.6	17.7	17.7
77.5°	19.0	19.9	20.9	21.9	22.9	23.5	23.9	24.3	24.5	24.6	24.5
75°	24.3	25.6	27.0	28.2	29.2	29.9	30.4	30.7	31.1	31.1	31.1
72.5°	30.6	32.1	33.4	34.4	35.3	36.0	36.6	37.1	37.4	37.6	37.6
70°	36.7	38.3	39.5	40.5	41.4	42.1	42.8	43.4	43.9	44.2	44.5
67.5°	43.0	44.7	46.0	46.9	47.7	48.4	49.3	50.1	50.7	51.2	51.4
65°	49.4	51.2	52.4	53.4	54.4	55.3	56.3	57.0	57.5	57.8	58.0
62.5°	55.6	57.3	58.8	60.1	61.5	62.6	63.3	63.9	64.4	64.8	65.1
60°	60.9	63.0	64.7	66.0	67.3	68.6	69.4	70.1	70.6	71.0	71.2
57.5°	65.4	67.6	69.6	70.9	72.3	73.8	74.7	75.3	75.8	76.3	76.5
55°	69.4	71.4	73.2	75.0	76.6	77.9	78.9	79.7	80.3	80.8	81.0
52.5°	73.0	75.2	77.3	79.2	80.7	82.0	83.0	83.9	84.7	85.1	85.4
50°	76.8	79.1	81.4	83.4	85.0	86.4	87.7	88.8	89.9	90.7	91.3
47.5°	80.5	83.0	85.5	87.7	89.6	91.7	93.5	95.1	96.6	97.9	98.7
45°	84.2	87.1	89.8	92.6	95.2	97.9	100.5	102.7	104.9	106.6	107.7
42.5°	88.3	91.6	94.9	98.4	101.9	105.5	109.3	112.8	115.4	117.9	119.9
40°	92.7	96.5	100.8	105.1	110.3	115.0	120.2	124.6	128.5	132.8	136.1
37.5°	97.4	102.2	107.8	113.7	120.4	126.8	133.5	140.0	145.8	152.6	157.8
35°	102.7	109.0	115.9	123.9	132.2	141.3	150.5	161.1	170.2	180.3	189.0
32.5°	108.9	116.5	125.5	135.9	146.6	160.5	173.5	190.4	205.0	220.9	237.0
30°	115.3	125.1	136.8	150.0	166.9	186.0	207.4	232.5	258.4	283.4	313.7
27.5°	123.1	135.0	149.2	168.4	193.4	219.3	255.9	293.6	341.2	380.6	436.1
25°	131.3	145.4	165.4	191.6	224.2	269.1	324.7	384.9	468.7	542.3	628.6
22.5°	140.2	159.2	184.2	216.5	265.9	334.7	418.9	532.4	656.0	787.2	917.6
20°	149.5	172.5	205.2	252.1	319.8	413.0	557.6	732.8	909.3	1125.8	1317.4
17.5°	160.3	189.5	229.8	288.5	378.9	521.6	722.2	966.7	1240.6	1551.8	1828.1
15°	169.2	204.1	255.0	337.0	461.3	644.7	897.6	1234.0	1645.5	2063.5	2487.6
12.5°	179.6	219.9	279.7	377.6	533.7	777.4	1121.6	1547.4	2061.4	2641.2	3324.6
10°	188.9	235.5	309.8	430.9	621.7	915.7	1333.5	1845.8	2509.1	3343.2	4401.6
7.5°	195.7	247.9	333.1	471.5	697.8	1048.8	1533.7	2172.5	3015.3	4116.8	5569.4
5°	200.2	256.9	349.5	502.8	757.3	1147.8	1680.5	2404.3	3421.0	4978.9	7438.6
2.5°	202.8	262.2	358.9	521.2	793.6	1213.4	1792.1	2579.5	3684.0	5511.7	8640.9
0°	204.0	263.7	364.6	531.0	805.7	1238.7	1843.4	2659.4	3801.6	5636.2	8852.3
-2.5°	202.8	262.2	358.9	521.2	793.6	1213.4	1792.1	2579.5	3684.0	5511.7	8640.9
-5°	200.2	256.9	349.5	502.8	757.3	1147.8	1680.5	2404.3	3421.0	4978.9	7438.6
-7.5°	195.7	247.9	333.1	471.5	697.8	1048.8	1533.7	2172.5	3015.3	4116.8	5569.4
-10°	188.9	235.5	309.8	430.9	621.7	915.7	1333.5	1845.8	2509.1	3343.2	4401.6
-12.5°	179.6	219.9	279.7	377.6	533.7	777.4	1121.6	1547.4	2061.4	2641.2	3324.6
-15°	169.2	204.1	255.0	337.0	461.3	644.7	897.6	1234.0	1645.5	2063.5	2487.6
-17.5°	160.3	189.5	229.8	288.5	378.9	521.6	722.2	966.7	1240.6	1551.8	1828.1
-20°	149.5	172.5	205.2	252.1	319.8	413.0	557.6	732.8	909.3	1125.8	1317.4

Classified

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

Scaled Data Report



REPORT NUMBER: P626589 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA1B-722-U-NR-XX

CANDELA DISTRIBUTION (continued):

