

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: P626665 (CONVERTED FROM TYPE C PHOTOMETRY)

Luminaire Tested: **GFLD-SA1C-730-U-MR-XX**

Issue Date: 12/7/2022

Test Information

Test Method: LM-79-08
Report Number: P626665 (CONVERTED FROM TYPE C PHOTOMETRY)
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G2-2210-813-13)
Test Lab: COOPER LIGHTING SOLUTIONS
Issue Date: 12/7/2022
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: MCGRAW-EDISON
Catalog Number: GFLD-SA1C-730-U-MR-XX
Description: GALLEON FLOOD, ONE LIGHT SQAURE, MEDIUM SYMMETRICAL ROUND N16
Light Source: (16) 3000K CCT, 70 CRI LEDS
Ballast/Driver: -

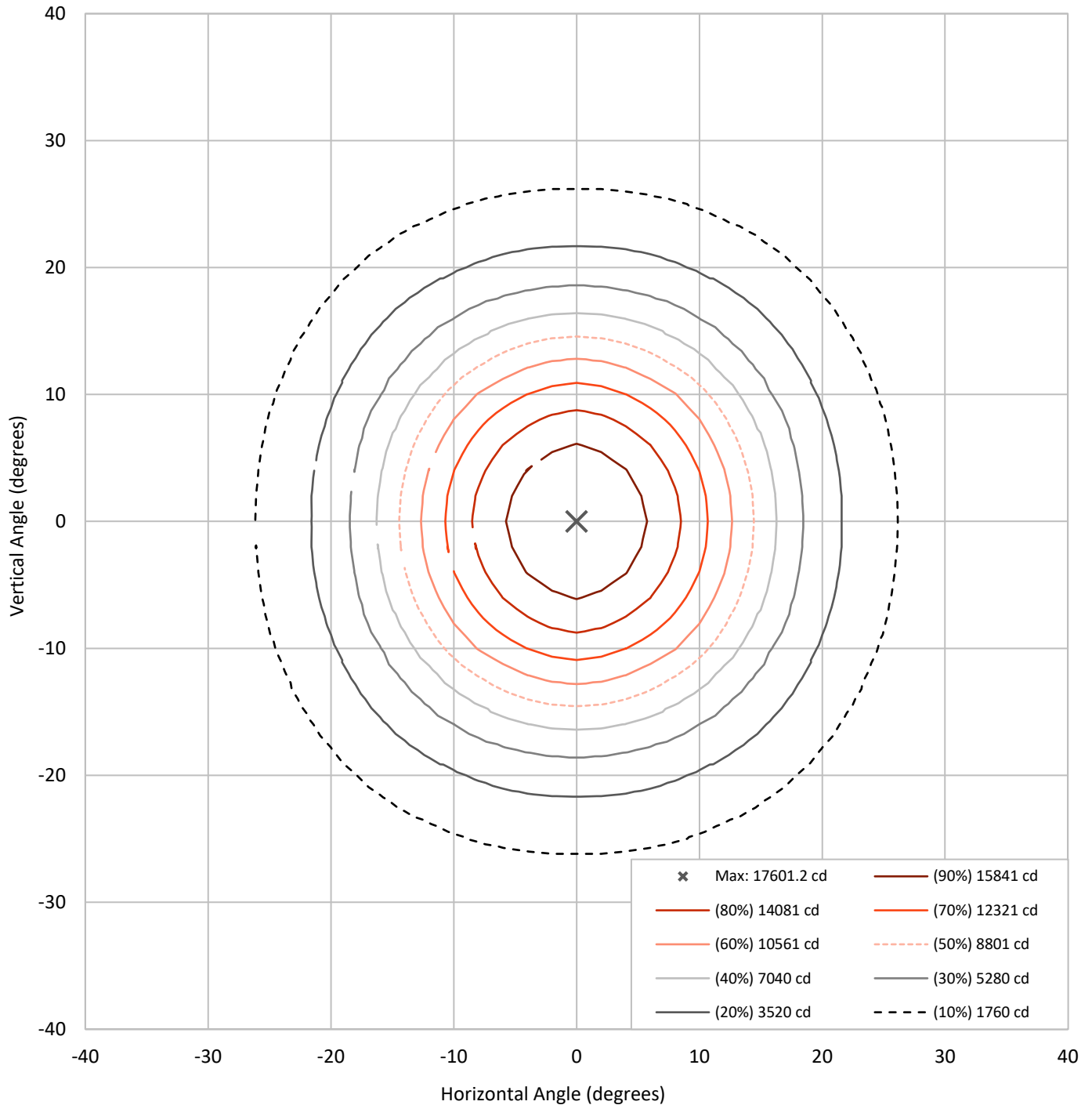
Summary

Lumens per Lamp:	N/A	NEMA Type:	4H x 4V
Luminaire Lumens:	5499.2 lumens	Max Intensity:	17601.2 candela
Efficiency:	N/A	Max Intensity Angle:	0°H x 0°V
Efficacy:	126.4 lumens/watt		
Luminous Opening:	Rectangular (W 0.5' x L: 0.5' x H: 0')		
Beam Angle (50%):	28.8°H x 29°V	Field Angle (10%):	52.3°H x 52.3°V
Beam Lumens:	2673.6 lumens	Field Lumens:	4512 lumens
Beam Efficiency:	48.6%	Field Efficiency:	82.0%
Input Watts (W):	43.5		
Input Voltage (V):	120		
Input Current (Ain):	NR		
Voltage Rise (V):	NR		
Power Factor:	NR		
Total Harmonic Distortion (THDi):	NR		
Frequency (hertz):	60		
Stabilization Time:	NR		
Operation Time:	NR		
Ambient Temperature (°C):	NR		
Test Distance:	25 FT		



REPORT NUMBER: P626665 (CONVERTED FROM TYPE C PHOTOMETRY)
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Iso-Candela Plot





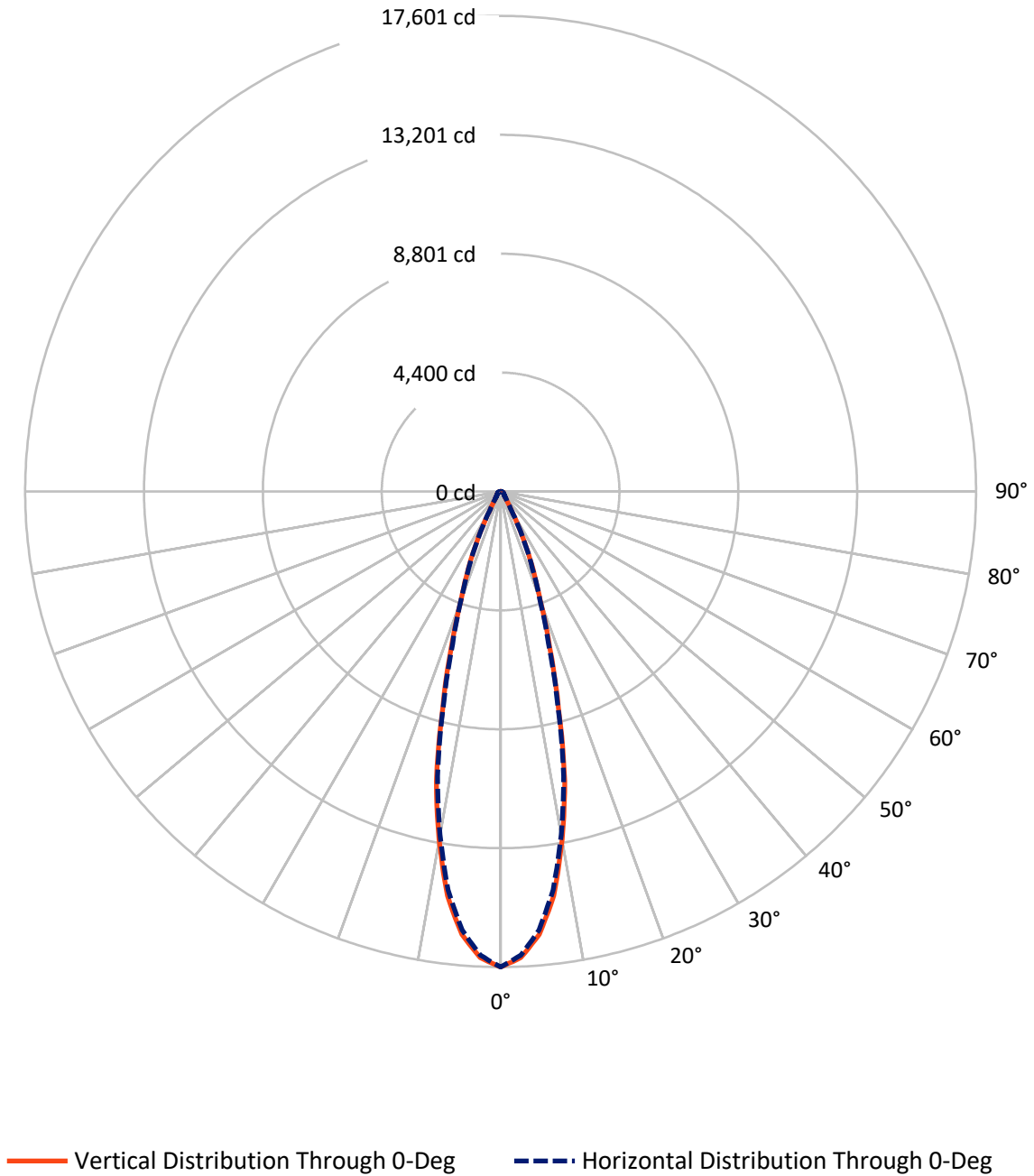
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Lumen Table

