

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: P626553 (CONVERTED FROM TYPE C PHOTOMETRY)

Luminaire Tested: **GFLD-SA1A-730-U-WR-XX**

Issue Date: 12/7/2022

Test Information

Test Method: LM-79-08
Report Number: P626553 (CONVERTED FROM TYPE C PHOTOMETRY)
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G2-2209-766-1)
Test Lab: COOPER LIGHTING SOLUTIONS
Issue Date: 12/7/2022
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: MCGRAW-EDISON
Catalog Number: GFLD-SA1A-730-U-WR-XX
Description: GALLEON FLOOD, ONE LIGHT SQAURE, WIDE SYMMETRICAL ROUND N16
Light Source: (16) 3000K CCT, 70 CRI LEDS
Ballast/Driver: -

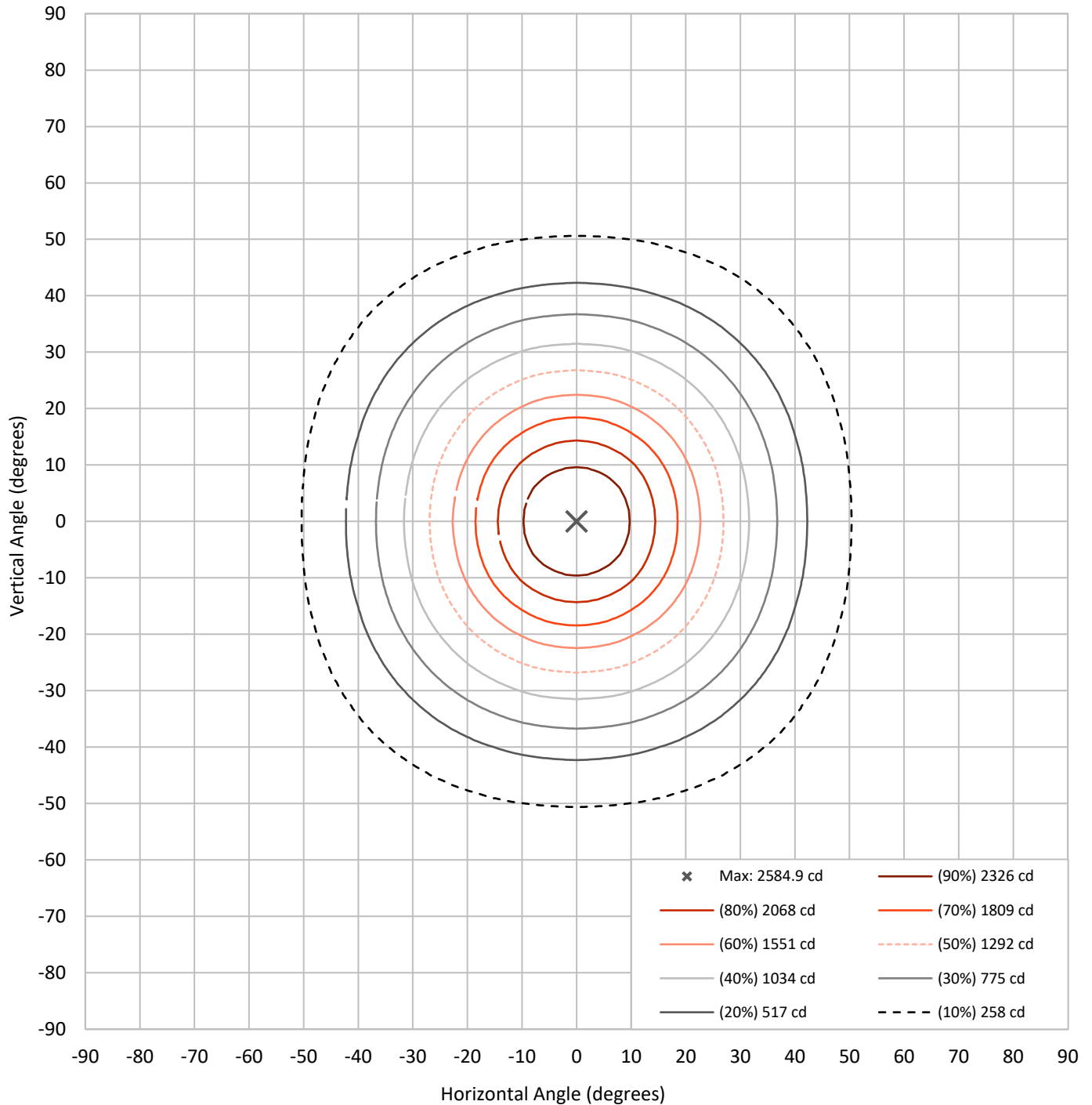
Summary

Lumens per Lamp:	N/A	NEMA Type:	6H x 6V
Luminaire Lumens:	2630.7 lumens	Max Intensity:	2584.9 candela
Efficiency:	N/A	Max Intensity Angle:	0°H x 0°V
Efficacy:	145.3 lumens/watt		
Luminous Opening:	Rectangular (W 0.5' x L: 0.5' x H: 0')		
Beam Angle (50%):	53.8°H x 53.6°V	Field Angle (10%):	100.8°H x 101.2°V
Beam Lumens:	1257.9 lumens	Field Lumens:	2321.7 lumens
Beam Efficiency:	47.8%	Field Efficiency:	88.3%
Input Watts (W):	18.1		
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





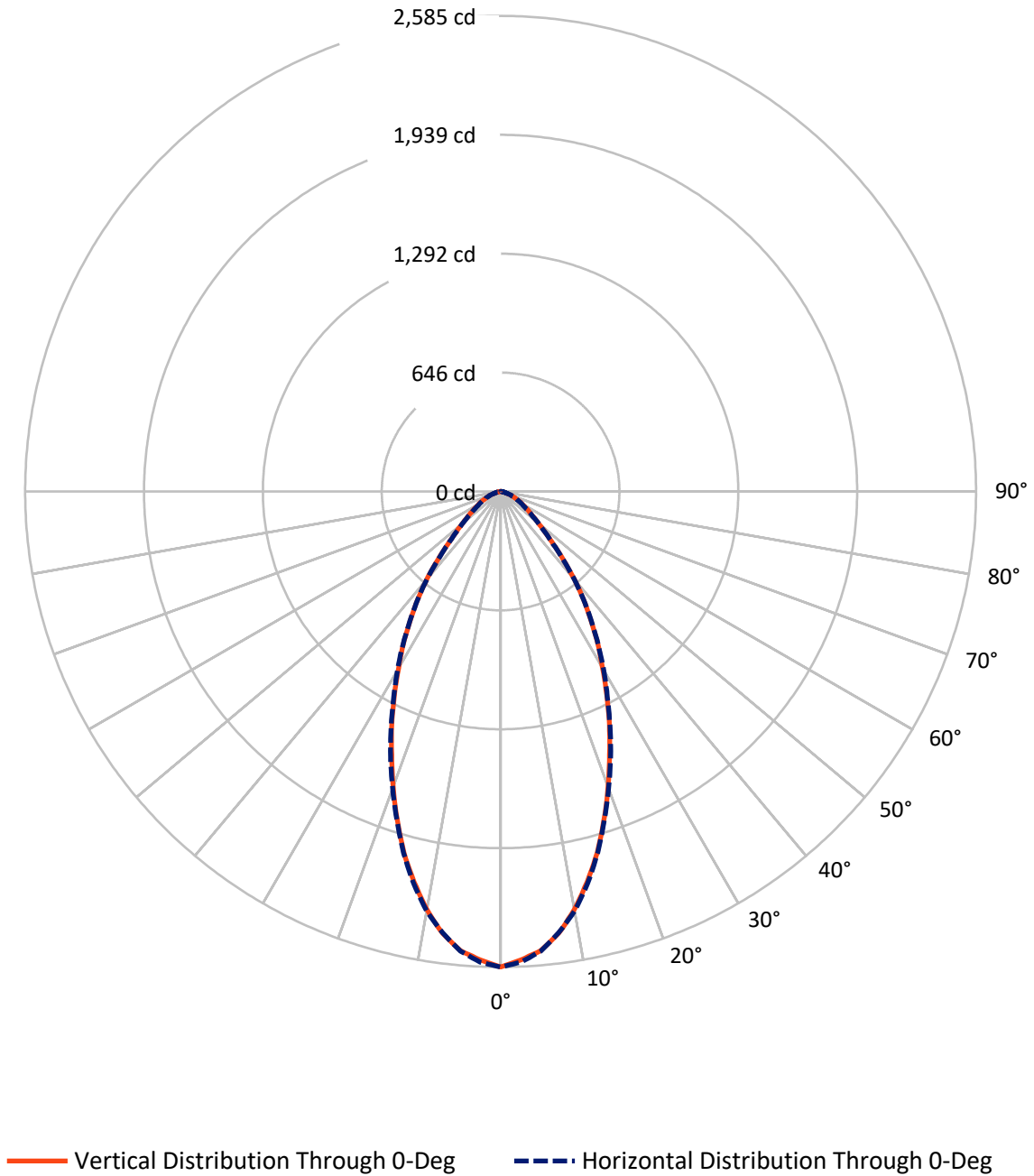
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Lumen Table