	-35°	-32.5°	-30°	-27.5°	-25°	-22.5°	-20°	-17.5°	-15°	-12.5°	-10°
-22.5°	140.2	159.2	184.2	216.5	265.9	334.7	418.9	532.4	656.0	787.2	917.6
-25°	131.3	145.4	165.4	191.6	224.2	269.1	324.7	384.9	468.7	542.3	628.6
-27.5°	123.1	135.0	149.2	168.4	193.4	219.3	255.9	293.6	341.2	380.6	436.1
-30°	115.3	125.1	136.8	150.0	166.9	186.0	207.4	232.5	258.4	283.4	313.7
-32.5°	108.9	116.5	125.5	135.9	146.6	160.5	173.5	190.4	205.0	220.9	237.0
-35°	102.7	109.0	115.9	123.9	132.2	141.3	150.5	161.1	170.2	180.3	189.0
-37.5°	97.4	102.2	107.8	113.7	120.4	126.8	133.5	140.0	145.8	152.6	157.8
-40°	92.7	96.5	100.8	105.1	110.3	115.0	120.2	124.6	128.5	132.8	136.1
-42.5°	88.3	91.6	94.9	98.4	101.9	105.5	109.3	112.8	115.4	117.9	119.9
-45°	84.2	87.1	89.8	92.6	95.2	97.9	100.5	102.7	104.9	106.6	107.7
-47.5°	80.5	83.0	85.5	87.7	89.6	91.7	93.5	95.1	96.6	97.9	98.7
-50°	76.8	79.1	81.4	83.4	85.0	86.4	87.7	88.8	89.9	90.7	91.3
-52.5°	73.0	75.2	77.3	79.2	80.7	82.0	83.0	83.9	84.7	85.1	85.4
-55°	69.4	71.4	73.2	75.0	76.6	77.9	78.9	79.7	80.3	80.8	81.0
-57.5°	65.4	67.6	69.6	70.9	72.3	73.8	74.7	75.3	75.8	76.3	76.5
-60°	60.9	63.0	64.7	66.0	67.3	68.6	69.4	70.1	70.6	71.0	71.2
-62.5°	55.6	57.3	58.8	60.1	61.5	62.6	63.3	63.9	64.4	64.8	65.1
-65°	49.4	51.2	52.4	53.4	54.4	55.3	56.3	57.0	57.5	57.8	58.0
-67.5°	43.0	44.7	46.0	46.9	47.7	48.4	49.3	50.1	50.7	51.2	51.4
-70°	36.7	38.3	39.5	40.5	41.4	42.1	42.8	43.4	43.9	44.2	44.5
-72.5°	30.6	32.1	33.4	34.4	35.3	36.0	36.6	37.1	37.4	37.6	37.6
-75°	24.3	25.6	27.0	28.2	29.2	29.9	30.4	30.7	31.1	31.1	31.1
-77.5°	19.0	19.9	20.9	21.9	22.9	23.5	23.9	24.3	24.5	24.6	24.5
-80°	14.1	14.7	15.4	16.0	16.6	17.0	17.2	17.5	17.6	17.7	17.7
-82.5°	9.7	10.1	10.4	10.8	11.1	11.3	11.6	11.8	12.0	12.0	11.9
-85°	5.8	6.0	6.2	6.4	6.6	6.7	6.9	7.0	7.1	7.0	6.9
-87.5°	2.4	2.4	2.5	2.6	2.6	2.7	2.7	2.8	2.8	2.7	2.5
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



