

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: P626845 (CONVERTED FROM TYPE C PHOTOMETRY)

Luminaire Tested: **GFLD-SA2B-730-U-MR-XX**

Issue Date: 12/7/2022

Test Information

Test Method: LM-79-08
Report Number: P626845 (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-SA2B-730-U-MR-XX
Description: GALLEON FLOOD, TWO LIGHT SQAURE, MEDIUM SYMMETRICAL ROUND N42
Light Source: (32) 3000K CCT, 70 CRI LEDS
Ballast/Driver: -

Summary

Lumens per Lamp: N/A
Luminaire Lumens: 9023.5 lumens
Efficiency: N/A
Efficacy: 141.9 lumens/watt
Luminous Opening: Rectangular (W 1' x L: 0.5' x H: 0')

NEMA Type: 4H x 4V
Max Intensity: 28881.4 candela
Max Intensity Angle: 0°H x 0°V

Beam Angle (50%): 28.8°H x 29°V
Beam Lumens: 4387.1 lumens
Beam Efficiency: 48.6%

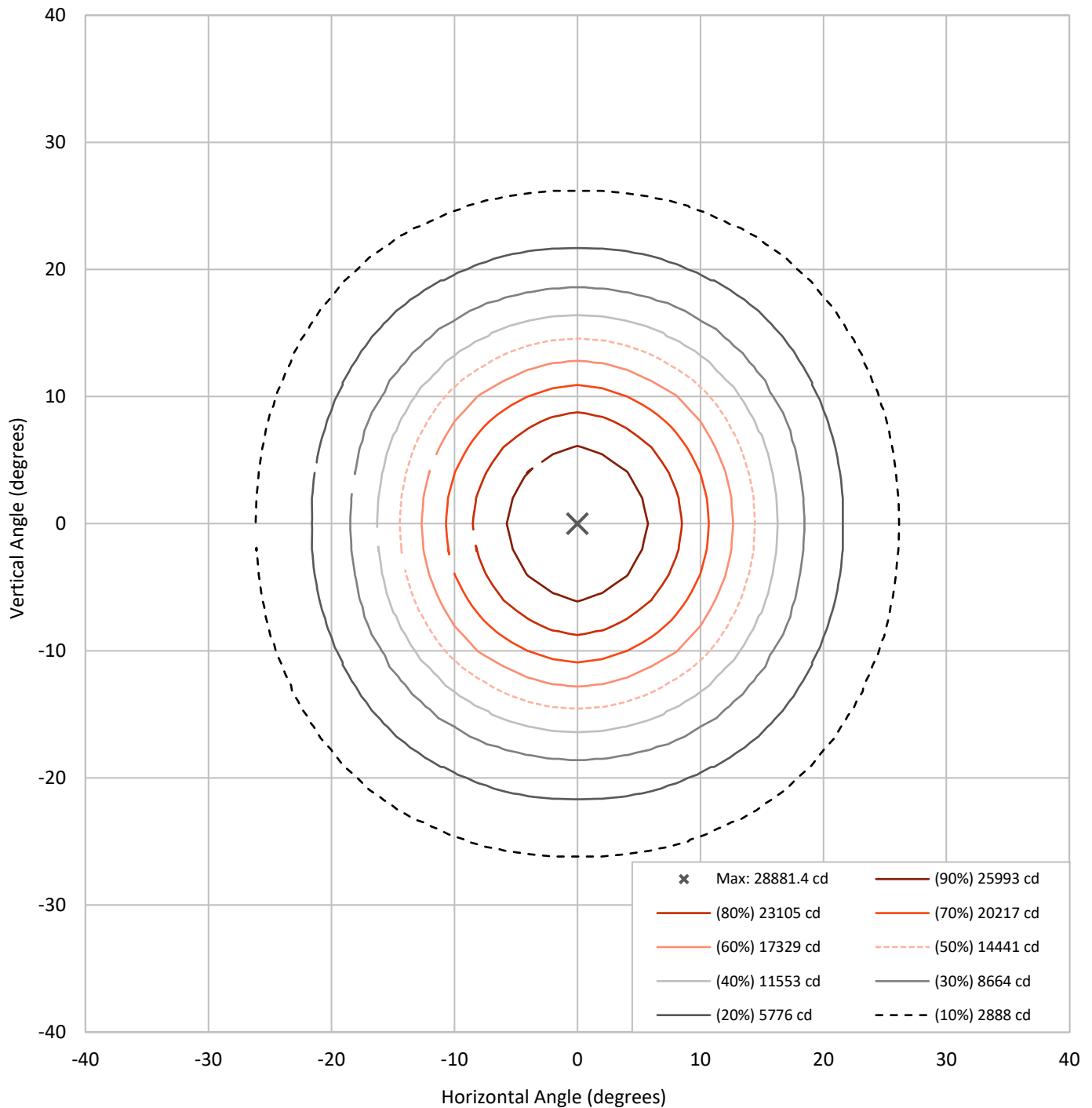
Field Angle (10%): 52.3°H x 52.3°V
Field Lumens: 7403.7 lumens
Field Efficiency: 82.0%

Input Watts (W): 63.6
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





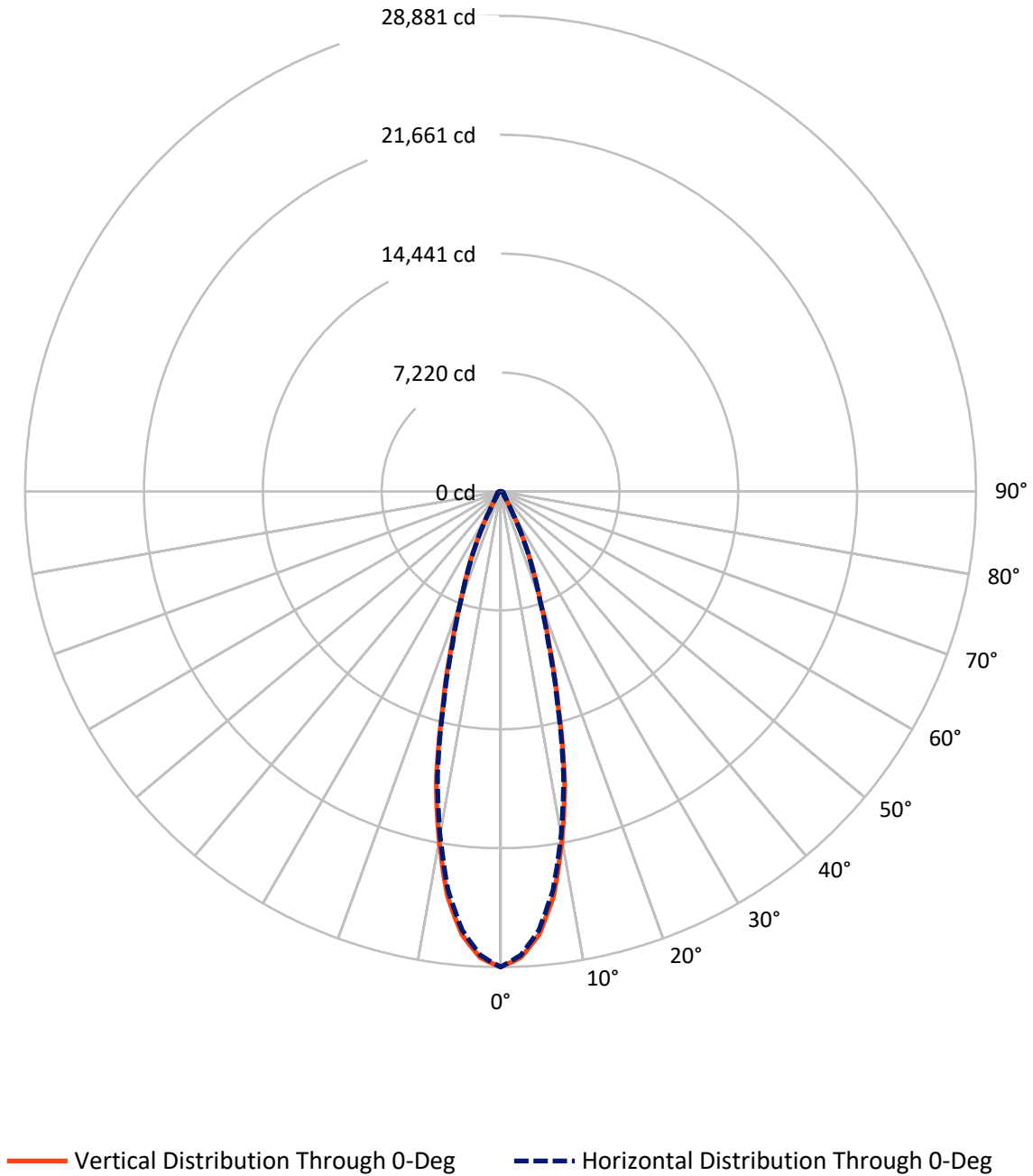
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Lumen Table