90															90	
80	0.1	0.7		1.7	2.8		2.4	2.8		1.7	0.7		0.1	80		
70															70	
60	0.3	0.4	0.8	1.2	1.8	2.3	2.7	2.9	2.9	2.7	2.3	1.8	1.2	0.8	0.4	0.3
50		0.6	1.1	2.0	3.0	4.2	5.2	5.8	5.8	5.2	4.2	3.0	2.0	1.1	0.6	
40	0.5	0.7	1.6	2.9	5.0	7.6	10.5	12.5	12.5	10.5	7.6	5.0	2.9	1.6	0.7	0.5
30		0.9	2.1	4.3	8.3	14.8	21.5	25.5	25.5	21.5	14.8	8.3	4.3	2.1	0.9	
20	0.6	1.0	2.6	6.0	13.5	24.2	34.7	41.4	41.4	34.7	24.2	13.5	6.0	2.6	1.0	0.6
10		1.1	3.0	7.8	18.4	32.7	48.3	59.4	59.4	48.3	32.7	18.4	7.8	3.0	1.1	
0	0.6	1.2	3.3	8.9	21.2	38.0	57.9	72.8	72.8	57.9	38.0	21.2	8.9	3.3	1.2	0.6
-10		1.2	3.3	8.9	21.2	38.0	57.9	72.8	72.8	57.9	38.0	21.2	8.9	3.3	1.2	
-20	0.6	1.1	3.0	7.8	18.4	32.7	48.3	59.4	59.4	48.3	32.7	18.4	7.8	3.0	1.1	0.6
-30		1.0	2.6	6.0	13.5	24.2	34.7	41.4	41.4	34.7	24.2	13.5	6.0	2.6	1.0	
-40	0.5	0.9	2.1	4.3	8.3	14.8	21.5	25.5	25.5	21.5	14.8	8.3	4.3	2.1	0.9	0.5
-50		0.7	1.6	2.9	5.0	7.6	10.5	12.5	12.5	10.5	7.6	5.0	2.9	1.6	0.7	
-60	0.3	0.6	1.1	2.0	3.0	4.2	5.2	5.8	5.8	5.2	4.2	3.0	2.0	1.1	0.6	0.3
-70		0.4	0.8	1.2	1.8	2.3	2.7	2.9	2.9	2.7	2.3	1.8	1.2	0.8	0.4	
-80															-80	
-90	0.1	0.7		1.7	2.8		2.4	2.8		1.7	0.7		0.1	-90		
<p style="text-align: center;">Horizontal Angle (degrees)</p>																

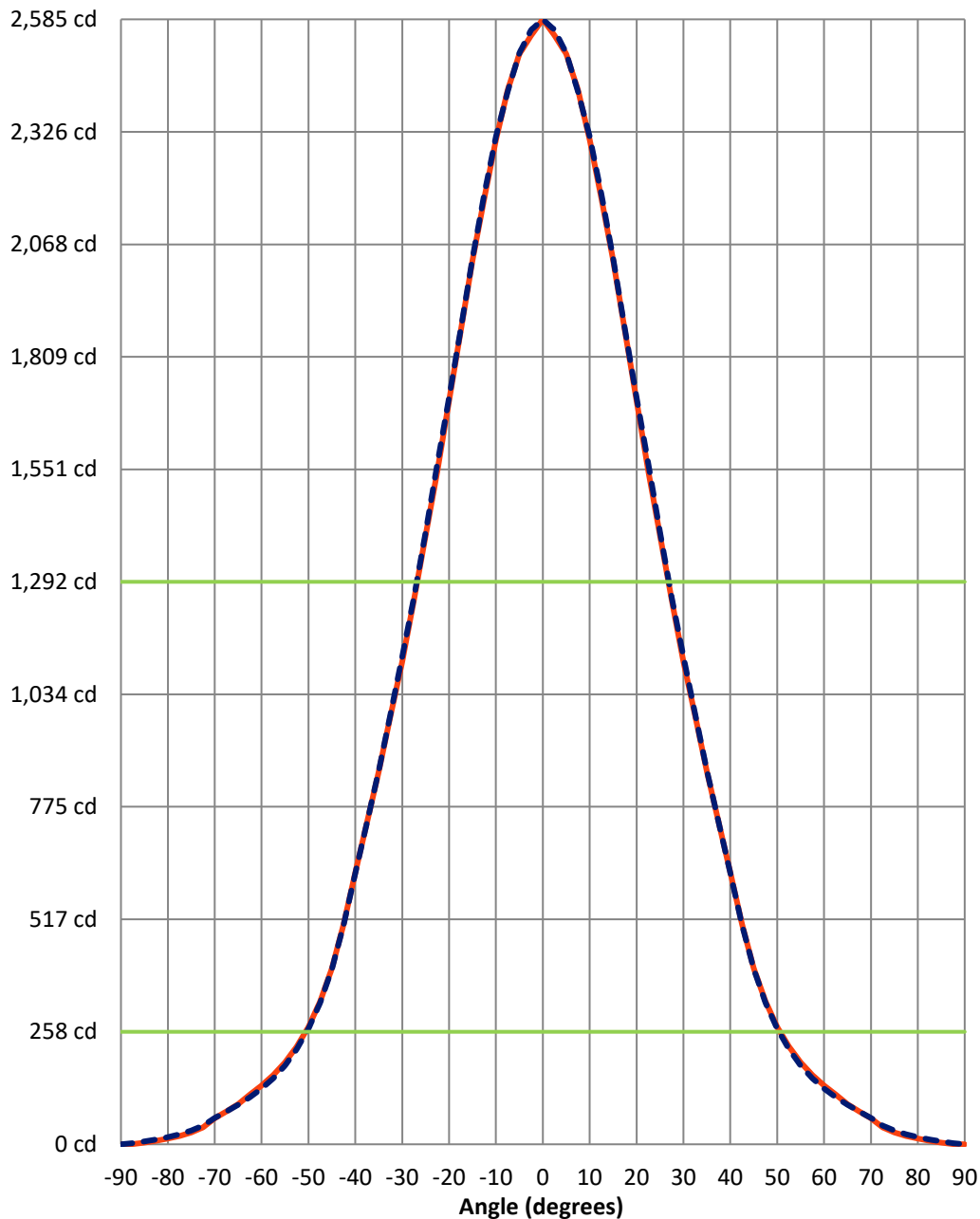
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Luminous Intensity Polar Plot



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Luminous Intensity Plot



Beam:
 H Angle: 53.8°
 V Angle: 53.6°
 Lumens: 1257.9
 Efficiency: 47.8%

Field:
 H Angle: 100.8°
 V Angle: 101.2°
 Lumens: 2321.7
 Efficiency: 88.3%

Spill:
 Lumens: 309
 Efficiency: 11.7%

- 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	0.5	0.7	1.0	1.2	1.3	1.5	1.5	1.6
85°	0.0	0.3	0.6	1.0	1.4	1.9	2.4	2.7	2.9	3.1	3.2
82.5°	0.0	0.4	0.9	1.5	2.1	2.8	3.6	4.0	4.5	5.2	5.8
80°	0.0	0.5	1.2	2.0	2.8	3.8	4.9	6.1	7.2	8.1	9.0
77.5°	0.0	0.7	1.5	2.4	3.5	4.9	7.1	8.6	9.9	11.1	12.3
75°	0.0	0.8	1.8	2.9	4.2	6.4	9.1	11.1	12.7	14.3	16.0
72.5°	0.0	0.9	2.1	3.4	5.3	7.9	11.1	13.5	15.4	17.5	19.7
70°	0.0	1.0	2.4	3.9	6.3	9.3	13.0	15.9	18.2	20.6	23.5
67.5°	0.0	1.2	2.6	4.5	7.2	10.7	14.7	18.1	20.8	23.9	27.3
65°	0.0	1.3	2.9	5.0	8.1	11.9	16.3	20.3	23.4	27.0	30.9
62.5°	0.0	1.4	3.1	5.6	8.9	13.1	17.8	22.4	25.9	30.0	34.3
60°	0.0	1.5	3.4	6.1	9.7	14.1	19.2	24.4	28.3	32.9	37.6
57.5°	0.0	1.6	3.7	6.6	10.4	15.1	20.4	26.1	30.7	35.7	40.6
55°	0.0	1.7	3.9	7.0	11.1	16.0	21.6	27.6	33.1	38.4	43.4
52.5°	0.0	1.8	4.2	7.4	11.7	16.9	22.6	29.1	35.4	40.9	46.3
50°	0.0	1.9	4.5	7.8	12.3	17.6	23.6	30.5	37.6	43.4	49.3
47.5°	0.0	2.0	4.7	8.1	12.8	18.3	24.5	31.9	39.7	45.8	52.4
45°	0.0	2.1	4.9	8.4	13.3	18.9	25.5	33.1	41.3	48.5	55.3
42.5°	0.0	2.1	5.2	8.7	13.6	19.5	26.4	34.2	42.7	51.0	58.3
40°	0.0	2.2	5.4	9.0	14.0	19.9	27.2	35.4	44.1	53.4	61.3
37.5°	0.0	2.3	5.6	9.4	14.3	20.3	27.8	36.4	45.7	55.2	64.0
35°	0.0	2.3	5.7	9.7	14.5	20.7	28.4	37.3	47.1	57.2	66.9
32.5°	0.0	2.4	5.9	9.9	14.7	21.1	28.9	38.1	48.6	59.3	69.8
30°	0.0	2.4	6.1	10.2	14.9	21.4	29.5	38.9	49.9	61.4	72.5
27.5°	0.0	2.5	6.2	10.4	15.2	21.6	30.0	39.8	51.3	63.5	75.1
25°	0.0	2.5	6.3	10.6	15.5	21.8	30.3	40.7	52.8	65.6	77.5
22.5°	0.0	2.6	6.4	10.8	15.8	22.0	30.6	41.4	54.3	67.4	80.1
20°	0.0	2.6	6.5	10.9	16.0	22.3	30.7	42.1	55.7	69.1	82.4
17.5°	0.0	2.6	6.6	11.0	16.2	22.7	31.1	42.6	57.0	70.6	84.5
15°	0.0	2.6	6.6	11.1	16.3	22.9	31.5	43.1	58.1	71.9	86.3
12.5°	0.0	2.6	6.6	11.1	16.5	23.1	31.8	43.5	59.1	73.0	87.7
10°	0.0	2.6	6.7	11.2	16.5	23.2	31.9	43.8	59.9	73.9	88.9
7.5°	0.0	2.6	6.7	11.2	16.6	23.3	32.0	43.8	60.4	74.6	89.9
5°	0.0	2.6	6.7	11.1	16.5	23.2	32.0	43.7	60.7	75.1	90.5
2.5°	0.0	2.6	6.6	11.1	16.5	23.2	31.8	43.4	60.7	75.3	90.8
0°	0.0	2.6	6.6	11.0	16.4	23.0	31.6	42.9	60.5	75.3	90.8
-2.5°	0.0	2.6	6.6	11.1	16.5	23.2	31.8	43.4	60.7	75.3	90.8
-5°	0.0	2.6	6.7	11.1	16.5	23.2	32.0	43.7	60.7	75.1	90.5
-7.5°	0.0	2.6	6.7	11.2	16.6	23.3	32.0	43.8	60.4	74.6	89.9
-10°	0.0	2.6	6.7	11.2	16.5	23.2	31.9	43.8	59.9	73.9	88.9
-12.5°	0.0	2.6	6.6	11.1	16.5	23.1	31.8	43.5	59.1	73.0	87.7
-15°	0.0	2.6	6.6	11.1	16.3	22.9	31.5	43.1	58.1	71.9	86.3
-17.5°	0.0	2.6	6.6	11.0	16.2	22.7	31.1	42.6	57.0	70.6	84.5
-20°	0.0	2.6	6.5	10.9	16.0	22.3	30.7	42.1	55.7	69.1	82.4

