

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: P626607 (CONVERTED FROM TYPE C PHOTOMETRY)

Luminaire Tested: **GFLD-SA1B-730-U-MWR-XX**

Issue Date: 12/7/2022

Test Information

Test Method: LM-79-08
Report Number: P626607 (CONVERTED FROM TYPE C PHOTOMETRY)
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G2-2210-813-15)
Test Lab: COOPER LIGHTING SOLUTIONS
Issue Date: 12/7/2022
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: MCGRAW-EDISON
Catalog Number: GFLD-SA1B-730-U-MWR-XX
Description: GALLEON FLOOD, ONE LIGHT SQAURE, MEDIUM WIDE SYMMETRICAL ROUND N16
Light Source: (16) 3000K CCT, 70 CRI LEDS
Ballast/Driver: -

Summary

Lumens per Lamp: N/A
Luminaire Lumens: 4428.4 lumens
Efficiency: N/A
Efficacy: 132.2 lumens/watt
Luminous Opening: Rectangular (W 0.5' x L: 0.5' x H: 0')

NEMA Type: 5H x 5V
Max Intensity: 5203.2 candela
Max Intensity Angle: -7.5°H x 10°V

Beam Angle (50%): 51°H x 52.3°V
Beam Lumens: 2939.3 lumens
Beam Efficiency: 66.4%

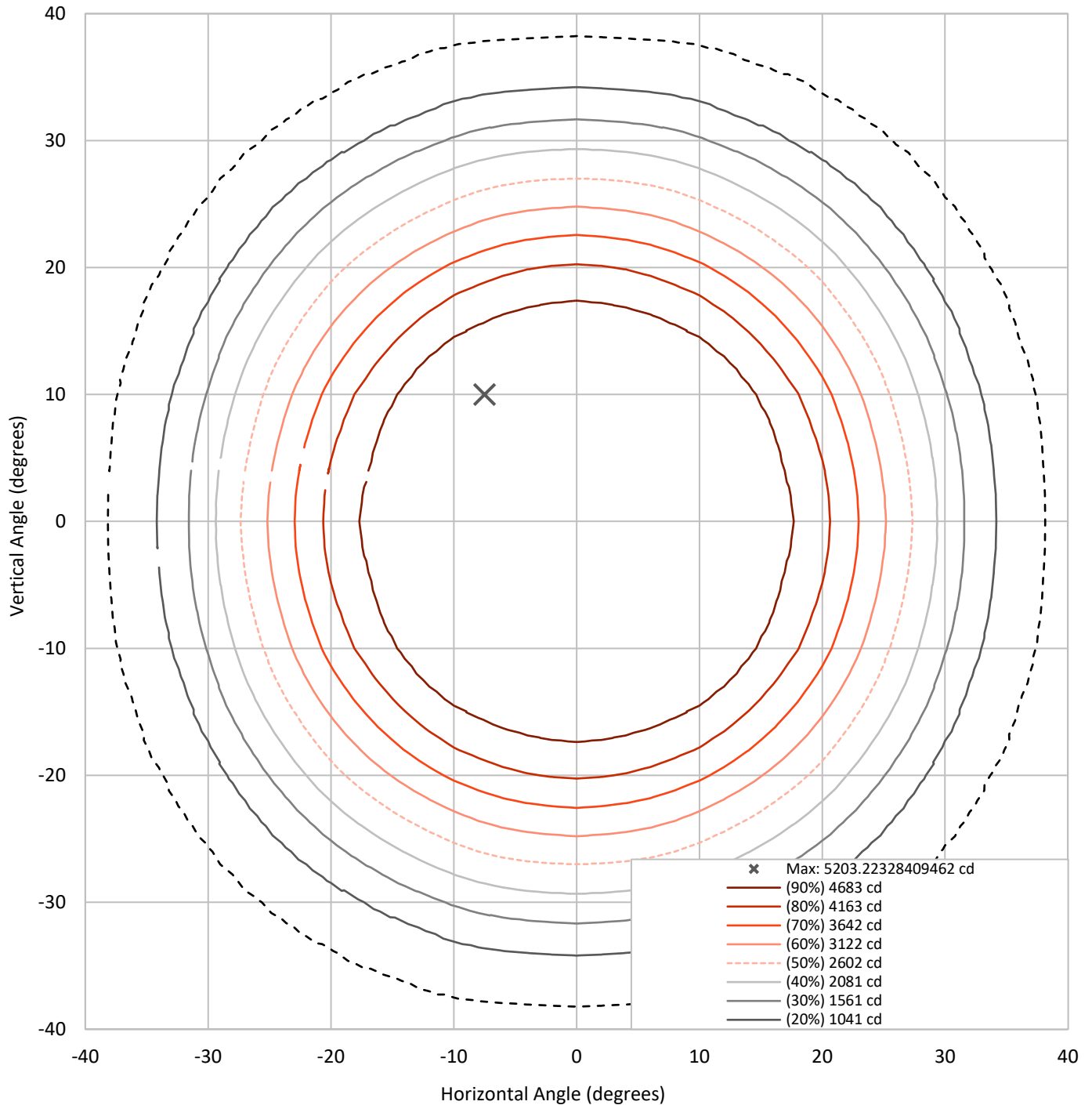
Field Angle (10%): 74.5°H x 75.5°V
Field Lumens: 3821.9 lumens
Field Efficiency: 86.3%

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





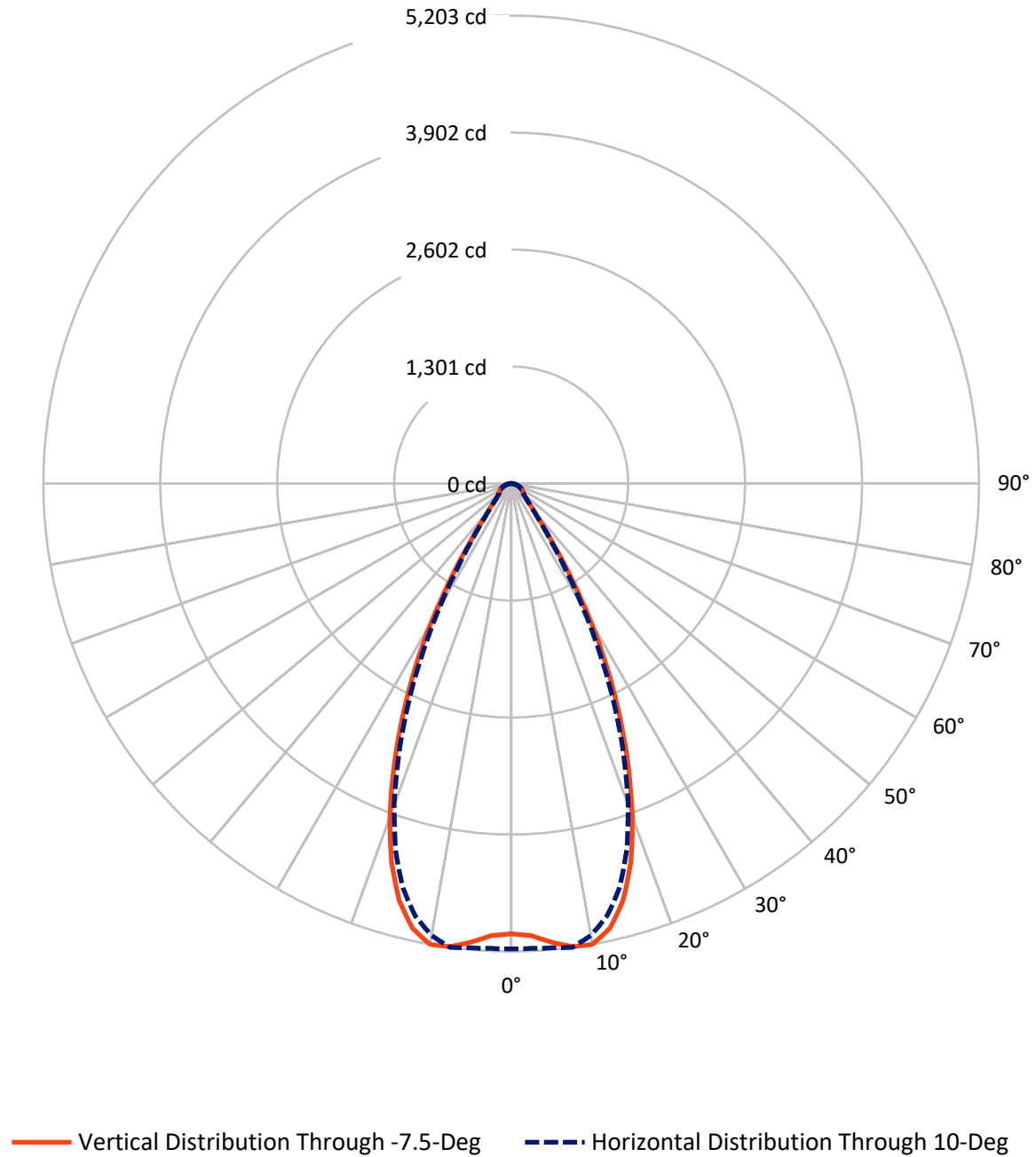
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Lumen Table