90	0.1	0.9	2.4	3.8	4.2	3.8	2.4	0.9	0.1							
80	0.1	0.9	2.4	3.8	4.2	3.8	2.4	0.9	0.1							
70	0.4	0.5	1.0	1.6	2.2	2.7	3.0	3.1	3.1	3.0	2.7	2.2	1.6	1.0	0.5	0.4
60		0.7	1.4	2.3	3.1	3.8	4.2	4.4	4.4	4.2	3.8	3.1	2.3	1.4	0.7	
50	0.7	0.9	1.8	2.8	3.8	4.8	5.6	6.0	6.0	5.6	4.8	3.8	2.8	1.8	0.9	0.7
40		1.1	2.1	3.3	4.6	6.6	9.5	12.4	12.4	9.5	6.6	4.6	3.3	2.1	1.1	
30	0.9	1.2	2.3	3.7	5.9	12.9	36.2	64.2	64.2	36.2	12.9	5.9	3.7	2.3	1.2	0.9
20		1.3	2.5	4.0	8.1	33.8	120.3	230.5	230.5	120.3	33.8	8.1	4.0	2.5	1.3	
10	1.0	1.3	2.5	4.2	10.2	58.3	222.7	438.0	438.0	222.7	58.3	10.2	4.2	2.5	1.3	1.0
0		1.3	2.5	4.2	10.2	58.3	222.7	438.0	438.0	222.7	58.3	10.2	4.2	2.5	1.3	
-10	0.9	1.3	2.5	4.0	8.1	33.8	120.3	230.5	230.5	120.3	33.8	8.1	4.0	2.5	1.3	0.9
-20		1.2	2.3	3.7	5.9	12.9	36.2	64.2	64.2	36.2	12.9	5.9	3.7	2.3	1.2	
-30	0.7	1.1	2.1	3.3	4.6	6.6	9.5	12.4	12.4	9.5	6.6	4.6	3.3	2.1	1.1	0.7
-40		0.9	1.8	2.8	3.8	4.8	5.6	6.0	6.0	5.6	4.8	3.8	2.8	1.8	0.9	
-50	0.4	0.7	1.4	2.3	3.1	3.8	4.2	4.4	4.4	4.2	3.8	3.1	2.3	1.4	0.7	0.4
-60		0.5	1.0	1.6	2.2	2.7	3.0	3.1	3.1	3.0	2.7	2.2	1.6	1.0	0.5	
-70	0.1	0.9	2.4	3.8	4.2	3.8	2.4	0.9	0.1							
-80		0.1	0.9	2.4	3.8	4.2	3.8	2.4	0.9	0.1						
-90	0.1	0.9	2.4	3.8	4.2	3.8	2.4	0.9	0.1							

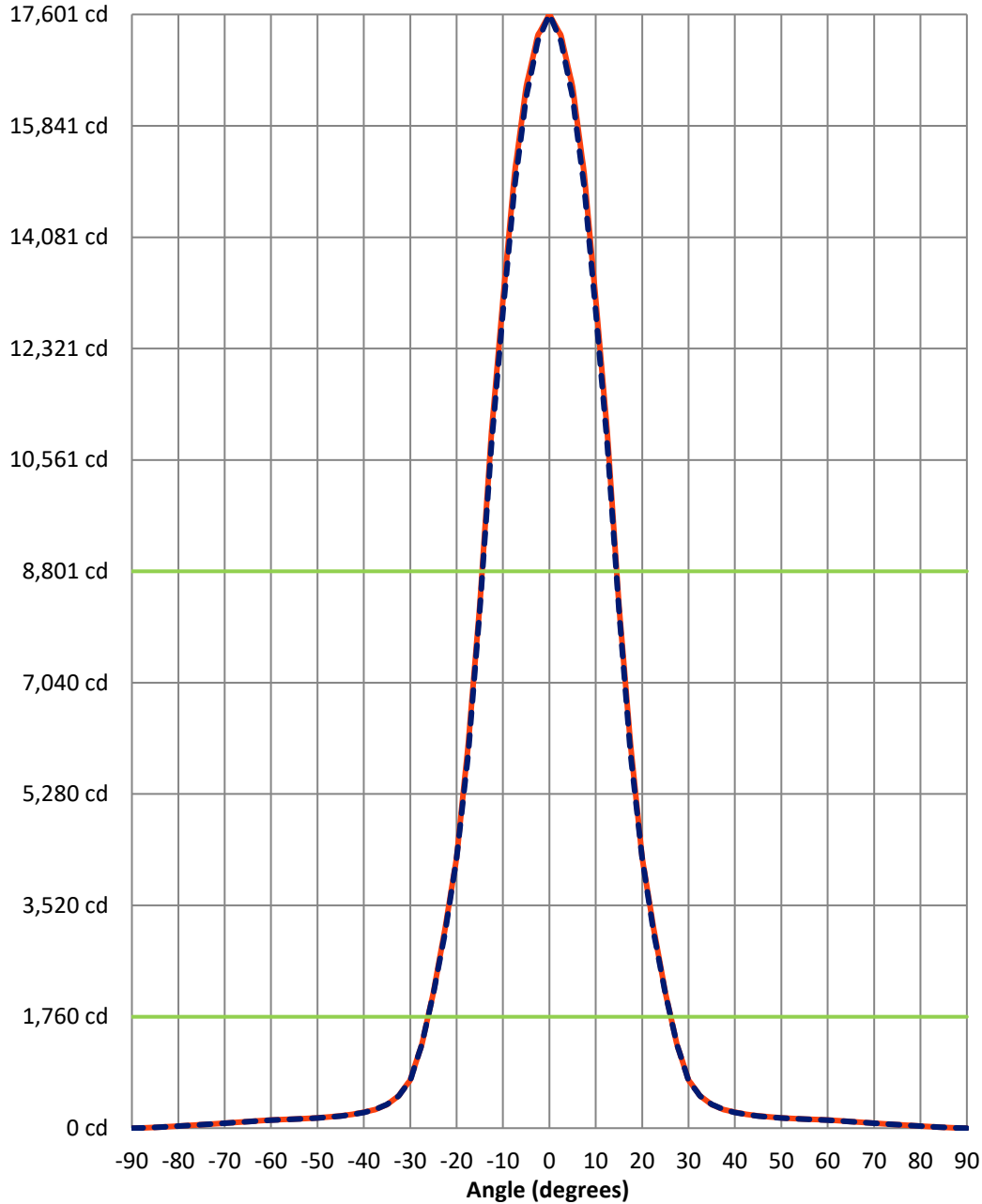
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Luminous Intensity Polar Plot



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Luminous Intensity Plot



Beam:
 H Angle: 28.8°
 V Angle: 29°
 Lumens: 2673.6
 Efficiency: 48.6%

Field:
 H Angle: 52.3°
 V Angle: 52.3°
 Lumens: 4512
 Efficiency: 82.0%

Spill:
 Lumens: 987.2
 Efficiency: 18.0%

— Vertical Distribution through 0-Deg
 - - Horizontal Distribution through 0-Deg

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FIELD
BEAM

CANDELA DISTRIBUTION:

	-90°	-87.5°	-85°	-82.5°	-80°	-77.5°	-75°	-72.5°	-70°	-67.5°	-65°
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
87.5°	0.0	0.2	0.4	0.6	0.8	1.0	1.2	1.4	1.5	1.7	1.9
85°	0.0	0.4	0.8	1.2	1.6	1.9	2.3	2.7	3.1	3.4	3.8
82.5°	0.0	0.6	1.2	1.8	2.3	2.9	3.5	4.0	4.7	5.8	6.9
80°	0.0	0.8	1.6	2.3	3.1	3.9	4.7	6.1	7.6	9.1	10.7
77.5°	0.0	1.0	1.9	2.9	3.9	5.1	6.7	8.5	10.4	12.4	14.5
75°	0.0	1.2	2.3	3.5	4.7	6.7	8.7	10.9	13.2	16.0	18.7
72.5°	0.0	1.4	2.7	4.0	6.1	8.4	10.7	13.4	16.6	19.7	22.8
70°	0.0	1.5	3.1	4.7	7.4	10.0	12.7	16.3	19.8	23.4	27.2
67.5°	0.0	1.7	3.4	5.6	8.6	11.6	15.2	19.1	23.1	27.4	31.7
65°	0.0	1.9	3.8	6.6	9.9	13.4	17.6	21.9	26.6	31.4	36.2
62.5°	0.0	2.1	4.2	7.5	11.1	15.4	20.0	24.8	30.1	35.3	40.8
60°	0.0	2.2	4.5	8.4	12.3	17.3	22.3	27.8	33.5	39.3	45.3
57.5°	0.0	2.4	5.1	9.3	13.8	19.2	24.8	30.7	36.8	43.2	49.8
55°	0.0	2.6	5.7	10.2	15.3	21.1	27.2	33.5	40.1	47.0	54.1
52.5°	0.0	2.7	6.2	11.0	16.8	22.9	29.5	36.3	43.2	50.8	58.4
50°	0.0	2.9	6.7	11.8	18.1	24.7	31.7	38.9	46.3	54.4	62.3
47.5°	0.0	3.0	7.3	12.6	19.5	26.5	33.8	41.5	49.5	58.0	66.0
45°	0.0	3.2	7.8	13.6	20.8	28.1	35.9	43.9	52.5	61.1	69.5
42.5°	0.0	3.3	8.2	14.5	22.0	29.7	37.9	46.4	55.4	64.1	72.7
40°	0.0	3.4	8.7	15.4	23.2	31.2	39.8	48.7	58.1	66.8	75.8
37.5°	0.0	3.6	9.1	16.2	24.3	32.6	41.6	51.0	60.4	69.5	78.6
35°	0.0	3.7	9.5	17.0	25.4	34.0	43.3	53.0	62.6	72.0	81.3
32.5°	0.0	3.8	9.9	17.7	26.4	35.3	45.0	55.0	64.7	74.4	84.0
30°	0.0	3.9	10.3	18.3	27.3	36.6	46.5	56.7	66.6	76.6	86.4
27.5°	0.0	4.0	10.6	18.9	28.1	37.7	47.9	58.2	68.4	78.6	88.7
25°	0.0	4.1	10.9	19.4	28.9	38.8	49.1	59.7	70.0	80.4	90.8
22.5°	0.0	4.2	11.2	19.9	29.6	39.7	50.3	60.9	71.5	82.1	92.8
20°	0.0	4.2	11.4	20.3	30.2	40.5	51.3	62.0	72.8	83.5	94.7
17.5°	0.0	4.3	11.7	20.7	30.8	41.2	52.2	63.0	73.9	84.8	96.3
15°	0.0	4.3	11.9	20.9	31.3	41.8	53.0	63.9	74.9	85.9	97.6
12.5°	0.0	4.4	12.0	21.2	31.8	42.3	53.7	64.8	75.8	86.8	98.7
10°	0.0	4.4	12.2	21.4	32.1	42.6	54.3	65.5	76.6	87.8	99.8
7.5°	0.0	4.5	12.3	21.5	32.4	42.8	54.8	66.0	77.2	88.8	100.9
5°	0.0	4.5	12.3	21.5	32.6	43.0	55.1	66.4	77.6	89.5	101.8
2.5°	0.0	4.5	12.4	21.5	32.8	43.0	55.3	66.6	77.9	90.1	102.4
0°	0.0	4.5	12.4	21.5	32.8	42.9	55.4	66.7	78.0	90.4	102.8
-2.5°	0.0	4.5	12.4	21.5	32.8	43.0	55.3	66.6	77.9	90.1	102.4
-5°	0.0	4.5	12.3	21.5	32.6	43.0	55.1	66.4	77.6	89.5	101.8
-7.5°	0.0	4.5	12.3	21.5	32.4	42.8	54.8	66.0	77.2	88.8	100.9
-10°	0.0	4.4	12.2	21.4	32.1	42.6	54.3	65.5	76.6	87.8	99.8
-12.5°	0.0	4.4	12.0	21.2	31.8	42.3	53.7	64.8	75.8	86.8	98.7
-15°	0.0	4.3	11.9	20.9	31.3	41.8	53.0	63.9	74.9	85.9	97.6
-17.5°	0.0	4.3	11.7	20.7	30.8	41.2	52.2	63.0	73.9	84.8	96.3
-20°	0.0	4.2	11.4	20.3	30.2	40.5	51.3	62.0	72.8	83.5	94.7