REPORT NUMBER: P626589 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA1B-722-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°	2.4	2.2	2.2	2.2	2.2	2.2	2.4	2.5	2.7	2.8	2.8
85°	6.7	6.6	6.6	6.6	6.6	6.6	6.7	6.9	7.0	7.1	7.0
82.5°	11.8	11.7	11.8	11.8	11.8	11.7	11.8	11.9	12.0	12.0	11.8
80°	17.7	17.6	17.3	16.9	17.3	17.6	17.7	17.7	17.7	17.6	17.5
77.5°	24.4	24.2	23.9	23.6	23.9	24.2	24.4	24.5	24.6	24.5	24.3
75°	31.0	30.8	30.9	30.9	30.9	30.8	31.0	31.1	31.1	31.1	30.7
72.5°	37.6	37.4	37.6	37.6	37.6	37.4	37.6	37.6	37.6	37.4	37.1
70°	44.6	44.7	44.5	44.2	44.5	44.7	44.6	44.5	44.2	43.9	43.4
67.5°	51.5	51.4	51.2	50.8	51.2	51.4	51.5	51.4	51.2	50.7	50.1
65°	58.1	58.0	58.1	58.2	58.1	58.0	58.1	58.0	57.8	57.5	57.0
62.5°	65.3	65.3	65.1	64.8	65.1	65.3	65.3	65.1	64.8	64.4	63.9
60°	71.3	71.2	71.0	70.7	71.0	71.2	71.3	71.2	71.0	70.6	70.1
57.5°	76.5	76.4	76.2	75.9	76.2	76.4	76.5	76.5	76.3	75.8	75.3
55°	81.0	80.9	80.7	80.3	80.7	80.9	81.0	81.0	80.8	80.3	79.7
52.5°	85.4	85.3	85.3	85.4	85.3	85.3	85.4	85.4	85.1	84.7	83.9
50°	91.7	91.8	91.7	91.3	91.7	91.8	91.7	91.3	90.7	89.9	88.8
47.5°	99.1	99.2	99.0	98.7	99.0	99.2	99.1	98.7	97.9	96.6	95.1
45°	108.6	109.1	109.3	109.0	109.3	109.1	108.6	107.7	106.6	104.9	102.7
42.5°	121.4	122.2	122.5	122.3	122.5	122.2	121.4	119.9	117.9	115.4	112.8
40°	138.2	139.1	139.3	139.2	139.3	139.1	138.2	136.1	132.8	128.5	124.6
37.5°	161.4	163.8	164.8	165.0	164.8	163.8	161.4	157.8	152.6	145.8	140.0
35°	195.7	200.3	202.8	204.0	202.8	200.3	195.7	189.0	180.3	170.2	161.1
32.5°	249.2	258.4	263.6	262.9	263.6	258.4	249.2	237.0	220.9	205.0	190.4
30°	336.5	352.7	360.9	358.7	360.9	352.7	336.5	313.7	283.4	258.4	232.5
27.5°	476.0	505.3	522.2	519.9	522.2	505.3	476.0	436.1	380.6	341.2	293.6
25°	700.8	754.2	788.4	779.9	788.4	754.2	700.8	628.6	542.3	468.7	384.9
22.5°	1042.7	1133.2	1193.1	1185.7	1193.1	1133.2	1042.7	917.6	787.2	656.0	532.4
20°	1511.8	1649.5	1747.8	1760.9	1747.8	1649.5	1511.8	1317.4	1125.8	909.3	732.8
17.5°	2126.6	2345.0	2497.0	2522.4	2497.0	2345.0	2126.6	1828.1	1551.8	1240.6	966.7
15°	2925.7	3282.6	3540.9	3562.3	3540.9	3282.6	2925.7	2487.6	2063.5	1645.5	1234.0
12.5°	4010.7	4728.6	5197.2	5403.5	5197.2	4728.6	4010.7	3324.6	2641.2	2061.4	1547.4
10°	5512.3	7161.3	8217.5	8614.5	8217.5	7161.3	5512.3	4401.6	3343.2	2509.1	1845.8
7.5°	8020.4	10609.5	13487.9	14714.6	13487.9	10609.5	8020.4	5569.4	4116.8	3015.3	2172.5
5°	10860.7	16234.0	21345.0	23340.8	21345.0	16234.0	10860.7	7438.6	4978.9	3421.0	2404.3
2.5°	13849.4	21339.0	28357.4	31102.1	28357.4	21339.0	13849.4	8640.9	5511.7	3684.0	2579.5
0°	15016.6	23574.3	31296.2	34373.9	31296.2	23574.3	15016.6	8852.3	5636.2	3801.6	2659.4
-2.5°	13849.4	21339.0	28357.4	31102.1	28357.4	21339.0	13849.4	8640.9	5511.7	3684.0	2579.5
-5°	10860.7	16234.0	21345.0	23340.8	21345.0	16234.0	10860.7	7438.6	4978.9	3421.0	2404.3
-7.5°	8020.4	10609.5	13487.9	14714.6	13487.9	10609.5	8020.4	5569.4	4116.8	3015.3	2172.5
-10°	5512.3	7161.3	8217.5	8614.5	8217.5	7161.3	5512.3	4401.6	3343.2	2509.1	1845.8
-12.5°	4010.7	4728.6	5197.2	5403.5	5197.2	4728.6	4010.7	3324.6	2641.2	2061.4	1547.4
-15°	2925.7	3282.6	3540.9	3562.3	3540.9	3282.6	2925.7	2487.6	2063.5	1645.5	1234.0
-17.5°	2126.6	2345.0	2497.0	2522.4	2497.0	2345.0	2126.6	1828.1	1551.8	1240.6	966.7
-20°	1511.8	1649.5	1747.8	1760.9	1747.8	1649.5	1511.8	1317.4	1125.8	909.3	732.8



