

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: P626859 (CONVERTED FROM TYPE C PHOTOMETRY)

Luminaire Tested: **GFLD-SA2B-735-U-NR-XX**

Issue Date: 12/7/2022

Test Information

Test Method: LM-79-08
Report Number: P626859 (CONVERTED FROM TYPE C PHOTOMETRY)
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G2-2210-813-11)
Test Lab: COOPER LIGHTING SOLUTIONS
Issue Date: 12/7/2022
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: MCGRAW-EDISON
Catalog Number: GFLD-SA2B-735-U-NR-XX
Description: GALLEON FLOOD, TWO LIGHT SQAURE, NARROW SYMMETRICAL ROUND N45
Light Source: (32) 3500K CCT, 70 CRI LEDS
Ballast/Driver: -

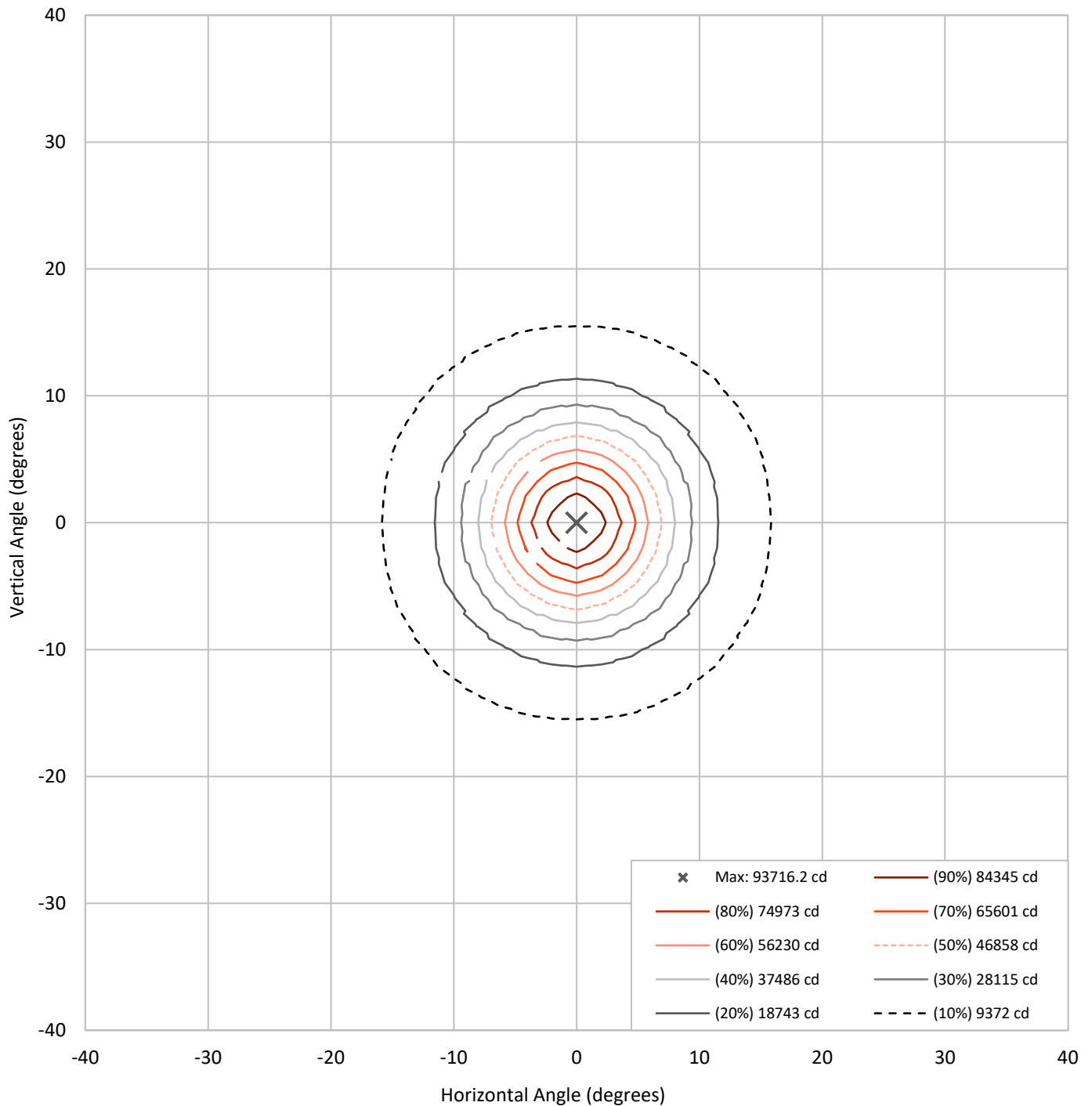
Summary

Lumens per Lamp:	N/A	NEMA Type:	3H x 3V
Luminaire Lumens:	9951.3 lumens	Max Intensity:	93716.2 candela
Efficiency:	N/A	Max Intensity Angle:	0°H x 0°V
Efficacy:	156.5 lumens/watt		
Luminous Opening:	Rectangular (W 1' x L: 0.5' x H: 0')		
Beam Angle (50%):	13.7°H x 13.6°V	Field Angle (10%):	31.6°H x 30.6°V
Beam Lumens:	2942.2 lumens	Field Lumens:	6621.1 lumens
Beam Efficiency:	29.6%	Field Efficiency:	66.5%
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		



REPORT NUMBER: P626859 (CONVERTED FROM TYPE C PHOTOMETRY)
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Iso-Candela Plot





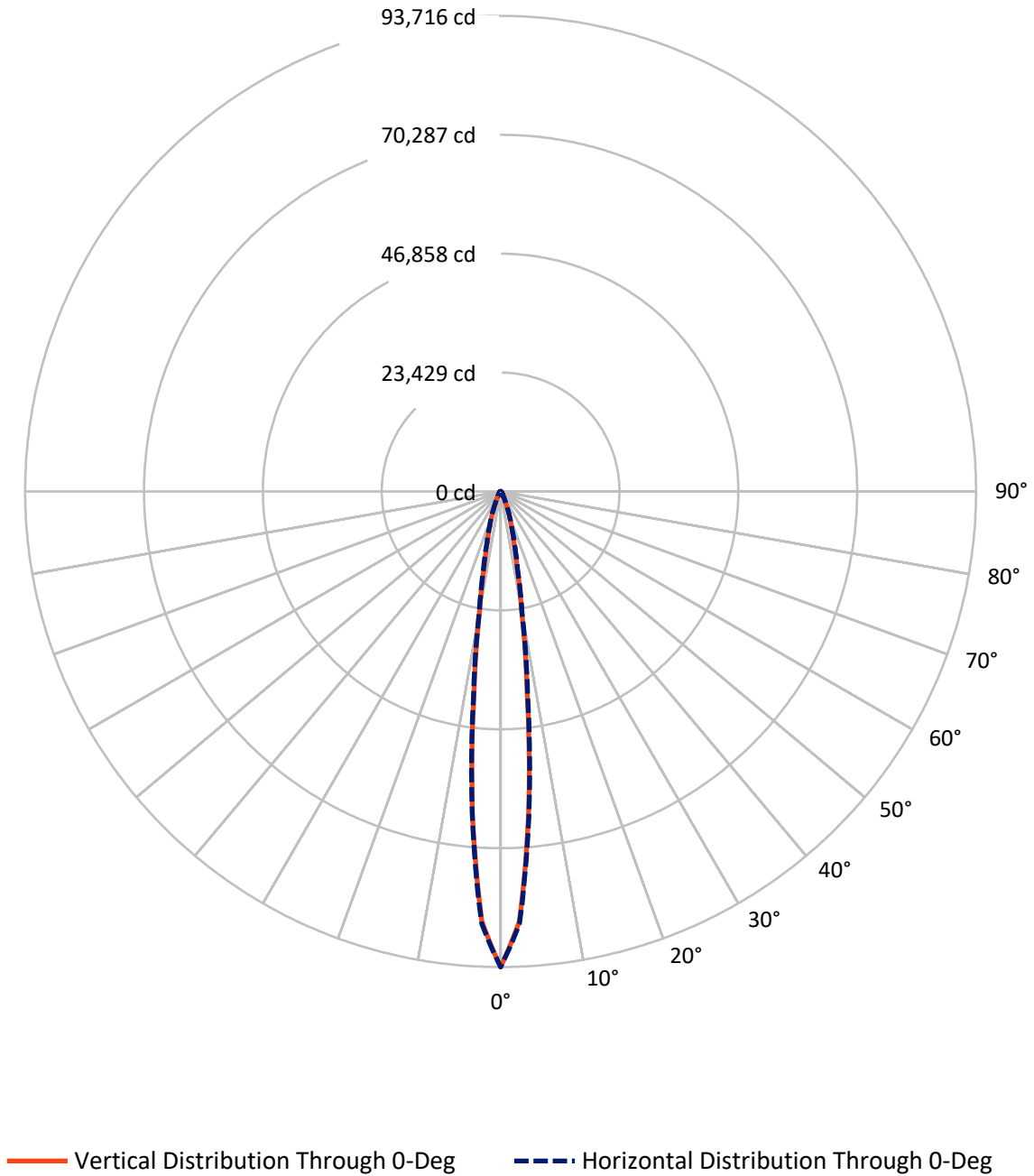
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Lumen Table