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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	2.6	6.4	10.8	15.8	22.0	30.6	41.4	54.3	67.4	80.1
-25°	0.0	2.5	6.3	10.6	15.5	21.8	30.3	40.7	52.8	65.6	77.5
-27.5°	0.0	2.5	6.2	10.4	15.2	21.6	30.0	39.8	51.3	63.5	75.1
-30°	0.0	2.4	6.1	10.2	14.9	21.4	29.5	38.9	49.9	61.4	72.5
-32.5°	0.0	2.4	5.9	9.9	14.7	21.1	28.9	38.1	48.6	59.3	69.8
-35°	0.0	2.3	5.7	9.7	14.5	20.7	28.4	37.3	47.1	57.2	66.9
-37.5°	0.0	2.3	5.6	9.4	14.3	20.3	27.8	36.4	45.7	55.2	64.0
-40°	0.0	2.2	5.4	9.0	14.0	19.9	27.2	35.4	44.1	53.4	61.3
-42.5°	0.0	2.1	5.2	8.7	13.6	19.5	26.4	34.2	42.7	51.0	58.3
-45°	0.0	2.1	4.9	8.4	13.3	18.9	25.5	33.1	41.3	48.5	55.3
-47.5°	0.0	2.0	4.7	8.1	12.8	18.3	24.5	31.9	39.7	45.8	52.4
-50°	0.0	1.9	4.5	7.8	12.3	17.6	23.6	30.5	37.6	43.4	49.3
-52.5°	0.0	1.8	4.2	7.4	11.7	16.9	22.6	29.1	35.4	40.9	46.3
-55°	0.0	1.7	3.9	7.0	11.1	16.0	21.6	27.6	33.1	38.4	43.4
-57.5°	0.0	1.6	3.7	6.6	10.4	15.1	20.4	26.1	30.7	35.7	40.6
-60°	0.0	1.5	3.4	6.1	9.7	14.1	19.2	24.4	28.3	32.9	37.6
-62.5°	0.0	1.4	3.1	5.6	8.9	13.1	17.8	22.4	25.9	30.0	34.3
-65°	0.0	1.3	2.9	5.0	8.1	11.9	16.3	20.3	23.4	27.0	30.9
-67.5°	0.0	1.2	2.6	4.5	7.2	10.7	14.7	18.1	20.8	23.9	27.3
-70°	0.0	1.0	2.4	3.9	6.3	9.3	13.0	15.9	18.2	20.6	23.5
-72.5°	0.0	0.9	2.1	3.4	5.3	7.9	11.1	13.5	15.4	17.5	19.7
-75°	0.0	0.8	1.8	2.9	4.2	6.4	9.1	11.1	12.7	14.3	16.0
-77.5°	0.0	0.7	1.5	2.4	3.5	4.9	7.1	8.6	9.9	11.1	12.3
-80°	0.0	0.5	1.2	2.0	2.8	3.8	4.9	6.1	7.2	8.1	9.0
-82.5°	0.0	0.4	0.9	1.5	2.1	2.8	3.6	4.0	4.5	5.2	5.8
-85°	0.0	0.3	0.6	1.0	1.4	1.9	2.4	2.7	2.9	3.1	3.2
-87.5°	0.0	0.1	0.3	0.5	0.7	1.0	1.2	1.3	1.5	1.5	1.6
-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°	1.6	1.6	1.6	1.5	1.5	1.4	1.3	1.1	1.2	1.2	1.3
85°	3.3	3.3	3.5	3.8	3.9	3.9	3.8	3.7	4.2	4.7	5.3
82.5°	6.4	7.0	7.5	8.0	8.0	7.9	7.7	7.4	8.4	9.6	10.8
80°	9.8	10.6	11.6	12.5	12.7	12.6	12.4	11.9	13.2	15.0	17.0
77.5°	13.7	15.0	16.2	17.4	17.7	17.6	17.4	17.0	18.7	21.2	23.8
75°	17.7	19.3	20.9	22.3	22.8	22.9	22.8	23.2	25.3	28.3	30.9
72.5°	21.9	23.9	25.7	27.2	28.1	28.9	29.8	31.0	33.2	36.1	38.6
70°	26.4	28.6	30.4	32.1	33.6	35.1	37.2	39.2	41.5	44.4	47.0
67.5°	30.7	33.0	35.1	37.2	39.8	42.4	44.9	47.5	50.4	53.4	56.1
65°	34.8	37.4	39.9	43.0	46.4	49.3	52.3	55.8	59.5	62.9	66.0
62.5°	38.7	41.6	44.8	48.4	52.1	55.7	59.9	64.2	68.7	72.9	77.2
60°	42.0	45.6	49.5	53.6	57.8	62.7	67.6	72.8	78.1	83.3	88.5
57.5°	45.2	49.6	54.1	58.8	64.2	69.8	75.6	81.5	87.8	94.1	100.1
55°	48.5	53.7	58.7	64.4	70.5	77.1	83.7	90.9	97.8	105.7	113.0
52.5°	52.0	57.7	63.6	70.1	77.3	84.7	92.4	100.6	109.3	118.0	126.9
50°	55.4	61.8	68.4	76.2	84.2	92.7	101.6	111.1	121.2	131.3	142.1
47.5°	59.0	65.8	73.9	82.3	91.5	101.1	111.3	122.6	133.8	146.6	158.9
45°	62.5	70.4	79.2	89.0	99.0	109.8	121.9	134.3	148.7	163.1	179.3
42.5°	65.9	75.0	84.9	95.4	106.8	119.3	132.6	148.2	164.4	182.2	201.2
40°	69.8	79.4	90.5	102.2	114.6	128.9	144.9	162.2	182.0	203.1	224.7
37.5°	73.6	84.4	96.1	108.8	123.2	139.2	156.9	178.2	201.0	225.0	254.4
35°	77.1	89.1	101.8	115.7	131.3	149.9	171.1	194.6	220.9	251.9	286.1
32.5°	80.9	93.5	107.2	122.8	140.5	160.8	184.9	212.5	243.6	278.9	321.8
30°	84.7	98.1	112.6	129.5	149.1	172.6	200.0	230.5	266.3	310.6	360.9
27.5°	88.2	102.4	118.3	136.5	157.5	183.5	214.5	250.3	292.5	342.5	401.3
25°	91.4	106.3	123.5	143.2	166.8	195.3	228.9	268.6	318.7	378.3	450.6
22.5°	94.4	109.9	128.2	149.3	175.2	206.7	244.5	289.9	345.3	412.2	499.0
20°	97.3	113.7	132.9	155.1	182.7	217.0	258.9	309.8	372.8	452.1	546.4
17.5°	99.9	117.2	137.4	161.3	191.0	227.5	272.4	327.4	397.4	487.7	590.1
15°	102.0	120.1	141.2	166.7	198.4	237.9	286.6	346.7	423.0	520.0	628.5
12.5°	103.8	122.5	144.4	171.3	204.7	246.6	298.8	363.9	447.9	550.5	662.2
10°	105.3	124.5	147.0	175.0	209.8	253.8	308.8	378.0	468.6	576.7	690.7
7.5°	106.5	126.1	149.0	177.8	213.6	259.2	316.6	388.8	484.8	597.4	712.6
5°	107.4	127.2	150.5	179.7	216.4	263.0	322.1	396.4	496.3	612.4	727.6
2.5°	107.9	127.8	151.4	180.8	218.2	265.2	324.9	401.1	502.7	620.9	736.6
0°	108.0	127.9	151.6	180.9	218.7	265.6	325.4	402.6	504.0	623.1	739.9
-2.5°	107.9	127.8	151.4	180.8	218.2	265.2	324.9	401.1	502.7	620.9	736.6
-5°	107.4	127.2	150.5	179.7	216.4	263.0	322.1	396.4	496.3	612.4	727.6
-7.5°	106.5	126.1	149.0	177.8	213.6	259.2	316.6	388.8	484.8	597.4	712.6
-10°	105.3	124.5	147.0	175.0	209.8	253.8	308.8	378.0	468.6	576.7	690.7
-12.5°	103.8	122.5	144.4	171.3	204.7	246.6	298.8	363.9	447.9	550.5	662.2
-15°	102.0	120.1	141.2	166.7	198.4	237.9	286.6	346.7	423.0	520.0	628.5
-17.5°	99.9	117.2	137.4	161.3	191.0	227.5	272.4	327.4	397.4	487.7	590.1
-20°	97.3	113.7	132.9	155.1	182.7	217.0	258.9	309.8	372.8	452.1	546.4