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Scaled Data Report



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CATALOG NUMBER: GFLD-SA1C-730-U-MR-XX

CANDELA DISTRIBUTION (continued):

	-90°	-87.5°	-85°	-82.5°	-80°	-77.5°	-75°	-72.5°	-70°	-67.5°	-65°
-22.5°	0.0	4.2	11.2	19.9	29.6	39.7	50.3	60.9	71.5	82.1	92.8
-25°	0.0	4.1	10.9	19.4	28.9	38.8	49.1	59.7	70.0	80.4	90.8
-27.5°	0.0	4.0	10.6	18.9	28.1	37.7	47.9	58.2	68.4	78.6	88.7
-30°	0.0	3.9	10.3	18.3	27.3	36.6	46.5	56.7	66.6	76.6	86.4
-32.5°	0.0	3.8	9.9	17.7	26.4	35.3	45.0	55.0	64.7	74.4	84.0
-35°	0.0	3.7	9.5	17.0	25.4	34.0	43.3	53.0	62.6	72.0	81.3
-37.5°	0.0	3.6	9.1	16.2	24.3	32.6	41.6	51.0	60.4	69.5	78.6
-40°	0.0	3.4	8.7	15.4	23.2	31.2	39.8	48.7	58.1	66.8	75.8
-42.5°	0.0	3.3	8.2	14.5	22.0	29.7	37.9	46.4	55.4	64.1	72.7
-45°	0.0	3.2	7.8	13.6	20.8	28.1	35.9	43.9	52.5	61.1	69.5
-47.5°	0.0	3.0	7.3	12.6	19.5	26.5	33.8	41.5	49.5	58.0	66.0
-50°	0.0	2.9	6.7	11.8	18.1	24.7	31.7	38.9	46.3	54.4	62.3
-52.5°	0.0	2.7	6.2	11.0	16.8	22.9	29.5	36.3	43.2	50.8	58.4
-55°	0.0	2.6	5.7	10.2	15.3	21.1	27.2	33.5	40.1	47.0	54.1
-57.5°	0.0	2.4	5.1	9.3	13.8	19.2	24.8	30.7	36.8	43.2	49.8
-60°	0.0	2.2	4.5	8.4	12.3	17.3	22.3	27.8	33.5	39.3	45.3
-62.5°	0.0	2.1	4.2	7.5	11.1	15.4	20.0	24.8	30.1	35.3	40.8
-65°	0.0	1.9	3.8	6.6	9.9	13.4	17.6	21.9	26.6	31.4	36.2
-67.5°	0.0	1.7	3.4	5.6	8.6	11.6	15.2	19.1	23.1	27.4	31.7
-70°	0.0	1.5	3.1	4.7	7.4	10.0	12.7	16.3	19.8	23.4	27.2
-72.5°	0.0	1.4	2.7	4.0	6.1	8.4	10.7	13.4	16.6	19.7	22.8
-75°	0.0	1.2	2.3	3.5	4.7	6.7	8.7	10.9	13.2	16.0	18.7
-77.5°	0.0	1.0	1.9	2.9	3.9	5.1	6.7	8.5	10.4	12.4	14.5
-80°	0.0	0.8	1.6	2.3	3.1	3.9	4.7	6.1	7.6	9.1	10.7
-82.5°	0.0	0.6	1.2	1.8	2.3	2.9	3.5	4.0	4.7	5.8	6.9
-85°	0.0	0.4	0.8	1.2	1.6	1.9	2.3	2.7	3.1	3.4	3.8
-87.5°	0.0	0.2	0.4	0.6	0.8	1.0	1.2	1.4	1.5	1.7	1.9
-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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CANDELA DISTRIBUTION (continued):

	-62.5°	-60°	-57.5°	-55°	-52.5°	-50°	-47.5°	-45°	-42.5°	-40°	-37.5°
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
87.5°	2.1	2.2	2.4	2.6	2.7	2.9	3.0	3.2	3.3	3.4	3.6
85°	4.2	4.5	5.2	5.8	6.5	7.1	7.7	8.3	8.8	9.3	9.8
82.5°	8.0	9.0	10.0	11.0	12.0	12.9	13.8	14.7	15.5	16.3	17.0
80°	12.1	13.5	14.9	16.2	17.4	18.7	19.9	21.0	22.1	23.3	24.5
77.5°	16.5	18.3	19.9	21.3	22.9	24.8	26.7	28.5	30.2	31.8	33.4
75°	21.0	23.0	25.2	27.4	29.7	32.0	34.2	36.4	38.5	40.6	42.8
72.5°	25.7	28.5	31.1	33.7	36.6	39.4	42.0	44.3	47.0	49.9	52.6
70°	30.8	33.9	37.3	40.6	43.8	47.0	50.2	53.4	56.6	59.7	62.7
67.5°	35.8	39.8	43.7	47.4	51.1	54.8	58.6	62.5	66.3	69.8	73.3
65°	41.2	45.7	50.0	54.2	58.3	62.8	67.3	71.7	76.4	80.8	84.6
62.5°	46.5	51.5	56.2	61.0	66.0	71.0	76.2	81.7	87.3	91.4	94.9
60°	51.5	57.1	62.4	67.9	73.5	79.2	85.2	91.0	96.1	100.6	104.3
57.5°	56.5	62.7	68.6	74.6	80.7	87.2	93.7	99.7	104.5	108.8	112.8
55°	61.2	68.1	74.4	80.8	87.7	95.3	102.1	107.4	112.3	115.8	119.7
52.5°	65.7	73.2	79.8	86.9	94.8	102.7	109.4	114.6	118.7	122.3	126.1
50°	70.1	77.5	84.9	92.9	101.3	109.2	116.0	120.7	124.9	128.7	132.3
47.5°	74.0	81.8	90.0	98.7	107.4	115.2	121.7	126.6	130.9	134.8	138.8
45°	77.7	86.1	94.8	104.3	113.2	120.9	126.9	132.1	136.3	140.7	145.7
42.5°	81.3	90.2	99.7	109.8	118.9	126.0	131.7	136.8	141.5	146.8	152.4
40°	84.7	94.0	104.4	114.9	124.2	130.4	136.1	141.4	146.9	152.9	159.0
37.5°	88.0	98.0	108.7	119.7	128.1	134.5	140.4	146.4	152.5	159.0	166.5
35°	91.0	101.6	112.8	123.5	131.6	138.5	144.9	151.3	158.2	166.1	174.4
32.5°	93.9	104.9	116.7	126.7	134.7	142.1	149.2	156.4	164.3	173.0	182.6
30°	96.7	108.1	120.1	129.9	137.5	145.1	153.4	161.4	170.2	179.9	191.1
27.5°	99.5	111.1	122.9	132.5	139.9	147.7	156.5	166.4	176.0	186.6	199.5
25°	102.0	114.2	125.7	134.5	142.1	150.2	159.4	169.9	181.2	193.8	209.6
22.5°	104.4	117.0	128.3	136.2	143.8	152.4	162.3	173.4	185.7	200.2	219.6
20°	106.7	119.1	130.0	137.8	145.3	154.1	164.8	176.4	190.5	208.1	231.3
17.5°	108.7	121.0	131.3	139.1	146.8	155.9	166.9	179.0	194.8	215.1	242.5
15°	110.3	122.5	132.3	140.1	148.1	157.7	169.1	182.3	199.6	221.9	252.2
12.5°	111.7	123.6	133.2	140.9	149.2	159.1	170.9	185.4	204.3	229.4	265.3
10°	112.8	124.5	133.9	141.3	149.9	160.0	172.3	187.9	208.1	235.6	276.5
7.5°	113.8	125.2	134.4	141.5	150.3	160.5	173.3	189.6	210.9	240.3	285.4
5°	114.6	125.9	134.7	142.0	150.6	160.7	174.0	190.6	212.7	243.3	291.7
2.5°	115.1	126.4	134.7	142.3	150.6	160.7	174.8	191.1	214.6	245.9	295.3
0°	115.2	126.5	134.4	142.4	150.3	160.4	175.1	190.9	215.8	247.4	296.0
-2.5°	115.1	126.4	134.7	142.3	150.6	160.7	174.8	191.1	214.6	245.9	295.3
-5°	114.6	125.9	134.7	142.0	150.6	160.7	174.0	190.6	212.7	243.3	291.7
-7.5°	113.8	125.2	134.4	141.5	150.3	160.5	173.3	189.6	210.9	240.3	285.4
-10°	112.8	124.5	133.9	141.3	149.9	160.0	172.3	187.9	208.1	235.6	276.5
-12.5°	111.7	123.6	133.2	140.9	149.2	159.1	170.9	185.4	204.3	229.4	265.3
-15°	110.3	122.5	132.3	140.1	148.1	157.7	169.1	182.3	199.6	221.9	252.2
-17.5°	108.7	121.0	131.3	139.1	146.8	155.9	166.9	179.0	194.8	215.1	242.5
-20°	106.7	119.1	130.0	137.8	145.3	154.1	164.8	176.4	190.5	208.1	231.3