90	0.2	1.5		3.9		6.2		6.9		6.2		3.9		1.5		0.2			
80	0.2	1.5		3.9		6.2		6.9		6.2		3.9		1.5		0.2			
70	0.7	0.8	1.6	2.5	3.6	4.4	4.9	5.1	5.1	4.9	4.4	3.6	2.5	1.6	0.8	0.7			
60		1.2	2.3	3.8	5.0	6.2	7.0	7.2	7.2	7.0	6.2	5.0	3.8	2.3	1.2				
50	1.2	1.5	3.0	4.6	6.2	7.8	9.2	9.9	9.9	9.2	7.8	6.2	4.6	3.0	1.5	1.2			
40		1.7	3.5	5.4	7.6	10.8	15.6	20.3	20.3	15.6	10.8	7.6	5.4	3.5	1.7				
30	1.5	2.0	3.8	6.0	9.7	21.1	59.4	105.3	105.3	59.4	21.1	9.7	6.0	3.8	2.0	1.5			
20		2.1	4.0	6.6	13.2	55.4	197.4	378.2	378.2	197.4	55.4	13.2	6.6	4.0	2.1				
10	1.6	2.2	4.1	6.9	16.8	95.6	365.3	718.6	718.6	365.3	95.6	16.8	6.9	4.1	2.2	1.6			
0		2.2	4.1	6.9	16.8	95.6	365.3	718.6	718.6	365.3	95.6	16.8	6.9	4.1	2.2				
-10	1.5	2.1	4.0	6.6	13.2	55.4	197.4	378.2	378.2	197.4	55.4	13.2	6.6	4.0	2.1	1.5			
-20		2.0	3.8	6.0	9.7	21.1	59.4	105.3	105.3	59.4	21.1	9.7	6.0	3.8	2.0				
-30	1.2	1.7	3.5	5.4	7.6	10.8	15.6	20.3	20.3	15.6	10.8	7.6	5.4	3.5	1.7	1.2			
-40		1.5	3.0	4.6	6.2	7.8	9.2	9.9	9.9	9.2	7.8	6.2	4.6	3.0	1.5				
-50	0.7	1.2	2.3	3.8	5.0	6.2	7.0	7.2	7.2	7.0	6.2	5.0	3.8	2.3	1.2	0.7			
-60		0.8	1.6	2.5	3.6	4.4	4.9	5.1	5.1	4.9	4.4	3.6	2.5	1.6	0.8				
-70	0.2	1.5		3.9		6.2		6.9		6.2		3.9		1.5		0.2			
-80		1.5		3.9		6.2		6.9		6.2		3.9		1.5					
-90	0.2	1.5		3.9		6.2		6.9		6.2		3.9		1.5		0.2			
	-90	-80	-70	-60	-50	-40	-30	-20	-10	0	10	20	30	40	50	60	70	80	90

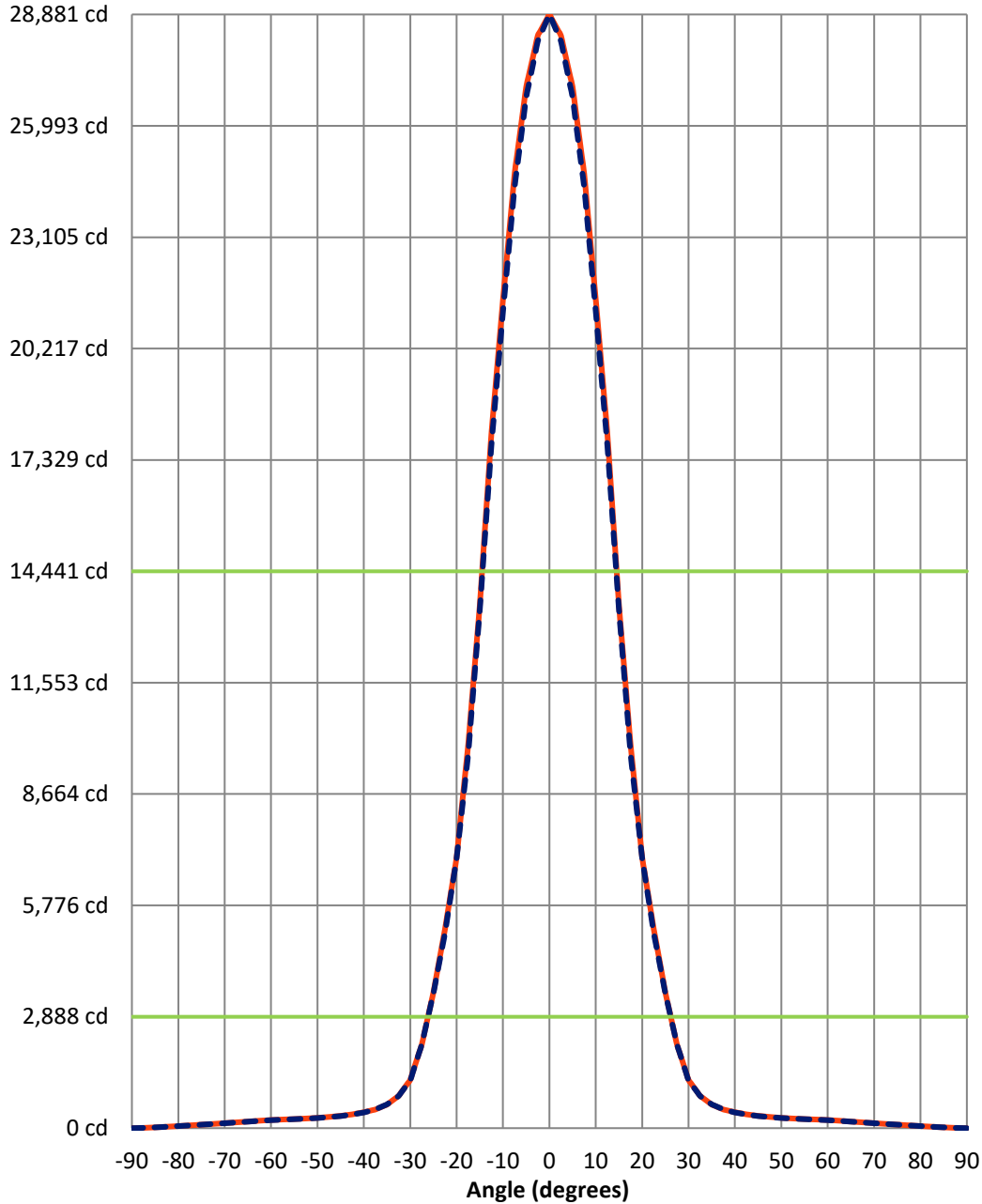
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Luminous Intensity Polar Plot



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Luminous Intensity Plot



Beam:
 H Angle: 28.8°
 V Angle: 29°
 Lumens: 4387.1
 Efficiency: 48.6%

Field:
 H Angle: 52.3°
 V Angle: 52.3°
 Lumens: 7403.7
 Efficiency: 82.0%

Spill:
 Lumens: 1619.8
 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	0.3	0.6	1.0	1.3	1.6	1.9	2.2	2.5	2.8	3.1
85°	0.0	0.6	1.3	1.9	2.6	3.2	3.8	4.4	5.1	5.7	6.2
82.5°	0.0	1.0	1.9	2.9	3.8	4.8	5.7	6.7	7.7	9.5	11.3
80°	0.0	1.3	2.6	3.8	5.1	6.4	7.8	10.0	12.4	14.9	17.5
77.5°	0.0	1.6	3.2	4.8	6.4	8.4	11.1	14.0	17.0	20.2	23.8
75°	0.0	1.9	3.8	5.7	7.8	11.1	14.4	17.9	21.7	26.2	30.6
72.5°	0.0	2.2	4.4	6.7	10.0	13.8	17.6	22.0	27.2	32.3	37.4
70°	0.0	2.5	5.1	7.7	12.1	16.5	20.9	26.7	32.6	38.4	44.7
67.5°	0.0	2.8	5.7	9.3	14.2	19.1	25.0	31.4	37.9	45.0	52.0
65°	0.0	3.1	6.2	10.8	16.3	22.1	28.9	35.9	43.7	51.5	59.4
62.5°	0.0	3.4	6.8	12.4	18.3	25.3	32.9	40.8	49.4	58.0	67.0
60°	0.0	3.7	7.4	13.9	20.3	28.5	36.7	45.6	54.9	64.5	74.4
57.5°	0.0	4.0	8.4	15.3	22.8	31.6	40.7	50.4	60.5	70.9	81.7
55°	0.0	4.2	9.3	16.7	25.2	34.6	44.6	55.0	65.8	77.0	88.8
52.5°	0.0	4.5	10.2	18.1	27.5	37.6	48.3	59.5	71.0	83.3	95.8
50°	0.0	4.8	11.1	19.4	29.8	40.6	52.0	63.9	76.0	89.3	102.2
47.5°	0.0	5.0	12.0	20.8	32.0	43.4	55.4	68.1	81.2	95.1	108.3
45°	0.0	5.2	12.8	22.4	34.1	46.2	58.9	72.1	86.2	100.3	114.0
42.5°	0.0	5.5	13.6	23.9	36.1	48.8	62.2	76.1	90.9	105.1	119.3
40°	0.0	5.7	14.3	25.3	38.1	51.2	65.3	80.0	95.2	109.7	124.3
37.5°	0.0	5.9	15.0	26.6	39.9	53.5	68.3	83.6	99.1	114.1	129.0
35°	0.0	6.1	15.7	27.9	41.7	55.8	71.1	87.0	102.8	118.2	133.5
32.5°	0.0	6.2	16.3	29.0	43.3	58.0	73.7	90.1	106.2	122.0	137.8
30°	0.0	6.4	16.9	30.1	44.8	60.0	76.2	93.0	109.4	125.6	141.8
27.5°	0.0	6.6	17.5	31.0	46.1	61.9	78.5	95.5	112.3	128.9	145.5
25°	0.0	6.7	18.0	31.9	47.4	63.6	80.6	97.8	114.9	131.9	148.9
22.5°	0.0	6.8	18.4	32.6	48.5	65.1	82.4	99.9	117.3	134.6	152.3
20°	0.0	7.0	18.8	33.3	49.6	66.5	84.0	101.7	119.4	137.0	155.3
17.5°	0.0	7.1	19.2	33.9	50.5	67.6	85.5	103.3	121.2	139.1	157.9
15°	0.0	7.1	19.5	34.3	51.4	68.6	86.9	104.8	122.8	140.9	160.1
12.5°	0.0	7.2	19.8	34.7	52.1	69.3	88.0	106.2	124.2	142.4	162.0
10°	0.0	7.3	20.0	35.0	52.7	69.9	89.0	107.4	125.6	144.1	163.6
7.5°	0.0	7.3	20.2	35.2	53.2	70.3	89.8	108.3	126.6	145.6	165.5
5°	0.0	7.4	20.3	35.3	53.5	70.5	90.3	108.9	127.3	146.8	167.0
2.5°	0.0	7.4	20.4	35.3	53.7	70.5	90.7	109.3	127.8	147.7	168.0
0°	0.0	7.4	20.4	35.2	53.8	70.4	90.8	109.4	127.9	148.3	168.7
-2.5°	0.0	7.4	20.4	35.3	53.7	70.5	90.7	109.3	127.8	147.7	168.0
-5°	0.0	7.4	20.3	35.3	53.5	70.5	90.3	108.9	127.3	146.8	167.0
-7.5°	0.0	7.3	20.2	35.2	53.2	70.3	89.8	108.3	126.6	145.6	165.5
-10°	0.0	7.3	20.0	35.0	52.7	69.9	89.0	107.4	125.6	144.1	163.6
-12.5°	0.0	7.2	19.8	34.7	52.1	69.3	88.0	106.2	124.2	142.4	162.0
-15°	0.0	7.1	19.5	34.3	51.4	68.6	86.9	104.8	122.8	140.9	160.1
-17.5°	0.0	7.1	19.2	33.9	50.5	67.6	85.5	103.3	121.2	139.1	157.9
-20°	0.0	7.0	18.8	33.3	49.6	66.5	84.0	101.7	119.4	137.0	155.3