Classified

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

Scaled Data Report



REPORT NUMBER: P626553 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA1A-730-U-WR-XX

CANDELA DISTRIBUTION (continued):

	-62.5°	-60°	-57.5°	-55°	-52.5°	-50°	-47.5°	-45°	-42.5°	-40°	-37.5°
-22.5°	94.4	109.9	128.2	149.3	175.2	206.7	244.5	289.9	345.3	412.2	499.0
-25°	91.4	106.3	123.5	143.2	166.8	195.3	228.9	268.6	318.7	378.3	450.6
-27.5°	88.2	102.4	118.3	136.5	157.5	183.5	214.5	250.3	292.5	342.5	401.3
-30°	84.7	98.1	112.6	129.5	149.1	172.6	200.0	230.5	266.3	310.6	360.9
-32.5°	80.9	93.5	107.2	122.8	140.5	160.8	184.9	212.5	243.6	278.9	321.8
-35°	77.1	89.1	101.8	115.7	131.3	149.9	171.1	194.6	220.9	251.9	286.1
-37.5°	73.6	84.4	96.1	108.8	123.2	139.2	156.9	178.2	201.0	225.0	254.4
-40°	69.8	79.4	90.5	102.2	114.6	128.9	144.9	162.2	182.0	203.1	224.7
-42.5°	65.9	75.0	84.9	95.4	106.8	119.3	132.6	148.2	164.4	182.2	201.2
-45°	62.5	70.4	79.2	89.0	99.0	109.8	121.9	134.3	148.7	163.1	179.3
-47.5°	59.0	65.8	73.9	82.3	91.5	101.1	111.3	122.6	133.8	146.6	158.9
-50°	55.4	61.8	68.4	76.2	84.2	92.7	101.6	111.1	121.2	131.3	142.1
-52.5°	52.0	57.7	63.6	70.1	77.3	84.7	92.4	100.6	109.3	118.0	126.9
-55°	48.5	53.7	58.7	64.4	70.5	77.1	83.7	90.9	97.8	105.7	113.0
-57.5°	45.2	49.6	54.1	58.8	64.2	69.8	75.6	81.5	87.8	94.1	100.1
-60°	42.0	45.6	49.5	53.6	57.8	62.7	67.6	72.8	78.1	83.3	88.5
-62.5°	38.7	41.6	44.8	48.4	52.1	55.7	59.9	64.2	68.7	72.9	77.2
-65°	34.8	37.4	39.9	43.0	46.4	49.3	52.3	55.8	59.5	62.9	66.0
-67.5°	30.7	33.0	35.1	37.2	39.8	42.4	44.9	47.5	50.4	53.4	56.1
-70°	26.4	28.6	30.4	32.1	33.6	35.1	37.2	39.2	41.5	44.4	47.0
-72.5°	21.9	23.9	25.7	27.2	28.1	28.9	29.8	31.0	33.2	36.1	38.6
-75°	17.7	19.3	20.9	22.3	22.8	22.9	22.8	23.2	25.3	28.3	30.9
-77.5°	13.7	15.0	16.2	17.4	17.7	17.6	17.4	17.0	18.7	21.2	23.8
-80°	9.8	10.6	11.6	12.5	12.7	12.6	12.4	11.9	13.2	15.0	17.0
-82.5°	6.4	7.0	7.5	8.0	8.0	7.9	7.7	7.4	8.4	9.6	10.8
-85°	3.3	3.3	3.5	3.8	3.9	3.9	3.8	3.7	4.2	4.7	5.3
-87.5°	1.6	1.6	1.6	1.5	1.5	1.4	1.3	1.1	1.2	1.2	1.3
-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: P626553 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA1A-730-U-WR-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°	1.3	1.3	1.3	1.2	1.2	1.2	1.1	1.1	1.1	1.0	0.9
85°	5.9	6.1	6.1	6.2	6.2	6.4	6.6	6.7	6.9	6.2	5.5
82.5°	12.1	12.6	13.1	13.6	14.1	14.5	14.7	14.9	15.0	13.6	12.0
80°	19.0	20.2	21.2	22.1	23.1	23.3	23.3	23.1	22.9	20.9	18.7
77.5°	26.4	28.0	29.2	30.5	31.7	32.1	32.3	32.5	32.6	30.2	27.2
75°	33.1	35.0	36.8	38.4	39.9	40.7	41.1	41.5	41.8	39.4	36.2
72.5°	40.8	42.8	44.7	46.5	48.0	49.1	49.8	50.4	50.8	49.4	47.4
70°	49.3	51.3	53.3	55.2	56.9	58.4	59.5	60.4	61.2	61.4	61.3
67.5°	58.7	61.1	63.4	65.5	67.6	69.6	71.3	72.8	73.9	74.7	75.1
65°	69.2	72.8	76.1	78.8	81.1	83.7	86.0	87.8	89.1	90.0	90.8
62.5°	81.6	86.0	89.7	93.3	97.1	100.7	103.0	105.3	107.5	109.6	111.4
60°	93.6	98.4	103.4	108.0	112.3	116.3	120.4	124.0	127.2	129.8	131.8
57.5°	106.3	112.2	117.8	123.7	129.3	134.5	139.5	144.2	148.2	151.6	154.4
55°	120.1	127.3	134.0	141.5	148.8	155.4	161.5	167.7	173.3	178.3	182.2
52.5°	135.0	144.3	153.3	162.1	171.5	179.9	187.5	196.2	203.8	210.2	215.1
50°	152.9	163.8	175.6	186.5	198.3	209.9	220.7	231.2	241.4	250.2	257.3
47.5°	173.1	186.6	201.1	215.5	230.2	246.2	260.5	273.7	288.0	300.4	310.3
45°	195.6	212.7	230.3	250.6	269.3	289.8	308.8	325.9	346.1	363.9	378.3
42.5°	220.5	243.4	266.5	292.1	316.9	343.0	370.6	395.2	422.0	447.6	468.3
40°	251.5	278.8	309.8	340.8	376.4	409.8	450.1	486.7	520.0	550.5	575.5
37.5°	285.9	321.1	360.0	400.3	449.1	496.8	544.0	588.5	627.8	661.2	689.2
35°	325.0	369.6	416.8	475.7	532.7	589.9	643.2	691.9	734.6	772.3	804.3
32.5°	369.9	423.5	489.6	555.6	620.8	683.7	742.2	795.3	842.2	884.5	921.3
30°	417.1	490.3	564.4	636.9	708.0	777.0	841.2	899.7	952.7	999.7	1042.2
27.5°	477.2	558.2	639.0	717.2	795.5	870.9	940.5	1005.5	1066.3	1119.5	1168.0
25°	535.2	624.7	710.7	795.9	881.1	962.1	1039.9	1113.3	1182.9	1244.0	1298.1
22.5°	593.2	686.9	778.8	870.5	961.9	1052.3	1139.6	1223.7	1301.6	1371.1	1432.0
20°	647.0	744.9	843.2	942.0	1041.1	1140.1	1238.1	1332.7	1419.5	1499.8	1570.3
17.5°	695.2	799.4	903.5	1009.2	1116.7	1224.1	1333.0	1439.0	1538.2	1629.6	1711.4
15°	737.9	846.6	958.5	1072.5	1187.9	1304.5	1423.4	1542.0	1653.7	1757.4	1848.8
12.5°	775.2	888.2	1005.5	1126.6	1251.8	1378.9	1508.7	1638.7	1762.3	1882.1	1980.7
10°	806.0	923.6	1046.2	1173.4	1305.5	1442.3	1581.5	1721.5	1857.7	1984.7	2097.5
7.5°	829.8	951.8	1078.1	1210.5	1349.1	1493.2	1640.7	1789.3	1934.6	2071.5	2196.4
5°	846.5	972.4	1100.2	1237.9	1381.3	1530.7	1684.0	1838.8	1990.7	2134.7	2264.1
2.5°	856.3	984.7	1113.0	1254.5	1400.4	1553.4	1710.8	1868.2	2024.1	2173.4	2306.3
0°	858.8	988.3	1120.4	1256.3	1406.5	1564.0	1715.8	1873.6	2035.7	2182.9	2315.4
-2.5°	856.3	984.7	1113.0	1254.5	1400.4	1553.4	1710.8	1868.2	2024.1	2173.4	2306.3
-5°	846.5	972.4	1100.2	1237.9	1381.3	1530.7	1684.0	1838.8	1990.7	2134.7	2264.1
-7.5°	829.8	951.8	1078.1	1210.5	1349.1	1493.2	1640.7	1789.3	1934.6	2071.5	2196.4
-10°	806.0	923.6	1046.2	1173.4	1305.5	1442.3	1581.5	1721.5	1857.7	1984.7	2097.5
-12.5°	775.2	888.2	1005.5	1126.6	1251.8	1378.9	1508.7	1638.7	1762.3	1882.1	1980.7
-15°	737.9	846.6	958.5	1072.5	1187.9	1304.5	1423.4	1542.0	1653.7	1757.4	1848.8
-17.5°	695.2	799.4	903.5	1009.2	1116.7	1224.1	1333.0	1439.0	1538.2	1629.6	1711.4
-20°	647.0	744.9	843.2	942.0	1041.1	1140.1	1238.1	1332.7	1419.5	1499.8	1570.3