Classified

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

Scaled Data Report



REPORT NUMBER: P626665 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA1C-730-U-MR-XX

CANDELA DISTRIBUTION (continued):

	-62.5°	-60°	-57.5°	-55°	-52.5°	-50°	-47.5°	-45°	-42.5°	-40°	-37.5°
-22.5°	104.4	117.0	128.3	136.2	143.8	152.4	162.3	173.4	185.7	200.2	219.6
-25°	102.0	114.2	125.7	134.5	142.1	150.2	159.4	169.9	181.2	193.8	209.6
-27.5°	99.5	111.1	122.9	132.5	139.9	147.7	156.5	166.4	176.0	186.6	199.5
-30°	96.7	108.1	120.1	129.9	137.5	145.1	153.4	161.4	170.2	179.9	191.1
-32.5°	93.9	104.9	116.7	126.7	134.7	142.1	149.2	156.4	164.3	173.0	182.6
-35°	91.0	101.6	112.8	123.5	131.6	138.5	144.9	151.3	158.2	166.1	174.4
-37.5°	88.0	98.0	108.7	119.7	128.1	134.5	140.4	146.4	152.5	159.0	166.5
-40°	84.7	94.0	104.4	114.9	124.2	130.4	136.1	141.4	146.9	152.9	159.0
-42.5°	81.3	90.2	99.7	109.8	118.9	126.0	131.7	136.8	141.5	146.8	152.4
-45°	77.7	86.1	94.8	104.3	113.2	120.9	126.9	132.1	136.3	140.7	145.7
-47.5°	74.0	81.8	90.0	98.7	107.4	115.2	121.7	126.6	130.9	134.8	138.8
-50°	70.1	77.5	84.9	92.9	101.3	109.2	116.0	120.7	124.9	128.7	132.3
-52.5°	65.7	73.2	79.8	86.9	94.8	102.7	109.4	114.6	118.7	122.3	126.1
-55°	61.2	68.1	74.4	80.8	87.7	95.3	102.1	107.4	112.3	115.8	119.7
-57.5°	56.5	62.7	68.6	74.6	80.7	87.2	93.7	99.7	104.5	108.8	112.8
-60°	51.5	57.1	62.4	67.9	73.5	79.2	85.2	91.0	96.1	100.6	104.3
-62.5°	46.5	51.5	56.2	61.0	66.0	71.0	76.2	81.7	87.3	91.4	94.9
-65°	41.2	45.7	50.0	54.2	58.3	62.8	67.3	71.7	76.4	80.8	84.6
-67.5°	35.8	39.8	43.7	47.4	51.1	54.8	58.6	62.5	66.3	69.8	73.3
-70°	30.8	33.9	37.3	40.6	43.8	47.0	50.2	53.4	56.6	59.7	62.7
-72.5°	25.7	28.5	31.1	33.7	36.6	39.4	42.0	44.3	47.0	49.9	52.6
-75°	21.0	23.0	25.2	27.4	29.7	32.0	34.2	36.4	38.5	40.6	42.8
-77.5°	16.5	18.3	19.9	21.3	22.9	24.8	26.7	28.5	30.2	31.8	33.4
-80°	12.1	13.5	14.9	16.2	17.4	18.7	19.9	21.0	22.1	23.3	24.5
-82.5°	8.0	9.0	10.0	11.0	12.0	12.9	13.8	14.7	15.5	16.3	17.0
-85°	4.2	4.5	5.2	5.8	6.5	7.1	7.7	8.3	8.8	9.3	9.8
-87.5°	2.1	2.2	2.4	2.6	2.7	2.9	3.0	3.2	3.3	3.4	3.6
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



REPORT NUMBER: P626665 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA1C-730-U-MR-XX

CANDELA DISTRIBUTION (continued):

	-35°	-32.5°	-30°	-27.5°	-25°	-22.5°	-20°	-17.5°	-15°	-12.5°	-10°
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
87.5°	3.7	3.8	3.9	4.0	4.1	4.2	4.2	4.3	4.3	4.4	4.4
85°	10.3	10.7	11.2	11.5	11.9	12.0	12.0	11.9	11.9	12.0	12.2
82.5°	17.7	18.5	19.3	20.1	20.8	21.1	21.3	21.5	21.6	21.9	22.1
80°	25.7	26.9	28.1	29.1	30.0	30.7	31.3	31.8	32.3	32.6	32.7
77.5°	34.9	36.5	37.9	39.2	40.4	41.4	42.2	42.8	43.3	43.6	43.8
75°	44.9	46.8	48.5	50.1	51.6	52.6	53.3	53.9	54.2	54.6	54.9
72.5°	55.0	57.2	59.2	61.1	62.8	64.0	64.8	65.5	66.0	66.4	66.6
70°	65.6	68.2	70.5	72.4	73.9	75.1	76.0	76.7	77.2	77.6	77.8
67.5°	76.6	79.4	81.5	83.2	84.6	85.8	86.9	87.7	88.2	88.8	89.3
65°	87.8	90.7	92.8	94.6	96.0	97.6	99.0	100.1	100.8	101.4	102.1
62.5°	98.3	101.6	104.1	106.4	108.8	111.0	112.3	113.2	114.0	114.6	115.3
60°	107.9	111.6	114.6	117.4	120.3	123.2	124.4	125.3	126.2	127.0	127.8
57.5°	116.4	120.3	123.9	126.7	129.5	132.2	134.1	135.1	135.8	136.2	136.5
55°	123.8	127.7	131.4	134.6	137.6	140.4	142.5	143.4	144.2	144.6	144.9
52.5°	130.4	134.6	138.5	142.1	145.3	148.3	150.9	152.3	153.4	154.2	154.4
50°	136.9	141.4	145.7	149.5	153.3	156.8	160.2	162.1	163.4	164.2	164.4
47.5°	143.7	148.6	153.2	157.6	161.9	166.1	170.1	172.7	174.6	176.0	177.0
45°	150.8	156.0	161.1	166.3	171.2	176.7	181.7	185.5	188.3	190.7	192.6
42.5°	157.9	163.8	169.6	176.4	183.0	189.3	195.2	200.2	204.8	209.3	212.8
40°	165.6	172.1	180.1	188.1	196.3	203.6	212.2	219.8	226.9	234.5	240.8
37.5°	174.1	182.4	191.9	201.5	212.2	222.6	234.6	246.4	256.7	270.0	280.7
35°	183.3	193.8	205.1	217.9	231.7	248.0	264.8	284.5	301.2	322.4	342.0
32.5°	193.5	205.9	220.5	238.1	256.8	283.0	307.6	341.0	369.5	406.4	446.6
30°	204.0	219.9	239.8	262.5	294.1	331.3	374.7	431.1	492.2	555.4	640.4
27.5°	216.3	237.1	261.8	297.0	344.2	395.7	484.1	579.6	712.5	817.8	1005.3
25°	229.7	255.3	291.9	342.8	408.1	512.4	661.6	834.4	1100.5	1337.1	1609.1
22.5°	245.4	280.3	328.7	395.4	509.2	688.6	921.5	1276.3	1670.8	2060.1	2415.9
20°	262.1	304.2	372.0	480.6	656.5	915.8	1331.4	1838.4	2362.0	2895.5	3345.1
17.5°	281.6	338.8	428.1	572.3	823.3	1267.3	1822.3	2467.0	3151.1	3831.9	4423.2
15°	298.4	369.0	489.3	705.2	1079.5	1634.9	2317.0	3131.3	3991.6	4875.1	5832.6
12.5°	319.8	405.5	552.3	815.1	1306.8	2028.7	2863.4	3808.7	4859.3	6032.4	7525.2
10°	339.4	443.7	635.2	991.2	1580.1	2396.7	3335.4	4407.9	5770.5	7533.3	9334.0
7.5°	355.2	474.0	699.4	1128.7	1809.3	2711.0	3760.3	5046.2	6746.2	8845.3	10902.7
5°	366.1	494.9	745.4	1232.5	1993.7	2951.2	4061.9	5516.7	7568.5	9919.2	12020.0
2.5°	373.0	506.4	767.9	1294.1	2113.9	3095.7	4250.0	5815.8	8072.6	10602.8	12729.8
0°	376.2	508.4	753.6	1324.1	2130.8	3085.5	4267.3	5915.6	8192.2	10788.5	12906.9
-2.5°	373.0	506.4	767.9	1294.1	2113.9	3095.7	4250.0	5815.8	8072.6	10602.8	12729.8
-5°	366.1	494.9	745.4	1232.5	1993.7	2951.2	4061.9	5516.7	7568.5	9919.2	12020.0
-7.5°	355.2	474.0	699.4	1128.7	1809.3	2711.0	3760.3	5046.2	6746.2	8845.3	10902.7
-10°	339.4	443.7	635.2	991.2	1580.1	2396.7	3335.4	4407.9	5770.5	7533.3	9334.0
-12.5°	319.8	405.5	552.3	815.1	1306.8	2028.7	2863.4	3808.7	4859.3	6032.4	7525.2
-15°	298.4	369.0	489.3	705.2	1079.5	1634.9	2317.0	3131.3	3991.6	4875.1	5832.6
-17.5°	281.6	338.8	428.1	572.3	823.3	1267.3	1822.3	2467.0	3151.1	3831.9	4423.2
-20°	262.1	304.2	372.0	480.6	656.5	915.8	1331.4	1838.4	2362.0	2895.5	3345.1