90	0.1	1.0	2.8	4.4	4.9	4.4	2.8	1.0	0.1							
80	0.1	1.0	2.8	4.4	4.9	4.4	2.8	1.0	0.1							
70	0.5	0.5	1.1	1.8	2.5	3.0	3.4	3.6	3.6	3.4	3.0	2.5	1.8	1.1	0.5	0.5
60		0.8	1.6	2.6	3.4	4.1	4.6	4.8	4.8	4.6	4.1	3.4	2.6	1.6	0.8	
50	0.8	1.0	2.0	3.1	4.2	5.4	6.8	7.8	7.8	6.8	5.4	4.2	3.1	2.0	1.0	0.8
40		1.2	2.4	3.6	5.5	10.1	19.3	28.6	28.6	19.3	10.1	5.5	3.6	2.4	1.2	
30	1.1	1.4	2.6	4.2	9.1	28.4	63.8	89.1	89.1	63.8	28.4	9.1	4.2	2.6	1.4	1.1
20		1.5	2.7	4.9	16.4	60.6	115.7	144.8	144.8	115.7	60.6	16.4	4.9	2.7	1.5	
10	1.2	1.5	2.8	5.6	23.6	82.9	140.4	152.8	152.8	140.4	82.9	23.6	5.6	2.8	1.5	1.2
0		1.5	2.8	5.6	23.6	82.9	140.4	152.8	152.8	140.4	82.9	23.6	5.6	2.8	1.5	
-10	1.1	1.5	2.7	4.9	16.4	60.6	115.7	144.8	144.8	115.7	60.6	16.4	4.9	2.7	1.5	1.1
-20		1.4	2.6	4.2	9.1	28.4	63.8	89.1	89.1	63.8	28.4	9.1	4.2	2.6	1.4	
-30	0.8	1.2	2.4	3.6	5.5	10.1	19.3	28.6	28.6	19.3	10.1	5.5	3.6	2.4	1.2	0.8
-40		1.0	2.0	3.1	4.2	5.4	6.8	7.8	7.8	6.8	5.4	4.2	3.1	2.0	1.0	
-50	0.5	0.8	1.6	2.6	3.4	4.1	4.6	4.8	4.8	4.6	4.1	3.4	2.6	1.6	0.8	0.5
-60		0.5	1.1	1.8	2.5	3.0	3.4	3.6	3.6	3.4	3.0	2.5	1.8	1.1	0.5	
-70	0.1	1.0	2.8	4.4	4.9	4.4	2.8	1.0	0.1							
-80		0.1	1.0	2.8	4.4	4.9	4.4	2.8	1.0	0.1						
-90	0.1	1.0	2.8	4.4	4.9	4.4	2.8	1.0	0.1							

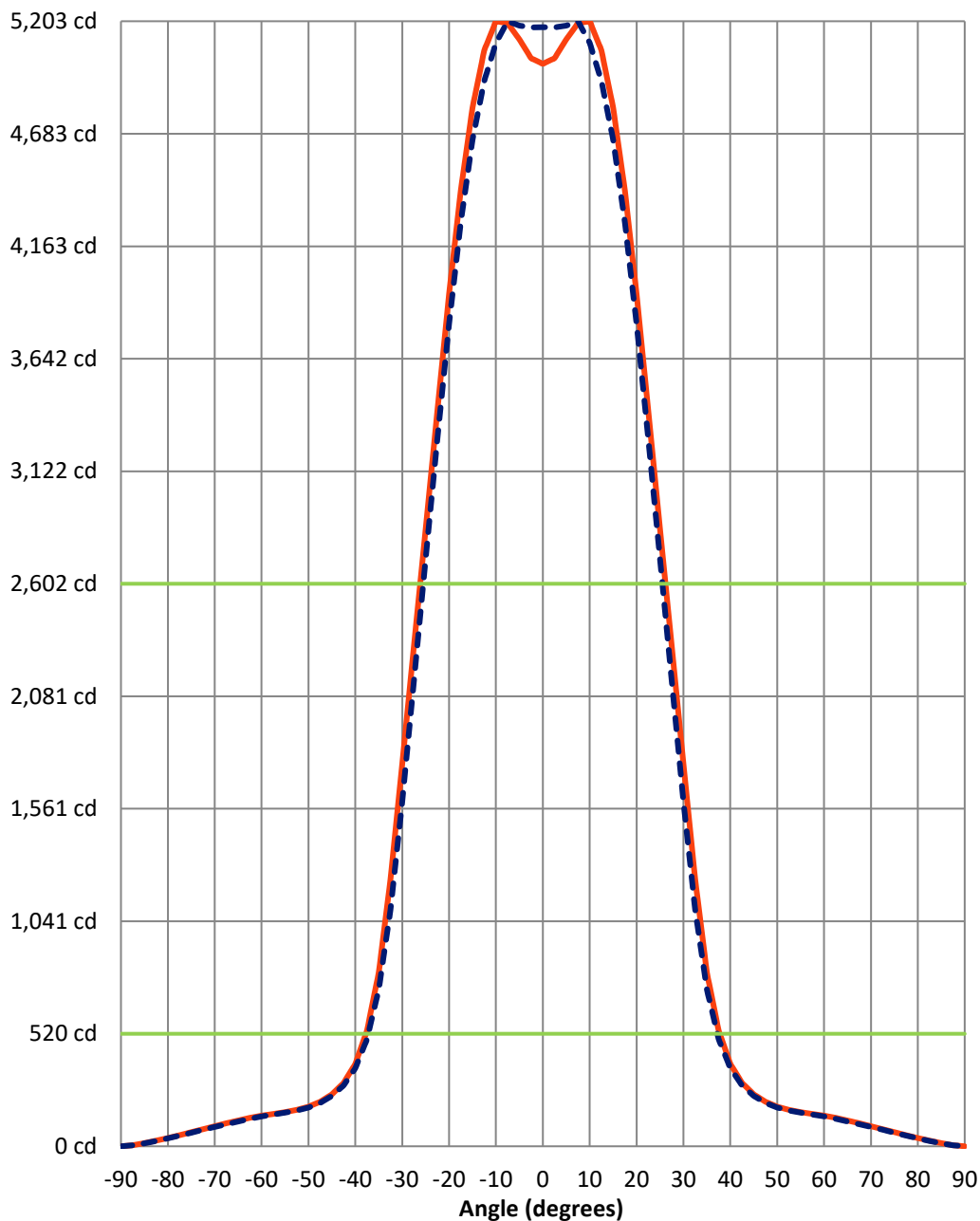
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Luminous Intensity Polar Plot



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Luminous Intensity Plot



Beam:
 H Angle: 51°
 V Angle: 52.3°
 Lumens: 2939.3
 Efficiency: 66.4%

Field:
 H Angle: 74.5°
 V Angle: 75.5°
 Lumens: 3821.9
 Efficiency: 86.3%

Spill:
 Lumens: 606.5
 Efficiency: 13.7%

— Vertical Distribution through -7.5-Deg
 - - Horizontal Distribution through 10-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	1.5	1.7	2.0	2.3
85°	0.0	0.4	0.8	1.2	1.6	2.0	2.4	2.9	3.4	4.0	4.6
82.5°	0.0	0.6	1.2	1.8	2.4	3.0	3.6	4.3	5.3	6.6	7.9
80°	0.0	0.8	1.6	2.4	3.2	4.0	4.9	6.7	8.5	10.1	11.7
77.5°	0.0	1.0	2.0	3.0	4.0	5.3	7.4	9.6	11.7	13.7	15.8
75°	0.0	1.2	2.4	3.6	4.9	7.4	10.0	12.5	15.0	17.8	20.6
72.5°	0.0	1.4	2.8	4.1	6.6	9.5	12.5	15.5	18.9	22.2	25.5
70°	0.0	1.6	3.1	4.8	8.2	11.6	15.0	18.9	22.7	26.5	30.5
67.5°	0.0	1.8	3.5	6.1	9.8	13.6	17.8	22.2	26.5	31.0	35.5
65°	0.0	1.9	3.9	7.2	11.4	15.7	20.6	25.5	30.3	35.3	40.6
62.5°	0.0	2.1	4.2	8.4	13.0	18.0	23.3	28.7	34.1	39.7	46.1
60°	0.0	2.3	4.6	9.6	14.5	20.1	25.9	31.8	37.7	44.5	51.4
57.5°	0.0	2.5	5.3	10.7	16.2	22.3	28.6	34.9	41.7	49.1	56.5
55°	0.0	2.6	6.0	11.8	17.8	24.3	31.2	37.9	45.6	53.6	61.3
52.5°	0.0	2.8	6.7	12.8	19.4	26.3	33.7	41.2	49.4	57.8	66.1
50°	0.0	3.0	7.4	13.9	20.9	28.4	36.1	44.4	53.1	61.9	70.6
47.5°	0.0	3.1	8.0	14.9	22.3	30.4	38.6	47.5	56.6	65.9	75.0
45°	0.0	3.3	8.6	15.9	23.7	32.3	41.1	50.5	60.0	69.6	79.2
42.5°	0.0	3.4	9.2	16.9	25.0	34.1	43.5	53.3	63.2	73.3	83.2
40°	0.0	3.5	9.7	17.8	26.4	35.9	45.8	55.9	66.3	76.7	87.0
37.5°	0.0	3.6	10.3	18.6	27.7	37.6	48.0	58.4	69.2	80.1	90.7
35°	0.0	3.8	10.7	19.4	29.0	39.3	50.0	60.8	72.1	83.2	94.2
32.5°	0.0	3.9	11.2	20.2	30.2	40.9	51.9	63.0	74.7	86.1	97.2
30°	0.0	4.0	11.6	20.9	31.3	42.4	53.6	65.0	77.3	88.8	100.0
27.5°	0.0	4.1	12.0	21.5	32.3	43.7	55.2	67.0	79.6	91.3	102.6
25°	0.0	4.2	12.3	22.1	33.3	44.9	56.6	68.9	81.6	93.5	105.0
22.5°	0.0	4.2	12.6	22.6	34.1	46.0	57.9	70.6	83.4	95.4	107.2
20°	0.0	4.3	12.9	23.1	34.8	47.0	59.0	72.1	85.0	97.1	109.1
17.5°	0.0	4.4	13.1	23.5	35.5	47.8	60.1	73.5	86.4	98.6	110.8
15°	0.0	4.4	13.3	23.8	36.0	48.5	61.0	74.7	87.5	99.9	112.3
12.5°	0.0	4.5	13.5	24.1	36.5	49.1	61.8	75.8	88.6	101.0	113.5
10°	0.0	4.5	13.6	24.3	36.8	49.5	62.5	76.7	89.5	102.0	114.5
7.5°	0.0	4.6	13.7	24.5	37.1	49.8	63.0	77.4	90.2	102.8	115.4
5°	0.0	4.6	13.7	24.6	37.3	50.1	63.4	77.9	90.7	103.3	116.1
2.5°	0.0	4.6	13.7	24.6	37.3	50.1	63.6	78.2	91.0	103.7	116.5
0°	0.0	4.6	13.7	24.6	37.3	50.1	63.7	78.3	91.1	103.8	116.6
-2.5°	0.0	4.6	13.7	24.6	37.3	50.1	63.6	78.2	91.0	103.7	116.5
-5°	0.0	4.6	13.7	24.6	37.3	50.1	63.4	77.9	90.7	103.3	116.1
-7.5°	0.0	4.6	13.7	24.5	37.1	49.8	63.0	77.4	90.2	102.8	115.4
-10°	0.0	4.5	13.6	24.3	36.8	49.5	62.5	76.7	89.5	102.0	114.5
-12.5°	0.0	4.5	13.5	24.1	36.5	49.1	61.8	75.8	88.6	101.0	113.5
-15°	0.0	4.4	13.3	23.8	36.0	48.5	61.0	74.7	87.5	99.9	112.3
-17.5°	0.0	4.4	13.1	23.5	35.5	47.8	60.1	73.5	86.4	98.6	110.8
-20°	0.0	4.3	12.9	23.1	34.8	47.0	59.0	72.1	85.0	97.1	109.1