90	0.2	1.4	3.6	5.8	6.3	5.8	3.6	1.4	0.2							
80	0.2	1.4	3.6	5.8	6.3	5.8	3.6	1.4	0.2							
70	0.6	0.7	1.4	2.4	3.3	4.1	4.6	4.8	4.8	4.6	4.1	3.3	2.4	1.4	0.7	0.6
60		1.1	2.2	3.5	4.7	5.7	6.4	6.7	6.7	6.4	5.7	4.7	3.5	2.2	1.1	
50	1.1	1.4	2.8	4.3	5.7	7.2	8.5	9.2	9.2	8.5	7.2	5.7	4.3	2.8	1.4	1.1
40		1.7	3.3	5.0	7.1	10.2	14.3	17.8	17.8	14.3	10.2	7.1	5.0	3.3	1.7	
30	1.4	1.9	3.6	5.6	9.2	18.2	41.4	68.5	68.5	41.4	18.2	9.2	5.6	3.6	1.9	1.4
20		2.0	3.8	6.2	12.2	38.6	137.1	295.3	295.3	137.1	38.6	12.2	6.2	3.8	2.0	
10	1.5	2.1	3.9	6.6	14.7	63.6	298.0	1287.4	1287.4	298.0	63.6	14.7	6.6	3.9	2.1	1.5
0		2.1	3.9	6.6	14.7	63.6	298.0	1287.4	1287.4	298.0	63.6	14.7	6.6	3.9	2.1	
-10	1.4	2.0	3.8	6.2	12.2	38.6	137.1	295.3	295.3	137.1	38.6	12.2	6.2	3.8	2.0	1.4
-20		1.9	3.6	5.6	9.2	18.2	41.4	68.5	68.5	41.4	18.2	9.2	5.6	3.6	1.9	
-30	1.1	1.7	3.3	5.0	7.1	10.2	14.3	17.8	17.8	14.3	10.2	7.1	5.0	3.3	1.7	1.1
-40		1.4	2.8	4.3	5.7	7.2	8.5	9.2	9.2	8.5	7.2	5.7	4.3	2.8	1.4	
-50	0.6	1.1	2.2	3.5	4.7	5.7	6.4	6.7	6.7	6.4	5.7	4.7	3.5	2.2	1.1	0.6
-60		0.7	1.4	2.4	3.3	4.1	4.6	4.8	4.8	4.6	4.1	3.3	2.4	1.4	0.7	
-70	0.2	1.4	3.6	5.8	6.3	5.8	3.6	1.4	0.2							
-80		0.2	1.4	3.6	5.8	6.3	5.8	3.6	1.4	0.2						
-90	0.2	1.4	3.6	5.8	6.3	5.8	3.6	1.4	0.2							

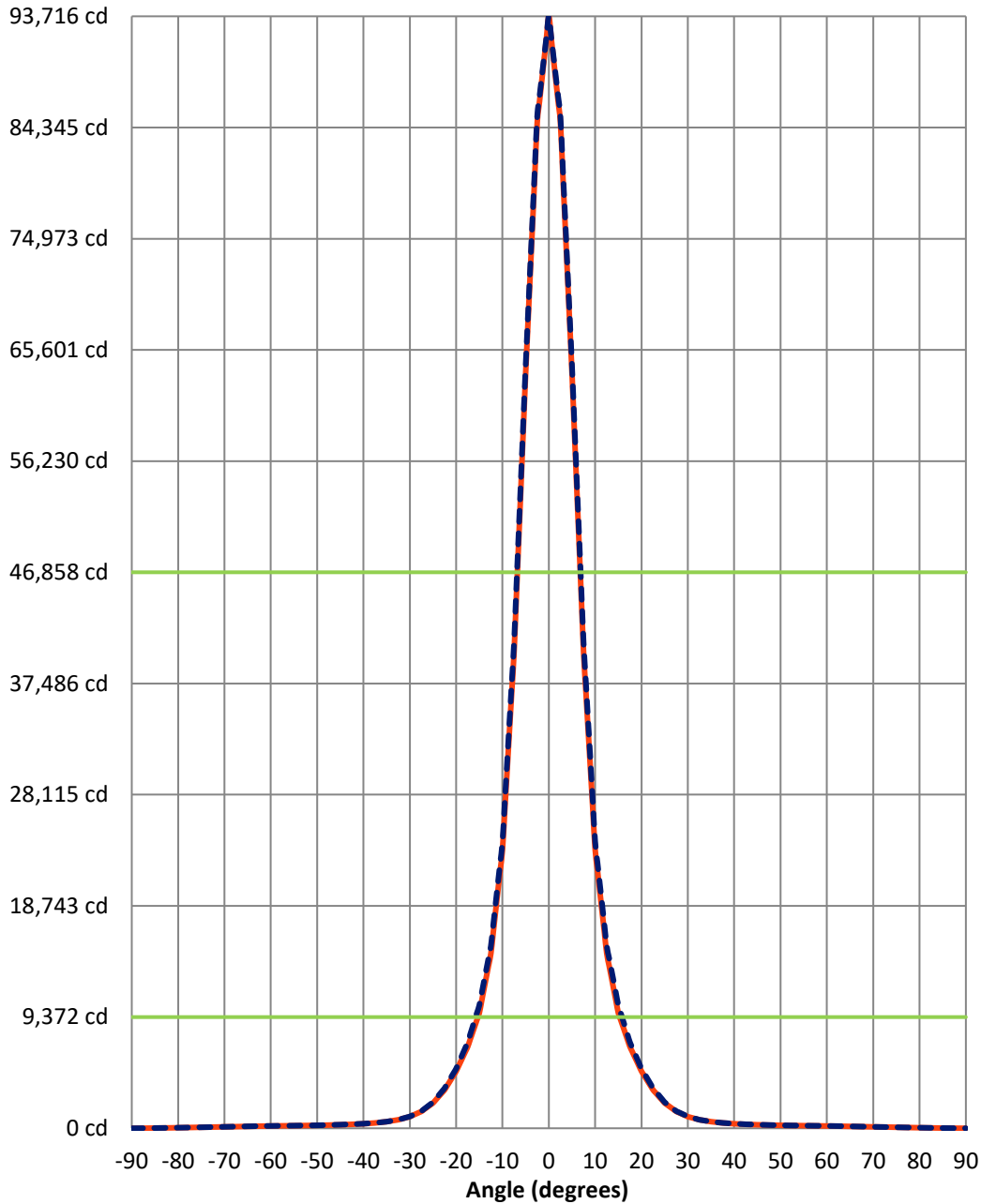
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Luminous Intensity Polar Plot