Classified

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Scaled Data Report



REPORT NUMBER: P626665 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA1C-730-U-MR-XX

CANDELA DISTRIBUTION (continued):

	-35°	-32.5°	-30°	-27.5°	-25°	-22.5°	-20°	-17.5°	-15°	-12.5°	-10°
-22.5°	245.4	280.3	328.7	395.4	509.2	688.6	921.5	1276.3	1670.8	2060.1	2415.9
-25°	229.7	255.3	291.9	342.8	408.1	512.4	661.6	834.4	1100.5	1337.1	1609.1
-27.5°	216.3	237.1	261.8	297.0	344.2	395.7	484.1	579.6	712.5	817.8	1005.3
-30°	204.0	219.9	239.8	262.5	294.1	331.3	374.7	431.1	492.2	555.4	640.4
-32.5°	193.5	205.9	220.5	238.1	256.8	283.0	307.6	341.0	369.5	406.4	446.6
-35°	183.3	193.8	205.1	217.9	231.7	248.0	264.8	284.5	301.2	322.4	342.0
-37.5°	174.1	182.4	191.9	201.5	212.2	222.6	234.6	246.4	256.7	270.0	280.7
-40°	165.6	172.1	180.1	188.1	196.3	203.6	212.2	219.8	226.9	234.5	240.8
-42.5°	157.9	163.8	169.6	176.4	183.0	189.3	195.2	200.2	204.8	209.3	212.8
-45°	150.8	156.0	161.1	166.3	171.2	176.7	181.7	185.5	188.3	190.7	192.6
-47.5°	143.7	148.6	153.2	157.6	161.9	166.1	170.1	172.7	174.6	176.0	177.0
-50°	136.9	141.4	145.7	149.5	153.3	156.8	160.2	162.1	163.4	164.2	164.4
-52.5°	130.4	134.6	138.5	142.1	145.3	148.3	150.9	152.3	153.4	154.2	154.4
-55°	123.8	127.7	131.4	134.6	137.6	140.4	142.5	143.4	144.2	144.6	144.9
-57.5°	116.4	120.3	123.9	126.7	129.5	132.2	134.1	135.1	135.8	136.2	136.5
-60°	107.9	111.6	114.6	117.4	120.3	123.2	124.4	125.3	126.2	127.0	127.8
-62.5°	98.3	101.6	104.1	106.4	108.8	111.0	112.3	113.2	114.0	114.6	115.3
-65°	87.8	90.7	92.8	94.6	96.0	97.6	99.0	100.1	100.8	101.4	102.1
-67.5°	76.6	79.4	81.5	83.2	84.6	85.8	86.9	87.7	88.2	88.8	89.3
-70°	65.6	68.2	70.5	72.4	73.9	75.1	76.0	76.7	77.2	77.6	77.8
-72.5°	55.0	57.2	59.2	61.1	62.8	64.0	64.8	65.5	66.0	66.4	66.6
-75°	44.9	46.8	48.5	50.1	51.6	52.6	53.3	53.9	54.2	54.6	54.9
-77.5°	34.9	36.5	37.9	39.2	40.4	41.4	42.2	42.8	43.3	43.6	43.8
-80°	25.7	26.9	28.1	29.1	30.0	30.7	31.3	31.8	32.3	32.6	32.7
-82.5°	17.7	18.5	19.3	20.1	20.8	21.1	21.3	21.5	21.6	21.9	22.1
-85°	10.3	10.7	11.2	11.5	11.9	12.0	12.0	11.9	11.9	12.0	12.2
-87.5°	3.7	3.8	3.9	4.0	4.1	4.2	4.2	4.3	4.3	4.4	4.4
-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: P626665 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA1C-730-U-MR-XX

CANDELA DISTRIBUTION (continued):

	-7.5°	-5°	-2.5°	0°	2.5°	5°	7.5°	10°	12.5°	15°	17.5°
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
87.5°	4.5	4.5	4.5	4.5	4.5	4.5	4.5	4.4	4.4	4.3	4.3
85°	12.3	12.3	12.4	12.4	12.4	12.3	12.3	12.2	12.0	11.9	11.9
82.5°	22.3	22.5	22.6	22.6	22.6	22.5	22.3	22.1	21.9	21.6	21.5
80°	32.7	32.7	32.8	32.8	32.8	32.7	32.7	32.7	32.6	32.3	31.8
77.5°	43.9	43.9	44.0	44.1	44.0	43.9	43.9	43.8	43.6	43.3	42.8
75°	55.1	55.2	55.3	55.4	55.3	55.2	55.1	54.9	54.6	54.2	53.9
72.5°	66.6	66.4	66.6	66.7	66.6	66.4	66.6	66.6	66.4	66.0	65.5
70°	77.8	77.7	78.4	79.1	78.4	77.7	77.8	77.8	77.6	77.2	76.7
67.5°	89.8	90.0	90.8	91.5	90.8	90.0	89.8	89.3	88.8	88.2	87.7
65°	102.4	102.4	103.2	103.9	103.2	102.4	102.4	102.1	101.4	100.8	100.1
62.5°	115.8	115.9	116.7	117.5	116.7	115.9	115.8	115.3	114.6	114.0	113.2
60°	128.2	128.4	128.6	128.8	128.6	128.4	128.2	127.8	127.0	126.2	125.3
57.5°	136.6	136.5	136.6	136.7	136.6	136.5	136.6	136.5	136.2	135.8	135.1
55°	144.9	144.5	144.1	143.5	144.1	144.5	144.9	144.9	144.6	144.2	143.4
52.5°	154.3	153.7	153.1	152.5	153.1	153.7	154.3	154.4	154.2	153.4	152.3
50°	164.3	163.7	163.2	162.7	163.2	163.7	164.3	164.4	164.2	163.4	162.1
47.5°	177.7	177.9	177.9	177.4	177.9	177.9	177.7	177.0	176.0	174.6	172.7
45°	194.0	194.7	194.8	194.3	194.8	194.7	194.0	192.6	190.7	188.3	185.5
42.5°	215.3	216.7	217.6	218.1	217.6	216.7	215.3	212.8	209.3	204.8	200.2
40°	245.4	248.3	250.2	251.9	250.2	248.3	245.4	240.8	234.5	226.9	219.8
37.5°	288.7	294.0	296.4	294.9	296.4	294.0	288.7	280.7	270.0	256.7	246.4
35°	357.1	367.2	372.4	372.8	372.4	367.2	357.1	342.0	322.4	301.2	284.5
32.5°	476.3	496.9	507.9	509.5	507.9	496.9	476.3	446.6	406.4	369.5	341.0
30°	705.5	747.5	767.3	762.6	767.3	747.5	705.5	640.4	555.4	492.2	431.1
27.5°	1151.0	1255.9	1318.1	1323.0	1318.1	1255.9	1151.0	1005.3	817.8	712.5	579.6
25°	1850.0	2029.0	2143.7	2145.5	2143.7	2029.0	1850.0	1609.1	1337.1	1100.5	834.4
22.5°	2744.9	2989.3	3123.1	3146.5	3123.1	2989.3	2744.9	2415.9	2060.1	1670.8	1276.3
20°	3781.6	4106.7	4280.6	4280.8	4280.6	4106.7	3781.6	3345.1	2895.5	2362.0	1838.4
17.5°	5058.4	5586.2	5917.6	6060.3	5917.6	5586.2	5058.4	4423.2	3831.9	3151.1	2467.0
15°	6754.6	7641.7	8173.2	8269.0	8173.2	7641.7	6754.6	5832.6	4875.1	3991.6	3131.3
12.5°	8820.1	9942.6	10697.2	10973.8	10697.2	9942.6	8820.1	7525.2	6032.4	4859.3	3808.7
10°	10976.5	12016.6	12825.0	13096.7	12825.0	12016.6	10976.5	9334.0	7533.3	5770.5	4407.9
7.5°	12534.4	13774.6	14685.3	15085.1	14685.3	13774.6	12534.4	10902.7	8845.3	6746.2	5046.2
5°	13764.1	15231.7	16079.4	16455.6	16079.4	15231.7	13764.1	12020.0	9919.2	7568.5	5516.7
2.5°	14571.0	16021.1	16918.7	17265.6	16918.7	16021.1	14571.0	12729.8	10602.8	8072.6	5815.8
0°	14872.7	16290.6	17177.5	17601.2	17177.5	16290.6	14872.7	12906.9	10788.5	8192.2	5915.6
-2.5°	14571.0	16021.1	16918.7	17265.6	16918.7	16021.1	14571.0	12729.8	10602.8	8072.6	5815.8
-5°	13764.1	15231.7	16079.4	16455.6	16079.4	15231.7	13764.1	12020.0	9919.2	7568.5	5516.7
-7.5°	12534.4	13774.6	14685.3	15085.1	14685.3	13774.6	12534.4	10902.7	8845.3	6746.2	5046.2
-10°	10976.5	12016.6	12825.0	13096.7	12825.0	12016.6	10976.5	9334.0	7533.3	5770.5	4407.9
-12.5°	8820.1	9942.6	10697.2	10973.8	10697.2	9942.6	8820.1	7525.2	6032.4	4859.3	3808.7
-15°	6754.6	7641.7	8173.2	8269.0	8173.2	7641.7	6754.6	5832.6	4875.1	3991.6	3131.3
-17.5°	5058.4	5586.2	5917.6	6060.3	5917.6	5586.2	5058.4	4423.2	3831.9	3151.1	2467.0
-20°	3781.6	4106.7	4280.6	4280.8	4280.6	4106.7	3781.6	3345.1	2895.5	2362.0	1838.4