REPORT NUMBER: P626589 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA1B-722-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°	1042.7	1133.2	1193.1	1185.7	1193.1	1133.2	1042.7	917.6	787.2	656.0	532.4
-25°	700.8	754.2	788.4	779.9	788.4	754.2	700.8	628.6	542.3	468.7	384.9
-27.5°	476.0	505.3	522.2	519.9	522.2	505.3	476.0	436.1	380.6	341.2	293.6
-30°	336.5	352.7	360.9	358.7	360.9	352.7	336.5	313.7	283.4	258.4	232.5
-32.5°	249.2	258.4	263.6	262.9	263.6	258.4	249.2	237.0	220.9	205.0	190.4
-35°	195.7	200.3	202.8	204.0	202.8	200.3	195.7	189.0	180.3	170.2	161.1
-37.5°	161.4	163.8	164.8	165.0	164.8	163.8	161.4	157.8	152.6	145.8	140.0
-40°	138.2	139.1	139.3	139.2	139.3	139.1	138.2	136.1	132.8	128.5	124.6
-42.5°	121.4	122.2	122.5	122.3	122.5	122.2	121.4	119.9	117.9	115.4	112.8
-45°	108.6	109.1	109.3	109.0	109.3	109.1	108.6	107.7	106.6	104.9	102.7
-47.5°	99.1	99.2	99.0	98.7	99.0	99.2	99.1	98.7	97.9	96.6	95.1
-50°	91.7	91.8	91.7	91.3	91.7	91.8	91.7	91.3	90.7	89.9	88.8
-52.5°	85.4	85.3	85.3	85.4	85.3	85.3	85.4	85.4	85.1	84.7	83.9
-55°	81.0	80.9	80.7	80.3	80.7	80.9	81.0	81.0	80.8	80.3	79.7
-57.5°	76.5	76.4	76.2	75.9	76.2	76.4	76.5	76.5	76.3	75.8	75.3
-60°	71.3	71.2	71.0	70.7	71.0	71.2	71.3	71.2	71.0	70.6	70.1
-62.5°	65.3	65.3	65.1	64.8	65.1	65.3	65.3	65.1	64.8	64.4	63.9
-65°	58.1	58.0	58.1	58.2	58.1	58.0	58.1	58.0	57.8	57.5	57.0
-67.5°	51.5	51.4	51.2	50.8	51.2	51.4	51.5	51.4	51.2	50.7	50.1
-70°	44.6	44.7	44.5	44.2	44.5	44.7	44.6	44.5	44.2	43.9	43.4
-72.5°	37.6	37.4	37.6	37.6	37.6	37.4	37.6	37.6	37.6	37.4	37.1
-75°	31.0	30.8	30.9	30.9	30.9	30.8	31.0	31.1	31.1	31.1	30.7
-77.5°	24.4	24.2	23.9	23.6	23.9	24.2	24.4	24.5	24.6	24.5	24.3
-80°	17.7	17.6	17.3	16.9	17.3	17.6	17.7	17.7	17.7	17.6	17.5
-82.5°	11.8	11.7	11.8	11.8	11.8	11.7	11.8	11.9	12.0	12.0	11.8
-85°	6.7	6.6	6.6	6.6	6.6	6.6	6.7	6.9	7.0	7.1	7.0
-87.5°	2.4	2.2	2.2	2.2	2.2	2.2	2.4	2.5	2.7	2.8	2.8
-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: P626589 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA1B-722-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°	2.7	2.7	2.6	2.6	2.5	2.4	2.4	2.3	2.2	2.1	2.1
85°	6.9	6.7	6.6	6.4	6.2	6.0	5.8	5.4	5.1	4.7	4.4
82.5°	11.6	11.3	11.1	10.8	10.4	10.1	9.7	9.2	8.6	8.0	7.3
80°	17.2	17.0	16.6	16.0	15.4	14.7	14.1	13.5	12.8	12.2	11.5
77.5°	23.9	23.5	22.9	21.9	20.9	19.9	19.0	18.1	17.3	16.5	15.6
75°	30.4	29.9	29.2	28.2	27.0	25.6	24.3	23.3	22.2	21.0	19.8
72.5°	36.6	36.0	35.3	34.4	33.4	32.1	30.6	28.9	27.4	25.8	24.4
70°	42.8	42.1	41.4	40.5	39.5	38.3	36.7	34.9	32.8	30.7	29.2
67.5°	49.3	48.4	47.7	46.9	46.0	44.7	43.0	41.1	39.0	36.6	34.4
65°	56.3	55.3	54.4	53.4	52.4	51.2	49.4	47.3	45.0	42.6	40.1
62.5°	63.3	62.6	61.5	60.1	58.8	57.3	55.6	53.5	51.1	48.3	45.5
60°	69.4	68.6	67.3	66.0	64.7	63.0	60.9	59.0	57.3	54.2	50.9
57.5°	74.7	73.8	72.3	70.9	69.6	67.6	65.4	63.3	61.2	59.0	56.2
55°	78.9	77.9	76.6	75.0	73.2	71.4	69.4	67.1	64.9	62.9	60.3
52.5°	83.0	82.0	80.7	79.2	77.3	75.2	73.0	70.7	68.6	66.6	64.2
50°	87.7	86.4	85.0	83.4	81.4	79.1	76.8	74.3	72.1	70.0	67.8
47.5°	93.5	91.7	89.6	87.7	85.5	83.0	80.5	78.0	75.6	73.1	70.9
45°	100.5	97.9	95.2	92.6	89.8	87.1	84.2	81.6	79.1	76.4	73.6
42.5°	109.3	105.5	101.9	98.4	94.9	91.6	88.3	85.3	82.4	79.6	76.6
40°	120.2	115.0	110.3	105.1	100.8	96.5	92.7	88.9	85.8	82.7	79.4
37.5°	133.5	126.8	120.4	113.7	107.8	102.2	97.4	93.1	88.9	85.6	82.2
35°	150.5	141.3	132.2	123.9	115.9	109.0	102.7	97.4	92.7	88.4	84.8
32.5°	173.5	160.5	146.6	135.9	125.5	116.5	108.9	102.2	96.5	91.6	87.3
30°	207.4	186.0	166.9	150.0	136.8	125.1	115.3	107.5	100.8	94.9	89.8
27.5°	255.9	219.3	193.4	168.4	149.2	135.0	123.1	113.1	105.1	98.4	92.6
25°	324.7	269.1	224.2	191.6	165.4	145.4	131.3	119.6	109.9	101.9	94.9
22.5°	418.9	334.7	265.9	216.5	184.2	159.2	140.2	126.1	114.3	104.9	97.3
20°	557.6	413.0	319.8	252.1	205.2	172.5	149.5	132.9	119.2	108.1	99.4
17.5°	722.2	521.6	378.9	288.5	229.8	189.5	160.3	139.1	123.7	110.8	101.1
15°	897.6	644.7	461.3	337.0	255.0	204.1	169.2	144.7	128.0	113.8	103.3
12.5°	1121.6	777.4	533.7	377.6	279.7	219.9	179.6	151.7	132.2	117.1	105.5
10°	1333.5	915.7	621.7	430.9	309.8	235.5	188.9	157.1	135.5	119.7	107.3
7.5°	1533.7	1048.8	697.8	471.5	333.1	247.9	195.7	161.0	137.8	121.5	108.7
5°	1680.5	1147.8	757.3	502.8	349.5	256.9	200.2	163.4	139.2	122.5	109.6
2.5°	1792.1	1213.4	793.6	521.2	358.9	262.2	202.8	165.2	140.5	123.4	110.6
0°	1843.4	1238.7	805.7	531.0	364.6	263.7	204.0	166.4	141.4	123.7	111.2
-2.5°	1792.1	1213.4	793.6	521.2	358.9	262.2	202.8	165.2	140.5	123.4	110.6
-5°	1680.5	1147.8	757.3	502.8	349.5	256.9	200.2	163.4	139.2	122.5	109.6
-7.5°	1533.7	1048.8	697.8	471.5	333.1	247.9	195.7	161.0	137.8	121.5	108.7
-10°	1333.5	915.7	621.7	430.9	309.8	235.5	188.9	157.1	135.5	119.7	107.3
-12.5°	1121.6	777.4	533.7	377.6	279.7	219.9	179.6	151.7	132.2	117.1	105.5
-15°	897.6	644.7	461.3	337.0	255.0	204.1	169.2	144.7	128.0	113.8	103.3
-17.5°	722.2	521.6	378.9	288.5	229.8	189.5	160.3	139.1	123.7	110.8	101.1
-20°	557.6	413.0	319.8	252.1	205.2	172.5	149.5	132.9	119.2	108.1	99.4