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Luminous Intensity Plot



Beam:
 H Angle: 13.7°
 V Angle: 13.6°
 Lumens: 2942.2
 Efficiency: 29.6%

Field:
 H Angle: 31.6°
 V Angle: 30.6°
 Lumens: 6621.1
 Efficiency: 66.5%

Spill:
 Lumens: 3330.2
 Efficiency: 33.5%

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

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FIELD
BEAM

CANDELA DISTRIBUTION:

	-90°	-87.5°	-85°	-82.5°	-80°	-77.5°	-75°	-72.5°	-70°	-67.5°	-65°
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
87.5°	0.0	0.3	0.7	1.0	1.4	1.7	2.1	2.4	2.7	3.1	3.4
85°	0.0	0.6	1.4	2.1	2.8	3.5	4.1	4.8	5.5	6.1	6.8
82.5°	0.0	0.9	2.1	3.1	4.2	5.2	6.2	7.2	8.3	9.8	11.2
80°	0.0	1.2	2.8	4.2	5.5	6.9	8.4	10.4	12.4	14.3	16.3
77.5°	0.0	1.5	3.4	5.2	6.9	8.9	11.4	14.0	16.4	18.9	21.5
75°	0.0	1.8	4.1	6.2	8.3	11.3	14.4	17.5	20.5	23.9	27.3
72.5°	0.0	2.1	4.8	7.2	10.2	13.7	17.4	21.2	25.2	29.1	33.0
70°	0.0	2.4	5.4	8.2	12.0	16.0	20.4	25.2	29.7	34.2	39.3
67.5°	0.0	2.6	6.0	9.5	13.7	18.3	23.7	29.1	34.2	40.0	45.7
65°	0.0	2.9	6.6	10.8	15.5	20.8	27.0	33.0	39.3	45.7	52.5
62.5°	0.0	3.2	7.2	12.0	17.1	23.4	30.2	37.2	44.3	51.6	60.0
60°	0.0	3.4	7.7	13.2	18.8	26.1	33.4	41.5	49.2	58.1	67.4
57.5°	0.0	3.7	8.5	14.3	20.8	28.6	36.8	45.7	54.6	64.3	74.4
55°	0.0	3.9	9.2	15.4	22.8	31.1	40.3	49.7	59.9	70.4	81.2
52.5°	0.0	4.1	9.9	16.5	24.7	33.6	43.6	54.0	65.0	76.2	87.8
50°	0.0	4.3	10.5	17.5	26.5	36.2	46.8	58.2	69.9	81.7	94.0
47.5°	0.0	4.6	11.2	18.5	28.3	38.8	49.9	62.3	74.5	87.0	100.2
45°	0.0	4.7	11.8	19.8	30.0	41.3	53.3	66.2	79.0	92.4	106.2
42.5°	0.0	4.9	12.4	21.0	31.6	43.6	56.5	69.9	83.2	97.6	112.0
40°	0.0	5.1	13.0	22.2	33.3	45.9	59.5	73.5	87.4	102.7	117.7
37.5°	0.0	5.2	13.6	23.4	35.0	48.0	62.4	76.8	91.6	107.5	123.2
35°	0.0	5.4	14.1	24.5	36.6	50.2	65.2	80.0	95.5	111.9	128.5
32.5°	0.0	5.5	14.6	25.5	38.1	52.3	67.7	83.0	99.2	116.1	133.1
30°	0.0	5.6	15.1	26.4	39.5	54.3	70.1	85.8	102.5	120.0	137.3
27.5°	0.0	5.7	15.6	27.3	40.9	56.1	72.3	88.5	105.5	123.6	141.1
25°	0.0	5.8	16.0	28.1	42.1	57.8	74.3	90.9	108.4	126.7	144.4
22.5°	0.0	5.9	16.4	28.9	43.3	59.3	76.1	93.0	111.0	129.4	147.3
20°	0.0	6.0	16.7	29.6	44.3	60.6	77.7	94.9	113.3	131.8	149.9
17.5°	0.0	6.0	17.0	30.1	45.2	61.7	79.0	96.5	115.3	133.8	152.2
15°	0.0	6.0	17.3	30.7	46.0	62.6	80.1	97.9	117.0	135.4	154.2
12.5°	0.0	6.1	17.5	31.1	46.7	63.3	81.0	99.2	118.4	136.6	155.9
10°	0.0	6.1	17.7	31.5	47.2	63.9	81.7	100.3	119.5	137.9	157.5
7.5°	0.0	6.1	17.9	31.7	47.6	64.2	82.2	101.2	120.2	139.1	159.3
5°	0.0	6.1	18.0	31.9	48.0	64.4	82.4	101.9	120.6	139.9	160.8
2.5°	0.0	6.0	18.1	32.1	48.1	64.4	82.5	102.3	120.7	140.4	161.9
0°	0.0	6.0	18.1	32.1	48.2	64.3	82.3	102.4	120.5	140.6	162.6
-2.5°	0.0	6.0	18.1	32.1	48.1	64.4	82.5	102.3	120.7	140.4	161.9
-5°	0.0	6.1	18.0	31.9	48.0	64.4	82.4	101.9	120.6	139.9	160.8
-7.5°	0.0	6.1	17.9	31.7	47.6	64.2	82.2	101.2	120.2	139.1	159.3
-10°	0.0	6.1	17.7	31.5	47.2	63.9	81.7	100.3	119.5	137.9	157.5
-12.5°	0.0	6.1	17.5	31.1	46.7	63.3	81.0	99.2	118.4	136.6	155.9
-15°	0.0	6.0	17.3	30.7	46.0	62.6	80.1	97.9	117.0	135.4	154.2
-17.5°	0.0	6.0	17.0	30.1	45.2	61.7	79.0	96.5	115.3	133.8	152.2
-20°	0.0	6.0	16.7	29.6	44.3	60.6	77.7	94.9	113.3	131.8	149.9