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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	6.8	18.4	32.6	48.5	65.1	82.4	99.9	117.3	134.6	152.3
-25°	0.0	6.7	18.0	31.9	47.4	63.6	80.6	97.8	114.9	131.9	148.9
-27.5°	0.0	6.6	17.5	31.0	46.1	61.9	78.5	95.5	112.3	128.9	145.5
-30°	0.0	6.4	16.9	30.1	44.8	60.0	76.2	93.0	109.4	125.6	141.8
-32.5°	0.0	6.2	16.3	29.0	43.3	58.0	73.7	90.1	106.2	122.0	137.8
-35°	0.0	6.1	15.7	27.9	41.7	55.8	71.1	87.0	102.8	118.2	133.5
-37.5°	0.0	5.9	15.0	26.6	39.9	53.5	68.3	83.6	99.1	114.1	129.0
-40°	0.0	5.7	14.3	25.3	38.1	51.2	65.3	80.0	95.2	109.7	124.3
-42.5°	0.0	5.5	13.6	23.9	36.1	48.8	62.2	76.1	90.9	105.1	119.3
-45°	0.0	5.2	12.8	22.4	34.1	46.2	58.9	72.1	86.2	100.3	114.0
-47.5°	0.0	5.0	12.0	20.8	32.0	43.4	55.4	68.1	81.2	95.1	108.3
-50°	0.0	4.8	11.1	19.4	29.8	40.6	52.0	63.9	76.0	89.3	102.2
-52.5°	0.0	4.5	10.2	18.1	27.5	37.6	48.3	59.5	71.0	83.3	95.8
-55°	0.0	4.2	9.3	16.7	25.2	34.6	44.6	55.0	65.8	77.0	88.8
-57.5°	0.0	4.0	8.4	15.3	22.8	31.6	40.7	50.4	60.5	70.9	81.7
-60°	0.0	3.7	7.4	13.9	20.3	28.5	36.7	45.6	54.9	64.5	74.4
-62.5°	0.0	3.4	6.8	12.4	18.3	25.3	32.9	40.8	49.4	58.0	67.0
-65°	0.0	3.1	6.2	10.8	16.3	22.1	28.9	35.9	43.7	51.5	59.4
-67.5°	0.0	2.8	5.7	9.3	14.2	19.1	25.0	31.4	37.9	45.0	52.0
-70°	0.0	2.5	5.1	7.7	12.1	16.5	20.9	26.7	32.6	38.4	44.7
-72.5°	0.0	2.2	4.4	6.7	10.0	13.8	17.6	22.0	27.2	32.3	37.4
-75°	0.0	1.9	3.8	5.7	7.8	11.1	14.4	17.9	21.7	26.2	30.6
-77.5°	0.0	1.6	3.2	4.8	6.4	8.4	11.1	14.0	17.0	20.2	23.8
-80°	0.0	1.3	2.6	3.8	5.1	6.4	7.8	10.0	12.4	14.9	17.5
-82.5°	0.0	1.0	1.9	2.9	3.8	4.8	5.7	6.7	7.7	9.5	11.3
-85°	0.0	0.6	1.3	1.9	2.6	3.2	3.8	4.4	5.1	5.7	6.2
-87.5°	0.0	0.3	0.6	1.0	1.3	1.6	1.9	2.2	2.5	2.8	3.1
-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°	3.4	3.7	4.0	4.2	4.5	4.8	5.0	5.2	5.5	5.7	5.9
85°	6.8	7.4	8.5	9.6	10.6	11.6	12.6	13.5	14.4	15.3	16.1
82.5°	13.1	14.8	16.4	18.0	19.6	21.1	22.6	24.0	25.3	26.6	27.8
80°	19.8	22.1	24.4	26.5	28.6	30.6	32.6	34.4	36.2	38.2	40.2
77.5°	27.0	29.9	32.6	35.0	37.6	40.8	43.8	46.7	49.5	52.2	54.8
75°	34.4	37.7	41.4	44.9	48.7	52.5	56.1	59.7	63.2	66.7	70.2
72.5°	42.2	46.7	51.1	55.3	60.0	64.6	68.9	72.8	77.1	81.9	86.3
70°	50.5	55.7	61.2	66.6	71.9	77.1	82.3	87.6	92.9	98.1	103.0
67.5°	58.8	65.3	71.7	77.9	83.9	90.0	96.3	102.6	108.7	114.6	120.3
65°	67.7	74.9	82.0	89.0	95.7	103.2	110.5	117.6	125.4	132.6	138.9
62.5°	76.3	84.4	92.3	100.1	108.2	116.5	125.0	134.0	143.3	149.9	155.7
60°	84.6	93.7	102.5	111.4	120.5	129.9	139.7	149.3	157.7	165.0	171.0
57.5°	92.6	102.9	112.6	122.3	132.3	143.0	153.8	163.5	171.3	178.3	185.0
55°	100.4	111.8	122.1	132.5	143.9	156.4	167.4	176.2	184.2	190.0	196.4
52.5°	107.9	120.0	130.9	142.5	155.5	168.4	179.4	187.9	194.7	200.8	206.9
50°	115.0	127.2	139.3	152.5	166.2	179.2	190.3	198.2	205.0	211.2	217.1
47.5°	121.4	134.2	147.8	161.9	176.2	189.0	199.7	207.7	214.7	221.2	227.7
45°	127.5	141.2	155.7	171.1	185.8	198.5	208.2	216.8	223.6	230.8	239.0
42.5°	133.3	148.0	163.7	180.1	195.1	206.8	216.2	224.4	232.2	240.9	250.0
40°	139.1	154.3	171.3	188.6	203.9	213.9	223.3	232.1	241.1	250.9	260.9
37.5°	144.4	160.8	178.4	196.5	210.3	220.7	230.4	240.2	250.3	260.9	273.3
35°	149.3	166.8	185.2	202.7	215.9	227.3	237.8	248.3	259.6	272.6	286.3
32.5°	154.1	172.2	191.5	207.9	221.1	233.2	244.8	256.7	269.7	283.9	299.5
30°	158.8	177.5	197.0	213.2	225.6	238.1	251.7	264.9	279.3	295.2	313.5
27.5°	163.3	182.4	201.7	217.4	229.7	242.4	256.9	273.0	288.8	306.1	327.4
25°	167.5	187.4	206.2	220.8	233.2	246.4	261.6	278.8	297.3	317.9	344.0
22.5°	171.4	192.0	210.6	223.6	236.0	250.0	266.3	284.5	304.6	328.5	360.3
20°	175.1	195.5	213.4	226.2	238.4	252.9	270.4	289.5	312.5	341.5	379.5
17.5°	178.3	198.5	215.4	228.3	240.9	255.8	273.8	293.7	319.6	352.9	398.0
15°	181.1	201.0	217.2	230.0	243.1	258.8	277.4	299.1	327.4	364.1	413.9
12.5°	183.3	202.9	218.6	231.1	244.7	261.0	280.4	304.2	335.2	376.3	435.3
10°	185.1	204.3	219.7	231.9	245.9	262.5	282.8	308.2	341.5	386.5	453.7
7.5°	186.9	205.5	220.6	232.2	246.6	263.2	284.4	311.1	346.1	394.2	468.4
5°	188.1	206.7	221.0	232.9	247.0	263.6	285.5	312.8	348.9	399.2	478.7
2.5°	188.9	207.4	221.0	233.4	247.1	263.7	286.8	313.7	352.1	403.5	484.6
0°	189.1	207.6	220.6	233.6	246.6	263.2	287.3	313.3	354.1	406.0	485.7
-2.5°	188.9	207.4	221.0	233.4	247.1	263.7	286.8	313.7	352.1	403.5	484.6
-5°	188.1	206.7	221.0	232.9	247.0	263.6	285.5	312.8	348.9	399.2	478.7
-7.5°	186.9	205.5	220.6	232.2	246.6	263.2	284.4	311.1	346.1	394.2	468.4
-10°	185.1	204.3	219.7	231.9	245.9	262.5	282.8	308.2	341.5	386.5	453.7
-12.5°	183.3	202.9	218.6	231.1	244.7	261.0	280.4	304.2	335.2	376.3	435.3
-15°	181.1	201.0	217.2	230.0	243.1	258.8	277.4	299.1	327.4	364.1	413.9
-17.5°	178.3	198.5	215.4	228.3	240.9	255.8	273.8	293.7	319.6	352.9	398.0
-20°	175.1	195.5	213.4	226.2	238.4	252.9	270.4	289.5	312.5	341.5	379.5