Classified

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

Scaled Data Report



REPORT NUMBER: P626589 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA1B-722-U-NR-XX

CANDELA DISTRIBUTION (continued):

	20°	22.5°	25°	27.5°	30°	32.5°	35°	37.5°	40°	42.5°	45°
-22.5°	418.9	334.7	265.9	216.5	184.2	159.2	140.2	126.1	114.3	104.9	97.3
-25°	324.7	269.1	224.2	191.6	165.4	145.4	131.3	119.6	109.9	101.9	94.9
-27.5°	255.9	219.3	193.4	168.4	149.2	135.0	123.1	113.1	105.1	98.4	92.6
-30°	207.4	186.0	166.9	150.0	136.8	125.1	115.3	107.5	100.8	94.9	89.8
-32.5°	173.5	160.5	146.6	135.9	125.5	116.5	108.9	102.2	96.5	91.6	87.3
-35°	150.5	141.3	132.2	123.9	115.9	109.0	102.7	97.4	92.7	88.4	84.8
-37.5°	133.5	126.8	120.4	113.7	107.8	102.2	97.4	93.1	88.9	85.6	82.2
-40°	120.2	115.0	110.3	105.1	100.8	96.5	92.7	88.9	85.8	82.7	79.4
-42.5°	109.3	105.5	101.9	98.4	94.9	91.6	88.3	85.3	82.4	79.6	76.6
-45°	100.5	97.9	95.2	92.6	89.8	87.1	84.2	81.6	79.1	76.4	73.6
-47.5°	93.5	91.7	89.6	87.7	85.5	83.0	80.5	78.0	75.6	73.1	70.9
-50°	87.7	86.4	85.0	83.4	81.4	79.1	76.8	74.3	72.1	70.0	67.8
-52.5°	83.0	82.0	80.7	79.2	77.3	75.2	73.0	70.7	68.6	66.6	64.2
-55°	78.9	77.9	76.6	75.0	73.2	71.4	69.4	67.1	64.9	62.9	60.3
-57.5°	74.7	73.8	72.3	70.9	69.6	67.6	65.4	63.3	61.2	59.0	56.2
-60°	69.4	68.6	67.3	66.0	64.7	63.0	60.9	59.0	57.3	54.2	50.9
-62.5°	63.3	62.6	61.5	60.1	58.8	57.3	55.6	53.5	51.1	48.3	45.5
-65°	56.3	55.3	54.4	53.4	52.4	51.2	49.4	47.3	45.0	42.6	40.1
-67.5°	49.3	48.4	47.7	46.9	46.0	44.7	43.0	41.1	39.0	36.6	34.4
-70°	42.8	42.1	41.4	40.5	39.5	38.3	36.7	34.9	32.8	30.7	29.2
-72.5°	36.6	36.0	35.3	34.4	33.4	32.1	30.6	28.9	27.4	25.8	24.4
-75°	30.4	29.9	29.2	28.2	27.0	25.6	24.3	23.3	22.2	21.0	19.8
-77.5°	23.9	23.5	22.9	21.9	20.9	19.9	19.0	18.1	17.3	16.5	15.6
-80°	17.2	17.0	16.6	16.0	15.4	14.7	14.1	13.5	12.8	12.2	11.5
-82.5°	11.6	11.3	11.1	10.8	10.4	10.1	9.7	9.2	8.6	8.0	7.3
-85°	6.9	6.7	6.6	6.4	6.2	6.0	5.8	5.4	5.1	4.7	4.4
-87.5°	2.7	2.7	2.6	2.6	2.5	2.4	2.4	2.3	2.2	2.1	2.1
-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: P626589 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA1B-722-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°	2.0	1.9	1.8	1.7	1.6	1.4	1.3	1.2	1.1	1.0	0.9
85°	4.3	4.1	3.8	3.6	3.2	2.9	2.7	2.4	2.2	2.0	1.7
82.5°	7.0	6.7	6.5	6.1	5.6	5.1	4.6	4.1	3.6	3.0	2.6
80°	10.8	10.1	9.5	8.9	8.1	7.4	6.7	6.0	5.3	4.5	3.8
77.5°	14.6	13.7	12.7	11.7	10.8	9.9	8.9	7.9	7.0	6.0	5.1