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Scaled Data Report



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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	5.9	16.4	28.9	43.3	59.3	76.1	93.0	111.0	129.4	147.3
-25°	0.0	5.8	16.0	28.1	42.1	57.8	74.3	90.9	108.4	126.7	144.4
-27.5°	0.0	5.7	15.6	27.3	40.9	56.1	72.3	88.5	105.5	123.6	141.1
-30°	0.0	5.6	15.1	26.4	39.5	54.3	70.1	85.8	102.5	120.0	137.3
-32.5°	0.0	5.5	14.6	25.5	38.1	52.3	67.7	83.0	99.2	116.1	133.1
-35°	0.0	5.4	14.1	24.5	36.6	50.2	65.2	80.0	95.5	111.9	128.5
-37.5°	0.0	5.2	13.6	23.4	35.0	48.0	62.4	76.8	91.6	107.5	123.2
-40°	0.0	5.1	13.0	22.2	33.3	45.9	59.5	73.5	87.4	102.7	117.7
-42.5°	0.0	4.9	12.4	21.0	31.6	43.6	56.5	69.9	83.2	97.6	112.0
-45°	0.0	4.7	11.8	19.8	30.0	41.3	53.3	66.2	79.0	92.4	106.2
-47.5°	0.0	4.6	11.2	18.5	28.3	38.8	49.9	62.3	74.5	87.0	100.2
-50°	0.0	4.3	10.5	17.5	26.5	36.2	46.8	58.2	69.9	81.7	94.0
-52.5°	0.0	4.1	9.9	16.5	24.7	33.6	43.6	54.0	65.0	76.2	87.8
-55°	0.0	3.9	9.2	15.4	22.8	31.1	40.3	49.7	59.9	70.4	81.2
-57.5°	0.0	3.7	8.5	14.3	20.8	28.6	36.8	45.7	54.6	64.3	74.4
-60°	0.0	3.4	7.7	13.2	18.8	26.1	33.4	41.5	49.2	58.1	67.4
-62.5°	0.0	3.2	7.2	12.0	17.1	23.4	30.2	37.2	44.3	51.6	60.0
-65°	0.0	2.9	6.6	10.8	15.5	20.8	27.0	33.0	39.3	45.7	52.5
-67.5°	0.0	2.6	6.0	9.5	13.7	18.3	23.7	29.1	34.2	40.0	45.7
-70°	0.0	2.4	5.4	8.2	12.0	16.0	20.4	25.2	29.7	34.2	39.3
-72.5°	0.0	2.1	4.8	7.2	10.2	13.7	17.4	21.2	25.2	29.1	33.0
-75°	0.0	1.8	4.1	6.2	8.3	11.3	14.4	17.5	20.5	23.9	27.3
-77.5°	0.0	1.5	3.4	5.2	6.9	8.9	11.4	14.0	16.4	18.9	21.5
-80°	0.0	1.2	2.8	4.2	5.5	6.9	8.4	10.4	12.4	14.3	16.3
-82.5°	0.0	0.9	2.1	3.1	4.2	5.2	6.2	7.2	8.3	9.8	11.2
-85°	0.0	0.6	1.4	2.1	2.8	3.5	4.1	4.8	5.5	6.1	6.8
-87.5°	0.0	0.3	0.7	1.0	1.4	1.7	2.1	2.4	2.7	3.1	3.4
-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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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°	3.7	4.0	4.3	4.6	4.9	5.1	5.4	5.7	5.9	6.1	6.3
85°	7.4	8.0	8.9	9.8	10.5	11.2	11.7	12.2	13.0	13.9	14.8
82.5°	12.6	14.0	15.4	16.7	17.6	18.3	19.0	20.0	21.8	23.5	25.0
80°	18.2	20.0	22.1	24.1	25.8	27.6	29.4	31.3	33.2	35.0	36.8
77.5°	24.2	26.9	29.5	32.0	34.6	37.3	39.9	42.5	44.9	47.3	49.5
75°	30.5	33.7	37.3	40.8	44.2	47.5	50.7	54.1	57.4	60.6	63.6
72.5°	37.2	41.5	45.7	49.8	54.2	58.5	62.7	66.7	70.6	74.7	79.0
70°	44.3	49.2	54.7	59.9	64.8	70.0	75.1	79.5	83.7	89.3	95.1
67.5°	51.6	58.2	64.4	70.3	76.8	82.9	88.1	93.7	99.7	106.2	111.9
65°	60.2	67.4	74.6	82.0	89.6	95.9	102.4	109.4	116.2	122.7	128.9
62.5°	68.7	76.8	85.1	93.2	100.9	108.5	116.4	124.2	131.6	139.2	145.9
60°	76.9	86.1	94.8	103.2	112.0	121.4	130.2	138.8	147.8	156.4	160.8
57.5°	84.8	94.6	103.7	113.2	123.5	134.2	143.4	153.1	160.8	166.8	172.6
55°	92.3	102.4	112.4	123.1	134.3	145.3	155.6	164.3	171.4	176.9	183.0
52.5°	99.2	109.9	120.8	132.4	144.4	156.2	166.9	175.1	181.4	187.0	192.8
50°	106.0	117.3	128.8	141.6	154.4	166.9	177.4	184.8	190.9	196.6	202.5
47.5°	112.7	124.6	136.9	150.6	164.4	176.5	186.4	193.3	199.4	206.1	212.5
45°	119.3	132.2	145.2	159.9	173.8	185.4	193.9	200.7	208.2	215.5	222.4
42.5°	125.8	139.6	153.8	169.0	182.4	192.9	200.8	208.8	216.9	224.7	232.5
40°	132.2	146.8	161.7	176.8	190.3	199.4	207.8	216.5	225.4	233.8	242.6
37.5°	138.5	153.5	168.9	184.2	196.5	205.7	214.3	224.0	233.4	242.6	253.8
35°	144.4	159.6	175.2	189.9	201.8	211.3	221.0	231.1	241.0	252.8	265.7
32.5°	149.7	165.1	180.9	194.6	206.2	216.5	227.4	238.0	249.8	263.2	278.7
30°	154.1	169.9	185.7	199.2	210.5	221.4	233.2	244.9	258.7	274.8	293.2
27.5°	158.0	174.2	189.6	203.1	214.6	225.4	237.9	252.6	268.4	286.5	308.1
25°	161.6	178.6	193.3	206.6	217.8	229.2	242.5	258.7	277.9	299.6	326.1
22.5°	165.1	182.8	197.0	210.0	220.4	232.6	247.6	265.3	286.1	311.6	343.8
20°	168.4	185.9	200.0	212.7	222.4	235.6	252.2	271.0	294.7	325.1	362.4
17.5°	171.4	188.6	202.3	214.2	224.9	238.8	256.2	275.7	302.1	337.3	379.4
15°	174.2	190.9	204.2	215.5	227.1	242.2	260.3	281.5	310.4	349.0	394.4
12.5°	176.6	192.7	205.6	216.5	228.9	244.9	264.1	287.6	319.2	360.4	413.5
10°	178.7	194.1	206.6	217.2	230.2	247.1	267.2	292.5	326.3	369.3	428.3
7.5°	180.5	195.2	207.3	217.6	231.1	248.5	269.6	296.2	331.2	375.7	438.9
5°	181.7	196.1	208.1	218.9	232.4	249.7	271.3	298.8	334.1	379.4	445.5
2.5°	182.5	196.6	208.6	220.0	233.9	250.7	272.7	301.6	336.5	383.1	450.6
0°	182.7	196.8	208.8	220.9	234.9	251.0	273.1	303.2	337.3	385.5	453.8
-2.5°	182.5	196.6	208.6	220.0	233.9	250.7	272.7	301.6	336.5	383.1	450.6
-5°	181.7	196.1	208.1	218.9	232.4	249.7	271.3	298.8	334.1	379.4	445.5
-7.5°	180.5	195.2	207.3	217.6	231.1	248.5	269.6	296.2	331.2	375.7	438.9
-10°	178.7	194.1	206.6	217.2	230.2	247.1	267.2	292.5	326.3	369.3	428.3
-12.5°	176.6	192.7	205.6	216.5	228.9	244.9	264.1	287.6	319.2	360.4	413.5
-15°	174.2	190.9	204.2	215.5	227.1	242.2	260.3	281.5	310.4	349.0	394.4
-17.5°	171.4	188.6	202.3	214.2	224.9	238.8	256.2	275.7	302.1	337.3	379.4
-20°	168.4	185.9	200.0	212.7	222.4	235.6	252.2	271.0	294.7	325.1	362.4

Classified

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

Scaled Data Report



REPORT NUMBER: P626859 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA2B-735-U-NR-XX

CANDELA DISTRIBUTION (continued):