Classified

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

Scaled Data Report



REPORT NUMBER: P626845 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA2B-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°	171.4	192.0	210.6	223.6	236.0	250.0	266.3	284.5	304.6	328.5	360.3
-25°	167.5	187.4	206.2	220.8	233.2	246.4	261.6	278.8	297.3	317.9	344.0
-27.5°	163.3	182.4	201.7	217.4	229.7	242.4	256.9	273.0	288.8	306.1	327.4
-30°	158.8	177.5	197.0	213.2	225.6	238.1	251.7	264.9	279.3	295.2	313.5
-32.5°	154.1	172.2	191.5	207.9	221.1	233.2	244.8	256.7	269.7	283.9	299.5
-35°	149.3	166.8	185.2	202.7	215.9	227.3	237.8	248.3	259.6	272.6	286.3
-37.5°	144.4	160.8	178.4	196.5	210.3	220.7	230.4	240.2	250.3	260.9	273.3
-40°	139.1	154.3	171.3	188.6	203.9	213.9	223.3	232.1	241.1	250.9	260.9
-42.5°	133.3	148.0	163.7	180.1	195.1	206.8	216.2	224.4	232.2	240.9	250.0
-45°	127.5	141.2	155.7	171.1	185.8	198.5	208.2	216.8	223.6	230.8	239.0
-47.5°	121.4	134.2	147.8	161.9	176.2	189.0	199.7	207.7	214.7	221.2	227.7
-50°	115.0	127.2	139.3	152.5	166.2	179.2	190.3	198.2	205.0	211.2	217.1
-52.5°	107.9	120.0	130.9	142.5	155.5	168.4	179.4	187.9	194.7	200.8	206.9
-55°	100.4	111.8	122.1	132.5	143.9	156.4	167.4	176.2	184.2	190.0	196.4
-57.5°	92.6	102.9	112.6	122.3	132.3	143.0	153.8	163.5	171.3	178.3	185.0
-60°	84.6	93.7	102.5	111.4	120.5	129.9	139.7	149.3	157.7	165.0	171.0
-62.5°	76.3	84.4	92.3	100.1	108.2	116.5	125.0	134.0	143.3	149.9	155.7
-65°	67.7	74.9	82.0	89.0	95.7	103.2	110.5	117.6	125.4	132.6	138.9
-67.5°	58.8	65.3	71.7	77.9	83.9	90.0	96.3	102.6	108.7	114.6	120.3
-70°	50.5	55.7	61.2	66.6	71.9	77.1	82.3	87.6	92.9	98.1	103.0
-72.5°	42.2	46.7	51.1	55.3	60.0	64.6	68.9	72.8	77.1	81.9	86.3
-75°	34.4	37.7	41.4	44.9	48.7	52.5	56.1	59.7	63.2	66.7	70.2
-77.5°	27.0	29.9	32.6	35.0	37.6	40.8	43.8	46.7	49.5	52.2	54.8
-80°	19.8	22.1	24.4	26.5	28.6	30.6	32.6	34.4	36.2	38.2	40.2
-82.5°	13.1	14.8	16.4	18.0	19.6	21.1	22.6	24.0	25.3	26.6	27.8
-85°	6.8	7.4	8.5	9.6	10.6	11.6	12.6	13.5	14.4	15.3	16.1
-87.5°	3.4	3.7	4.0	4.2	4.5	4.8	5.0	5.2	5.5	5.7	5.9
-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: P626845 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA2B-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°	6.1	6.2	6.4	6.6	6.7	6.8	7.0	7.1	7.1	7.2	7.3
85°	16.8	17.6	18.2	18.8	19.4	19.6	19.6	19.6	19.5	19.8	20.0
82.5°	29.0	30.3	31.6	32.9	34.2	34.6	35.0	35.2	35.4	35.9	36.3
80°	42.1	44.2	46.1	47.8	49.3	50.3	51.3	52.2	53.1	53.5	53.6
77.5°	57.3	59.8	62.2	64.3	66.3	67.9	69.2	70.2	71.0	71.5	71.9
75°	73.7	76.9	79.7	82.3	84.7	86.4	87.6	88.4	89.0	89.6	90.1
72.5°	90.3	93.9	97.2	100.4	103.1	105.1	106.4	107.5	108.3	109.0	109.3
70°	107.7	112.0	115.6	118.8	121.3	123.2	124.6	125.8	126.7	127.3	127.6
67.5°	125.7	130.3	133.8	136.5	138.7	140.7	142.5	143.9	144.8	145.7	146.6
65°	144.1	148.8	152.3	155.2	157.5	160.1	162.4	164.2	165.3	166.4	167.4
62.5°	161.3	166.6	170.7	174.5	178.4	182.1	184.2	185.8	187.0	188.0	189.2
60°	177.0	183.0	188.0	192.7	197.4	202.2	204.1	205.7	207.1	208.4	209.6
57.5°	191.0	197.4	203.5	208.0	212.6	217.0	220.1	221.7	222.8	223.4	223.9
55°	203.2	209.5	215.6	220.8	225.7	230.3	233.7	235.3	236.5	237.3	237.8
52.5°	214.0	220.8	227.3	233.1	238.4	243.3	247.6	249.8	251.7	253.0	253.4
50°	224.6	232.0	239.1	245.3	251.5	257.3	262.7	265.9	268.1	269.4	269.8
47.5°	235.8	243.8	251.4	258.6	265.6	272.6	279.0	283.3	286.4	288.8	290.5
45°	247.4	256.0	264.4	273.0	281.0	290.0	298.1	304.3	308.9	312.9	316.1
42.5°	259.1	268.7	278.4	289.4	300.4	310.6	320.3	328.5	336.0	343.4	349.2
40°	271.8	282.3	295.5	308.6	322.2	334.0	348.1	360.7	372.3	384.8	395.2
37.5°	285.6	299.2	314.9	330.5	348.2	365.2	384.9	404.3	421.1	443.0	460.6
35°	300.7	318.0	336.4	357.5	380.2	406.9	434.5	466.8	494.2	529.0	561.2
32.5°	317.6	337.8	361.8	390.7	421.3	464.4	504.8	559.5	606.3	666.7	732.8
30°	334.7	360.9	393.5	430.7	482.6	543.7	614.9	707.5	807.7	911.3	1050.8
27.5°	355.0	389.0	429.7	487.3	564.8	649.4	794.4	951.0	1169.2	1341.9	1649.6
25°	376.9	419.0	479.0	562.5	669.7	840.8	1085.6	1369.1	1805.7	2194.0	2640.3
22.5°	402.8	459.9	539.4	648.8	835.6	1129.9	1512.1	2094.3	2741.5	3380.3	3964.1
20°	430.2	499.2	610.4	788.5	1077.2	1502.8	2184.7	3016.6	3875.8	4751.2	5488.9
17.5°	462.2	555.9	702.4	939.0	1350.9	2079.5	2990.2	4048.1	5170.6	6287.7	7258.0
15°	489.7	605.5	802.8	1157.1	1771.3	2682.7	3802.0	5138.1	6549.7	7999.4	9570.6
12.5°	524.8	665.3	906.1	1337.5	2144.4	3329.0	4698.6	6249.7	7973.5	9898.3	12347.9
10°	557.0	727.9	1042.2	1626.5	2592.8	3932.6	5472.9	7232.8	9468.7	12361.3	15316.0
7.5°	582.8	777.7	1147.7	1852.0	2968.9	4448.4	6170.2	8280.2	11069.7	14514.1	17890.0
5°	600.7	812.1	1223.2	2022.4	3271.4	4842.5	6665.1	9052.4	12419.1	16276.2	19723.3
2.5°	612.0	831.0	1260.1	2123.6	3468.7	5079.7	6973.8	9543.0	13246.1	17398.0	20888.0
0°	617.3	834.2	1236.5	2172.7	3496.4	5062.9	7002.0	9706.8	13442.4	17702.6	21178.6
-2.5°	612.0	831.0	1260.1	2123.6	3468.7	5079.7	6973.8	9543.0	13246.1	17398.0	20888.0
-5°	600.7	812.1	1223.2	2022.4	3271.4	4842.5	6665.1	9052.4	12419.1	16276.2	19723.3
-7.5°	582.8	777.7	1147.7	1852.0	2968.9	4448.4	6170.2	8280.2	11069.7	14514.1	17890.0
-10°	557.0	727.9	1042.2	1626.5	2592.8	3932.6	5472.9	7232.8	9468.7	12361.3	15316.0
-12.5°	524.8	665.3	906.1	1337.5	2144.4	3329.0	4698.6	6249.7	7973.5	9898.3	12347.9
-15°	489.7	605.5	802.8	1157.1	1771.3	2682.7	3802.0	5138.1	6549.7	7999.4	9570.6
-17.5°	462.2	555.9	702.4	939.0	1350.9	2079.5	2990.2	4048.1	5170.6	6287.7	7258.0
-20°	430.2	499.2	610.4	788.5	1077.2	1502.8	2184.7	3016.6	3875.8	4751.2	5488.9