75°	18.6	17.4	16.2	14.9	13.7	12.4	11.2	10.0	8.8	7.6	6.4
72.5°	22.9	21.4	19.8	18.2	16.7	15.2	13.6	12.1	10.7	9.2	7.8
70°	27.5	25.6	23.7	21.9	20.0	18.0	16.2	14.4	12.5	10.9	9.2
67.5°	32.3	30.4	28.1	25.7	23.6	21.4	18.9	16.8	14.7	12.5	10.7
65°	37.6	35.1	32.8	30.0	27.3	24.7	22.1	19.2	16.8	14.4	12.1
62.5°	42.7	39.8	37.0	34.1	31.2	28.2	25.2	22.0	18.9	16.2	13.6
60°	47.8	44.5	41.1	37.9	34.7	31.5	28.2	24.7	21.3	18.0	15.2
57.5°	52.6	49.2	45.3	41.5	38.0	34.7	31.1	27.3	23.6	20.0	16.7
55°	57.1	53.3	49.3	45.1	41.2	37.6	33.8	29.8	25.8	21.9	18.2
52.5°	61.2	57.3	53.0	48.6	44.3	40.4	36.4	32.2	27.9	23.8	19.8
50°	65.0	61.2	56.6	51.9	47.2	43.0	38.9	34.5	30.0	25.6	21.3
47.5°	68.4	64.7	60.3	55.3	50.2	45.7	41.4	36.7	31.9	27.3	22.8
45°	71.1	68.0	63.7	58.7	53.3	48.5	43.8	38.9	33.9	29.0	24.2
42.5°	73.6	70.7	66.9	62.0	56.4	51.2	46.1	41.1	35.8	30.6	25.6
40°	76.2	73.1	69.8	64.9	59.4	53.9	48.5	43.2	37.7	32.1	26.9
37.5°	78.6	75.4	72.1	67.5	62.0	56.3	50.8	45.2	39.4	33.6	28.2
35°	81.1	77.5	74.0	69.7	64.3	58.6	53.0	47.1	41.0	35.1	29.4
32.5°	83.4	79.4	75.7	71.4	66.3	60.6	54.9	48.8	42.6	36.4	30.4
30°	85.6	81.2	77.2	73.1	68.1	62.3	56.5	50.4	44.0	37.6	31.5
27.5°	87.2	82.7	78.7	74.5	69.5	63.9	58.0	51.8	45.3	38.7	32.5
25°	88.9	84.0	79.9	75.8	70.9	65.5	59.3	53.0	46.5	39.8	33.3
22.5°	90.8	85.3	80.8	77.1	72.3	67.0	60.6	54.1	47.5	40.7	34.1
20°	92.5	86.4	81.5	78.0	73.4	68.2	61.8	55.0	48.3	41.5	34.8
17.5°	93.9	87.6	82.4	78.6	74.2	69.2	62.9	55.9	49.1	42.3	35.4
15°	95.5	88.8	83.3	79.1	74.9	70.0	63.9	56.6	49.7	42.9	35.9
12.5°	96.9	89.8	83.9	79.4	75.4	70.7	64.8	57.2	50.1	43.4	36.4
10°	98.0	90.6	84.4	79.7	75.8	71.2	65.5	57.8	50.6	43.8	36.8
7.5°	98.9	91.2	84.7	79.8	76.1	71.6	66.2	58.5	51.0	44.1	37.2
5°	99.6	91.6	85.2	80.3	76.4	71.9	66.6	59.0	51.3	44.2	37.4
2.5°	100.0	92.0	85.8	80.7	76.5	72.1	66.9	59.4	51.5	44.3	37.5
0°	100.2	92.1	86.2	81.0	76.6	72.2	67.0	59.7	51.6	44.2	37.6
-2.5°	100.0	92.0	85.8	80.7	76.5	72.1	66.9	59.4	51.5	44.3	37.5
-5°	99.6	91.6	85.2	80.3	76.4	71.9	66.6	59.0	51.3	44.2	37.4
-7.5°	98.9	91.2	84.7	79.8	76.1	71.6	66.2	58.5	51.0	44.1	37.2
-10°	98.0	90.6	84.4	79.7	75.8	71.2	65.5	57.8	50.6	43.8	36.8
-12.5°	96.9	89.8	83.9	79.4	75.4	70.7	64.8	57.2	50.1	43.4	36.4
-15°	95.5	88.8	83.3	79.1	74.9	70.0	63.9	56.6	49.7	42.9	35.9
-17.5°	93.9	87.6	82.4	78.6	74.2	69.2	62.9	55.9	49.1	42.3	35.4
-20°	92.5	86.4	81.5	78.0	73.4	68.2	61.8	55.0	48.3	41.5	34.8