REPORT NUMBER: P626665 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA1C-730-U-MR-XX

CANDELA DISTRIBUTION (continued):

	-7.5°	-5°	-2.5°	0°	2.5°	5°	7.5°	10°	12.5°	15°	17.5°
-22.5°	2744.9	2989.3	3123.1	3146.5	3123.1	2989.3	2744.9	2415.9	2060.1	1670.8	1276.3
-25°	1850.0	2029.0	2143.7	2145.5	2143.7	2029.0	1850.0	1609.1	1337.1	1100.5	834.4
-27.5°	1151.0	1255.9	1318.1	1323.0	1318.1	1255.9	1151.0	1005.3	817.8	712.5	579.6
-30°	705.5	747.5	767.3	762.6	767.3	747.5	705.5	640.4	555.4	492.2	431.1
-32.5°	476.3	496.9	507.9	509.5	507.9	496.9	476.3	446.6	406.4	369.5	341.0
-35°	357.1	367.2	372.4	372.8	372.4	367.2	357.1	342.0	322.4	301.2	284.5
-37.5°	288.7	294.0	296.4	294.9	296.4	294.0	288.7	280.7	270.0	256.7	246.4
-40°	245.4	248.3	250.2	251.9	250.2	248.3	245.4	240.8	234.5	226.9	219.8
-42.5°	215.3	216.7	217.6	218.1	217.6	216.7	215.3	212.8	209.3	204.8	200.2
-45°	194.0	194.7	194.8	194.3	194.8	194.7	194.0	192.6	190.7	188.3	185.5
-47.5°	177.7	177.9	177.9	177.4	177.9	177.9	177.7	177.0	176.0	174.6	172.7
-50°	164.3	163.7	163.2	162.7	163.2	163.7	164.3	164.4	164.2	163.4	162.1
-52.5°	154.3	153.7	153.1	152.5	153.1	153.7	154.3	154.4	154.2	153.4	152.3
-55°	144.9	144.5	144.1	143.5	144.1	144.5	144.9	144.9	144.6	144.2	143.4
-57.5°	136.6	136.5	136.6	136.7	136.6	136.5	136.6	136.5	136.2	135.8	135.1
-60°	128.2	128.4	128.6	128.8	128.6	128.4	128.2	127.8	127.0	126.2	125.3
-62.5°	115.8	115.9	116.7	117.5	116.7	115.9	115.8	115.3	114.6	114.0	113.2
-65°	102.4	102.4	103.2	103.9	103.2	102.4	102.4	102.1	101.4	100.8	100.1
-67.5°	89.8	90.0	90.8	91.5	90.8	90.0	89.8	89.3	88.8	88.2	87.7
-70°	77.8	77.7	78.4	79.1	78.4	77.7	77.8	77.8	77.6	77.2	76.7
-72.5°	66.6	66.4	66.6	66.7	66.6	66.4	66.6	66.6	66.4	66.0	65.5
-75°	55.1	55.2	55.3	55.4	55.3	55.2	55.1	54.9	54.6	54.2	53.9
-77.5°	43.9	43.9	44.0	44.1	44.0	43.9	43.9	43.8	43.6	43.3	42.8
-80°	32.7	32.7	32.8	32.8	32.8	32.7	32.7	32.7	32.6	32.3	31.8
-82.5°	22.3	22.5	22.6	22.6	22.6	22.5	22.3	22.1	21.9	21.6	21.5
-85°	12.3	12.3	12.4	12.4	12.4	12.3	12.3	12.2	12.0	11.9	11.9
-87.5°	4.5	4.5	4.5	4.5	4.5	4.5	4.5	4.4	4.4	4.3	4.3
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



REPORT NUMBER: P626665 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA1C-730-U-MR-XX

CANDELA DISTRIBUTION (continued):

	20°	22.5°	25°	27.5°	30°	32.5°	35°	37.5°	40°	42.5°	45°
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
87.5°	4.2	4.2	4.1	4.0	3.9	3.8	3.7	3.6	3.4	3.3	3.2
85°	12.0	12.0	11.9	11.5	11.2	10.7	10.3	9.8	9.3	8.8	8.3
82.5°	21.3	21.1	20.8	20.1	19.3	18.5	17.7	17.0	16.3	15.5	14.7
80°	31.3	30.7	30.0	29.1	28.1	26.9	25.7	24.5	23.3	22.1	21.0
77.5°	42.2	41.4	40.4	39.2	37.9	36.5	34.9	33.4	31.8	30.2	28.5
75°	53.3	52.6	51.6	50.1	48.5	46.8	44.9	42.8	40.6	38.5	36.4
72.5°	64.8	64.0	62.8	61.1	59.2	57.2	55.0	52.6	49.9	47.0	44.3
70°	76.0	75.1	73.9	72.4	70.5	68.2	65.6	62.7	59.7	56.6	53.4
67.5°	86.9	85.8	84.6	83.2	81.5	79.4	76.6	73.3	69.8	66.3	62.5
65°	99.0	97.6	96.0	94.6	92.8	90.7	87.8	84.6	80.8	76.4	71.7
62.5°	112.3	111.0	108.8	106.4	104.1	101.6	98.3	94.9	91.4	87.3	81.7
60°	124.4	123.2	120.3	117.4	114.6	111.6	107.9	104.3	100.6	96.1	91.0
57.5°	134.1	132.2	129.5	126.7	123.9	120.3	116.4	112.8	108.8	104.5	99.7
55°	142.5	140.4	137.6	134.6	131.4	127.7	123.8	119.7	115.8	112.3	107.4
52.5°	150.9	148.3	145.3	142.1	138.5	134.6	130.4	126.1	122.3	118.7	114.6
50°	160.2	156.8	153.3	149.5	145.7	141.4	136.9	132.3	128.7	124.9	120.7
47.5°	170.1	166.1	161.9	157.6	153.2	148.6	143.7	138.8	134.8	130.9	126.6
45°	181.7	176.7	171.2	166.3	161.1	156.0	150.8	145.7	140.7	136.3	132.1
42.5°	195.2	189.3	183.0	176.4	169.6	163.8	157.9	152.4	146.8	141.5	136.8
40°	212.2	203.6	196.3	188.1	180.1	172.1	165.6	159.0	152.9	146.9	141.4
37.5°	234.6	222.6	212.2	201.5	191.9	182.4	174.1	166.5	159.0	152.5	146.4
35°	264.8	248.0	231.7	217.9	205.1	193.8	183.3	174.4	166.1	158.2	151.3
32.5°	307.6	283.0	256.8	238.1	220.5	205.9	193.5	182.6	173.0	164.3	156.4
30°	374.7	331.3	294.1	262.5	239.8	219.9	204.0	191.1	179.9	170.2	161.4
27.5°	484.1	395.7	344.2	297.0	261.8	237.1	216.3	199.5	186.6	176.0	166.4
25°	661.6	512.4	408.1	342.8	291.9	255.3	229.7	209.6	193.8	181.2	169.9
22.5°	921.5	688.6	509.2	395.4	328.7	280.3	245.4	219.6	200.2	185.7	173.4
20°	1331.4	915.8	656.5	480.6	372.0	304.2	262.1	231.3	208.1	190.5	176.4
17.5°	1822.3	1267.3	823.3	572.3	428.1	338.8	281.6	242.5	215.1	194.8	179.0
15°	2317.0	1634.9	1079.5	705.2	489.3	369.0	298.4	252.2	221.9	199.6	182.3
12.5°	2863.4	2028.7	1306.8	815.1	552.3	405.5	319.8	265.3	229.4	204.3	185.4
10°	3335.4	2396.7	1580.1	991.2	635.2	443.7	339.4	276.5	235.6	208.1	187.9
7.5°	3760.3	2711.0	1809.3	1128.7	699.4	474.0	355.2	285.4	240.3	210.9	189.6
5°	4061.9	2951.2	1993.7	1232.5	745.4	494.9	366.1	291.7	243.3	212.7	190.6
2.5°	4250.0	3095.7	2113.9	1294.1	767.9	506.4	373.0	295.3	245.9	214.6	191.1
0°	4267.3	3085.5	2130.8	1324.1	753.6	508.4	376.2	296.0	247.4	215.8	190.9
-2.5°	4250.0	3095.7	2113.9	1294.1	767.9	506.4	373.0	295.3	245.9	214.6	191.1
-5°	4061.9	2951.2	1993.7	1232.5	745.4	494.9	366.1	291.7	243.3	212.7	190.6
-7.5°	3760.3	2711.0	1809.3	1128.7	699.4	474.0	355.2	285.4	240.3	210.9	189.6
-10°	3335.4	2396.7	1580.1	991.2	635.2	443.7	339.4	276.5	235.6	208.1	187.9
-12.5°	2863.4	2028.7	1306.8	815.1	552.3	405.5	319.8	265.3	229.4	204.3	185.4
-15°	2317.0	1634.9	1079.5	705.2	489.3	369.0	298.4	252.2	221.9	199.6	182.3
-17.5°	1822.3	1267.3	823.3	572.3	428.1	338.8	281.6	242.5	215.1	194.8	179.0
-20°	1331.4	915.8	656.5	480.6	372.0	304.2	262.1	231.3	208.1	190.5	176.4