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CANDELA DISTRIBUTION (continued):

	-90°	-87.5°	-85°	-82.5°	-80°	-77.5°	-75°	-72.5°	-70°	-67.5°	-65°
-22.5°	0.0	4.2	12.6	22.6	34.1	46.0	57.9	70.6	83.4	95.4	107.2
-25°	0.0	4.2	12.3	22.1	33.3	44.9	56.6	68.9	81.6	93.5	105.0
-27.5°	0.0	4.1	12.0	21.5	32.3	43.7	55.2	67.0	79.6	91.3	102.6
-30°	0.0	4.0	11.6	20.9	31.3	42.4	53.6	65.0	77.3	88.8	100.0
-32.5°	0.0	3.9	11.2	20.2	30.2	40.9	51.9	63.0	74.7	86.1	97.2
-35°	0.0	3.8	10.7	19.4	29.0	39.3	50.0	60.8	72.1	83.2	94.2
-37.5°	0.0	3.6	10.3	18.6	27.7	37.6	48.0	58.4	69.2	80.1	90.7
-40°	0.0	3.5	9.7	17.8	26.4	35.9	45.8	55.9	66.3	76.7	87.0
-42.5°	0.0	3.4	9.2	16.9	25.0	34.1	43.5	53.3	63.2	73.3	83.2
-45°	0.0	3.3	8.6	15.9	23.7	32.3	41.1	50.5	60.0	69.6	79.2
-47.5°	0.0	3.1	8.0	14.9	22.3	30.4	38.6	47.5	56.6	65.9	75.0
-50°	0.0	3.0	7.4	13.9	20.9	28.4	36.1	44.4	53.1	61.9	70.6
-52.5°	0.0	2.8	6.7	12.8	19.4	26.3	33.7	41.2	49.4	57.8	66.1
-55°	0.0	2.6	6.0	11.8	17.8	24.3	31.2	37.9	45.6	53.6	61.3
-57.5°	0.0	2.5	5.3	10.7	16.2	22.3	28.6	34.9	41.7	49.1	56.5
-60°	0.0	2.3	4.6	9.6	14.5	20.1	25.9	31.8	37.7	44.5	51.4
-62.5°	0.0	2.1	4.2	8.4	13.0	18.0	23.3	28.7	34.1	39.7	46.1
-65°	0.0	1.9	3.9	7.2	11.4	15.7	20.6	25.5	30.3	35.3	40.6
-67.5°	0.0	1.8	3.5	6.1	9.8	13.6	17.8	22.2	26.5	31.0	35.5
-70°	0.0	1.6	3.1	4.8	8.2	11.6	15.0	18.9	22.7	26.5	30.5
-72.5°	0.0	1.4	2.8	4.1	6.6	9.5	12.5	15.5	18.9	22.2	25.5
-75°	0.0	1.2	2.4	3.6	4.9	7.4	10.0	12.5	15.0	17.8	20.6
-77.5°	0.0	1.0	2.0	3.0	4.0	5.3	7.4	9.6	11.7	13.7	15.8
-80°	0.0	0.8	1.6	2.4	3.2	4.0	4.9	6.7	8.5	10.1	11.7
-82.5°	0.0	0.6	1.2	1.8	2.4	3.0	3.6	4.3	5.3	6.6	7.9
-85°	0.0	0.4	0.8	1.2	1.6	2.0	2.4	2.9	3.4	4.0	4.6
-87.5°	0.0	0.2	0.4	0.6	0.8	1.0	1.2	1.5	1.7	2.0	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



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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°	2.5	2.7	3.0	3.2	3.3	3.5	3.7	3.9	4.1	4.2	4.4
85°	5.1	5.5	6.2	7.0	7.7	8.3	9.0	9.6	10.2	10.8	11.4
82.5°	9.1	10.2	11.4	12.7	13.7	14.8	15.8	16.8	17.8	18.8	19.9
80°	13.3	14.9	16.8	18.6	20.2	21.6	23.1	24.5	25.9	27.5	29.2
77.5°	18.2	20.5	22.7	24.8	26.8	28.9	31.0	33.1	35.2	37.3	39.2
75°	23.4	26.1	28.9	31.7	34.4	37.0	39.6	42.2	44.8	47.4	49.8
72.5°	28.9	32.3	35.6	38.9	42.2	45.4	48.6	51.6	54.7	57.9	61.0
70°	34.5	38.4	42.5	46.4	50.2	54.0	57.8	61.5	65.2	68.9	72.5
67.5°	40.2	45.1	49.7	54.0	58.5	63.0	67.3	71.7	76.0	80.3	84.4
65°	46.5	51.7	56.8	61.8	66.9	72.1	77.3	82.2	87.2	92.0	96.3
62.5°	52.6	58.2	63.8	69.5	75.5	81.4	87.0	92.7	98.5	103.5	107.9
60°	58.2	64.5	70.7	77.3	83.9	90.2	96.5	102.7	108.9	114.6	118.2
57.5°	63.7	70.6	77.5	84.5	91.5	98.6	105.2	112.0	117.7	122.6	126.8
55°	69.0	76.5	83.9	91.2	98.8	106.2	113.4	119.8	125.5	129.5	133.5
52.5°	74.2	82.1	89.7	97.7	105.7	113.5	121.1	127.0	131.6	135.8	139.5
50°	79.1	87.2	95.3	103.9	112.4	120.7	127.8	133.0	137.7	141.7	145.7
47.5°	83.8	92.3	100.9	110.0	118.9	126.9	133.4	138.8	143.6	148.0	152.6
45°	88.4	97.3	106.4	115.8	124.9	132.6	138.9	144.8	149.3	154.2	159.5
42.5°	92.8	102.2	111.7	121.3	130.5	137.8	144.0	149.4	154.7	160.6	166.9
40°	96.9	106.7	116.6	126.7	135.9	142.3	148.4	154.1	160.6	167.5	174.9
37.5°	100.9	111.0	121.3	131.8	139.8	146.4	152.7	159.1	166.5	174.5	184.6
35°	104.5	115.0	125.6	135.7	143.3	150.4	156.8	163.9	172.6	183.2	196.1
32.5°	107.9	118.7	129.6	138.9	146.6	153.9	160.5	169.4	179.9	192.4	210.7
30°	111.0	122.1	133.1	142.0	149.5	156.8	164.9	174.9	187.2	205.5	228.9
27.5°	113.9	125.1	135.8	144.6	152.1	159.7	169.1	181.3	197.4	219.2	248.3
25°	116.6	128.1	138.3	146.7	154.5	162.9	173.2	186.9	208.1	236.2	275.6
22.5°	119.0	130.7	140.8	148.6	156.8	165.9	177.9	195.0	219.4	252.3	303.0
20°	121.2	132.7	142.6	150.3	159.0	168.4	182.1	202.6	232.1	274.7	339.5
17.5°	123.0	134.5	144.0	152.1	161.0	171.2	186.2	209.3	243.5	294.3	376.4
15°	124.6	136.0	145.2	153.5	162.8	174.3	191.8	218.0	256.6	314.7	408.5
12.5°	126.0	137.2	146.1	154.7	164.2	177.0	196.6	226.2	270.2	339.7	455.9
10°	127.0	138.2	146.8	155.7	165.3	179.1	200.5	232.9	281.5	361.4	496.2
7.5°	128.0	138.9	147.3	156.3	166.1	180.7	203.5	238.1	290.2	378.4	528.2
5°	128.7	139.3	147.6	156.7	166.8	181.7	205.6	241.6	296.1	390.6	550.7
2.5°	129.2	139.4	147.7	156.8	167.3	182.2	206.6	243.6	300.8	396.3	562.7
0°	129.3	139.3	147.5	156.6	167.5	182.1	206.7	244.0	303.2	396.1	564.6
-2.5°	129.2	139.4	147.7	156.8	167.3	182.2	206.6	243.6	300.8	396.3	562.7
-5°	128.7	139.3	147.6	156.7	166.8	181.7	205.6	241.6	296.1	390.6	550.7
-7.5°	128.0	138.9	147.3	156.3	166.1	180.7	203.5	238.1	290.2	378.4	528.2
-10°	127.0	138.2	146.8	155.7	165.3	179.1	200.5	232.9	281.5	361.4	496.2
-12.5°	126.0	137.2	146.1	154.7	164.2	177.0	196.6	226.2	270.2	339.7	455.9
-15°	124.6	136.0	145.2	153.5	162.8	174.3	191.8	218.0	256.6	314.7	408.5
-17.5°	123.0	134.5	144.0	152.1	161.0	171.2	186.2	209.3	243.5	294.3	376.4
-20°	121.2	132.7	142.6	150.3	159.0	168.4	182.1	202.6	232.1	274.7	339.5