Classified

Cooper Lighting Solutions Photometric Lab
1121 Highway 74 South
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Scaled Data Report



REPORT NUMBER: P626589 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA1B-722-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°	90.8	85.3	80.8	77.1	72.3	67.0	60.6	54.1	47.5	40.7	34.1
-25°	88.9	84.0	79.9	75.8	70.9	65.5	59.3	53.0	46.5	39.8	33.3
-27.5°	87.2	82.7	78.7	74.5	69.5	63.9	58.0	51.8	45.3	38.7	32.5
-30°	85.6	81.2	77.2	73.1	68.1	62.3	56.5	50.4	44.0	37.6	31.5
-32.5°	83.4	79.4	75.7	71.4	66.3	60.6	54.9	48.8	42.6	36.4	30.4
-35°	81.1	77.5	74.0	69.7	64.3	58.6	53.0	47.1	41.0	35.1	29.4
-37.5°	78.6	75.4	72.1	67.5	62.0	56.3	50.8	45.2	39.4	33.6	28.2
-40°	76.2	73.1	69.8	64.9	59.4	53.9	48.5	43.2	37.7	32.1	26.9
-42.5°	73.6	70.7	66.9	62.0	56.4	51.2	46.1	41.1	35.8	30.6	25.6
-45°	71.1	68.0	63.7	58.7	53.3	48.5	43.8	38.9	33.9	29.0	24.2
-47.5°	68.4	64.7	60.3	55.3	50.2	45.7	41.4	36.7	31.9	27.3	22.8
-50°	65.0	61.2	56.6	51.9	47.2	43.0	38.9	34.5	30.0	25.6	21.3
-52.5°	61.2	57.3	53.0	48.6	44.3	40.4	36.4	32.2	27.9	23.8	19.8
-55°	57.1	53.3	49.3	45.1	41.2	37.6	33.8	29.8	25.8	21.9	18.2
-57.5°	52.6	49.2	45.3	41.5	38.0	34.7	31.1	27.3	23.6	20.0	16.7
-60°	47.8	44.5	41.1	37.9	34.7	31.5	28.2	24.7	21.3	18.0	15.2
-62.5°	42.7	39.8	37.0	34.1	31.2	28.2	25.2	22.0	18.9	16.2	13.6
-65°	37.6	35.1	32.8	30.0	27.3	24.7	22.1	19.2	16.8	14.4	12.1
-67.5°	32.3	30.4	28.1	25.7	23.6	21.4	18.9	16.8	14.7	12.5	10.7
-70°	27.5	25.6	23.7	21.9	20.0	18.0	16.2	14.4	12.5	10.9	9.2
-72.5°	22.9	21.4	19.8	18.2	16.7	15.2	13.6	12.1	10.7	9.2	7.8
-75°	18.6	17.4	16.2	14.9	13.7	12.4	11.2	10.0	8.8	7.6	6.4
-77.5°	14.6	13.7	12.7	11.7	10.8	9.9	8.9	7.9	7.0	6.0	5.1
-80°	10.8	10.1	9.5	8.9	8.1	7.4	6.7	6.0	5.3	4.5	3.8
-82.5°	7.0	6.7	6.5	6.1	5.6	5.1	4.6	4.1	3.6	3.0	2.6
-85°	4.3	4.1	3.8	3.6	3.2	2.9	2.7	2.4	2.2	2.0	1.7
-87.5°	2.0	1.9	1.8	1.7	1.6	1.4	1.3	1.2	1.1	1.0	0.9
-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: P626589 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA1B-722-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°	0.8	0.6	0.5	0.4	0.3	0.1	0.0
85°	1.5	1.3	1.0	0.8	0.5	0.2	0.0
82.5°	2.2	1.9	1.5	1.1	0.8	0.3	0.0
80°	3.0	2.5	2.0	1.5	1.0	0.4	0.0
77.5°	4.2	3.2	2.5	1.9	1.2	0.5	0.0
75°	5.3	4.1	3.0	2.2	1.5	0.7	0.0
72.5°	6.4	5.0	3.7	2.6	1.7	0.8	0.0
70°	7.5	5.9	4.4	3.0	2.0	0.9	0.0
67.5°	8.7	6.7	5.0	3.5	2.2	1.0	0.0
65°	9.9	7.6	5.7	3.9	2.4	1.1	0.0
62.5°	11.1	8.6	6.3	4.4	2.6	1.2	0.0
60°	12.2	9.6	6.9	4.8	2.8	1.3	0.0
57.5°	13.5	10.5	7.6	5.2	3.1	1.3	0.0
55°	14.8	11.4	8.3	5.6	3.3	1.4	0.0
52.5°	16.0	12.3	9.0	6.0	3.6	1.5	0.0
50°	17.2	13.3	9.7	6.4	3.8	1.6	0.0
47.5°	18.3	14.2	10.4	6.8	4.1	1.7	0.0
45°	19.5	15.1	11.0	7.2	4.3	1.7	0.0
42.5°	20.7	16.0	11.6	7.7	4.5	1.8	0.0
40°	21.8	16.8	12.2	8.1	4.7	1.9	0.0
37.5°	22.9	17.6	12.9	8.6	5.0	1.9	0.0
35°	23.9	18.4	13.5	9.0	5.2	2.0	0.0
32.5°	24.8	19.2	14.0	9.3	5.3	2.0	0.0
30°	25.7	19.9	14.5	9.7	5.5	2.1	0.0
27.5°	26.5	20.6	15.0	10.0	5.7	2.1	0.0
25°	27.2	21.2	15.5	10.3	5.8	2.1	0.0
22.5°	27.9	21.7	15.9	10.6	6.0	2.2	0.0
20°	28.5	22.2	16.3	10.9	6.1	2.2	0.0
17.5°	29.0	22.6	16.6	11.1	6.2	2.2	0.0
15°	29.4	23.0	16.9	11.3	6.3	2.2	0.0
12.5°	29.7	23.2	17.1	11.4	6.4	2.2	0.0
10°	30.0	23.4	17.3	11.6	6.5	2.2	0.0
7.5°	30.1	23.6	17.5	11.7	6.5	2.2	0.0
5°	30.2	23.6	17.6	11.7	6.6	2.2	0.0
2.5°	30.3	23.6	17.7	11.8	6.6	2.2	0.0
0°	30.2	23.6	17.7	11.8	6.6	2.2	0.0
-2.5°	30.3	23.6	17.7	11.8	6.6	2.2	0.0
-5°	30.2	23.6	17.6	11.7	6.6	2.2	0.0
-7.5°	30.1	23.6	17.5	11.7	6.5	2.2	0.0
-10°	30.0	23.4	17.3	11.6	6.5	2.2	0.0
-12.5°	29.7	23.2	17.1	11.4	6.4	2.2	0.0
-15°	29.4	23.0	16.9	11.3	6.3	2.2	0.0
-17.5°	29.0	22.6	16.6	11.1	6.2	2.2	0.0
-20°	28.5	22.2	16.3	10.9	6.1	2.2	0.0