REPORT NUMBER: P626665 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA1C-730-U-MR-XX

CANDELA DISTRIBUTION (continued):

	20°	22.5°	25°	27.5°	30°	32.5°	35°	37.5°	40°	42.5°	45°
-22.5°	921.5	688.6	509.2	395.4	328.7	280.3	245.4	219.6	200.2	185.7	173.4
-25°	661.6	512.4	408.1	342.8	291.9	255.3	229.7	209.6	193.8	181.2	169.9
-27.5°	484.1	395.7	344.2	297.0	261.8	237.1	216.3	199.5	186.6	176.0	166.4
-30°	374.7	331.3	294.1	262.5	239.8	219.9	204.0	191.1	179.9	170.2	161.4
-32.5°	307.6	283.0	256.8	238.1	220.5	205.9	193.5	182.6	173.0	164.3	156.4
-35°	264.8	248.0	231.7	217.9	205.1	193.8	183.3	174.4	166.1	158.2	151.3
-37.5°	234.6	222.6	212.2	201.5	191.9	182.4	174.1	166.5	159.0	152.5	146.4
-40°	212.2	203.6	196.3	188.1	180.1	172.1	165.6	159.0	152.9	146.9	141.4
-42.5°	195.2	189.3	183.0	176.4	169.6	163.8	157.9	152.4	146.8	141.5	136.8
-45°	181.7	176.7	171.2	166.3	161.1	156.0	150.8	145.7	140.7	136.3	132.1
-47.5°	170.1	166.1	161.9	157.6	153.2	148.6	143.7	138.8	134.8	130.9	126.6
-50°	160.2	156.8	153.3	149.5	145.7	141.4	136.9	132.3	128.7	124.9	120.7
-52.5°	150.9	148.3	145.3	142.1	138.5	134.6	130.4	126.1	122.3	118.7	114.6
-55°	142.5	140.4	137.6	134.6	131.4	127.7	123.8	119.7	115.8	112.3	107.4
-57.5°	134.1	132.2	129.5	126.7	123.9	120.3	116.4	112.8	108.8	104.5	99.7
-60°	124.4	123.2	120.3	117.4	114.6	111.6	107.9	104.3	100.6	96.1	91.0
-62.5°	112.3	111.0	108.8	106.4	104.1	101.6	98.3	94.9	91.4	87.3	81.7
-65°	99.0	97.6	96.0	94.6	92.8	90.7	87.8	84.6	80.8	76.4	71.7
-67.5°	86.9	85.8	84.6	83.2	81.5	79.4	76.6	73.3	69.8	66.3	62.5
-70°	76.0	75.1	73.9	72.4	70.5	68.2	65.6	62.7	59.7	56.6	53.4
-72.5°	64.8	64.0	62.8	61.1	59.2	57.2	55.0	52.6	49.9	47.0	44.3
-75°	53.3	52.6	51.6	50.1	48.5	46.8	44.9	42.8	40.6	38.5	36.4
-77.5°	42.2	41.4	40.4	39.2	37.9	36.5	34.9	33.4	31.8	30.2	28.5
-80°	31.3	30.7	30.0	29.1	28.1	26.9	25.7	24.5	23.3	22.1	21.0
-82.5°	21.3	21.1	20.8	20.1	19.3	18.5	17.7	17.0	16.3	15.5	14.7
-85°	12.0	12.0	11.9	11.5	11.2	10.7	10.3	9.8	9.3	8.8	8.3
-87.5°	4.2	4.2	4.1	4.0	3.9	3.8	3.7	3.6	3.4	3.3	3.2
-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: P626665 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA1C-730-U-MR-XX

CANDELA DISTRIBUTION (continued):

	47.5°	50°	52.5°	55°	57.5°	60°	62.5°	65°	67.5°	70°	72.5°
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
87.5°	3.0	2.9	2.7	2.6	2.4	2.2	2.1	1.9	1.7	1.5	1.4
85°	7.7	7.1	6.5	5.8	5.2	4.5	4.2	3.8	3.4	3.1	2.7
82.5°	13.8	12.9	12.0	11.0	10.0	9.0	8.0	6.9	5.8	4.7	4.0
80°	19.9	18.7	17.4	16.2	14.9	13.5	12.1	10.7	9.1	7.6	6.1
77.5°	26.7	24.8	22.9	21.3	19.9	18.3	16.5	14.5	12.4	10.4	8.5
75°	34.2	32.0	29.7	27.4	25.2	23.0	21.0	18.7	16.0	13.2	10.9
72.5°	42.0	39.4	36.6	33.7	31.1	28.5	25.7	22.8	19.7	16.6	13.4
70°	50.2	47.0	43.8	40.6	37.3	33.9	30.8	27.2	23.4	19.8	16.3
67.5°	58.6	54.8	51.1	47.4	43.7	39.8	35.8	31.7	27.4	23.1	19.1
65°	67.3	62.8	58.3	54.2	50.0	45.7	41.2	36.2	31.4	26.6	21.9
62.5°	76.2	71.0	66.0	61.0	56.2	51.5	46.5	40.8	35.3	30.1	24.8
60°	85.2	79.2	73.5	67.9	62.4	57.1	51.5	45.3	39.3	33.5	27.8
57.5°	93.7	87.2	80.7	74.6	68.6	62.7	56.5	49.8	43.2	36.8	30.7
55°	102.1	95.3	87.7	80.8	74.4	68.1	61.2	54.1	47.0	40.1	33.5
52.5°	109.4	102.7	94.8	86.9	79.8	73.2	65.7	58.4	50.8	43.2	36.3
50°	116.0	109.2	101.3	92.9	84.9	77.5	70.1	62.3	54.4	46.3	38.9
47.5°	121.7	115.2	107.4	98.7	90.0	81.8	74.0	66.0	58.0	49.5	41.5
45°	126.9	120.9	113.2	104.3	94.8	86.1	77.7	69.5	61.1	52.5	43.9
42.5°	131.7	126.0	118.9	109.8	99.7	90.2	81.3	72.7	64.1	55.4	46.4
40°	136.1	130.4	124.2	114.9	104.4	94.0	84.7	75.8	66.8	58.1	48.7
37.5°	140.4	134.5	128.1	119.7	108.7	98.0	88.0	78.6	69.5	60.4	51.0
35°	144.9	138.5	131.6	123.5	112.8	101.6	91.0	81.3	72.0	62.6	53.0
32.5°	149.2	142.1	134.7	126.7	116.7	104.9	93.9	84.0	74.4	64.7	55.0
30°	153.4	145.1	137.5	129.9	120.1	108.1	96.7	86.4	76.6	66.6	56.7
27.5°	156.5	147.7	139.9	132.5	122.9	111.1	99.5	88.7	78.6	68.4	58.2
25°	159.4	150.2	142.1	134.5	125.7	114.2	102.0	90.8	80.4	70.0	59.7
22.5°	162.3	152.4	143.8	136.2	128.3	117.0	104.4	92.8	82.1	71.5	60.9
20°	164.8	154.1	145.3	137.8	130.0	119.1	106.7	94.7	83.5	72.8	62.0
17.5°	166.9	155.9	146.8	139.1	131.3	121.0	108.7	96.3	84.8	73.9	63.0
15°	169.1	157.7	148.1	140.1	132.3	122.5	110.3	97.6	85.9	74.9	63.9
12.5°	170.9	159.1	149.2	140.9	133.2	123.6	111.7	98.7	86.8	75.8	64.8
10°	172.3	160.0	149.9	141.3	133.9	124.5	112.8	99.8	87.8	76.6	65.5
7.5°	173.3	160.5	150.3	141.5	134.4	125.2	113.8	100.9	88.8	77.2	66.0
5°	174.0	160.7	150.6	142.0	134.7	125.9	114.6	101.8	89.5	77.6	66.4
2.5°	174.8	160.7	150.6	142.3	134.7	126.4	115.1	102.4	90.1	77.9	66.6
0°	175.1	160.4	150.3	142.4	134.4	126.5	115.2	102.8	90.4	78.0	66.7
-2.5°	174.8	160.7	150.6	142.3	134.7	126.4	115.1	102.4	90.1	77.9	66.6
-5°	174.0	160.7	150.6	142.0	134.7	125.9	114.6	101.8	89.5	77.6	66.4
-7.5°	173.3	160.5	150.3	141.5	134.4	125.2	113.8	100.9	88.8	77.2	66.0
-10°	172.3	160.0	149.9	141.3	133.9	124.5	112.8	99.8	87.8	76.6	65.5
-12.5°	170.9	159.1	149.2	140.9	133.2	123.6	111.7	98.7	86.8	75.8	64.8
-15°	169.1	157.7	148.1	140.1	132.3	122.5	110.3	97.6	85.9	74.9	63.9
-17.5°	166.9	155.9	146.8	139.1	131.3	121.0	108.7	96.3	84.8	73.9	63.0
-20°	164.8	154.1	145.3	137.8	130.0	119.1	106.7	94.7	83.5	72.8	62.0