Classified

Cooper Lighting Solutions Photometric Lab
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Scaled Data Report



REPORT NUMBER: P626845 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA2B-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°	402.8	459.9	539.4	648.8	835.6	1129.9	1512.1	2094.3	2741.5	3380.3	3964.1
-25°	376.9	419.0	479.0	562.5	669.7	840.8	1085.6	1369.1	1805.7	2194.0	2640.3
-27.5°	355.0	389.0	429.7	487.3	564.8	649.4	794.4	951.0	1169.2	1341.9	1649.6
-30°	334.7	360.9	393.5	430.7	482.6	543.7	614.9	707.5	807.7	911.3	1050.8
-32.5°	317.6	337.8	361.8	390.7	421.3	464.4	504.8	559.5	606.3	666.7	732.8
-35°	300.7	318.0	336.4	357.5	380.2	406.9	434.5	466.8	494.2	529.0	561.2
-37.5°	285.6	299.2	314.9	330.5	348.2	365.2	384.9	404.3	421.1	443.0	460.6
-40°	271.8	282.3	295.5	308.6	322.2	334.0	348.1	360.7	372.3	384.8	395.2
-42.5°	259.1	268.7	278.4	289.4	300.4	310.6	320.3	328.5	336.0	343.4	349.2
-45°	247.4	256.0	264.4	273.0	281.0	290.0	298.1	304.3	308.9	312.9	316.1
-47.5°	235.8	243.8	251.4	258.6	265.6	272.6	279.0	283.3	286.4	288.8	290.5
-50°	224.6	232.0	239.1	245.3	251.5	257.3	262.7	265.9	268.1	269.4	269.8
-52.5°	214.0	220.8	227.3	233.1	238.4	243.3	247.6	249.8	251.7	253.0	253.4
-55°	203.2	209.5	215.6	220.8	225.7	230.3	233.7	235.3	236.5	237.3	237.8
-57.5°	191.0	197.4	203.5	208.0	212.6	217.0	220.1	221.7	222.8	223.4	223.9
-60°	177.0	183.0	188.0	192.7	197.4	202.2	204.1	205.7	207.1	208.4	209.6
-62.5°	161.3	166.6	170.7	174.5	178.4	182.1	184.2	185.8	187.0	188.0	189.2
-65°	144.1	148.8	152.3	155.2	157.5	160.1	162.4	164.2	165.3	166.4	167.4
-67.5°	125.7	130.3	133.8	136.5	138.7	140.7	142.5	143.9	144.8	145.7	146.6
-70°	107.7	112.0	115.6	118.8	121.3	123.2	124.6	125.8	126.7	127.3	127.6
-72.5°	90.3	93.9	97.2	100.4	103.1	105.1	106.4	107.5	108.3	109.0	109.3
-75°	73.7	76.9	79.7	82.3	84.7	86.4	87.6	88.4	89.0	89.6	90.1
-77.5°	57.3	59.8	62.2	64.3	66.3	67.9	69.2	70.2	71.0	71.5	71.9
-80°	42.1	44.2	46.1	47.8	49.3	50.3	51.3	52.2	53.1	53.5	53.6
-82.5°	29.0	30.3	31.6	32.9	34.2	34.6	35.0	35.2	35.4	35.9	36.3
-85°	16.8	17.6	18.2	18.8	19.4	19.6	19.6	19.6	19.5	19.8	20.0
-87.5°	6.1	6.2	6.4	6.6	6.7	6.8	7.0	7.1	7.1	7.2	7.3
-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: P626845 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA2B-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°	7.3	7.4	7.4	7.4	7.4	7.4	7.3	7.3	7.2	7.1	7.1
85°	20.2	20.3	20.4	20.4	20.4	20.3	20.2	20.0	19.8	19.5	19.6
82.5°	36.7	36.9	37.1	37.1	37.1	36.9	36.7	36.3	35.9	35.4	35.2
80°	53.7	53.6	53.7	53.8	53.7	53.6	53.7	53.6	53.5	53.1	52.2
77.5°	72.0	72.0	72.2	72.3	72.2	72.0	72.0	71.9	71.5	71.0	70.2
75°	90.4	90.4	90.7	90.8	90.7	90.4	90.4	90.1	89.6	89.0	88.4
72.5°	109.3	109.0	109.3	109.4	109.3	109.0	109.3	109.3	109.0	108.3	107.5
70°	127.7	127.4	128.6	129.8	128.6	127.4	127.7	127.6	127.3	126.7	125.8
67.5°	147.3	147.6	149.0	150.2	149.0	147.6	147.3	146.6	145.7	144.8	143.9
65°	168.0	168.1	169.3	170.6	169.3	168.1	168.0	167.4	166.4	165.3	164.2
62.5°	189.9	190.1	191.5	192.8	191.5	190.1	189.9	189.2	188.0	187.0	185.8
60°	210.3	210.6	211.1	211.3	211.1	210.6	210.3	209.6	208.4	207.1	205.7
57.5°	224.1	223.9	224.1	224.3	224.1	223.9	224.1	223.9	223.4	222.8	221.7
55°	237.7	237.1	236.4	235.4	236.4	237.1	237.7	237.8	237.3	236.5	235.3
52.5°	253.0	252.1	251.2	250.3	251.2	252.1	253.0	253.4	253.0	251.7	249.8
50°	269.6	268.7	267.9	267.0	267.9	268.7	269.6	269.8	269.4	268.1	265.9
47.5°	291.6	292.0	291.8	291.1	291.8	292.0	291.6	290.5	288.8	286.4	283.3
45°	318.4	319.4	319.6	318.9	319.6	319.4	318.4	316.1	312.9	308.9	304.3
42.5°	353.3	355.6	356.9	357.8	356.9	355.6	353.3	349.2	343.4	336.0	328.5
40°	402.7	407.5	410.6	413.4	410.6	407.5	402.7	395.2	384.8	372.3	360.7
37.5°	473.7	482.4	486.2	483.9	486.2	482.4	473.7	460.6	443.0	421.1	404.3
35°	586.0	602.5	611.1	611.8	611.1	602.5	586.0	561.2	529.0	494.2	466.8
32.5°	781.5	815.4	833.6	836.1	833.6	815.4	781.5	732.8	666.7	606.3	559.5
30°	1157.6	1226.6	1259.1	1251.4	1259.1	1226.6	1157.6	1050.8	911.3	807.7	707.5
27.5°	1888.7	2060.8	2162.7	2170.9	2162.7	2060.8	1888.7	1649.6	1341.9	1169.2	951.0
25°	3035.6	3329.4	3517.5	3520.5	3517.5	3329.4	3035.6	2640.3	2194.0	1805.7	1369.1
22.5°	4504.0	4904.9	5124.7	5163.0	5124.7	4904.9	4504.0	3964.1	3380.3	2741.5	2094.3
20°	6205.2	6738.6	7024.0	7024.3	7024.0	6738.6	6205.2	5488.9	4751.2	3875.8	3016.6
17.5°	8300.2	9166.3	9710.0	9944.1	9710.0	9166.3	8300.2	7258.0	6287.7	5170.6	4048.1
15°	11083.6	12539.0	13411.3	13568.4	13411.3	12539.0	11083.6	9570.6	7999.4	6549.7	5138.1
12.5°	14472.6	16314.6	17552.8	18006.6	17552.8	16314.6	14472.6	12347.9	9898.3	7973.5	6249.7
10°	18011.1	19717.8	21044.2	21490.0	21044.2	19717.8	18011.1	15316.0	12361.3	9468.7	7232.8
7.5°	20567.3	22602.5	24096.7	24752.8	24096.7	22602.5	20567.3	17890.0	14514.1	11069.7	8280.2
5°	22585.2	24993.3	26384.2	27001.5	26384.2	24993.3	22585.2	19723.3	16276.2	12419.1	9052.4
2.5°	23909.2	26288.6	27761.6	28330.8	27761.6	26288.6	23909.2	20888.0	17398.0	13246.1	9543.0
0°	24404.3	26730.9	28186.2	28881.4	28186.2	26730.9	24404.3	21178.6	17702.6	13442.4	9706.8
-2.5°	23909.2	26288.6	27761.6	28330.8	27761.6	26288.6	23909.2	20888.0	17398.0	13246.1	9543.0
-5°	22585.2	24993.3	26384.2	27001.5	26384.2	24993.3	22585.2	19723.3	16276.2	12419.1	9052.4
-7.5°	20567.3	22602.5	24096.7	24752.8	24096.7	22602.5	20567.3	17890.0	14514.1	11069.7	8280.2
-10°	18011.1	19717.8	21044.2	21490.0	21044.2	19717.8	18011.1	15316.0	12361.3	9468.7	7232.8
-12.5°	14472.6	16314.6	17552.8	18006.6	17552.8	16314.6	14472.6	12347.9	9898.3	7973.5	6249.7
-15°	11083.6	12539.0	13411.3	13568.4	13411.3	12539.0	11083.6	9570.6	7999.4	6549.7	5138.1
-17.5°	8300.2	9166.3	9710.0	9944.1	9710.0	9166.3	8300.2	7258.0	6287.7	5170.6	4048.1
-20°	6205.2	6738.6	7024.0	7024.3	7024.0	6738.6	6205.2	5488.9	4751.2	3875.8	3016.6