	-62.5°	-60°	-57.5°	-55°	-52.5°	-50°	-47.5°	-45°	-42.5°	-40°	-37.5°
-22.5°	165.1	182.8	197.0	210.0	220.4	232.6	247.6	265.3	286.1	311.6	343.8
-25°	161.6	178.6	193.3	206.6	217.8	229.2	242.5	258.7	277.9	299.6	326.1
-27.5°	158.0	174.2	189.6	203.1	214.6	225.4	237.9	252.6	268.4	286.5	308.1
-30°	154.1	169.9	185.7	199.2	210.5	221.4	233.2	244.9	258.7	274.8	293.2
-32.5°	149.7	165.1	180.9	194.6	206.2	216.5	227.4	238.0	249.8	263.2	278.7
-35°	144.4	159.6	175.2	189.9	201.8	211.3	221.0	231.1	241.0	252.8	265.7
-37.5°	138.5	153.5	168.9	184.2	196.5	205.7	214.3	224.0	233.4	242.6	253.8
-40°	132.2	146.8	161.7	176.8	190.3	199.4	207.8	216.5	225.4	233.8	242.6
-42.5°	125.8	139.6	153.8	169.0	182.4	192.9	200.8	208.8	216.9	224.7	232.5
-45°	119.3	132.2	145.2	159.9	173.8	185.4	193.9	200.7	208.2	215.5	222.4
-47.5°	112.7	124.6	136.9	150.6	164.4	176.5	186.4	193.3	199.4	206.1	212.5
-50°	106.0	117.3	128.8	141.6	154.4	166.9	177.4	184.8	190.9	196.6	202.5
-52.5°	99.2	109.9	120.8	132.4	144.4	156.2	166.9	175.1	181.4	187.0	192.8
-55°	92.3	102.4	112.4	123.1	134.3	145.3	155.6	164.3	171.4	176.9	183.0
-57.5°	84.8	94.6	103.7	113.2	123.5	134.2	143.4	153.1	160.8	166.8	172.6
-60°	76.9	86.1	94.8	103.2	112.0	121.4	130.2	138.8	147.8	156.4	160.8
-62.5°	68.7	76.8	85.1	93.2	100.9	108.5	116.4	124.2	131.6	139.2	145.9
-65°	60.2	67.4	74.6	82.0	89.6	95.9	102.4	109.4	116.2	122.7	128.9
-67.5°	51.6	58.2	64.4	70.3	76.8	82.9	88.1	93.7	99.7	106.2	111.9
-70°	44.3	49.2	54.7	59.9	64.8	70.0	75.1	79.5	83.7	89.3	95.1
-72.5°	37.2	41.5	45.7	49.8	54.2	58.5	62.7	66.7	70.6	74.7	79.0
-75°	30.5	33.7	37.3	40.8	44.2	47.5	50.7	54.1	57.4	60.6	63.6
-77.5°	24.2	26.9	29.5	32.0	34.6	37.3	39.9	42.5	44.9	47.3	49.5
-80°	18.2	20.0	22.1	24.1	25.8	27.6	29.4	31.3	33.2	35.0	36.8
-82.5°	12.6	14.0	15.4	16.7	17.6	18.3	19.0	20.0	21.8	23.5	25.0
-85°	7.4	8.0	8.9	9.8	10.5	11.2	11.7	12.2	13.0	13.9	14.8
-87.5°	3.7	4.0	4.3	4.6	4.9	5.1	5.4	5.7	5.9	6.1	6.3
-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: P626859 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA2B-735-U-NR-XX

CANDELA DISTRIBUTION (continued):

	-35°	-32.5°	-30°	-27.5°	-25°	-22.5°	-20°	-17.5°	-15°	-12.5°	-10°
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
87.5°	6.6	6.7	6.9	7.1	7.3	7.4	7.5	7.6	7.7	7.3	6.9
85°	15.7	16.3	16.9	17.4	17.8	18.3	18.6	19.0	19.3	19.0	18.7
82.5°	26.4	27.5	28.4	29.3	30.1	30.9	31.6	32.1	32.7	32.6	32.5
80°	38.5	40.2	41.9	43.6	45.3	46.3	47.1	47.6	48.0	48.2	48.2
77.5°	51.7	54.4	57.2	59.9	62.6	64.1	65.2	66.2	66.9	67.1	66.9
75°	66.4	69.9	73.7	77.0	79.8	81.6	82.8	83.8	84.6	84.9	84.8
72.5°	83.5	87.7	91.1	93.9	96.3	98.2	99.7	101.0	102.1	102.5	102.6
70°	100.2	104.4	107.6	110.5	112.8	114.8	116.7	118.2	119.5	120.5	121.2
67.5°	117.2	122.0	125.3	127.9	129.9	132.0	134.5	136.6	138.4	139.6	140.1
65°	134.7	139.6	142.8	145.6	148.1	150.7	153.5	155.4	156.7	157.5	158.1
62.5°	151.6	156.2	160.2	164.0	167.5	170.5	172.4	174.0	175.4	176.6	177.6
60°	166.1	172.0	176.5	180.0	183.5	186.9	189.2	191.0	192.5	193.5	194.2
57.5°	178.5	184.4	189.7	193.2	197.0	201.1	203.7	205.3	206.7	207.9	208.4
55°	189.3	194.8	199.7	204.5	208.7	212.3	215.1	217.2	219.0	220.4	220.8
52.5°	199.0	205.0	210.8	215.8	220.0	223.5	226.3	228.9	230.8	232.1	232.7
50°	209.2	215.7	221.9	227.4	231.7	235.6	239.1	242.1	245.0	247.3	248.9
47.5°	219.3	226.2	233.0	239.1	244.3	249.9	255.0	259.3	263.5	266.9	269.3
45°	229.5	237.5	244.9	252.7	259.6	267.1	274.0	279.9	286.0	290.6	293.7
42.5°	240.8	249.8	258.7	268.4	278.0	287.6	298.1	307.4	314.6	321.3	326.8
40°	252.8	263.2	274.8	286.8	300.8	313.5	327.6	339.6	350.5	362.0	371.1
37.5°	265.7	278.7	293.9	309.9	328.1	345.5	363.9	381.9	397.5	416.0	430.1
35°	280.0	297.2	316.0	337.7	360.3	385.3	410.3	439.2	464.1	491.5	515.4
32.5°	296.8	317.4	342.1	370.7	399.7	437.6	473.1	519.1	558.9	602.4	646.1
30°	314.2	341.2	373.0	408.9	455.1	507.3	565.3	633.8	704.4	772.8	855.2
27.5°	335.7	368.2	406.8	459.3	527.3	597.7	697.6	800.4	930.2	1037.6	1189.0
25°	358.0	396.3	451.1	522.5	611.3	733.5	885.1	1049.4	1277.8	1478.5	1713.9
22.5°	382.3	434.1	502.2	590.3	724.9	912.6	1142.1	1451.5	1788.4	2146.0	2501.8
20°	407.7	470.2	559.5	687.3	871.9	1126.1	1520.2	1997.8	2479.0	3069.2	3591.8
17.5°	437.0	516.6	626.6	786.4	1032.8	1422.2	1968.9	2635.6	3382.3	4230.8	4984.2
15°	461.4	556.4	695.2	918.8	1257.7	1757.7	2447.2	3364.4	4486.4	5625.9	6782.1
12.5°	489.7	599.6	762.7	1029.3	1454.9	2119.5	3057.9	4218.8	5620.1	7200.8	9064.1
10°	514.9	642.1	844.8	1174.8	1694.9	2496.7	3635.7	5032.3	6840.6	9114.9	12000.5
7.5°	533.6	675.9	908.1	1285.5	1902.4	2859.4	4181.5	5923.1	8220.9	11224.0	15184.3
5°	545.7	700.3	953.0	1371.0	2064.8	3129.4	4581.6	6555.0	9327.1	13574.5	20280.6
2.5°	553.0	714.8	978.6	1421.1	2163.6	3308.2	4885.9	7032.8	10044.0	15027.0	23558.5
0°	556.2	718.8	993.9	1447.7	2196.6	3377.3	5025.7	7250.5	10364.7	15366.4	24134.8
-2.5°	553.0	714.8	978.6	1421.1	2163.6	3308.2	4885.9	7032.8	10044.0	15027.0	23558.5
-5°	545.7	700.3	953.0	1371.0	2064.8	3129.4	4581.6	6555.0	9327.1	13574.5	20280.6
-7.5°	533.6	675.9	908.1	1285.5	1902.4	2859.4	4181.5	5923.1	8220.9	11224.0	15184.3
-10°	514.9	642.1	844.8	1174.8	1694.9	2496.7	3635.7	5032.3	6840.6	9114.9	12000.5
-12.5°	489.7	599.6	762.7	1029.3	1454.9	2119.5	3057.9	4218.8	5620.1	7200.8	9064.1
-15°	461.4	556.4	695.2	918.8	1257.7	1757.7	2447.2	3364.4	4486.4	5625.9	6782.1
-17.5°	437.0	516.6	626.6	786.4	1032.8	1422.2	1968.9	2635.6	3382.3	4230.8	4984.2
-20°	407.7	470.2	559.5	687.3	871.9	1126.1	1520.2	1997.8	2479.0	3069.2	3591.8