Classified

Cooper Lighting Solutions Photometric Lab
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Scaled Data Report



REPORT NUMBER: P626553 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA1A-730-U-WR-XX

CANDELA DISTRIBUTION (continued):

	-35°	-32.5°	-30°	-27.5°	-25°	-22.5°	-20°	-17.5°	-15°	-12.5°	-10°
-22.5°	593.2	686.9	778.8	870.5	961.9	1052.3	1139.6	1223.7	1301.6	1371.1	1432.0
-25°	535.2	624.7	710.7	795.9	881.1	962.1	1039.9	1113.3	1182.9	1244.0	1298.1
-27.5°	477.2	558.2	639.0	717.2	795.5	870.9	940.5	1005.5	1066.3	1119.5	1168.0
-30°	417.1	490.3	564.4	636.9	708.0	777.0	841.2	899.7	952.7	999.7	1042.2
-32.5°	369.9	423.5	489.6	555.6	620.8	683.7	742.2	795.3	842.2	884.5	921.3
-35°	325.0	369.6	416.8	475.7	532.7	589.9	643.2	691.9	734.6	772.3	804.3
-37.5°	285.9	321.1	360.0	400.3	449.1	496.8	544.0	588.5	627.8	661.2	689.2
-40°	251.5	278.8	309.8	340.8	376.4	409.8	450.1	486.7	520.0	550.5	575.5
-42.5°	220.5	243.4	266.5	292.1	316.9	343.0	370.6	395.2	422.0	447.6	468.3
-45°	195.6	212.7	230.3	250.6	269.3	289.8	308.8	325.9	346.1	363.9	378.3
-47.5°	173.1	186.6	201.1	215.5	230.2	246.2	260.5	273.7	288.0	300.4	310.3
-50°	152.9	163.8	175.6	186.5	198.3	209.9	220.7	231.2	241.4	250.2	257.3
-52.5°	135.0	144.3	153.3	162.1	171.5	179.9	187.5	196.2	203.8	210.2	215.1
-55°	120.1	127.3	134.0	141.5	148.8	155.4	161.5	167.7	173.3	178.3	182.2
-57.5°	106.3	112.2	117.8	123.7	129.3	134.5	139.5	144.2	148.2	151.6	154.4
-60°	93.6	98.4	103.4	108.0	112.3	116.3	120.4	124.0	127.2	129.8	131.8
-62.5°	81.6	86.0	89.7	93.3	97.1	100.7	103.0	105.3	107.5	109.6	111.4
-65°	69.2	72.8	76.1	78.8	81.1	83.7	86.0	87.8	89.1	90.0	90.8
-67.5°	58.7	61.1	63.4	65.5	67.6	69.6	71.3	72.8	73.9	74.7	75.1
-70°	49.3	51.3	53.3	55.2	56.9	58.4	59.5	60.4	61.2	61.4	61.3
-72.5°	40.8	42.8	44.7	46.5	48.0	49.1	49.8	50.4	50.8	49.4	47.4
-75°	33.1	35.0	36.8	38.4	39.9	40.7	41.1	41.5	41.8	39.4	36.2
-77.5°	26.4	28.0	29.2	30.5	31.7	32.1	32.3	32.5	32.6	30.2	27.2
-80°	19.0	20.2	21.2	22.1	23.1	23.3	23.3	23.1	22.9	20.9	18.7
-82.5°	12.1	12.6	13.1	13.6	14.1	14.5	14.7	14.9	15.0	13.6	12.0
-85°	5.9	6.1	6.1	6.2	6.2	6.4	6.6	6.7	6.9	6.2	5.5
-87.5°	1.3	1.3	1.3	1.2	1.2	1.2	1.1	1.1	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



REPORT NUMBER: P626553 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA1A-730-U-WR-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°	0.8	0.7	0.6	0.5	0.6	0.7	0.8	0.9	1.0	1.1	1.1
85°	4.8	4.0	3.9	3.8	3.9	4.0	4.8	5.5	6.2	6.9	6.7
82.5°	10.3	8.6	8.3	8.0	8.3	8.6	10.3	12.0	13.6	15.0	14.9
80°	16.4	14.1	13.6	13.2	13.6	14.1	16.4	18.7	20.9	22.9	23.1
77.5°	24.1	20.8	19.9	19.0	19.9	20.8	24.1	27.2	30.2	32.6	32.5
75°	32.9	29.4	28.3	27.2	28.3	29.4	32.9	36.2	39.4	41.8	41.5
72.5°	45.4	43.3	41.2	38.9	41.2	43.3	45.4	47.4	49.4	50.8	50.4
70°	61.3	61.1	60.6	59.7	60.6	61.1	61.3	61.3	61.4	61.2	60.4
67.5°	75.3	75.2	75.4	75.5	75.4	75.2	75.3	75.1	74.7	73.9	72.8
65°	91.4	91.5	91.9	92.1	91.9	91.5	91.4	90.8	90.0	89.1	87.8
62.5°	112.8	113.7	114.2	114.2	114.2	113.7	112.8	111.4	109.6	107.5	105.3
60°	133.3	134.3	134.9	135.0	134.9	134.3	133.3	131.8	129.8	127.2	124.0
57.5°	156.6	158.2	159.0	159.1	159.0	158.2	156.6	154.4	151.6	148.2	144.2
55°	185.2	187.3	188.3	188.2	188.3	187.3	185.2	182.2	178.3	173.3	167.7
52.5°	218.9	221.4	223.3	224.5	223.3	221.4	218.9	215.1	210.2	203.8	196.2
50°	262.7	266.4	268.7	269.6	268.7	266.4	262.7	257.3	250.2	241.4	231.2
47.5°	317.5	322.4	326.0	328.5	326.0	322.4	317.5	310.3	300.4	288.0	273.7
45°	388.9	396.3	401.4	404.3	401.4	396.3	388.9	378.3	363.9	346.1	325.9
42.5°	484.4	495.9	503.0	505.7	503.0	495.9	484.4	468.3	447.6	422.0	395.2
40°	595.2	609.0	618.1	624.4	618.1	609.0	595.2	575.5	550.5	520.0	486.7
37.5°	710.7	725.2	734.1	740.1	734.1	725.2	710.7	689.2	661.2	627.8	588.5
35°	828.5	843.7	852.0	856.6	852.0	843.7	828.5	804.3	772.3	734.6	691.9
32.5°	949.4	966.1	975.2	984.5	975.2	966.1	949.4	921.3	884.5	842.2	795.3
30°	1075.7	1095.0	1104.4	1108.9	1104.4	1095.0	1075.7	1042.2	999.7	952.7	899.7
27.5°	1207.1	1231.1	1242.9	1250.7	1242.9	1231.1	1207.1	1168.0	1119.5	1066.3	1005.5
25°	1343.8	1373.5	1387.1	1399.2	1387.1	1373.5	1343.8	1298.1	1244.0	1182.9	1113.3
22.5°	1485.7	1522.7	1538.4	1547.0	1538.4	1522.7	1485.7	1432.0	1371.1	1301.6	1223.7
20°	1631.3	1675.5	1697.3	1708.5	1697.3	1675.5	1631.3	1570.3	1499.8	1419.5	1332.7
17.5°	1780.1	1835.1	1863.3	1869.8	1863.3	1835.1	1780.1	1711.4	1629.6	1538.2	1439.0
15°	1926.3	1985.8	2019.1	2031.3	2019.1	1985.8	1926.3	1848.8	1757.4	1653.7	1542.0
12.5°	2064.7	2126.4	2166.2	2173.3	2166.2	2126.4	2064.7	1980.7	1882.1	1762.3	1638.7
10°	2190.2	2254.1	2298.1	2308.1	2298.1	2254.1	2190.2	2097.5	1984.7	1857.7	1721.5
7.5°	2295.1	2365.2	2413.8	2422.3	2413.8	2365.2	2295.1	2196.4	2071.5	1934.6	1789.3
5°	2372.0	2455.2	2495.0	2505.0	2495.0	2455.2	2372.0	2264.1	2134.7	1990.7	1838.8
2.5°	2414.1	2498.8	2554.2	2547.8	2554.2	2498.8	2414.1	2306.3	2173.4	2024.1	1868.2
0°	2418.8	2507.4	2560.4	2584.9	2560.4	2507.4	2418.8	2315.4	2182.9	2035.7	1873.6
-2.5°	2414.1	2498.8	2554.2	2547.8	2554.2	2498.8	2414.1	2306.3	2173.4	2024.1	1868.2
-5°	2372.0	2455.2	2495.0	2505.0	2495.0	2455.2	2372.0	2264.1	2134.7	1990.7	1838.8
-7.5°	2295.1	2365.2	2413.8	2422.3	2413.8	2365.2	2295.1	2196.4	2071.5	1934.6	1789.3
-10°	2190.2	2254.1	2298.1	2308.1	2298.1	2254.1	2190.2	2097.5	1984.7	1857.7	1721.5
-12.5°	2064.7	2126.4	2166.2	2173.3	2166.2	2126.4	2064.7	1980.7	1882.1	1762.3	1638.7
-15°	1926.3	1985.8	2019.1	2031.3	2019.1	1985.8	1926.3	1848.8	1757.4	1653.7	1542.0
-17.5°	1780.1	1835.1	1863.3	1869.8	1863.3	1835.1	1780.1	1711.4	1629.6	1538.2	1439.0
-20°	1631.3	1675.5	1697.3	1708.5	1697.3	1675.5	1631.3	1570.3	1499.8	1419.5	1332.7