REPORT NUMBER: P626845 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA2B-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°	4504.0	4904.9	5124.7	5163.0	5124.7	4904.9	4504.0	3964.1	3380.3	2741.5	2094.3
-25°	3035.6	3329.4	3517.5	3520.5	3517.5	3329.4	3035.6	2640.3	2194.0	1805.7	1369.1
-27.5°	1888.7	2060.8	2162.7	2170.9	2162.7	2060.8	1888.7	1649.6	1341.9	1169.2	951.0
-30°	1157.6	1226.6	1259.1	1251.4	1259.1	1226.6	1157.6	1050.8	911.3	807.7	707.5
-32.5°	781.5	815.4	833.6	836.1	833.6	815.4	781.5	732.8	666.7	606.3	559.5
-35°	586.0	602.5	611.1	611.8	611.1	602.5	586.0	561.2	529.0	494.2	466.8
-37.5°	473.7	482.4	486.2	483.9	486.2	482.4	473.7	460.6	443.0	421.1	404.3
-40°	402.7	407.5	410.6	413.4	410.6	407.5	402.7	395.2	384.8	372.3	360.7
-42.5°	353.3	355.6	356.9	357.8	356.9	355.6	353.3	349.2	343.4	336.0	328.5
-45°	318.4	319.4	319.6	318.9	319.6	319.4	318.4	316.1	312.9	308.9	304.3
-47.5°	291.6	292.0	291.8	291.1	291.8	292.0	291.6	290.5	288.8	286.4	283.3
-50°	269.6	268.7	267.9	267.0	267.9	268.7	269.6	269.8	269.4	268.1	265.9
-52.5°	253.0	252.1	251.2	250.3	251.2	252.1	253.0	253.4	253.0	251.7	249.8
-55°	237.7	237.1	236.4	235.4	236.4	237.1	237.7	237.8	237.3	236.5	235.3
-57.5°	224.1	223.9	224.1	224.3	224.1	223.9	224.1	223.9	223.4	222.8	221.7
-60°	210.3	210.6	211.1	211.3	211.1	210.6	210.3	209.6	208.4	207.1	205.7
-62.5°	189.9	190.1	191.5	192.8	191.5	190.1	189.9	189.2	188.0	187.0	185.8
-65°	168.0	168.1	169.3	170.6	169.3	168.1	168.0	167.4	166.4	165.3	164.2
-67.5°	147.3	147.6	149.0	150.2	149.0	147.6	147.3	146.6	145.7	144.8	143.9
-70°	127.7	127.4	128.6	129.8	128.6	127.4	127.7	127.6	127.3	126.7	125.8
-72.5°	109.3	109.0	109.3	109.4	109.3	109.0	109.3	109.3	109.0	108.3	107.5
-75°	90.4	90.4	90.7	90.8	90.7	90.4	90.4	90.1	89.6	89.0	88.4
-77.5°	72.0	72.0	72.2	72.3	72.2	72.0	72.0	71.9	71.5	71.0	70.2
-80°	53.7	53.6	53.7	53.8	53.7	53.6	53.7	53.6	53.5	53.1	52.2
-82.5°	36.7	36.9	37.1	37.1	37.1	36.9	36.7	36.3	35.9	35.4	35.2
-85°	20.2	20.3	20.4	20.4	20.4	20.3	20.2	20.0	19.8	19.5	19.6
-87.5°	7.3	7.4	7.4	7.4	7.4	7.4	7.3	7.3	7.2	7.1	7.1
-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: P626845 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA2B-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°	7.0	6.8	6.7	6.6	6.4	6.2	6.1	5.9	5.7	5.5	5.2
85°	19.6	19.6	19.4	18.8	18.2	17.6	16.8	16.1	15.3	14.4	13.5
82.5°	35.0	34.6	34.2	32.9	31.6	30.3	29.0	27.8	26.6	25.3	24.0
80°	51.3	50.3	49.3	47.8	46.1	44.2	42.1	40.2	38.2	36.2	34.4
77.5°	69.2	67.9	66.3	64.3	62.2	59.8	57.3	54.8	52.2	49.5	46.7
75°	87.6	86.4	84.7	82.3	79.7	76.9	73.7	70.2	66.7	63.2	59.7
72.5°	106.4	105.1	103.1	100.4	97.2	93.9	90.3	86.3	81.9	77.1	72.8
70°	124.6	123.2	121.3	118.8	115.6	112.0	107.7	103.0	98.1	92.9	87.6
67.5°	142.5	140.7	138.7	136.5	133.8	130.3	125.7	120.3	114.6	108.7	102.6
65°	162.4	160.1	157.5	155.2	152.3	148.8	144.1	138.9	132.6	125.4	117.6
62.5°	184.2	182.1	178.4	174.5	170.7	166.6	161.3	155.7	149.9	143.3	134.0
60°	204.1	202.2	197.4	192.7	188.0	183.0	177.0	171.0	165.0	157.7	149.3
57.5°	220.1	217.0	212.6	208.0	203.5	197.4	191.0	185.0	178.3	171.3	163.5
55°	233.7	230.3	225.7	220.8	215.6	209.5	203.2	196.4	190.0	184.2	176.2
52.5°	247.6	243.3	238.4	233.1	227.3	220.8	214.0	206.9	200.8	194.7	187.9
50°	262.7	257.3	251.5	245.3	239.1	232.0	224.6	217.1	211.2	205.0	198.2
47.5°	279.0	272.6	265.6	258.6	251.4	243.8	235.8	227.7	221.2	214.7	207.7
45°	298.1	290.0	281.0	273.0	264.4	256.0	247.4	239.0	230.8	223.6	216.8
42.5°	320.3	310.6	300.4	289.4	278.4	268.7	259.1	250.0	240.9	232.2	224.4
40°	348.1	334.0	322.2	308.6	295.5	282.3	271.8	260.9	250.9	241.1	232.1
37.5°	384.9	365.2	348.2	330.5	314.9	299.2	285.6	273.3	260.9	250.3	240.2
35°	434.5	406.9	380.2	357.5	336.4	318.0	300.7	286.3	272.6	259.6	248.3
32.5°	504.8	464.4	421.3	390.7	361.8	337.8	317.6	299.5	283.9	269.7	256.7
30°	614.9	543.7	482.6	430.7	393.5	360.9	334.7	313.5	295.2	279.3	264.9
27.5°	794.4	649.4	564.8	487.3	429.7	389.0	355.0	327.4	306.1	288.8	273.0
25°	1085.6	840.8	669.7	562.5	479.0	419.0	376.9	344.0	317.9	297.3	278.8
22.5°	1512.1	1129.9	835.6	648.8	539.4	459.9	402.8	360.3	328.5	304.6	284.5
20°	2184.7	1502.8	1077.2	788.5	610.4	499.2	430.2	379.5	341.5	312.5	289.5
17.5°	2990.2	2079.5	1350.9	939.0	702.4	555.9	462.2	398.0	352.9	319.6	293.7
15°	3802.0	2682.7	1771.3	1157.1	802.8	605.5	489.7	413.9	364.1	327.4	299.1
12.5°	4698.6	3329.0	2144.4	1337.5	906.1	665.3	524.8	435.3	376.3	335.2	304.2
10°	5472.9	3932.6	2592.8	1626.5	1042.2	727.9	557.0	453.7	386.5	341.5	308.2
7.5°	6170.2	4448.4	2968.9	1852.0	1147.7	777.7	582.8	468.4	394.2	346.1	311.1
5°	6665.1	4842.5	3271.4	2022.4	1223.2	812.1	600.7	478.7	399.2	348.9	312.8
2.5°	6973.8	5079.7	3468.7	2123.6	1260.1	831.0	612.0	484.6	403.5	352.1	313.7
0°	7002.0	5062.9	3496.4	2172.7	1236.5	834.2	617.3	485.7	406.0	354.1	313.3
-2.5°	6973.8	5079.7	3468.7	2123.6	1260.1	831.0	612.0	484.6	403.5	352.1	313.7
-5°	6665.1	4842.5	3271.4	2022.4	1223.2	812.1	600.7	478.7	399.2	348.9	312.8
-7.5°	6170.2	4448.4	2968.9	1852.0	1147.7	777.7	582.8	468.4	394.2	346.1	311.1
-10°	5472.9	3932.6	2592.8	1626.5	1042.2	727.9	557.0	453.7	386.5	341.5	308.2
-12.5°	4698.6	3329.0	2144.4	1337.5	906.1	665.3	524.8	435.3	376.3	335.2	304.2
-15°	3802.0	2682.7	1771.3	1157.1	802.8	605.5	489.7	413.9	364.1	327.4	299.1
-17.5°	2990.2	2079.5	1350.9	939.0	702.4	555.9	462.2	398.0	352.9	319.6	293.7
-20°	2184.7	1502.8	1077.2	788.5	610.4	499.2	430.2	379.5	341.5	312.5	289.5