Classified

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Peachtree City, GA 30269

Scaled Data Report



REPORT NUMBER: P626859 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA2B-735-U-NR-XX

CANDELA DISTRIBUTION (continued):

	-35°	-32.5°	-30°	-27.5°	-25°	-22.5°	-20°	-17.5°	-15°	-12.5°	-10°
-22.5°	382.3	434.1	502.2	590.3	724.9	912.6	1142.1	1451.5	1788.4	2146.0	2501.8
-25°	358.0	396.3	451.1	522.5	611.3	733.5	885.1	1049.4	1277.8	1478.5	1713.9
-27.5°	335.7	368.2	406.8	459.3	527.3	597.7	697.6	800.4	930.2	1037.6	1189.0
-30°	314.2	341.2	373.0	408.9	455.1	507.3	565.3	633.8	704.4	772.8	855.2
-32.5°	296.8	317.4	342.1	370.7	399.7	437.6	473.1	519.1	558.9	602.4	646.1
-35°	280.0	297.2	316.0	337.7	360.3	385.3	410.3	439.2	464.1	491.5	515.4
-37.5°	265.7	278.7	293.9	309.9	328.1	345.5	363.9	381.9	397.5	416.0	430.1
-40°	252.8	263.2	274.8	286.8	300.8	313.5	327.6	339.6	350.5	362.0	371.1
-42.5°	240.8	249.8	258.7	268.4	278.0	287.6	298.1	307.4	314.6	321.3	326.8
-45°	229.5	237.5	244.9	252.7	259.6	267.1	274.0	279.9	286.0	290.6	293.7
-47.5°	219.3	226.2	233.0	239.1	244.3	249.9	255.0	259.3	263.5	266.9	269.3
-50°	209.2	215.7	221.9	227.4	231.7	235.6	239.1	242.1	245.0	247.3	248.9
-52.5°	199.0	205.0	210.8	215.8	220.0	223.5	226.3	228.9	230.8	232.1	232.7
-55°	189.3	194.8	199.7	204.5	208.7	212.3	215.1	217.2	219.0	220.4	220.8
-57.5°	178.5	184.4	189.7	193.2	197.0	201.1	203.7	205.3	206.7	207.9	208.4
-60°	166.1	172.0	176.5	180.0	183.5	186.9	189.2	191.0	192.5	193.5	194.2
-62.5°	151.6	156.2	160.2	164.0	167.5	170.5	172.4	174.0	175.4	176.6	177.6
-65°	134.7	139.6	142.8	145.6	148.1	150.7	153.5	155.4	156.7	157.5	158.1
-67.5°	117.2	122.0	125.3	127.9	129.9	132.0	134.5	136.6	138.4	139.6	140.1
-70°	100.2	104.4	107.6	110.5	112.8	114.8	116.7	118.2	119.5	120.5	121.2
-72.5°	83.5	87.7	91.1	93.9	96.3	98.2	99.7	101.0	102.1	102.5	102.6
-75°	66.4	69.9	73.7	77.0	79.8	81.6	82.8	83.8	84.6	84.9	84.8
-77.5°	51.7	54.4	57.2	59.9	62.6	64.1	65.2	66.2	66.9	67.1	66.9
-80°	38.5	40.2	41.9	43.6	45.3	46.3	47.1	47.6	48.0	48.2	48.2
-82.5°	26.4	27.5	28.4	29.3	30.1	30.9	31.6	32.1	32.7	32.6	32.5
-85°	15.7	16.3	16.9	17.4	17.8	18.3	18.6	19.0	19.3	19.0	18.7
-87.5°	6.6	6.7	6.9	7.1	7.3	7.4	7.5	7.6	7.7	7.3	6.9
-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: P626859 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA2B-735-U-NR-XX

CANDELA DISTRIBUTION (continued):

	-7.5°	-5°	-2.5°	0°	2.5°	5°	7.5°	10°	12.5°	15°	17.5°
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
87.5°	6.4	6.0	6.0	6.0	6.0	6.0	6.4	6.9	7.3	7.7	7.6
85°	18.4	18.0	18.1	18.1	18.1	18.0	18.4	18.7	19.0	19.3	19.0
82.5°	32.3	31.9	32.1	32.1	32.1	31.9	32.3	32.5	32.6	32.7	32.1
80°	48.2	48.0	47.2	46.2	47.2	48.0	48.2	48.2	48.2	48.0	47.6
77.5°	66.6	66.0	65.2	64.3	65.2	66.0	66.6	66.9	67.1	66.9	66.2
75°	84.5	83.9	84.2	84.3	84.2	83.9	84.5	84.8	84.9	84.6	83.8
72.5°	102.4	102.0	102.3	102.4	102.3	102.0	102.4	102.6	102.5	102.1	101.0
70°	121.7	121.9	121.4	120.5	121.4	121.9	121.7	121.2	120.5	119.5	118.2
67.5°	140.3	140.1	139.5	138.5	139.5	140.1	140.3	140.1	139.6	138.4	136.6
65°	158.3	158.1	158.4	158.6	158.4	158.1	158.3	158.1	157.5	156.7	155.4
62.5°	178.0	178.0	177.6	176.7	177.6	178.0	178.0	177.6	176.6	175.4	174.0
60°	194.4	194.3	193.8	192.8	193.8	194.3	194.4	194.2	193.5	192.5	191.0
57.5°	208.6	208.4	207.8	206.8	207.8	208.4	208.6	208.4	207.9	206.7	205.3
55°	220.9	220.6	219.9	218.9	219.9	220.6	220.9	220.8	220.4	219.0	217.2
52.5°	232.9	232.6	232.7	232.9	232.7	232.6	232.9	232.7	232.1	230.8	228.9
50°	249.9	250.3	250.0	249.0	250.0	250.3	249.9	248.9	247.3	245.0	242.1
47.5°	270.4	270.5	270.1	269.1	270.1	270.5	270.4	269.3	266.9	263.5	259.3
45°	296.1	297.6	298.0	297.2	298.0	297.6	296.1	293.7	290.6	286.0	279.9
42.5°	331.0	333.3	333.9	333.3	333.9	333.3	331.0	326.8	321.3	314.6	307.4
40°	376.7	379.3	379.9	379.5	379.9	379.3	376.7	371.1	362.0	350.5	339.6
37.5°	440.1	446.5	449.4	449.8	449.4	446.5	440.1	430.1	416.0	397.5	381.9
35°	533.6	546.2	552.9	556.2	552.9	546.2	533.6	515.4	491.5	464.1	439.2
32.5°	679.3	704.5	718.5	716.8	718.5	704.5	679.3	646.1	602.4	558.9	519.1
30°	917.4	961.5	983.7	977.8	983.7	961.5	917.4	855.2	772.8	704.4	633.8
27.5°	1297.7	1377.5	1423.7	1417.6	1423.7	1377.5	1297.7	1189.0	1037.6	930.2	800.4
25°	1910.5	2056.2	2149.5	2126.4	2149.5	2056.2	1910.5	1713.9	1478.5	1277.8	1049.4
22.5°	2842.9	3089.6	3252.8	3232.7	3252.8	3089.6	2842.9	2501.8	2146.0	1788.4	1451.5
20°	4121.7	4497.2	4765.4	4800.9	4765.4	4497.2	4121.7	3591.8	3069.2	2479.0	1997.8
17.5°	5798.0	6393.4	6807.8	6877.0	6807.8	6393.4	5798.0	4984.2	4230.8	3382.3	2635.6
15°	7976.5	8949.7	9654.0	9712.2	9654.0	8949.7	7976.5	6782.1	5625.9	4486.4	3364.4
12.5°	10934.7	12892.1	14169.5	14731.9	14169.5	12892.1	10934.7	9064.1	7200.8	5620.1	4218.8
10°	15028.6	19524.6	22403.9	23486.3	22403.9	19524.6	15028.6	12000.5	9114.9	6840.6	5032.3
7.5°	21866.8	28925.5	36773.0	40117.7	36773.0	28925.5	21866.8	15184.3	11224.0	8220.9	5923.1
5°	29610.5	44260.2	58194.7	63636.0	58194.7	44260.2	29610.5	20280.6	13574.5	9327.1	6555.0
2.5°	37758.8	58178.3	77313.1	84796.2	77313.1	58178.3	37758.8	23558.5	15027.0	10044.0	7032.8
0°	40940.9	64272.5	85325.3	93716.2	85325.3	64272.5	40940.9	24134.8	15366.4	10364.7	7250.5
-2.5°	37758.8	58178.3	77313.1	84796.2	77313.1	58178.3	37758.8	23558.5	15027.0	10044.0	7032.8
-5°	29610.5	44260.2	58194.7	63636.0	58194.7	44260.2	29610.5	20280.6	13574.5	9327.1	6555.0
-7.5°	21866.8	28925.5	36773.0	40117.7	36773.0	28925.5	21866.8	15184.3	11224.0	8220.9	5923.1
-10°	15028.6	19524.6	22403.9	23486.3	22403.9	19524.6	15028.6	12000.5	9114.9	6840.6	5032.3
-12.5°	10934.7	12892.1	14169.5	14731.9	14169.5	12892.1	10934.7	9064.1	7200.8	5620.1	4218.8
-15°	7976.5	8949.7	9654.0	9712.2	9654.0	8949.7	7976.5	6782.1	5625.9	4486.4	3364.4
-17.5°	5798.0	6393.4	6807.8	6877.0	6807.8	6393.4	5798.0	4984.2	4230.8	3382.3	2635.6
-20°	4121.7	4497.2	4765.4	4800.9	4765.4	4497.2	4121.7	3591.8	3069.2	2479.0	1997.8