Classified

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

Scaled Data Report



REPORT NUMBER: P626607 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA1B-730-U-MWR-XX

CANDELA DISTRIBUTION (continued):

	-62.5°	-60°	-57.5°	-55°	-52.5°	-50°	-47.5°	-45°	-42.5°	-40°	-37.5°
-22.5°	119.0	130.7	140.8	148.6	156.8	165.9	177.9	195.0	219.4	252.3	303.0
-25°	116.6	128.1	138.3	146.7	154.5	162.9	173.2	186.9	208.1	236.2	275.6
-27.5°	113.9	125.1	135.8	144.6	152.1	159.7	169.1	181.3	197.4	219.2	248.3
-30°	111.0	122.1	133.1	142.0	149.5	156.8	164.9	174.9	187.2	205.5	228.9
-32.5°	107.9	118.7	129.6	138.9	146.6	153.9	160.5	169.4	179.9	192.4	210.7
-35°	104.5	115.0	125.6	135.7	143.3	150.4	156.8	163.9	172.6	183.2	196.1
-37.5°	100.9	111.0	121.3	131.8	139.8	146.4	152.7	159.1	166.5	174.5	184.6
-40°	96.9	106.7	116.6	126.7	135.9	142.3	148.4	154.1	160.6	167.5	174.9
-42.5°	92.8	102.2	111.7	121.3	130.5	137.8	144.0	149.4	154.7	160.6	166.9
-45°	88.4	97.3	106.4	115.8	124.9	132.6	138.9	144.8	149.3	154.2	159.5
-47.5°	83.8	92.3	100.9	110.0	118.9	126.9	133.4	138.8	143.6	148.0	152.6
-50°	79.1	87.2	95.3	103.9	112.4	120.7	127.8	133.0	137.7	141.7	145.7
-52.5°	74.2	82.1	89.7	97.7	105.7	113.5	121.1	127.0	131.6	135.8	139.5
-55°	69.0	76.5	83.9	91.2	98.8	106.2	113.4	119.8	125.5	129.5	133.5
-57.5°	63.7	70.6	77.5	84.5	91.5	98.6	105.2	112.0	117.7	122.6	126.8
-60°	58.2	64.5	70.7	77.3	83.9	90.2	96.5	102.7	108.9	114.6	118.2
-62.5°	52.6	58.2	63.8	69.5	75.5	81.4	87.0	92.7	98.5	103.5	107.9
-65°	46.5	51.7	56.8	61.8	66.9	72.1	77.3	82.2	87.2	92.0	96.3
-67.5°	40.2	45.1	49.7	54.0	58.5	63.0	67.3	71.7	76.0	80.3	84.4
-70°	34.5	38.4	42.5	46.4	50.2	54.0	57.8	61.5	65.2	68.9	72.5
-72.5°	28.9	32.3	35.6	38.9	42.2	45.4	48.6	51.6	54.7	57.9	61.0
-75°	23.4	26.1	28.9	31.7	34.4	37.0	39.6	42.2	44.8	47.4	49.8
-77.5°	18.2	20.5	22.7	24.8	26.8	28.9	31.0	33.1	35.2	37.3	39.2
-80°	13.3	14.9	16.8	18.6	20.2	21.6	23.1	24.5	25.9	27.5	29.2
-82.5°	9.1	10.2	11.4	12.7	13.7	14.8	15.8	16.8	17.8	18.8	19.9
-85°	5.1	5.5	6.2	7.0	7.7	8.3	9.0	9.6	10.2	10.8	11.4
-87.5°	2.5	2.7	3.0	3.2	3.3	3.5	3.7	3.9	4.1	4.2	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: P626607 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA1B-730-U-MWR-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°	4.5	4.5	4.4	4.3	4.2	4.5	4.7	5.0	5.3	5.2	5.0
85°	11.9	12.1	12.4	12.6	12.7	13.3	13.8	14.3	14.8	14.8	14.7
82.5°	20.9	21.5	22.1	22.6	23.1	23.7	24.3	24.8	25.3	25.6	25.9
80°	30.7	31.8	32.8	33.6	34.4	35.3	36.1	36.8	37.4	37.8	38.0
77.5°	41.2	42.8	44.2	45.6	46.8	48.1	49.3	50.3	51.2	51.4	51.4
75°	52.2	54.3	56.3	58.2	59.9	61.4	62.7	63.7	64.6	65.0	65.2
72.5°	63.9	66.5	68.9	71.0	72.8	74.3	75.7	76.8	77.7	78.3	78.7
70°	76.0	79.1	81.6	83.6	85.1	86.6	88.3	89.9	91.4	92.3	92.6
67.5°	88.2	91.4	93.6	95.4	96.9	98.4	100.5	102.5	104.2	105.3	106.1
65°	100.1	103.5	105.7	107.5	108.8	110.3	112.7	114.6	116.0	117.2	118.2
62.5°	111.9	115.3	117.8	119.9	121.8	123.4	125.4	127.0	128.2	129.3	130.6
60°	122.1	126.2	128.8	130.9	133.2	135.8	137.2	138.4	139.5	140.4	141.2
57.5°	130.4	134.1	137.4	139.9	142.4	144.8	146.5	147.6	148.5	149.2	149.5
55°	137.4	141.1	144.9	147.6	150.0	152.3	154.1	155.6	156.8	157.8	158.0
52.5°	143.7	147.9	151.5	154.7	157.9	160.5	162.5	164.5	166.3	167.7	168.3
50°	150.5	154.8	159.4	163.6	167.1	170.0	172.5	175.3	178.3	180.8	182.3
47.5°	157.6	162.7	168.2	173.4	177.5	181.9	186.0	190.2	195.7	200.4	203.8
45°	165.1	171.6	177.9	184.5	190.1	198.4	206.2	212.9	221.8	229.8	236.2
42.5°	173.9	182.0	189.7	200.3	211.4	222.9	235.2	245.8	259.6	273.7	285.1
40°	184.3	194.7	208.3	222.6	240.1	255.9	277.2	296.2	317.4	344.3	366.5
37.5°	196.9	212.9	231.8	251.8	279.1	305.3	340.5	377.6	411.3	463.0	506.5
35°	213.3	235.6	260.6	295.8	334.5	383.4	438.4	510.1	571.6	658.8	742.2
32.5°	234.4	263.1	303.8	358.1	415.3	504.3	591.5	716.0	831.3	969.6	1118.8
30°	257.8	301.5	363.8	438.2	545.0	675.9	829.6	1020.8	1230.1	1424.3	1615.9
27.5°	291.9	354.4	436.2	556.3	722.8	905.8	1175.2	1434.8	1705.6	1946.3	2147.1
25°	331.6	414.2	540.7	717.6	942.7	1256.1	1578.5	1898.9	2190.2	2442.2	2664.0
22.5°	382.8	501.7	670.3	899.5	1249.9	1625.6	2003.7	2357.1	2667.7	2948.4	3188.5
20°	438.5	587.3	828.1	1169.9	1570.6	1998.6	2425.5	2801.9	3144.0	3462.3	3732.9
17.5°	509.2	717.6	1022.5	1432.5	1895.8	2364.7	2813.2	3221.7	3609.8	3946.6	4229.3
15°	569.5	832.2	1230.3	1711.1	2212.2	2706.9	3180.4	3624.1	4027.6	4373.1	4638.9
12.5°	649.8	960.8	1414.7	1950.5	2493.7	3014.1	3512.8	3971.4	4382.1	4723.8	4930.7
10°	725.7	1093.8	1593.0	2151.8	2716.0	3270.6	3803.1	4273.4	4654.6	4926.5	5102.9
7.5°	790.2	1208.2	1738.0	2314.4	2892.7	3472.5	4011.5	4469.2	4820.7	5047.7	5170.4
5°	838.4	1293.7	1845.6	2446.6	3040.0	3630.0	4164.8	4594.4	4898.2	5066.8	5128.5
2.5°	869.2	1343.9	1908.1	2533.3	3138.6	3729.7	4269.9	4692.8	4950.5	5062.3	5072.9
0°	881.5	1350.4	1917.7	2578.8	3163.4	3758.0	4299.8	4733.3	4970.0	5062.0	5060.2
-2.5°	869.2	1343.9	1908.1	2533.3	3138.6	3729.7	4269.9	4692.8	4950.5	5062.3	5072.9
-5°	838.4	1293.7	1845.6	2446.6	3040.0	3630.0	4164.8	4594.4	4898.2	5066.8	5128.5
-7.5°	790.2	1208.2	1738.0	2314.4	2892.7	3472.5	4011.5	4469.2	4820.7	5047.7	5170.4
-10°	725.7	1093.8	1593.0	2151.8	2716.0	3270.6	3803.1	4273.4	4654.6	4926.5	5102.9
-12.5°	649.8	960.8	1414.7	1950.5	2493.7	3014.1	3512.8	3971.4	4382.1	4723.8	4930.7
-15°	569.5	832.2	1230.3	1711.1	2212.2	2706.9	3180.4	3624.1	4027.6	4373.1	4638.9
-17.5°	509.2	717.6	1022.5	1432.5	1895.8	2364.7	2813.2	3221.7	3609.8	3946.6	4229.3
-20°	438.5	587.3	828.1	1169.9	1570.6	1998.6	2425.5	2801.9	3144.0	3462.3	3732.9