Classified

Cooper Lighting Solutions Photometric Lab
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Scaled Data Report



REPORT NUMBER: P626665 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA1C-730-U-MR-XX

CANDELA DISTRIBUTION (continued):

	47.5°	50°	52.5°	55°	57.5°	60°	62.5°	65°	67.5°	70°	72.5°
-22.5°	162.3	152.4	143.8	136.2	128.3	117.0	104.4	92.8	82.1	71.5	60.9
-25°	159.4	150.2	142.1	134.5	125.7	114.2	102.0	90.8	80.4	70.0	59.7
-27.5°	156.5	147.7	139.9	132.5	122.9	111.1	99.5	88.7	78.6	68.4	58.2
-30°	153.4	145.1	137.5	129.9	120.1	108.1	96.7	86.4	76.6	66.6	56.7
-32.5°	149.2	142.1	134.7	126.7	116.7	104.9	93.9	84.0	74.4	64.7	55.0
-35°	144.9	138.5	131.6	123.5	112.8	101.6	91.0	81.3	72.0	62.6	53.0
-37.5°	140.4	134.5	128.1	119.7	108.7	98.0	88.0	78.6	69.5	60.4	51.0
-40°	136.1	130.4	124.2	114.9	104.4	94.0	84.7	75.8	66.8	58.1	48.7
-42.5°	131.7	126.0	118.9	109.8	99.7	90.2	81.3	72.7	64.1	55.4	46.4
-45°	126.9	120.9	113.2	104.3	94.8	86.1	77.7	69.5	61.1	52.5	43.9
-47.5°	121.7	115.2	107.4	98.7	90.0	81.8	74.0	66.0	58.0	49.5	41.5
-50°	116.0	109.2	101.3	92.9	84.9	77.5	70.1	62.3	54.4	46.3	38.9
-52.5°	109.4	102.7	94.8	86.9	79.8	73.2	65.7	58.4	50.8	43.2	36.3
-55°	102.1	95.3	87.7	80.8	74.4	68.1	61.2	54.1	47.0	40.1	33.5
-57.5°	93.7	87.2	80.7	74.6	68.6	62.7	56.5	49.8	43.2	36.8	30.7
-60°	85.2	79.2	73.5	67.9	62.4	57.1	51.5	45.3	39.3	33.5	27.8
-62.5°	76.2	71.0	66.0	61.0	56.2	51.5	46.5	40.8	35.3	30.1	24.8
-65°	67.3	62.8	58.3	54.2	50.0	45.7	41.2	36.2	31.4	26.6	21.9
-67.5°	58.6	54.8	51.1	47.4	43.7	39.8	35.8	31.7	27.4	23.1	19.1
-70°	50.2	47.0	43.8	40.6	37.3	33.9	30.8	27.2	23.4	19.8	16.3
-72.5°	42.0	39.4	36.6	33.7	31.1	28.5	25.7	22.8	19.7	16.6	13.4
-75°	34.2	32.0	29.7	27.4	25.2	23.0	21.0	18.7	16.0	13.2	10.9
-77.5°	26.7	24.8	22.9	21.3	19.9	18.3	16.5	14.5	12.4	10.4	8.5
-80°	19.9	18.7	17.4	16.2	14.9	13.5	12.1	10.7	9.1	7.6	6.1
-82.5°	13.8	12.9	12.0	11.0	10.0	9.0	8.0	6.9	5.8	4.7	4.0
-85°	7.7	7.1	6.5	5.8	5.2	4.5	4.2	3.8	3.4	3.1	2.7
-87.5°	3.0	2.9	2.7	2.6	2.4	2.2	2.1	1.9	1.7	1.5	1.4
-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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REPORT NUMBER: P626665 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA1C-730-U-MR-XX

CANDELA DISTRIBUTION (continued):

	75°	77.5°	80°	82.5°	85°	87.5°	90°
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0
87.5°	1.2	1.0	0.8	0.6	0.4	0.2	0.0
85°	2.3	1.9	1.6	1.2	0.8	0.4	0.0
82.5°	3.5	2.9	2.3	1.8	1.2	0.6	0.0
80°	4.7	3.9	3.1	2.3	1.6	0.8	0.0
77.5°	6.7	5.1	3.9	2.9	1.9	1.0	0.0
75°	8.7	6.7	4.7	3.5	2.3	1.2	0.0
72.5°	10.7	8.4	6.1	4.0	2.7	1.4	0.0
70°	12.7	10.0	7.4	4.7	3.1	1.5	0.0
67.5°	15.2	11.6	8.6	5.6	3.4	1.7	0.0
65°	17.6	13.4	9.9	6.6	3.8	1.9	0.0
62.5°	20.0	15.4	11.1	7.5	4.2	2.1	0.0
60°	22.3	17.3	12.3	8.4	4.5	2.2	0.0
57.5°	24.8	19.2	13.8	9.3	5.1	2.4	0.0
55°	27.2	21.1	15.3	10.2	5.7	2.6	0.0
52.5°	29.5	22.9	16.8	11.0	6.2	2.7	0.0
50°	31.7	24.7	18.1	11.8	6.7	2.9	0.0
47.5°	33.8	26.5	19.5	12.6	7.3	3.0	0.0
45°	35.9	28.1	20.8	13.6	7.8	3.2	0.0
42.5°	37.9	29.7	22.0	14.5	8.2	3.3	0.0
40°	39.8	31.2	23.2	15.4	8.7	3.4	0.0
37.5°	41.6	32.6	24.3	16.2	9.1	3.6	0.0
35°	43.3	34.0	25.4	17.0	9.5	3.7	0.0
32.5°	45.0	35.3	26.4	17.7	9.9	3.8	0.0
30°	46.5	36.6	27.3	18.3	10.3	3.9	0.0
27.5°	47.9	37.7	28.1	18.9	10.6	4.0	0.0
25°	49.1	38.8	28.9	19.4	10.9	4.1	0.0
22.5°	50.3	39.7	29.6	19.9	11.2	4.2	0.0
20°	51.3	40.5	30.2	20.3	11.4	4.2	0.0
17.5°	52.2	41.2	30.8	20.7	11.7	4.3	0.0
15°	53.0	41.8	31.3	20.9	11.9	4.3	0.0
12.5°	53.7	42.3	31.8	21.2	12.0	4.4	0.0
10°	54.3	42.6	32.1	21.4	12.2	4.4	0.0
7.5°	54.8	42.8	32.4	21.5	12.3	4.5	0.0
5°	55.1	43.0	32.6	21.5	12.3	4.5	0.0
2.5°	55.3	43.0	32.8	21.5	12.4	4.5	0.0
0°	55.4	42.9	32.8	21.5	12.4	4.5	0.0
-2.5°	55.3	43.0	32.8	21.5	12.4	4.5	0.0
-5°	55.1	43.0	32.6	21.5	12.3	4.5	0.0
-7.5°	54.8	42.8	32.4	21.5	12.3	4.5	0.0
-10°	54.3	42.6	32.1	21.4	12.2	4.4	0.0
-12.5°	53.7	42.3	31.8	21.2	12.0	4.4	0.0
-15°	53.0	41.8	31.3	20.9	11.9	4.3	0.0
-17.5°	52.2	41.2	30.8	20.7	11.7	4.3	0.0
-20°	51.3	40.5	30.2	20.3	11.4	4.2	0.0

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CATALOG NUMBER: GFLD-SA1C-730-U-MR-XX

CANDELA DISTRIBUTION (continued):

	75°	77.5°	80°	82.5°	85°	87.5°	90°
-22.5°	50.3	39.7	29.6	19.9	11.2	4.2	0.0
-25°	49.1	38.8	28.9	19.4	10.9	4.1	0.0
-27.5°	47.9	37.7	28.1	18.9	10.6	4.0	0.0
-30°	46.5	36.6	27.3	18.3	10.3	3.9	0.0
-32.5°	45.0	35.3	26.4	17.7	9.9	3.8	0.0
-35°	43.3	34.0	25.4	17.0	9.5	3.7	0.0
-37.5°	41.6	32.6	24.3	16.2	9.1	3.6	0.0
-40°	39.8	31.2	23.2	15.4	8.7	3.4	0.0
-42.5°	37.9	29.7	22.0	14.5	8.2	3.3	0.0
-45°	35.9	28.1	20.8	13.6	7.8	3.2	0.0
-47.5°	33.8	26.5	19.5	12.6	7.3	3.0	0.0
-50°	31.7	24.7	18.1	11.8	6.7	2.9	0.0
-52.5°	29.5	22.9	16.8	11.0	6.2	2.7	0.0
-55°	27.2	21.1	15.3	10.2	5.7	2.6	0.0
-57.5°	24.8	19.2	13.8	9.3	5.1	2.4	0.0
-60°	22.3	17.3	12.3	8.4	4.5	2.2	0.0
-62.5°	20.0	15.4	11.1	7.5	4.2	2.1	0.0
-65°	17.6	13.4	9.9	6.6	3.8	1.9	0.0
-67.5°	15.2	11.6	8.6	5.6	3.4	1.7	0.0
-70°	12.7	10.0	7.4	4.7	3.1	1.5	0.0
-72.5°	10.7	8.4	6.1	4.0	2.7	1.4	0.0
-75°	8.7	6.7	4.7	3.5	2.3	1.2	0.0
-77.5°	6.7	5.1	3.9	2.9	1.9	1.0	0.0
-80°	4.7	3.9	3.1	2.3	1.6	0.8	0.0
-82.5°	3.5	2.9	2.3	1.8	1.2	0.6	0.0
-85°	2.3	1.9	1.6	1.2	0.8	0.4	0.0
-87.5°	1.2	1.0	0.8	0.6	0.4	0.2	0.0
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0

(END OF REPORT)