REPORT NUMBER: P626859 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA2B-735-U-NR-XX

CANDELA DISTRIBUTION (continued):

	-7.5°	-5°	-2.5°	0°	2.5°	5°	7.5°	10°	12.5°	15°	17.5°
-22.5°	2842.9	3089.6	3252.8	3232.7	3252.8	3089.6	2842.9	2501.8	2146.0	1788.4	1451.5
-25°	1910.5	2056.2	2149.5	2126.4	2149.5	2056.2	1910.5	1713.9	1478.5	1277.8	1049.4
-27.5°	1297.7	1377.5	1423.7	1417.6	1423.7	1377.5	1297.7	1189.0	1037.6	930.2	800.4
-30°	917.4	961.5	983.7	977.8	983.7	961.5	917.4	855.2	772.8	704.4	633.8
-32.5°	679.3	704.5	718.5	716.8	718.5	704.5	679.3	646.1	602.4	558.9	519.1
-35°	533.6	546.2	552.9	556.2	552.9	546.2	533.6	515.4	491.5	464.1	439.2
-37.5°	440.1	446.5	449.4	449.8	449.4	446.5	440.1	430.1	416.0	397.5	381.9
-40°	376.7	379.3	379.9	379.5	379.9	379.3	376.7	371.1	362.0	350.5	339.6
-42.5°	331.0	333.3	333.9	333.3	333.9	333.3	331.0	326.8	321.3	314.6	307.4
-45°	296.1	297.6	298.0	297.2	298.0	297.6	296.1	293.7	290.6	286.0	279.9
-47.5°	270.4	270.5	270.1	269.1	270.1	270.5	270.4	269.3	266.9	263.5	259.3
-50°	249.9	250.3	250.0	249.0	250.0	250.3	249.9	248.9	247.3	245.0	242.1
-52.5°	232.9	232.6	232.7	232.9	232.7	232.6	232.9	232.7	232.1	230.8	228.9
-55°	220.9	220.6	219.9	218.9	219.9	220.6	220.9	220.8	220.4	219.0	217.2
-57.5°	208.6	208.4	207.8	206.8	207.8	208.4	208.6	208.4	207.9	206.7	205.3
-60°	194.4	194.3	193.8	192.8	193.8	194.3	194.4	194.2	193.5	192.5	191.0
-62.5°	178.0	178.0	177.6	176.7	177.6	178.0	178.0	177.6	176.6	175.4	174.0
-65°	158.3	158.1	158.4	158.6	158.4	158.1	158.3	158.1	157.5	156.7	155.4
-67.5°	140.3	140.1	139.5	138.5	139.5	140.1	140.3	140.1	139.6	138.4	136.6
-70°	121.7	121.9	121.4	120.5	121.4	121.9	121.7	121.2	120.5	119.5	118.2
-72.5°	102.4	102.0	102.3	102.4	102.3	102.0	102.4	102.6	102.5	102.1	101.0
-75°	84.5	83.9	84.2	84.3	84.2	83.9	84.5	84.8	84.9	84.6	83.8
-77.5°	66.6	66.0	65.2	64.3	65.2	66.0	66.6	66.9	67.1	66.9	66.2
-80°	48.2	48.0	47.2	46.2	47.2	48.0	48.2	48.2	48.2	48.0	47.6
-82.5°	32.3	31.9	32.1	32.1	32.1	31.9	32.3	32.5	32.6	32.7	32.1
-85°	18.4	18.0	18.1	18.1	18.1	18.0	18.4	18.7	19.0	19.3	19.0
-87.5°	6.4	6.0	6.0	6.0	6.0	6.0	6.4	6.9	7.3	7.7	7.6
-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: P626859 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA2B-735-U-NR-XX

CANDELA DISTRIBUTION (continued):