REPORT NUMBER: P626607 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA1B-730-U-MWR-XX

CANDELA DISTRIBUTION (continued):

	-35°	-32.5°	-30°	-27.5°	-25°	-22.5°	-20°	-17.5°	-15°	-12.5°	-10°
-22.5°	382.8	501.7	670.3	899.5	1249.9	1625.6	2003.7	2357.1	2667.7	2948.4	3188.5
-25°	331.6	414.2	540.7	717.6	942.7	1256.1	1578.5	1898.9	2190.2	2442.2	2664.0
-27.5°	291.9	354.4	436.2	556.3	722.8	905.8	1175.2	1434.8	1705.6	1946.3	2147.1
-30°	257.8	301.5	363.8	438.2	545.0	675.9	829.6	1020.8	1230.1	1424.3	1615.9
-32.5°	234.4	263.1	303.8	358.1	415.3	504.3	591.5	716.0	831.3	969.6	1118.8
-35°	213.3	235.6	260.6	295.8	334.5	383.4	438.4	510.1	571.6	658.8	742.2
-37.5°	196.9	212.9	231.8	251.8	279.1	305.3	340.5	377.6	411.3	463.0	506.5
-40°	184.3	194.7	208.3	222.6	240.1	255.9	277.2	296.2	317.4	344.3	366.5
-42.5°	173.9	182.0	189.7	200.3	211.4	222.9	235.2	245.8	259.6	273.7	285.1
-45°	165.1	171.6	177.9	184.5	190.1	198.4	206.2	212.9	221.8	229.8	236.2
-47.5°	157.6	162.7	168.2	173.4	177.5	181.9	186.0	190.2	195.7	200.4	203.8
-50°	150.5	154.8	159.4	163.6	167.1	170.0	172.5	175.3	178.3	180.8	182.3
-52.5°	143.7	147.9	151.5	154.7	157.9	160.5	162.5	164.5	166.3	167.7	168.3
-55°	137.4	141.1	144.9	147.6	150.0	152.3	154.1	155.6	156.8	157.8	158.0
-57.5°	130.4	134.1	137.4	139.9	142.4	144.8	146.5	147.6	148.5	149.2	149.5
-60°	122.1	126.2	128.8	130.9	133.2	135.8	137.2	138.4	139.5	140.4	141.2
-62.5°	111.9	115.3	117.8	119.9	121.8	123.4	125.4	127.0	128.2	129.3	130.6
-65°	100.1	103.5	105.7	107.5	108.8	110.3	112.7	114.6	116.0	117.2	118.2
-67.5°	88.2	91.4	93.6	95.4	96.9	98.4	100.5	102.5	104.2	105.3	106.1
-70°	76.0	79.1	81.6	83.6	85.1	86.6	88.3	89.9	91.4	92.3	92.6
-72.5°	63.9	66.5	68.9	71.0	72.8	74.3	75.7	76.8	77.7	78.3	78.7
-75°	52.2	54.3	56.3	58.2	59.9	61.4	62.7	63.7	64.6	65.0	65.2
-77.5°	41.2	42.8	44.2	45.6	46.8	48.1	49.3	50.3	51.2	51.4	51.4
-80°	30.7	31.8	32.8	33.6	34.4	35.3	36.1	36.8	37.4	37.8	38.0
-82.5°	20.9	21.5	22.1	22.6	23.1	23.7	24.3	24.8	25.3	25.6	25.9
-85°	11.9	12.1	12.4	12.6	12.7	13.3	13.8	14.3	14.8	14.8	14.7
-87.5°	4.5	4.5	4.4	4.3	4.2	4.5	4.7	5.0	5.3	5.2	5.0
-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: P626607 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA1B-730-U-MWR-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°	4.8	4.6	4.6	4.6	4.6	4.6	4.8	5.0	5.2	5.3	5.0
85°	14.7	14.5	14.1	13.7	14.1	14.5	14.7	14.7	14.8	14.8	14.3
82.5°	26.1	26.3	25.9	25.5	25.9	26.3	26.1	25.9	25.6	25.3	24.8
80°	38.0	38.0	37.7	37.3	37.7	38.0	38.0	38.0	37.8	37.4	36.8
77.5°	51.1	50.8	50.9	51.0	50.9	50.8	51.1	51.4	51.4	51.2	50.3
75°	65.3	65.3	65.1	64.7	65.1	65.3	65.3	65.2	65.0	64.6	63.7
72.5°	78.9	78.9	78.7	78.3	78.7	78.9	78.9	78.7	78.3	77.7	76.8
70°	92.7	92.6	92.8	92.9	92.8	92.6	92.7	92.6	92.3	91.4	89.9
67.5°	106.6	107.0	106.9	106.5	106.9	107.0	106.6	106.1	105.3	104.2	102.5
65°	119.1	119.7	120.1	120.2	120.1	119.7	119.1	118.2	117.2	116.0	114.6
62.5°	131.6	132.3	132.4	132.0	132.4	132.3	131.6	130.6	129.3	128.2	127.0
60°	141.6	141.8	141.6	141.1	141.6	141.8	141.6	141.2	140.4	139.5	138.4
57.5°	149.4	149.2	148.8	148.4	148.8	149.2	149.4	149.5	149.2	148.5	147.6
55°	157.9	157.4	157.0	156.6	157.0	157.4	157.9	158.0	157.8	156.8	155.6
52.5°	168.4	168.2	167.9	167.5	167.9	168.2	168.4	168.3	167.7	166.3	164.5
50°	183.1	183.3	183.3	183.0	183.3	183.3	183.1	182.3	180.8	178.3	175.3
47.5°	206.0	207.2	208.0	208.5	208.0	207.2	206.0	203.8	200.4	195.7	190.2
45°	240.2	242.7	244.4	245.9	244.4	242.7	240.2	236.2	229.8	221.8	212.9
42.5°	293.1	298.6	301.1	300.5	301.1	298.6	293.1	285.1	273.7	259.6	245.8
40°	381.3	390.1	394.9	398.8	394.9	390.1	381.3	366.5	344.3	317.4	296.2
37.5°	536.2	553.2	562.2	570.0	562.2	553.2	536.2	506.5	463.0	411.3	377.6
35°	804.5	842.9	863.4	870.5	863.4	842.9	804.5	742.2	658.8	571.6	510.1
32.5°	1234.9	1305.6	1344.7	1375.0	1344.7	1305.6	1234.9	1118.8	969.6	831.3	716.0
30°	1767.5	1860.7	1912.5	1937.7	1912.5	1860.7	1767.5	1615.9	1424.3	1230.1	1020.8
27.5°	2313.5	2419.5	2475.3	2472.3	2475.3	2419.5	2313.5	2147.1	1946.3	1705.6	1434.8
25°	2854.2	2976.9	3032.5	3082.4	3032.5	2976.9	2854.2	2664.0	2442.2	2190.2	1898.9
22.5°	3401.1	3544.6	3623.0	3659.7	3623.0	3544.6	3401.1	3188.5	2948.4	2667.7	2357.1
20°	3941.5	4101.3	4184.4	4220.6	4184.4	4101.3	3941.5	3732.9	3462.3	3144.0	2801.9
17.5°	4420.7	4576.7	4656.0	4689.6	4656.0	4576.7	4420.7	4229.3	3946.6	3609.8	3221.7
15°	4803.4	4918.5	4985.8	5003.7	4985.8	4918.5	4803.4	4638.9	4373.1	4027.6	3624.1
12.5°	5068.0	5112.5	5144.9	5154.9	5144.9	5112.5	5068.0	4930.7	4723.8	4382.1	3971.4
10°	5203.2	5183.1	5174.7	5175.8	5174.7	5183.1	5203.2	5102.9	4926.5	4654.6	4273.4
7.5°	5193.9	5164.1	5104.3	5094.8	5104.3	5164.1	5193.9	5170.4	5047.7	4820.7	4469.2
5°	5119.2	5065.1	4965.8	4937.2	4965.8	5065.1	5119.2	5128.5	5066.8	4898.2	4594.4
2.5°	5032.3	4934.6	4843.1	4784.3	4843.1	4934.6	5032.3	5072.9	5062.3	4950.5	4692.8
0°	5006.4	4893.5	4775.2	4736.9	4775.2	4893.5	5006.4	5060.2	5062.0	4970.0	4733.3
-2.5°	5032.3	4934.6	4843.1	4784.3	4843.1	4934.6	5032.3	5072.9	5062.3	4950.5	4692.8
-5°	5119.2	5065.1	4965.8	4937.2	4965.8	5065.1	5119.2	5128.5	5066.8	4898.2	4594.4
-7.5°	5193.9	5164.1	5104.3	5094.8	5104.3	5164.1	5193.9	5170.4	5047.7	4820.7	4469.2
-10°	5203.2	5183.1	5174.7	5175.8	5174.7	5183.1	5203.2	5102.9	4926.5	4654.6	4273.4
-12.5°	5068.0	5112.5	5144.9	5154.9	5144.9	5112.5	5068.0	4930.7	4723.8	4382.1	3971.4
-15°	4803.4	4918.5	4985.8	5003.7	4985.8	4918.5	4803.4	4638.9	4373.1	4027.6	3624.1
-17.5°	4420.7	4576.7	4656.0	4689.6	4656.0	4576.7	4420.7	4229.3	3946.6	3609.8	3221.7
-20°	3941.5	4101.3	4184.4	4220.6	4184.4	4101.3	3941.5	3732.9	3462.3	3144.0	2801.9