Classified

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

Scaled Data Report



REPORT NUMBER: P626845 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA2B-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°	1512.1	1129.9	835.6	648.8	539.4	459.9	402.8	360.3	328.5	304.6	284.5
-25°	1085.6	840.8	669.7	562.5	479.0	419.0	376.9	344.0	317.9	297.3	278.8
-27.5°	794.4	649.4	564.8	487.3	429.7	389.0	355.0	327.4	306.1	288.8	273.0
-30°	614.9	543.7	482.6	430.7	393.5	360.9	334.7	313.5	295.2	279.3	264.9
-32.5°	504.8	464.4	421.3	390.7	361.8	337.8	317.6	299.5	283.9	269.7	256.7
-35°	434.5	406.9	380.2	357.5	336.4	318.0	300.7	286.3	272.6	259.6	248.3
-37.5°	384.9	365.2	348.2	330.5	314.9	299.2	285.6	273.3	260.9	250.3	240.2
-40°	348.1	334.0	322.2	308.6	295.5	282.3	271.8	260.9	250.9	241.1	232.1
-42.5°	320.3	310.6	300.4	289.4	278.4	268.7	259.1	250.0	240.9	232.2	224.4
-45°	298.1	290.0	281.0	273.0	264.4	256.0	247.4	239.0	230.8	223.6	216.8
-47.5°	279.0	272.6	265.6	258.6	251.4	243.8	235.8	227.7	221.2	214.7	207.7
-50°	262.7	257.3	251.5	245.3	239.1	232.0	224.6	217.1	211.2	205.0	198.2
-52.5°	247.6	243.3	238.4	233.1	227.3	220.8	214.0	206.9	200.8	194.7	187.9
-55°	233.7	230.3	225.7	220.8	215.6	209.5	203.2	196.4	190.0	184.2	176.2
-57.5°	220.1	217.0	212.6	208.0	203.5	197.4	191.0	185.0	178.3	171.3	163.5
-60°	204.1	202.2	197.4	192.7	188.0	183.0	177.0	171.0	165.0	157.7	149.3
-62.5°	184.2	182.1	178.4	174.5	170.7	166.6	161.3	155.7	149.9	143.3	134.0
-65°	162.4	160.1	157.5	155.2	152.3	148.8	144.1	138.9	132.6	125.4	117.6
-67.5°	142.5	140.7	138.7	136.5	133.8	130.3	125.7	120.3	114.6	108.7	102.6
-70°	124.6	123.2	121.3	118.8	115.6	112.0	107.7	103.0	98.1	92.9	87.6
-72.5°	106.4	105.1	103.1	100.4	97.2	93.9	90.3	86.3	81.9	77.1	72.8
-75°	87.6	86.4	84.7	82.3	79.7	76.9	73.7	70.2	66.7	63.2	59.7
-77.5°	69.2	67.9	66.3	64.3	62.2	59.8	57.3	54.8	52.2	49.5	46.7
-80°	51.3	50.3	49.3	47.8	46.1	44.2	42.1	40.2	38.2	36.2	34.4
-82.5°	35.0	34.6	34.2	32.9	31.6	30.3	29.0	27.8	26.6	25.3	24.0
-85°	19.6	19.6	19.4	18.8	18.2	17.6	16.8	16.1	15.3	14.4	13.5
-87.5°	7.0	6.8	6.7	6.6	6.4	6.2	6.1	5.9	5.7	5.5	5.2
-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: P626845 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA2B-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°	5.0	4.8	4.5	4.2	4.0	3.7	3.4	3.1	2.8	2.5	2.2
85°	12.6	11.6	10.6	9.6	8.5	7.4	6.8	6.2	5.7	5.1	4.4
82.5°	22.6	21.1	19.6	18.0	16.4	14.8	13.1	11.3	9.5	7.7	6.7
80°	32.6	30.6	28.6	26.5	24.4	22.1	19.8	17.5	14.9	12.4	10.0
77.5°	43.8	40.8	37.6	35.0	32.6	29.9	27.0	23.8	20.2	17.0	14.0
75°	56.1	52.5	48.7	44.9	41.4	37.7	34.4	30.6	26.2	21.7	17.9
72.5°	68.9	64.6	60.0	55.3	51.1	46.7	42.2	37.4	32.3	27.2	22.0
70°	82.3	77.1	71.9	66.6	61.2	55.7	50.5	44.7	38.4	32.6	26.7
67.5°	96.3	90.0	83.9	77.9	71.7	65.3	58.8	52.0	45.0	37.9	31.4
65°	110.5	103.2	95.7	89.0	82.0	74.9	67.7	59.4	51.5	43.7	35.9
62.5°	125.0	116.5	108.2	100.1	92.3	84.4	76.3	67.0	58.0	49.4	40.8
60°	139.7	129.9	120.5	111.4	102.5	93.7	84.6	74.4	64.5	54.9	45.6
57.5°	153.8	143.0	132.3	122.3	112.6	102.9	92.6	81.7	70.9	60.5	50.4
55°	167.4	156.4	143.9	132.5	122.1	111.8	100.4	88.8	77.0	65.8	55.0
52.5°	179.4	168.4	155.5	142.5	130.9	120.0	107.9	95.8	83.3	71.0	59.5
50°	190.3	179.2	166.2	152.5	139.3	127.2	115.0	102.2	89.3	76.0	63.9
47.5°	199.7	189.0	176.2	161.9	147.8	134.2	121.4	108.3	95.1	81.2	68.1
45°	208.2	198.5	185.8	171.1	155.7	141.2	127.5	114.0	100.3	86.2	72.1
42.5°	216.2	206.8	195.1	180.1	163.7	148.0	133.3	119.3	105.1	90.9	76.1
40°	223.3	213.9	203.9	188.6	171.3	154.3	139.1	124.3	109.7	95.2	80.0
37.5°	230.4	220.7	210.3	196.5	178.4	160.8	144.4	129.0	114.1	99.1	83.6
35°	237.8	227.3	215.9	202.7	185.2	166.8	149.3	133.5	118.2	102.8	87.0
32.5°	244.8	233.2	221.1	207.9	191.5	172.2	154.1	137.8	122.0	106.2	90.1
30°	251.7	238.1	225.6	213.2	197.0	177.5	158.8	141.8	125.6	109.4	93.0
27.5°	256.9	242.4	229.7	217.4	201.7	182.4	163.3	145.5	128.9	112.3	95.5
25°	261.6	246.4	233.2	220.8	206.2	187.4	167.5	148.9	131.9	114.9	97.8
22.5°	266.3	250.0	236.0	223.6	210.6	192.0	171.4	152.3	134.6	117.3	99.9
20°	270.4	252.9	238.4	226.2	213.4	195.5	175.1	155.3	137.0	119.4	101.7
17.5°	273.8	255.8	240.9	228.3	215.4	198.5	178.3	157.9	139.1	121.2	103.3
15°	277.4	258.8	243.1	230.0	217.2	201.0	181.1	160.1	140.9	122.8	104.8
12.5°	280.4	261.0	244.7	231.1	218.6	202.9	183.3	162.0	142.4	124.2	106.2
10°	282.8	262.5	245.9	231.9	219.7	204.3	185.1	163.6	144.1	125.6	107.4
7.5°	284.4	263.2	246.6	232.2	220.6	205.5	186.9	165.5	145.6	126.6	108.3
5°	285.5	263.6	247.0	232.9	221.0	206.7	188.1	167.0	146.8	127.3	108.9
2.5°	286.8	263.7	247.1	233.4	221.0	207.4	188.9	168.0	147.7	127.8	109.3
0°	287.3	263.2	246.6	233.6	220.6	207.6	189.1	168.7	148.3	127.9	109.4
-2.5°	286.8	263.7	247.1	233.4	221.0	207.4	188.9	168.0	147.7	127.8	109.3
-5°	285.5	263.6	247.0	232.9	221.0	206.7	188.1	167.0	146.8	127.3	108.9
-7.5°	284.4	263.2	246.6	232.2	220.6	205.5	186.9	165.5	145.6	126.6	108.3
-10°	282.8	262.5	245.9	231.9	219.7	204.3	185.1	163.6	144.1	125.6	107.4
-12.5°	280.4	261.0	244.7	231.1	218.6	202.9	183.3	162.0	142.4	124.2	106.2
-15°	277.4	258.8	243.1	230.0	217.2	201.0	181.1	160.1	140.9	122.8	104.8
-17.5°	273.8	255.8	240.9	228.3	215.4	198.5	178.3	157.9	139.1	121.2	103.3
-20°	270.4	252.9	238.4	226.2	213.4	195.5	175.1	155.3	137.0	119.4	101.7