REPORT NUMBER: P626553 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA1A-730-U-WR-XX

CANDELA DISTRIBUTION (continued):

	-7.5°	-5°	-2.5°	0°	2.5°	5°	7.5°	10°	12.5°	15°	17.5°
-22.5°	1485.7	1522.7	1538.4	1547.0	1538.4	1522.7	1485.7	1432.0	1371.1	1301.6	1223.7
-25°	1343.8	1373.5	1387.1	1399.2	1387.1	1373.5	1343.8	1298.1	1244.0	1182.9	1113.3
-27.5°	1207.1	1231.1	1242.9	1250.7	1242.9	1231.1	1207.1	1168.0	1119.5	1066.3	1005.5
-30°	1075.7	1095.0	1104.4	1108.9	1104.4	1095.0	1075.7	1042.2	999.7	952.7	899.7
-32.5°	949.4	966.1	975.2	984.5	975.2	966.1	949.4	921.3	884.5	842.2	795.3
-35°	828.5	843.7	852.0	856.6	852.0	843.7	828.5	804.3	772.3	734.6	691.9
-37.5°	710.7	725.2	734.1	740.1	734.1	725.2	710.7	689.2	661.2	627.8	588.5
-40°	595.2	609.0	618.1	624.4	618.1	609.0	595.2	575.5	550.5	520.0	486.7
-42.5°	484.4	495.9	503.0	505.7	503.0	495.9	484.4	468.3	447.6	422.0	395.2
-45°	388.9	396.3	401.4	404.3	401.4	396.3	388.9	378.3	363.9	346.1	325.9
-47.5°	317.5	322.4	326.0	328.5	326.0	322.4	317.5	310.3	300.4	288.0	273.7
-50°	262.7	266.4	268.7	269.6	268.7	266.4	262.7	257.3	250.2	241.4	231.2
-52.5°	218.9	221.4	223.3	224.5	223.3	221.4	218.9	215.1	210.2	203.8	196.2
-55°	185.2	187.3	188.3	188.2	188.3	187.3	185.2	182.2	178.3	173.3	167.7
-57.5°	156.6	158.2	159.0	159.1	159.0	158.2	156.6	154.4	151.6	148.2	144.2
-60°	133.3	134.3	134.9	135.0	134.9	134.3	133.3	131.8	129.8	127.2	124.0
-62.5°	112.8	113.7	114.2	114.2	114.2	113.7	112.8	111.4	109.6	107.5	105.3
-65°	91.4	91.5	91.9	92.1	91.9	91.5	91.4	90.8	90.0	89.1	87.8
-67.5°	75.3	75.2	75.4	75.5	75.4	75.2	75.3	75.1	74.7	73.9	72.8
-70°	61.3	61.1	60.6	59.7	60.6	61.1	61.3	61.3	61.4	61.2	60.4
-72.5°	45.4	43.3	41.2	38.9	41.2	43.3	45.4	47.4	49.4	50.8	50.4
-75°	32.9	29.4	28.3	27.2	28.3	29.4	32.9	36.2	39.4	41.8	41.5
-77.5°	24.1	20.8	19.9	19.0	19.9	20.8	24.1	27.2	30.2	32.6	32.5
-80°	16.4	14.1	13.6	13.2	13.6	14.1	16.4	18.7	20.9	22.9	23.1
-82.5°	10.3	8.6	8.3	8.0	8.3	8.6	10.3	12.0	13.6	15.0	14.9
-85°	4.8	4.0	3.9	3.8	3.9	4.0	4.8	5.5	6.2	6.9	6.7
-87.5°	0.8	0.7	0.6	0.5	0.6	0.7	0.8	0.9	1.0	1.1	1.1
-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: P626553 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA1A-730-U-WR-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°	1.1	1.2	1.2	1.2	1.3	1.3	1.3	1.3	1.2	1.2	1.1
85°	6.6	6.4	6.2	6.2	6.1	6.1	5.9	5.3	4.7	4.2	3.7
82.5°	14.7	14.5	14.1	13.6	13.1	12.6	12.1	10.8	9.6	8.4	7.4
80°	23.3	23.3	23.1	22.1	21.2	20.2	19.0	17.0	15.0	13.2	11.9
77.5°	32.3	32.1	31.7	30.5	29.2	28.0	26.4	23.8	21.2	18.7	17.0
75°	41.1	40.7	39.9	38.4	36.8	35.0	33.1	30.9	28.3	25.3	23.2
72.5°	49.8	49.1	48.0	46.5	44.7	42.8	40.8	38.6	36.1	33.2	31.0
70°	59.5	58.4	56.9	55.2	53.3	51.3	49.3	47.0	44.4	41.5	39.2
67.5°	71.3	69.6	67.6	65.5	63.4	61.1	58.7	56.1	53.4	50.4	47.5
65°	86.0	83.7	81.1	78.8	76.1	72.8	69.2	66.0	62.9	59.5	55.8
62.5°	103.0	100.7	97.1	93.3	89.7	86.0	81.6	77.2	72.9	68.7	64.2
60°	120.4	116.3	112.3	108.0	103.4	98.4	93.6	88.5	83.3	78.1	72.8
57.5°	139.5	134.5	129.3	123.7	117.8	112.2	106.3	100.1	94.1	87.8	81.5
55°	161.5	155.4	148.8	141.5	134.0	127.3	120.1	113.0	105.7	97.8	90.9
52.5°	187.5	179.9	171.5	162.1	153.3	144.3	135.0	126.9	118.0	109.3	100.6
50°	220.7	209.9	198.3	186.5	175.6	163.8	152.9	142.1	131.3	121.2	111.1
47.5°	260.5	246.2	230.2	215.5	201.1	186.6	173.1	158.9	146.6	133.8	122.6
45°	308.8	289.8	269.3	250.6	230.3	212.7	195.6	179.3	163.1	148.7	134.3
42.5°	370.6	343.0	316.9	292.1	266.5	243.4	220.5	201.2	182.2	164.4	148.2
40°	450.1	409.8	376.4	340.8	309.8	278.8	251.5	224.7	203.1	182.0	162.2
37.5°	544.0	496.8	449.1	400.3	360.0	321.1	285.9	254.4	225.0	201.0	178.2
35°	643.2	589.9	532.7	475.7	416.8	369.6	325.0	286.1	251.9	220.9	194.6
32.5°	742.2	683.7	620.8	555.6	489.6	423.5	369.9	321.8	278.9	243.6	212.5
30°	841.2	777.0	708.0	636.9	564.4	490.3	417.1	360.9	310.6	266.3	230.5
27.5°	940.5	870.9	795.5	717.2	639.0	558.2	477.2	401.3	342.5	292.5	250.3
25°	1039.9	962.1	881.1	795.9	710.7	624.7	535.2	450.6	378.3	318.7	268.6
22.5°	1139.6	1052.3	961.9	870.5	778.8	686.9	593.2	499.0	412.2	345.3	289.9
20°	1238.1	1140.1	1041.1	942.0	843.2	744.9	647.0	546.4	452.1	372.8	309.8
17.5°	1333.0	1224.1	1116.7	1009.2	903.5	799.4	695.2	590.1	487.7	397.4	327.4
15°	1423.4	1304.5	1187.9	1072.5	958.5	846.6	737.9	628.5	520.0	423.0	346.7
12.5°	1508.7	1378.9	1251.8	1126.6	1005.5	888.2	775.2	662.2	550.5	447.9	363.9
10°	1581.5	1442.3	1305.5	1173.4	1046.2	923.6	806.0	690.7	576.7	468.6	378.0
7.5°	1640.7	1493.2	1349.1	1210.5	1078.1	951.8	829.8	712.6	597.4	484.8	388.8
5°	1684.0	1530.7	1381.3	1237.9	1100.2	972.4	846.5	727.6	612.4	496.3	396.4
2.5°	1710.8	1553.4	1400.4	1254.5	1113.0	984.7	856.3	736.6	620.9	502.7	401.1
0°	1715.8	1564.0	1406.5	1256.3	1120.4	988.3	858.8	739.9	623.1	504.0	402.6
-2.5°	1710.8	1553.4	1400.4	1254.5	1113.0	984.7	856.3	736.6	620.9	502.7	401.1
-5°	1684.0	1530.7	1381.3	1237.9	1100.2	972.4	846.5	727.6	612.4	496.3	396.4
-7.5°	1640.7	1493.2	1349.1	1210.5	1078.1	951.8	829.8	712.6	597.4	484.8	388.8
-10°	1581.5	1442.3	1305.5	1173.4	1046.2	923.6	806.0	690.7	576.7	468.6	378.0
-12.5°	1508.7	1378.9	1251.8	1126.6	1005.5	888.2	775.2	662.2	550.5	447.9	363.9
-15°	1423.4	1304.5	1187.9	1072.5	958.5	846.6	737.9	628.5	520.0	423.0	346.7
-17.5°	1333.0	1224.1	1116.7	1009.2	903.5	799.4	695.2	590.1	487.7	397.4	327.4
-20°	1238.1	1140.1	1041.1	942.0	843.2	744.9	647.0	546.4	452.1	372.8	309.8