REPORT NUMBER: P626607 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA1B-730-U-MWR-XX

CANDELA DISTRIBUTION (continued):

	-7.5°	-5°	-2.5°	0°	2.5°	5°	7.5°	10°	12.5°	15°	17.5°
-22.5°	3401.1	3544.6	3623.0	3659.7	3623.0	3544.6	3401.1	3188.5	2948.4	2667.7	2357.1
-25°	2854.2	2976.9	3032.5	3082.4	3032.5	2976.9	2854.2	2664.0	2442.2	2190.2	1898.9
-27.5°	2313.5	2419.5	2475.3	2472.3	2475.3	2419.5	2313.5	2147.1	1946.3	1705.6	1434.8
-30°	1767.5	1860.7	1912.5	1937.7	1912.5	1860.7	1767.5	1615.9	1424.3	1230.1	1020.8
-32.5°	1234.9	1305.6	1344.7	1375.0	1344.7	1305.6	1234.9	1118.8	969.6	831.3	716.0
-35°	804.5	842.9	863.4	870.5	863.4	842.9	804.5	742.2	658.8	571.6	510.1
-37.5°	536.2	553.2	562.2	570.0	562.2	553.2	536.2	506.5	463.0	411.3	377.6
-40°	381.3	390.1	394.9	398.8	394.9	390.1	381.3	366.5	344.3	317.4	296.2
-42.5°	293.1	298.6	301.1	300.5	301.1	298.6	293.1	285.1	273.7	259.6	245.8
-45°	240.2	242.7	244.4	245.9	244.4	242.7	240.2	236.2	229.8	221.8	212.9
-47.5°	206.0	207.2	208.0	208.5	208.0	207.2	206.0	203.8	200.4	195.7	190.2
-50°	183.1	183.3	183.3	183.0	183.3	183.3	183.1	182.3	180.8	178.3	175.3
-52.5°	168.4	168.2	167.9	167.5	167.9	168.2	168.4	168.3	167.7	166.3	164.5
-55°	157.9	157.4	157.0	156.6	157.0	157.4	157.9	158.0	157.8	156.8	155.6
-57.5°	149.4	149.2	148.8	148.4	148.8	149.2	149.4	149.5	149.2	148.5	147.6
-60°	141.6	141.8	141.6	141.1	141.6	141.8	141.6	141.2	140.4	139.5	138.4
-62.5°	131.6	132.3	132.4	132.0	132.4	132.3	131.6	130.6	129.3	128.2	127.0
-65°	119.1	119.7	120.1	120.2	120.1	119.7	119.1	118.2	117.2	116.0	114.6
-67.5°	106.6	107.0	106.9	106.5	106.9	107.0	106.6	106.1	105.3	104.2	102.5
-70°	92.7	92.6	92.8	92.9	92.8	92.6	92.7	92.6	92.3	91.4	89.9
-72.5°	78.9	78.9	78.7	78.3	78.7	78.9	78.9	78.7	78.3	77.7	76.8
-75°	65.3	65.3	65.1	64.7	65.1	65.3	65.3	65.2	65.0	64.6	63.7
-77.5°	51.1	50.8	50.9	51.0	50.9	50.8	51.1	51.4	51.4	51.2	50.3
-80°	38.0	38.0	37.7	37.3	37.7	38.0	38.0	38.0	37.8	37.4	36.8
-82.5°	26.1	26.3	25.9	25.5	25.9	26.3	26.1	25.9	25.6	25.3	24.8
-85°	14.7	14.5	14.1	13.7	14.1	14.5	14.7	14.7	14.8	14.8	14.3
-87.5°	4.8	4.6	4.6	4.6	4.6	4.6	4.8	5.0	5.2	5.3	5.0
-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: P626607 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA1B-730-U-MWR-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°	4.7	4.5	4.2	4.3	4.4	4.5	4.5	4.4	4.2	4.1	3.9
85°	13.8	13.3	12.7	12.6	12.4	12.1	11.9	11.4	10.8	10.2	9.6
82.5°	24.3	23.7	23.1	22.6	22.1	21.5	20.9	19.9	18.8	17.8	16.8
80°	36.1	35.3	34.4	33.6	32.8	31.8	30.7	29.2	27.5	25.9	24.5
77.5°	49.3	48.1	46.8	45.6	44.2	42.8	41.2	39.2	37.3	35.2	33.1
75°	62.7	61.4	59.9	58.2	56.3	54.3	52.2	49.8	47.4	44.8	42.2
72.5°	75.7	74.3	72.8	71.0	68.9	66.5	63.9	61.0	57.9	54.7	51.6
70°	88.3	86.6	85.1	83.6	81.6	79.1	76.0	72.5	68.9	65.2	61.5
67.5°	100.5	98.4	96.9	95.4	93.6	91.4	88.2	84.4	80.3	76.0	71.7
65°	112.7	110.3	108.8	107.5	105.7	103.5	100.1	96.3	92.0	87.2	82.2
62.5°	125.4	123.4	121.8	119.9	117.8	115.3	111.9	107.9	103.5	98.5	92.7
60°	137.2	135.8	133.2	130.9	128.8	126.2	122.1	118.2	114.6	108.9	102.7
57.5°	146.5	144.8	142.4	139.9	137.4	134.1	130.4	126.8	122.6	117.7	112.0
55°	154.1	152.3	150.0	147.6	144.9	141.1	137.4	133.5	129.5	125.5	119.8
52.5°	162.5	160.5	157.9	154.7	151.5	147.9	143.7	139.5	135.8	131.6	127.0
50°	172.5	170.0	167.1	163.6	159.4	154.8	150.5	145.7	141.7	137.7	133.0
47.5°	186.0	181.9	177.5	173.4	168.2	162.7	157.6	152.6	148.0	143.6	138.8
45°	206.2	198.4	190.1	184.5	177.9	171.6	165.1	159.5	154.2	149.3	144.8
42.5°	235.2	222.9	211.4	200.3	189.7	182.0	173.9	166.9	160.6	154.7	149.4
40°	277.2	255.9	240.1	222.6	208.3	194.7	184.3	174.9	167.5	160.6	154.1
37.5°	340.5	305.3	279.1	251.8	231.8	212.9	196.9	184.6	174.5	166.5	159.1
35°	438.4	383.4	334.5	295.8	260.6	235.6	213.3	196.1	183.2	172.6	163.9
32.5°	591.5	504.3	415.3	358.1	303.8	263.1	234.4	210.7	192.4	179.9	169.4
30°	829.6	675.9	545.0	438.2	363.8	301.5	257.8	228.9	205.5	187.2	174.9
27.5°	1175.2	905.8	722.8	556.3	436.2	354.4	291.9	248.3	219.2	197.4	181.3
25°	1578.5	1256.1	942.7	717.6	540.7	414.2	331.6	275.6	236.2	208.1	186.9
22.5°	2003.7	1625.6	1249.9	899.5	670.3	501.7	382.8	303.0	252.3	219.4	195.0
20°	2425.5	1998.6	1570.6	1169.9	828.1	587.3	438.5	339.5	274.7	232.1	202.6
17.5°	2813.2	2364.7	1895.8	1432.5	1022.5	717.6	509.2	376.4	294.3	243.5	209.3
15°	3180.4	2706.9	2212.2	1711.1	1230.3	832.2	569.5	408.5	314.7	256.6	218.0
12.5°	3512.8	3014.1	2493.7	1950.5	1414.7	960.8	649.8	455.9	339.7	270.2	226.2
10°	3803.1	3270.6	2716.0	2151.8	1593.0	1093.8	725.7	496.2	361.4	281.5	232.9
7.5°	4011.5	3472.5	2892.7	2314.4	1738.0	1208.2	790.2	528.2	378.4	290.2	238.1
5°	4164.8	3630.0	3040.0	2446.6	1845.6	1293.7	838.4	550.7	390.6	296.1	241.6
2.5°	4269.9	3729.7	3138.6	2533.3	1908.1	1343.9	869.2	562.7	396.3	300.8	243.6
0°	4299.8	3758.0	3163.4	2578.8	1917.7	1350.4	881.5	564.6	396.1	303.2	244.0
-2.5°	4269.9	3729.7	3138.6	2533.3	1908.1	1343.9	869.2	562.7	396.3	300.8	243.6
-5°	4164.8	3630.0	3040.0	2446.6	1845.6	1293.7	838.4	550.7	390.6	296.1	241.6
-7.5°	4011.5	3472.5	2892.7	2314.4	1738.0	1208.2	790.2	528.2	378.4	290.2	238.1
-10°	3803.1	3270.6	2716.0	2151.8	1593.0	1093.8	725.7	496.2	361.4	281.5	232.9
-12.5°	3512.8	3014.1	2493.7	1950.5	1414.7	960.8	649.8	455.9	339.7	270.2	226.2
-15°	3180.4	2706.9	2212.2	1711.1	1230.3	832.2	569.5	408.5	314.7	256.6	218.0
-17.5°	2813.2	2364.7	1895.8	1432.5	1022.5	717.6	509.2	376.4	294.3	243.5	209.3
-20°	2425.5	1998.6	1570.6	1169.9	828.1	587.3	438.5	339.5	274.7	232.1	202.6