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CATALOG NUMBER: GFLD-SA1B-722-U-NR-XX

CANDELA DISTRIBUTION (continued):

	75°	77.5°	80°	82.5°	85°	87.5°	90°
-22.5°	27.9	21.7	15.9	10.6	6.0	2.2	0.0
-25°	27.2	21.2	15.5	10.3	5.8	2.1	0.0
-27.5°	26.5	20.6	15.0	10.0	5.7	2.1	0.0
-30°	25.7	19.9	14.5	9.7	5.5	2.1	0.0
-32.5°	24.8	19.2	14.0	9.3	5.3	2.0	0.0
-35°	23.9	18.4	13.5	9.0	5.2	2.0	0.0
-37.5°	22.9	17.6	12.9	8.6	5.0	1.9	0.0
-40°	21.8	16.8	12.2	8.1	4.7	1.9	0.0
-42.5°	20.7	16.0	11.6	7.7	4.5	1.8	0.0
-45°	19.5	15.1	11.0	7.2	4.3	1.7	0.0
-47.5°	18.3	14.2	10.4	6.8	4.1	1.7	0.0
-50°	17.2	13.3	9.7	6.4	3.8	1.6	0.0
-52.5°	16.0	12.3	9.0	6.0	3.6	1.5	0.0
-55°	14.8	11.4	8.3	5.6	3.3	1.4	0.0
-57.5°	13.5	10.5	7.6	5.2	3.1	1.3	0.0
-60°	12.2	9.6	6.9	4.8	2.8	1.3	0.0
-62.5°	11.1	8.6	6.3	4.4	2.6	1.2	0.0
-65°	9.9	7.6	5.7	3.9	2.4	1.1	0.0
-67.5°	8.7	6.7	5.0	3.5	2.2	1.0	0.0
-70°	7.5	5.9	4.4	3.0	2.0	0.9	0.0
-72.5°	6.4	5.0	3.7	2.6	1.7	0.8	0.0
-75°	5.3	4.1	3.0	2.2	1.5	0.7	0.0
-77.5°	4.2	3.2	2.5	1.9	1.2	0.5	0.0
-80°	3.0	2.5	2.0	1.5	1.0	0.4	0.0
-82.5°	2.2	1.9	1.5	1.1	0.8	0.3	0.0
-85°	1.5	1.3	1.0	0.8	0.5	0.2	0.0
-87.5°	0.8	0.6	0.5	0.4	0.3	0.1	0.0
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0

(END OF REPORT)