Classified

Cooper Lighting Solutions Photometric Lab
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Scaled Data Report



REPORT NUMBER: P626845 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA2B-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°	266.3	250.0	236.0	223.6	210.6	192.0	171.4	152.3	134.6	117.3	99.9
-25°	261.6	246.4	233.2	220.8	206.2	187.4	167.5	148.9	131.9	114.9	97.8
-27.5°	256.9	242.4	229.7	217.4	201.7	182.4	163.3	145.5	128.9	112.3	95.5
-30°	251.7	238.1	225.6	213.2	197.0	177.5	158.8	141.8	125.6	109.4	93.0
-32.5°	244.8	233.2	221.1	207.9	191.5	172.2	154.1	137.8	122.0	106.2	90.1
-35°	237.8	227.3	215.9	202.7	185.2	166.8	149.3	133.5	118.2	102.8	87.0
-37.5°	230.4	220.7	210.3	196.5	178.4	160.8	144.4	129.0	114.1	99.1	83.6
-40°	223.3	213.9	203.9	188.6	171.3	154.3	139.1	124.3	109.7	95.2	80.0
-42.5°	216.2	206.8	195.1	180.1	163.7	148.0	133.3	119.3	105.1	90.9	76.1
-45°	208.2	198.5	185.8	171.1	155.7	141.2	127.5	114.0	100.3	86.2	72.1
-47.5°	199.7	189.0	176.2	161.9	147.8	134.2	121.4	108.3	95.1	81.2	68.1
-50°	190.3	179.2	166.2	152.5	139.3	127.2	115.0	102.2	89.3	76.0	63.9
-52.5°	179.4	168.4	155.5	142.5	130.9	120.0	107.9	95.8	83.3	71.0	59.5
-55°	167.4	156.4	143.9	132.5	122.1	111.8	100.4	88.8	77.0	65.8	55.0
-57.5°	153.8	143.0	132.3	122.3	112.6	102.9	92.6	81.7	70.9	60.5	50.4
-60°	139.7	129.9	120.5	111.4	102.5	93.7	84.6	74.4	64.5	54.9	45.6
-62.5°	125.0	116.5	108.2	100.1	92.3	84.4	76.3	67.0	58.0	49.4	40.8
-65°	110.5	103.2	95.7	89.0	82.0	74.9	67.7	59.4	51.5	43.7	35.9
-67.5°	96.3	90.0	83.9	77.9	71.7	65.3	58.8	52.0	45.0	37.9	31.4
-70°	82.3	77.1	71.9	66.6	61.2	55.7	50.5	44.7	38.4	32.6	26.7
-72.5°	68.9	64.6	60.0	55.3	51.1	46.7	42.2	37.4	32.3	27.2	22.0
-75°	56.1	52.5	48.7	44.9	41.4	37.7	34.4	30.6	26.2	21.7	17.9
-77.5°	43.8	40.8	37.6	35.0	32.6	29.9	27.0	23.8	20.2	17.0	14.0
-80°	32.6	30.6	28.6	26.5	24.4	22.1	19.8	17.5	14.9	12.4	10.0
-82.5°	22.6	21.1	19.6	18.0	16.4	14.8	13.1	11.3	9.5	7.7	6.7
-85°	12.6	11.6	10.6	9.6	8.5	7.4	6.8	6.2	5.7	5.1	4.4
-87.5°	5.0	4.8	4.5	4.2	4.0	3.7	3.4	3.1	2.8	2.5	2.2
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

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CATALOG NUMBER: GFLD-SA2B-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°	1.9	1.6	1.3	1.0	0.6	0.3	0.0
85°	3.8	3.2	2.6	1.9	1.3	0.6	0.0
82.5°	5.7	4.8	3.8	2.9	1.9	1.0	0.0
80°	7.8	6.4	5.1	3.8	2.6	1.3	0.0
77.5°	11.1	8.4	6.4	4.8	3.2	1.6	0.0
75°	14.4	11.1	7.8	5.7	3.8	1.9	0.0
72.5°	17.6	13.8	10.0	6.7	4.4	2.2	0.0
70°	20.9	16.5	12.1	7.7	5.1	2.5	0.0
67.5°	25.0	19.1	14.2	9.3	5.7	2.8	0.0
65°	28.9	22.1	16.3	10.8	6.2	3.1	0.0
62.5°	32.9	25.3	18.3	12.4	6.8	3.4	0.0
60°	36.7	28.5	20.3	13.9	7.4	3.7	0.0
57.5°	40.7	31.6	22.8	15.3	8.4	4.0	0.0
55°	44.6	34.6	25.2	16.7	9.3	4.2	0.0
52.5°	48.3	37.6	27.5	18.1	10.2	4.5	0.0
50°	52.0	40.6	29.8	19.4	11.1	4.8	0.0
47.5°	55.4	43.4	32.0	20.8	12.0	5.0	0.0
45°	58.9	46.2	34.1	22.4	12.8	5.2	0.0
42.5°	62.2	48.8	36.1	23.9	13.6	5.5	0.0
40°	65.3	51.2	38.1	25.3	14.3	5.7	0.0
37.5°	68.3	53.5	39.9	26.6	15.0	5.9	0.0
35°	71.1	55.8	41.7	27.9	15.7	6.1	0.0
32.5°	73.7	58.0	43.3	29.0	16.3	6.2	0.0
30°	76.2	60.0	44.8	30.1	16.9	6.4	0.0
27.5°	78.5	61.9	46.1	31.0	17.5	6.6	0.0
25°	80.6	63.6	47.4	31.9	18.0	6.7	0.0
22.5°	82.4	65.1	48.5	32.6	18.4	6.8	0.0
20°	84.0	66.5	49.6	33.3	18.8	7.0	0.0
17.5°	85.5	67.6	50.5	33.9	19.2	7.1	0.0
15°	86.9	68.6	51.4	34.3	19.5	7.1	0.0
12.5°	88.0	69.3	52.1	34.7	19.8	7.2	0.0
10°	89.0	69.9	52.7	35.0	20.0	7.3	0.0
7.5°	89.8	70.3	53.2	35.2	20.2	7.3	0.0
5°	90.3	70.5	53.5	35.3	20.3	7.4	0.0
2.5°	90.7	70.5	53.7	35.3	20.4	7.4	0.0
0°	90.8	70.4	53.8	35.2	20.4	7.4	0.0
-2.5°	90.7	70.5	53.7	35.3	20.4	7.4	0.0
-5°	90.3	70.5	53.5	35.3	20.3	7.4	0.0
-7.5°	89.8	70.3	53.2	35.2	20.2	7.3	0.0
-10°	89.0	69.9	52.7	35.0	20.0	7.3	0.0
-12.5°	88.0	69.3	52.1	34.7	19.8	7.2	0.0
-15°	86.9	68.6	51.4	34.3	19.5	7.1	0.0
-17.5°	85.5	67.6	50.5	33.9	19.2	7.1	0.0
-20°	84.0	66.5	49.6	33.3	18.8	7.0	0.0

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CANDELA DISTRIBUTION (continued):

	75°	77.5°	80°	82.5°	85°	87.5°	90°
-22.5°	82.4	65.1	48.5	32.6	18.4	6.8	0.0
-25°	80.6	63.6	47.4	31.9	18.0	6.7	0.0
-27.5°	78.5	61.9	46.1	31.0	17.5	6.6	0.0
-30°	76.2	60.0	44.8	30.1	16.9	6.4	0.0
-32.5°	73.7	58.0	43.3	29.0	16.3	6.2	0.0
-35°	71.1	55.8	41.7	27.9	15.7	6.1	0.0
-37.5°	68.3	53.5	39.9	26.6	15.0	5.9	0.0
-40°	65.3	51.2	38.1	25.3	14.3	5.7	0.0
-42.5°	62.2	48.8	36.1	23.9	13.6	5.5	0.0
-45°	58.9	46.2	34.1	22.4	12.8	5.2	0.0
-47.5°	55.4	43.4	32.0	20.8	12.0	5.0	0.0
-50°	52.0	40.6	29.8	19.4	11.1	4.8	0.0
-52.5°	48.3	37.6	27.5	18.1	10.2	4.5	0.0
-55°	44.6	34.6	25.2	16.7	9.3	4.2	0.0
-57.5°	40.7	31.6	22.8	15.3	8.4	4.0	0.0
-60°	36.7	28.5	20.3	13.9	7.4	3.7	0.0
-62.5°	32.9	25.3	18.3	12.4	6.8	3.4	0.0
-65°	28.9	22.1	16.3	10.8	6.2	3.1	0.0
-67.5°	25.0	19.1	14.2	9.3	5.7	2.8	0.0
-70°	20.9	16.5	12.1	7.7	5.1	2.5	0.0
-72.5°	17.6	13.8	10.0	6.7	4.4	2.2	0.0
-75°	14.4	11.1	7.8	5.7	3.8	1.9	0.0
-77.5°	11.1	8.4	6.4	4.8	3.2	1.6	0.0
-80°	7.8	6.4	5.1	3.8	2.6	1.3	0.0
-82.5°	5.7	4.8	3.8	2.9	1.9	1.0	0.0
-85°	3.8	3.2	2.6	1.9	1.3	0.6	0.0
-87.5°	1.9	1.6	1.3	1.0	0.6	0.3	0.0
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0

(END OF REPORT)