Classified

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

Scaled Data Report



REPORT NUMBER: P626607 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA1B-730-U-MWR-XX

CANDELA DISTRIBUTION (continued):

	20°	22.5°	25°	27.5°	30°	32.5°	35°	37.5°	40°	42.5°	45°
-22.5°	2003.7	1625.6	1249.9	899.5	670.3	501.7	382.8	303.0	252.3	219.4	195.0
-25°	1578.5	1256.1	942.7	717.6	540.7	414.2	331.6	275.6	236.2	208.1	186.9
-27.5°	1175.2	905.8	722.8	556.3	436.2	354.4	291.9	248.3	219.2	197.4	181.3
-30°	829.6	675.9	545.0	438.2	363.8	301.5	257.8	228.9	205.5	187.2	174.9
-32.5°	591.5	504.3	415.3	358.1	303.8	263.1	234.4	210.7	192.4	179.9	169.4
-35°	438.4	383.4	334.5	295.8	260.6	235.6	213.3	196.1	183.2	172.6	163.9
-37.5°	340.5	305.3	279.1	251.8	231.8	212.9	196.9	184.6	174.5	166.5	159.1
-40°	277.2	255.9	240.1	222.6	208.3	194.7	184.3	174.9	167.5	160.6	154.1
-42.5°	235.2	222.9	211.4	200.3	189.7	182.0	173.9	166.9	160.6	154.7	149.4
-45°	206.2	198.4	190.1	184.5	177.9	171.6	165.1	159.5	154.2	149.3	144.8
-47.5°	186.0	181.9	177.5	173.4	168.2	162.7	157.6	152.6	148.0	143.6	138.8
-50°	172.5	170.0	167.1	163.6	159.4	154.8	150.5	145.7	141.7	137.7	133.0
-52.5°	162.5	160.5	157.9	154.7	151.5	147.9	143.7	139.5	135.8	131.6	127.0
-55°	154.1	152.3	150.0	147.6	144.9	141.1	137.4	133.5	129.5	125.5	119.8
-57.5°	146.5	144.8	142.4	139.9	137.4	134.1	130.4	126.8	122.6	117.7	112.0
-60°	137.2	135.8	133.2	130.9	128.8	126.2	122.1	118.2	114.6	108.9	102.7
-62.5°	125.4	123.4	121.8	119.9	117.8	115.3	111.9	107.9	103.5	98.5	92.7
-65°	112.7	110.3	108.8	107.5	105.7	103.5	100.1	96.3	92.0	87.2	82.2
-67.5°	100.5	98.4	96.9	95.4	93.6	91.4	88.2	84.4	80.3	76.0	71.7
-70°	88.3	86.6	85.1	83.6	81.6	79.1	76.0	72.5	68.9	65.2	61.5
-72.5°	75.7	74.3	72.8	71.0	68.9	66.5	63.9	61.0	57.9	54.7	51.6
-75°	62.7	61.4	59.9	58.2	56.3	54.3	52.2	49.8	47.4	44.8	42.2
-77.5°	49.3	48.1	46.8	45.6	44.2	42.8	41.2	39.2	37.3	35.2	33.1
-80°	36.1	35.3	34.4	33.6	32.8	31.8	30.7	29.2	27.5	25.9	24.5
-82.5°	24.3	23.7	23.1	22.6	22.1	21.5	20.9	19.9	18.8	17.8	16.8
-85°	13.8	13.3	12.7	12.6	12.4	12.1	11.9	11.4	10.8	10.2	9.6
-87.5°	4.7	4.5	4.2	4.3	4.4	4.5	4.5	4.4	4.2	4.1	3.9
-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: P626607 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA1B-730-U-MWR-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°	3.7	3.5	3.3	3.2	3.0	2.7	2.5	2.3	2.0	1.7	1.5
85°	9.0	8.3	7.7	7.0	6.2	5.5	5.1	4.6	4.0	3.4	2.9
82.5°	15.8	14.8	13.7	12.7	11.4	10.2	9.1	7.9	6.6	5.3	4.3
80°	23.1	21.6	20.2	18.6	16.8	14.9	13.3	11.7	10.1	8.5	6.7
77.5°	31.0	28.9	26.8	24.8	22.7	20.5	18.2	15.8	13.7	11.7	9.6
75°	39.6	37.0	34.4	31.7	28.9	26.1	23.4	20.6	17.8	15.0	12.5
72.5°	48.6	45.4	42.2	38.9	35.6	32.3	28.9	25.5	22.2	18.9	15.5
70°	57.8	54.0	50.2	46.4	42.5	38.4	34.5	30.5	26.5	22.7	18.9
67.5°	67.3	63.0	58.5	54.0	49.7	45.1	40.2	35.5	31.0	26.5	22.2
65°	77.3	72.1	66.9	61.8	56.8	51.7	46.5	40.6	35.3	30.3	25.5
62.5°	87.0	81.4	75.5	69.5	63.8	58.2	52.6	46.1	39.7	34.1	28.7
60°	96.5	90.2	83.9	77.3	70.7	64.5	58.2	51.4	44.5	37.7	31.8
57.5°	105.2	98.6	91.5	84.5	77.5	70.6	63.7	56.5	49.1	41.7	34.9
55°	113.4	106.2	98.8	91.2	83.9	76.5	69.0	61.3	53.6	45.6	37.9
52.5°	121.1	113.5	105.7	97.7	89.7	82.1	74.2	66.1	57.8	49.4	41.2
50°	127.8	120.7	112.4	103.9	95.3	87.2	79.1	70.6	61.9	53.1	44.4
47.5°	133.4	126.9	118.9	110.0	100.9	92.3	83.8	75.0	65.9	56.6	47.5
45°	138.9	132.6	124.9	115.8	106.4	97.3	88.4	79.2	69.6	60.0	50.5
42.5°	144.0	137.8	130.5	121.3	111.7	102.2	92.8	83.2	73.3	63.2	53.3
40°	148.4	142.3	135.9	126.7	116.6	106.7	96.9	87.0	76.7	66.3	55.9
37.5°	152.7	146.4	139.8	131.8	121.3	111.0	100.9	90.7	80.1	69.2	58.4
35°	156.8	150.4	143.3	135.7	125.6	115.0	104.5	94.2	83.2	72.1	60.8
32.5°	160.5	153.9	146.6	138.9	129.6	118.7	107.9	97.2	86.1	74.7	63.0
30°	164.9	156.8	149.5	142.0	133.1	122.1	111.0	100.0	88.8	77.3	65.0
27.5°	169.1	159.7	152.1	144.6	135.8	125.1	113.9	102.6	91.3	79.6	67.0
25°	173.2	162.9	154.5	146.7	138.3	128.1	116.6	105.0	93.5	81.6	68.9
22.5°	177.9	165.9	156.8	148.6	140.8	130.7	119.0	107.2	95.4	83.4	70.6
20°	182.1	168.4	159.0	150.3	142.6	132.7	121.2	109.1	97.1	85.0	72.1
17.5°	186.2	171.2	161.0	152.1	144.0	134.5	123.0	110.8	98.6	86.4	73.5
15°	191.8	174.3	162.8	153.5	145.2	136.0	124.6	112.3	99.9	87.5	74.7
12.5°	196.6	177.0	164.2	154.7	146.1	137.2	126.0	113.5	101.0	88.6	75.8
10°	200.5	179.1	165.3	155.7	146.8	138.2	127.0	114.5	102.0	89.5	76.7
7.5°	203.5	180.7	166.1	156.3	147.3	138.9	128.0	115.4	102.8	90.2	77.4
5°	205.6	181.7	166.8	156.7	147.6	139.3	128.7	116.1	103.3	90.7	77.9
2.5°	206.6	182.2	167.3	156.8	147.7	139.4	129.2	116.5	103.7	91.0	78.2
0°	206.7	182.1	167.5	156.6	147.5	139.3	129.3	116.6	103.8	91.1	78.3
-2.5°	206.6	182.2	167.3	156.8	147.7	139.4	129.2	116.5	103.7	91.0	78.2
-5°	205.6	181.7	166.8	156.7	147.6	139.3	128.7	116.1	103.3	90.7	77.9
-7.5°	203.5	180.7	166.1	156.3	147.3	138.9	128.0	115.4	102.8	90.2	77.4
-10°	200.5	179.1	165.3	155.7	146.8	138.2	127.0	114.5	102.0	89.5	76.7
-12.5°	196.6	177.0	164.2	154.7	146.1	137.2	126.0	113.5	101.0	88.6	75.8
-15°	191.8	174.3	162.8	153.5	145.2	136.0	124.6	112.3	99.9	87.5	74.7
-17.5°	186.2	171.2	161.0	152.1	144.0	134.5	123.0	110.8	98.6	86.4	73.5
-20°	182.1	168.4	159.0	150.3	142.6	132.7	121.2	109.1	97.1	85.0	72.1