Classified

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

Scaled Data Report



REPORT NUMBER: P626553 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA1A-730-U-WR-XX

CANDELA DISTRIBUTION (continued):

	20°	22.5°	25°	27.5°	30°	32.5°	35°	37.5°	40°	42.5°	45°
-22.5°	1139.6	1052.3	961.9	870.5	778.8	686.9	593.2	499.0	412.2	345.3	289.9
-25°	1039.9	962.1	881.1	795.9	710.7	624.7	535.2	450.6	378.3	318.7	268.6
-27.5°	940.5	870.9	795.5	717.2	639.0	558.2	477.2	401.3	342.5	292.5	250.3
-30°	841.2	777.0	708.0	636.9	564.4	490.3	417.1	360.9	310.6	266.3	230.5
-32.5°	742.2	683.7	620.8	555.6	489.6	423.5	369.9	321.8	278.9	243.6	212.5
-35°	643.2	589.9	532.7	475.7	416.8	369.6	325.0	286.1	251.9	220.9	194.6
-37.5°	544.0	496.8	449.1	400.3	360.0	321.1	285.9	254.4	225.0	201.0	178.2
-40°	450.1	409.8	376.4	340.8	309.8	278.8	251.5	224.7	203.1	182.0	162.2
-42.5°	370.6	343.0	316.9	292.1	266.5	243.4	220.5	201.2	182.2	164.4	148.2
-45°	308.8	289.8	269.3	250.6	230.3	212.7	195.6	179.3	163.1	148.7	134.3
-47.5°	260.5	246.2	230.2	215.5	201.1	186.6	173.1	158.9	146.6	133.8	122.6
-50°	220.7	209.9	198.3	186.5	175.6	163.8	152.9	142.1	131.3	121.2	111.1
-52.5°	187.5	179.9	171.5	162.1	153.3	144.3	135.0	126.9	118.0	109.3	100.6
-55°	161.5	155.4	148.8	141.5	134.0	127.3	120.1	113.0	105.7	97.8	90.9
-57.5°	139.5	134.5	129.3	123.7	117.8	112.2	106.3	100.1	94.1	87.8	81.5
-60°	120.4	116.3	112.3	108.0	103.4	98.4	93.6	88.5	83.3	78.1	72.8
-62.5°	103.0	100.7	97.1	93.3	89.7	86.0	81.6	77.2	72.9	68.7	64.2
-65°	86.0	83.7	81.1	78.8	76.1	72.8	69.2	66.0	62.9	59.5	55.8
-67.5°	71.3	69.6	67.6	65.5	63.4	61.1	58.7	56.1	53.4	50.4	47.5
-70°	59.5	58.4	56.9	55.2	53.3	51.3	49.3	47.0	44.4	41.5	39.2
-72.5°	49.8	49.1	48.0	46.5	44.7	42.8	40.8	38.6	36.1	33.2	31.0
-75°	41.1	40.7	39.9	38.4	36.8	35.0	33.1	30.9	28.3	25.3	23.2
-77.5°	32.3	32.1	31.7	30.5	29.2	28.0	26.4	23.8	21.2	18.7	17.0
-80°	23.3	23.3	23.1	22.1	21.2	20.2	19.0	17.0	15.0	13.2	11.9
-82.5°	14.7	14.5	14.1	13.6	13.1	12.6	12.1	10.8	9.6	8.4	7.4
-85°	6.6	6.4	6.2	6.2	6.1	6.1	5.9	5.3	4.7	4.2	3.7
-87.5°	1.1	1.2	1.2	1.2	1.3	1.3	1.3	1.3	1.2	1.2	1.1
-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: P626553 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA1A-730-U-WR-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°	1.3	1.4	1.5	1.5	1.6	1.6	1.6	1.6	1.5	1.5	1.3
85°	3.8	3.9	3.9	3.8	3.5	3.3	3.3	3.2	3.1	2.9	2.7
82.5°	7.7	7.9	8.0	8.0	7.5	7.0	6.4	5.8	5.2	4.5	4.0
80°	12.4	12.6	12.7	12.5	11.6	10.6	9.8	9.0	8.1	7.2	6.1
77.5°	17.4	17.6	17.7	17.4	16.2	15.0	13.7	12.3	11.1	9.9	8.6
75°	22.8	22.9	22.8	22.3	20.9	19.3	17.7	16.0	14.3	12.7	11.1
72.5°	29.8	28.9	28.1	27.2	25.7	23.9	21.9	19.7	17.5	15.4	13.5
70°	37.2	35.1	33.6	32.1	30.4	28.6	26.4	23.5	20.6	18.2	15.9
67.5°	44.9	42.4	39.8	37.2	35.1	33.0	30.7	27.3	23.9	20.8	18.1
65°	52.3	49.3	46.4	43.0	39.9	37.4	34.8	30.9	27.0	23.4	20.3
62.5°	59.9	55.7	52.1	48.4	44.8	41.6	38.7	34.3	30.0	25.9	22.4
60°	67.6	62.7	57.8	53.6	49.5	45.6	42.0	37.6	32.9	28.3	24.4
57.5°	75.6	69.8	64.2	58.8	54.1	49.6	45.2	40.6	35.7	30.7	26.1
55°	83.7	77.1	70.5	64.4	58.7	53.7	48.5	43.4	38.4	33.1	27.6
52.5°	92.4	84.7	77.3	70.1	63.6	57.7	52.0	46.3	40.9	35.4	29.1
50°	101.6	92.7	84.2	76.2	68.4	61.8	55.4	49.3	43.4	37.6	30.5
47.5°	111.3	101.1	91.5	82.3	73.9	65.8	59.0	52.4	45.8	39.7	31.9
45°	121.9	109.8	99.0	89.0	79.2	70.4	62.5	55.3	48.5	41.3	33.1
42.5°	132.6	119.3	106.8	95.4	84.9	75.0	65.9	58.3	51.0	42.7	34.2
40°	144.9	128.9	114.6	102.2	90.5	79.4	69.8	61.3	53.4	44.1	35.4
37.5°	156.9	139.2	123.2	108.8	96.1	84.4	73.6	64.0	55.2	45.7	36.4
35°	171.1	149.9	131.3	115.7	101.8	89.1	77.1	66.9	57.2	47.1	37.3
32.5°	184.9	160.8	140.5	122.8	107.2	93.5	80.9	69.8	59.3	48.6	38.1
30°	200.0	172.6	149.1	129.5	112.6	98.1	84.7	72.5	61.4	49.9	38.9
27.5°	214.5	183.5	157.5	136.5	118.3	102.4	88.2	75.1	63.5	51.3	39.8
25°	228.9	195.3	166.8	143.2	123.5	106.3	91.4	77.5	65.6	52.8	40.7
22.5°	244.5	206.7	175.2	149.3	128.2	109.9	94.4	80.1	67.4	54.3	41.4
20°	258.9	217.0	182.7	155.1	132.9	113.7	97.3	82.4	69.1	55.7	42.1
17.5°	272.4	227.5	191.0	161.3	137.4	117.2	99.9	84.5	70.6	57.0	42.6
15°	286.6	237.9	198.4	166.7	141.2	120.1	102.0	86.3	71.9	58.1	43.1
12.5°	298.8	246.6	204.7	171.3	144.4	122.5	103.8	87.7	73.0	59.1	43.5
10°	308.8	253.8	209.8	175.0	147.0	124.5	105.3	88.9	73.9	59.9	43.8
7.5°	316.6	259.2	213.6	177.8	149.0	126.1	106.5	89.9	74.6	60.4	43.8
5°	322.1	263.0	216.4	179.7	150.5	127.2	107.4	90.5	75.1	60.7	43.7
2.5°	324.9	265.2	218.2	180.8	151.4	127.8	107.9	90.8	75.3	60.7	43.4
0°	325.4	265.6	218.7	180.9	151.6	127.9	108.0	90.8	75.3	60.5	42.9
-2.5°	324.9	265.2	218.2	180.8	151.4	127.8	107.9	90.8	75.3	60.7	43.4
-5°	322.1	263.0	216.4	179.7	150.5	127.2	107.4	90.5	75.1	60.7	43.7
-7.5°	316.6	259.2	213.6	177.8	149.0	126.1	106.5	89.9	74.6	60.4	43.8
-10°	308.8	253.8	209.8	175.0	147.0	124.5	105.3	88.9	73.9	59.9	43.8
-12.5°	298.8	246.6	204.7	171.3	144.4	122.5	103.8	87.7	73.0	59.1	43.5
-15°	286.6	237.9	198.4	166.7	141.2	120.1	102.0	86.3	71.9	58.1	43.1
-17.5°	272.4	227.5	191.0	161.3	137.4	117.2	99.9	84.5	70.6	57.0	42.6
-20°	258.9	217.0	182.7	155.1	132.9	113.7	97.3	82.4	69.1	55.7	42.1

Classified

Cooper Lighting Solutions Photometric Lab
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Scaled Data Report