Classified

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Scaled Data Report



REPORT NUMBER: P626607 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA1B-730-U-MWR-XX

CANDELA DISTRIBUTION (continued):

	47.5°	50°	52.5°	55°	57.5°	60°	62.5°	65°	67.5°	70°	72.5°
-22.5°	177.9	165.9	156.8	148.6	140.8	130.7	119.0	107.2	95.4	83.4	70.6
-25°	173.2	162.9	154.5	146.7	138.3	128.1	116.6	105.0	93.5	81.6	68.9
-27.5°	169.1	159.7	152.1	144.6	135.8	125.1	113.9	102.6	91.3	79.6	67.0
-30°	164.9	156.8	149.5	142.0	133.1	122.1	111.0	100.0	88.8	77.3	65.0
-32.5°	160.5	153.9	146.6	138.9	129.6	118.7	107.9	97.2	86.1	74.7	63.0
-35°	156.8	150.4	143.3	135.7	125.6	115.0	104.5	94.2	83.2	72.1	60.8
-37.5°	152.7	146.4	139.8	131.8	121.3	111.0	100.9	90.7	80.1	69.2	58.4
-40°	148.4	142.3	135.9	126.7	116.6	106.7	96.9	87.0	76.7	66.3	55.9
-42.5°	144.0	137.8	130.5	121.3	111.7	102.2	92.8	83.2	73.3	63.2	53.3
-45°	138.9	132.6	124.9	115.8	106.4	97.3	88.4	79.2	69.6	60.0	50.5
-47.5°	133.4	126.9	118.9	110.0	100.9	92.3	83.8	75.0	65.9	56.6	47.5
-50°	127.8	120.7	112.4	103.9	95.3	87.2	79.1	70.6	61.9	53.1	44.4
-52.5°	121.1	113.5	105.7	97.7	89.7	82.1	74.2	66.1	57.8	49.4	41.2
-55°	113.4	106.2	98.8	91.2	83.9	76.5	69.0	61.3	53.6	45.6	37.9
-57.5°	105.2	98.6	91.5	84.5	77.5	70.6	63.7	56.5	49.1	41.7	34.9
-60°	96.5	90.2	83.9	77.3	70.7	64.5	58.2	51.4	44.5	37.7	31.8
-62.5°	87.0	81.4	75.5	69.5	63.8	58.2	52.6	46.1	39.7	34.1	28.7
-65°	77.3	72.1	66.9	61.8	56.8	51.7	46.5	40.6	35.3	30.3	25.5
-67.5°	67.3	63.0	58.5	54.0	49.7	45.1	40.2	35.5	31.0	26.5	22.2
-70°	57.8	54.0	50.2	46.4	42.5	38.4	34.5	30.5	26.5	22.7	18.9
-72.5°	48.6	45.4	42.2	38.9	35.6	32.3	28.9	25.5	22.2	18.9	15.5
-75°	39.6	37.0	34.4	31.7	28.9	26.1	23.4	20.6	17.8	15.0	12.5
-77.5°	31.0	28.9	26.8	24.8	22.7	20.5	18.2	15.8	13.7	11.7	9.6
-80°	23.1	21.6	20.2	18.6	16.8	14.9	13.3	11.7	10.1	8.5	6.7
-82.5°	15.8	14.8	13.7	12.7	11.4	10.2	9.1	7.9	6.6	5.3	4.3
-85°	9.0	8.3	7.7	7.0	6.2	5.5	5.1	4.6	4.0	3.4	2.9
-87.5°	3.7	3.5	3.3	3.2	3.0	2.7	2.5	2.3	2.0	1.7	1.5
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

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REPORT NUMBER: P626607 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA1B-730-U-MWR-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°	2.4	2.0	1.6	1.2	0.8	0.4	0.0
82.5°	3.6	3.0	2.4	1.8	1.2	0.6	0.0
80°	4.9	4.0	3.2	2.4	1.6	0.8	0.0
77.5°	7.4	5.3	4.0	3.0	2.0	1.0	0.0
75°	10.0	7.4	4.9	3.6	2.4	1.2	0.0
72.5°	12.5	9.5	6.6	4.1	2.8	1.4	0.0
70°	15.0	11.6	8.2	4.8	3.1	1.6	0.0
67.5°	17.8	13.6	9.8	6.1	3.5	1.8	0.0
65°	20.6	15.7	11.4	7.2	3.9	1.9	0.0
62.5°	23.3	18.0	13.0	8.4	4.2	2.1	0.0
60°	25.9	20.1	14.5	9.6	4.6	2.3	0.0
57.5°	28.6	22.3	16.2	10.7	5.3	2.5	0.0
55°	31.2	24.3	17.8	11.8	6.0	2.6	0.0
52.5°	33.7	26.3	19.4	12.8	6.7	2.8	0.0
50°	36.1	28.4	20.9	13.9	7.4	3.0	0.0
47.5°	38.6	30.4	22.3	14.9	8.0	3.1	0.0
45°	41.1	32.3	23.7	15.9	8.6	3.3	0.0
42.5°	43.5	34.1	25.0	16.9	9.2	3.4	0.0
40°	45.8	35.9	26.4	17.8	9.7	3.5	0.0
37.5°	48.0	37.6	27.7	18.6	10.3	3.6	0.0
35°	50.0	39.3	29.0	19.4	10.7	3.8	0.0
32.5°	51.9	40.9	30.2	20.2	11.2	3.9	0.0
30°	53.6	42.4	31.3	20.9	11.6	4.0	0.0
27.5°	55.2	43.7	32.3	21.5	12.0	4.1	0.0
25°	56.6	44.9	33.3	22.1	12.3	4.2	0.0
22.5°	57.9	46.0	34.1	22.6	12.6	4.2	0.0
20°	59.0	47.0	34.8	23.1	12.9	4.3	0.0
17.5°	60.1	47.8	35.5	23.5	13.1	4.4	0.0
15°	61.0	48.5	36.0	23.8	13.3	4.4	0.0
12.5°	61.8	49.1	36.5	24.1	13.5	4.5	0.0
10°	62.5	49.5	36.8	24.3	13.6	4.5	0.0
7.5°	63.0	49.8	37.1	24.5	13.7	4.6	0.0
5°	63.4	50.1	37.3	24.6	13.7	4.6	0.0
2.5°	63.6	50.1	37.3	24.6	13.7	4.6	0.0
0°	63.7	50.1	37.3	24.6	13.7	4.6	0.0
-2.5°	63.6	50.1	37.3	24.6	13.7	4.6	0.0
-5°	63.4	50.1	37.3	24.6	13.7	4.6	0.0
-7.5°	63.0	49.8	37.1	24.5	13.7	4.6	0.0
-10°	62.5	49.5	36.8	24.3	13.6	4.5	0.0
-12.5°	61.8	49.1	36.5	24.1	13.5	4.5	0.0
-15°	61.0	48.5	36.0	23.8	13.3	4.4	0.0
-17.5°	60.1	47.8	35.5	23.5	13.1	4.4	0.0
-20°	59.0	47.0	34.8	23.1	12.9	4.3	0.0

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CANDELA DISTRIBUTION (continued):

	75°	77.5°	80°	82.5°	85°	87.5°	90°
-22.5°	57.9	46.0	34.1	22.6	12.6	4.2	0.0
-25°	56.6	44.9	33.3	22.1	12.3	4.2	0.0
-27.5°	55.2	43.7	32.3	21.5	12.0	4.1	0.0
-30°	53.6	42.4	31.3	20.9	11.6	4.0	0.0
-32.5°	51.9	40.9	30.2	20.2	11.2	3.9	0.0
-35°	50.0	39.3	29.0	19.4	10.7	3.8	0.0
-37.5°	48.0	37.6	27.7	18.6	10.3	3.6	0.0
-40°	45.8	35.9	26.4	17.8	9.7	3.5	0.0
-42.5°	43.5	34.1	25.0	16.9	9.2	3.4	0.0
-45°	41.1	32.3	23.7	15.9	8.6	3.3	0.0
-47.5°	38.6	30.4	22.3	14.9	8.0	3.1	0.0
-50°	36.1	28.4	20.9	13.9	7.4	3.0	0.0
-52.5°	33.7	26.3	19.4	12.8	6.7	2.8	0.0
-55°	31.2	24.3	17.8	11.8	6.0	2.6	0.0
-57.5°	28.6	22.3	16.2	10.7	5.3	2.5	0.0
-60°	25.9	20.1	14.5	9.6	4.6	2.3	0.0
-62.5°	23.3	18.0	13.0	8.4	4.2	2.1	0.0
-65°	20.6	15.7	11.4	7.2	3.9	1.9	0.0
-67.5°	17.8	13.6	9.8	6.1	3.5	1.8	0.0
-70°	15.0	11.6	8.2	4.8	3.1	1.6	0.0
-72.5°	12.5	9.5	6.6	4.1	2.8	1.4	0.0
-75°	10.0	7.4	4.9	3.6	2.4	1.2	0.0
-77.5°	7.4	5.3	4.0	3.0	2.0	1.0	0.0
-80°	4.9	4.0	3.2	2.4	1.6	0.8	0.0
-82.5°	3.6	3.0	2.4	1.8	1.2	0.6	0.0
-85°	2.4	2.0	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)