REPORT NUMBER: P626553 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA1A-730-U-WR-XX

CANDELA DISTRIBUTION (continued):

	47.5°	50°	52.5°	55°	57.5°	60°	62.5°	65°	67.5°	70°	72.5°
-22.5°	244.5	206.7	175.2	149.3	128.2	109.9	94.4	80.1	67.4	54.3	41.4
-25°	228.9	195.3	166.8	143.2	123.5	106.3	91.4	77.5	65.6	52.8	40.7
-27.5°	214.5	183.5	157.5	136.5	118.3	102.4	88.2	75.1	63.5	51.3	39.8
-30°	200.0	172.6	149.1	129.5	112.6	98.1	84.7	72.5	61.4	49.9	38.9
-32.5°	184.9	160.8	140.5	122.8	107.2	93.5	80.9	69.8	59.3	48.6	38.1
-35°	171.1	149.9	131.3	115.7	101.8	89.1	77.1	66.9	57.2	47.1	37.3
-37.5°	156.9	139.2	123.2	108.8	96.1	84.4	73.6	64.0	55.2	45.7	36.4
-40°	144.9	128.9	114.6	102.2	90.5	79.4	69.8	61.3	53.4	44.1	35.4
-42.5°	132.6	119.3	106.8	95.4	84.9	75.0	65.9	58.3	51.0	42.7	34.2
-45°	121.9	109.8	99.0	89.0	79.2	70.4	62.5	55.3	48.5	41.3	33.1
-47.5°	111.3	101.1	91.5	82.3	73.9	65.8	59.0	52.4	45.8	39.7	31.9
-50°	101.6	92.7	84.2	76.2	68.4	61.8	55.4	49.3	43.4	37.6	30.5
-52.5°	92.4	84.7	77.3	70.1	63.6	57.7	52.0	46.3	40.9	35.4	29.1
-55°	83.7	77.1	70.5	64.4	58.7	53.7	48.5	43.4	38.4	33.1	27.6
-57.5°	75.6	69.8	64.2	58.8	54.1	49.6	45.2	40.6	35.7	30.7	26.1
-60°	67.6	62.7	57.8	53.6	49.5	45.6	42.0	37.6	32.9	28.3	24.4
-62.5°	59.9	55.7	52.1	48.4	44.8	41.6	38.7	34.3	30.0	25.9	22.4
-65°	52.3	49.3	46.4	43.0	39.9	37.4	34.8	30.9	27.0	23.4	20.3
-67.5°	44.9	42.4	39.8	37.2	35.1	33.0	30.7	27.3	23.9	20.8	18.1
-70°	37.2	35.1	33.6	32.1	30.4	28.6	26.4	23.5	20.6	18.2	15.9
-72.5°	29.8	28.9	28.1	27.2	25.7	23.9	21.9	19.7	17.5	15.4	13.5
-75°	22.8	22.9	22.8	22.3	20.9	19.3	17.7	16.0	14.3	12.7	11.1
-77.5°	17.4	17.6	17.7	17.4	16.2	15.0	13.7	12.3	11.1	9.9	8.6
-80°	12.4	12.6	12.7	12.5	11.6	10.6	9.8	9.0	8.1	7.2	6.1
-82.5°	7.7	7.9	8.0	8.0	7.5	7.0	6.4	5.8	5.2	4.5	4.0
-85°	3.8	3.9	3.9	3.8	3.5	3.3	3.3	3.2	3.1	2.9	2.7
-87.5°	1.3	1.4	1.5	1.5	1.6	1.6	1.6	1.6	1.5	1.5	1.3
-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: P626553 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA1A-730-U-WR-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°	1.2	1.0	0.7	0.5	0.3	0.1	0.0
85°	2.4	1.9	1.4	1.0	0.6	0.3	0.0
82.5°	3.6	2.8	2.1	1.5	0.9	0.4	0.0
80°	4.9	3.8	2.8	2.0	1.2	0.5	0.0
77.5°	7.1	4.9	3.5	2.4	1.5	0.7	0.0
75°	9.1	6.4	4.2	2.9	1.8	0.8	0.0
72.5°	11.1	7.9	5.3	3.4	2.1	0.9	0.0
70°	13.0	9.3	6.3	3.9	2.4	1.0	0.0
67.5°	14.7	10.7	7.2	4.5	2.6	1.2	0.0
65°	16.3	11.9	8.1	5.0	2.9	1.3	0.0
62.5°	17.8	13.1	8.9	5.6	3.1	1.4	0.0
60°	19.2	14.1	9.7	6.1	3.4	1.5	0.0
57.5°	20.4	15.1	10.4	6.6	3.7	1.6	0.0
55°	21.6	16.0	11.1	7.0	3.9	1.7	0.0
52.5°	22.6	16.9	11.7	7.4	4.2	1.8	0.0
50°	23.6	17.6	12.3	7.8	4.5	1.9	0.0
47.5°	24.5	18.3	12.8	8.1	4.7	2.0	0.0
45°	25.5	18.9	13.3	8.4	4.9	2.1	0.0
42.5°	26.4	19.5	13.6	8.7	5.2	2.1	0.0
40°	27.2	19.9	14.0	9.0	5.4	2.2	0.0
37.5°	27.8	20.3	14.3	9.4	5.6	2.3	0.0
35°	28.4	20.7	14.5	9.7	5.7	2.3	0.0
32.5°	28.9	21.1	14.7	9.9	5.9	2.4	0.0
30°	29.5	21.4	14.9	10.2	6.1	2.4	0.0
27.5°	30.0	21.6	15.2	10.4	6.2	2.5	0.0
25°	30.3	21.8	15.5	10.6	6.3	2.5	0.0
22.5°	30.6	22.0	15.8	10.8	6.4	2.6	0.0
20°	30.7	22.3	16.0	10.9	6.5	2.6	0.0
17.5°	31.1	22.7	16.2	11.0	6.6	2.6	0.0
15°	31.5	22.9	16.3	11.1	6.6	2.6	0.0
12.5°	31.8	23.1	16.5	11.1	6.6	2.6	0.0
10°	31.9	23.2	16.5	11.2	6.7	2.6	0.0
7.5°	32.0	23.3	16.6	11.2	6.7	2.6	0.0
5°	32.0	23.2	16.5	11.1	6.7	2.6	0.0
2.5°	31.8	23.2	16.5	11.1	6.6	2.6	0.0
0°	31.6	23.0	16.4	11.0	6.6	2.6	0.0
-2.5°	31.8	23.2	16.5	11.1	6.6	2.6	0.0
-5°	32.0	23.2	16.5	11.1	6.7	2.6	0.0
-7.5°	32.0	23.3	16.6	11.2	6.7	2.6	0.0
-10°	31.9	23.2	16.5	11.2	6.7	2.6	0.0
-12.5°	31.8	23.1	16.5	11.1	6.6	2.6	0.0
-15°	31.5	22.9	16.3	11.1	6.6	2.6	0.0
-17.5°	31.1	22.7	16.2	11.0	6.6	2.6	0.0
-20°	30.7	22.3	16.0	10.9	6.5	2.6	0.0

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CATALOG NUMBER: GFLD-SA1A-730-U-WR-XX

CANDELA DISTRIBUTION (continued):

	75°	77.5°	80°	82.5°	85°	87.5°	90°
-22.5°	30.6	22.0	15.8	10.8	6.4	2.6	0.0
-25°	30.3	21.8	15.5	10.6	6.3	2.5	0.0
-27.5°	30.0	21.6	15.2	10.4	6.2	2.5	0.0
-30°	29.5	21.4	14.9	10.2	6.1	2.4	0.0
-32.5°	28.9	21.1	14.7	9.9	5.9	2.4	0.0
-35°	28.4	20.7	14.5	9.7	5.7	2.3	0.0
-37.5°	27.8	20.3	14.3	9.4	5.6	2.3	0.0
-40°	27.2	19.9	14.0	9.0	5.4	2.2	0.0
-42.5°	26.4	19.5	13.6	8.7	5.2	2.1	0.0
-45°	25.5	18.9	13.3	8.4	4.9	2.1	0.0
-47.5°	24.5	18.3	12.8	8.1	4.7	2.0	0.0
-50°	23.6	17.6	12.3	7.8	4.5	1.9	0.0
-52.5°	22.6	16.9	11.7	7.4	4.2	1.8	0.0
-55°	21.6	16.0	11.1	7.0	3.9	1.7	0.0
-57.5°	20.4	15.1	10.4	6.6	3.7	1.6	0.0
-60°	19.2	14.1	9.7	6.1	3.4	1.5	0.0
-62.5°	17.8	13.1	8.9	5.6	3.1	1.4	0.0
-65°	16.3	11.9	8.1	5.0	2.9	1.3	0.0
-67.5°	14.7	10.7	7.2	4.5	2.6	1.2	0.0
-70°	13.0	9.3	6.3	3.9	2.4	1.0	0.0
-72.5°	11.1	7.9	5.3	3.4	2.1	0.9	0.0
-75°	9.1	6.4	4.2	2.9	1.8	0.8	0.0
-77.5°	7.1	4.9	3.5	2.4	1.5	0.7	0.0
-80°	4.9	3.8	2.8	2.0	1.2	0.5	0.0
-82.5°	3.6	2.8	2.1	1.5	0.9	0.4	0.0
-85°	2.4	1.9	1.4	1.0	0.6	0.3	0.0
-87.5°	1.2	1.0	0.7	0.5	0.3	0.1	0.0
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0

(END OF REPORT)