	20°	22.5°	25°	27.5°	30°	32.5°	35°	37.5°	40°	42.5°	45°
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
87.5°	7.5	7.4	7.3	7.1	6.9	6.7	6.6	6.3	6.1	5.9	5.7
85°	18.6	18.3	17.8	17.4	16.9	16.3	15.7	14.8	13.9	13.0	12.2
82.5°	31.6	30.9	30.1	29.3	28.4	27.5	26.4	25.0	23.5	21.8	20.0
80°	47.1	46.3	45.3	43.6	41.9	40.2	38.5	36.8	35.0	33.2	31.3
77.5°	65.2	64.1	62.6	59.9	57.2	54.4	51.7	49.5	47.3	44.9	42.5
75°	82.8	81.6	79.8	77.0	73.7	69.9	66.4	63.6	60.6	57.4	54.1
72.5°	99.7	98.2	96.3	93.9	91.1	87.7	83.5	79.0	74.7	70.6	66.7
70°	116.7	114.8	112.8	110.5	107.6	104.4	100.2	95.1	89.3	83.7	79.5
67.5°	134.5	132.0	129.9	127.9	125.3	122.0	117.2	111.9	106.2	99.7	93.7
65°	153.5	150.7	148.1	145.6	142.8	139.6	134.7	128.9	122.7	116.2	109.4
62.5°	172.4	170.5	167.5	164.0	160.2	156.2	151.6	145.9	139.2	131.6	124.2
60°	189.2	186.9	183.5	180.0	176.5	172.0	166.1	160.8	156.4	147.8	138.8
57.5°	203.7	201.1	197.0	193.2	189.7	184.4	178.5	172.6	166.8	160.8	153.1
55°	215.1	212.3	208.7	204.5	199.7	194.8	189.3	183.0	176.9	171.4	164.3
52.5°	226.3	223.5	220.0	215.8	210.8	205.0	199.0	192.8	187.0	181.4	175.1
50°	239.1	235.6	231.7	227.4	221.9	215.7	209.2	202.5	196.6	190.9	184.8
47.5°	255.0	249.9	244.3	239.1	233.0	226.2	219.3	212.5	206.1	199.4	193.3
45°	274.0	267.1	259.6	252.7	244.9	237.5	229.5	222.4	215.5	208.2	200.7
42.5°	298.1	287.6	278.0	268.4	258.7	249.8	240.8	232.5	224.7	216.9	208.8
40°	327.6	313.5	300.8	286.8	274.8	263.2	252.8	242.6	233.8	225.4	216.5
37.5°	363.9	345.5	328.1	309.9	293.9	278.7	265.7	253.8	242.6	233.4	224.0
35°	410.3	385.3	360.3	337.7	316.0	297.2	280.0	265.7	252.8	241.0	231.1
32.5°	473.1	437.6	399.7	370.7	342.1	317.4	296.8	278.7	263.2	249.8	238.0
30°	565.3	507.3	455.1	408.9	373.0	341.2	314.2	293.2	274.8	258.7	244.9
27.5°	697.6	597.7	527.3	459.3	406.8	368.2	335.7	308.1	286.5	268.4	252.6
25°	885.1	733.5	611.3	522.5	451.1	396.3	358.0	326.1	299.6	277.9	258.7
22.5°	1142.1	912.6	724.9	590.3	502.2	434.1	382.3	343.8	311.6	286.1	265.3
20°	1520.2	1126.1	871.9	687.3	559.5	470.2	407.7	362.4	325.1	294.7	271.0
17.5°	1968.9	1422.2	1032.8	786.4	626.6	516.6	437.0	379.4	337.3	302.1	275.7
15°	2447.2	1757.7	1257.7	918.8	695.2	556.4	461.4	394.4	349.0	310.4	281.5
12.5°	3057.9	2119.5	1454.9	1029.3	762.7	599.6	489.7	413.5	360.4	319.2	287.6
10°	3635.7	2496.7	1694.9	1174.8	844.8	642.1	514.9	428.3	369.3	326.3	292.5
7.5°	4181.5	2859.4	1902.4	1285.5	908.1	675.9	533.6	438.9	375.7	331.2	296.2
5°	4581.6	3129.4	2064.8	1371.0	953.0	700.3	545.7	445.5	379.4	334.1	298.8
2.5°	4885.9	3308.2	2163.6	1421.1	978.6	714.8	553.0	450.6	383.1	336.5	301.6
0°	5025.7	3377.3	2196.6	1447.7	993.9	718.8	556.2	453.8	385.5	337.3	303.2
-2.5°	4885.9	3308.2	2163.6	1421.1	978.6	714.8	553.0	450.6	383.1	336.5	301.6
-5°	4581.6	3129.4	2064.8	1371.0	953.0	700.3	545.7	445.5	379.4	334.1	298.8
-7.5°	4181.5	2859.4	1902.4	1285.5	908.1	675.9	533.6	438.9	375.7	331.2	296.2
-10°	3635.7	2496.7	1694.9	1174.8	844.8	642.1	514.9	428.3	369.3	326.3	292.5
-12.5°	3057.9	2119.5	1454.9	1029.3	762.7	599.6	489.7	413.5	360.4	319.2	287.6
-15°	2447.2	1757.7	1257.7	918.8	695.2	556.4	461.4	394.4	349.0	310.4	281.5
-17.5°	1968.9	1422.2	1032.8	786.4	626.6	516.6	437.0	379.4	337.3	302.1	275.7
-20°	1520.2	1126.1	871.9	687.3	559.5	470.2	407.7	362.4	325.1	294.7	271.0

Classified

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

Scaled Data Report



REPORT NUMBER: P626859 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA2B-735-U-NR-XX

CANDELA DISTRIBUTION (continued):

	20°	22.5°	25°	27.5°	30°	32.5°	35°	37.5°	40°	42.5°	45°
-22.5°	1142.1	912.6	724.9	590.3	502.2	434.1	382.3	343.8	311.6	286.1	265.3
-25°	885.1	733.5	611.3	522.5	451.1	396.3	358.0	326.1	299.6	277.9	258.7
-27.5°	697.6	597.7	527.3	459.3	406.8	368.2	335.7	308.1	286.5	268.4	252.6
-30°	565.3	507.3	455.1	408.9	373.0	341.2	314.2	293.2	274.8	258.7	244.9
-32.5°	473.1	437.6	399.7	370.7	342.1	317.4	296.8	278.7	263.2	249.8	238.0
-35°	410.3	385.3	360.3	337.7	316.0	297.2	280.0	265.7	252.8	241.0	231.1
-37.5°	363.9	345.5	328.1	309.9	293.9	278.7	265.7	253.8	242.6	233.4	224.0
-40°	327.6	313.5	300.8	286.8	274.8	263.2	252.8	242.6	233.8	225.4	216.5
-42.5°	298.1	287.6	278.0	268.4	258.7	249.8	240.8	232.5	224.7	216.9	208.8
-45°	274.0	267.1	259.6	252.7	244.9	237.5	229.5	222.4	215.5	208.2	200.7
-47.5°	255.0	249.9	244.3	239.1	233.0	226.2	219.3	212.5	206.1	199.4	193.3
-50°	239.1	235.6	231.7	227.4	221.9	215.7	209.2	202.5	196.6	190.9	184.8
-52.5°	226.3	223.5	220.0	215.8	210.8	205.0	199.0	192.8	187.0	181.4	175.1
-55°	215.1	212.3	208.7	204.5	199.7	194.8	189.3	183.0	176.9	171.4	164.3
-57.5°	203.7	201.1	197.0	193.2	189.7	184.4	178.5	172.6	166.8	160.8	153.1
-60°	189.2	186.9	183.5	180.0	176.5	172.0	166.1	160.8	156.4	147.8	138.8
-62.5°	172.4	170.5	167.5	164.0	160.2	156.2	151.6	145.9	139.2	131.6	124.2
-65°	153.5	150.7	148.1	145.6	142.8	139.6	134.7	128.9	122.7	116.2	109.4
-67.5°	134.5	132.0	129.9	127.9	125.3	122.0	117.2	111.9	106.2	99.7	93.7
-70°	116.7	114.8	112.8	110.5	107.6	104.4	100.2	95.1	89.3	83.7	79.5
-72.5°	99.7	98.2	96.3	93.9	91.1	87.7	83.5	79.0	74.7	70.6	66.7
-75°	82.8	81.6	79.8	77.0	73.7	69.9	66.4	63.6	60.6	57.4	54.1
-77.5°	65.2	64.1	62.6	59.9	57.2	54.4	51.7	49.5	47.3	44.9	42.5
-80°	47.1	46.3	45.3	43.6	41.9	40.2	38.5	36.8	35.0	33.2	31.3
-82.5°	31.6	30.9	30.1	29.3	28.4	27.5	26.4	25.0	23.5	21.8	20.0
-85°	18.6	18.3	17.8	17.4	16.9	16.3	15.7	14.8	13.9	13.0	12.2
-87.5°	7.5	7.4	7.3	7.1	6.9	6.7	6.6	6.3	6.1	5.9	5.7
-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: P626859 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA2B-735-U-NR-XX

CANDELA DISTRIBUTION (continued):

	47.5°	50°	52.5°	55°	57.5°	60°	62.5°	65°	67.5°	70°	72.5°
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
87.5°	5.4	5.1	4.9	4.6	4.3	4.0	3.7	3.4	3.1	2.7	2.4
85°	11.7	11.2	10.5	9.8	8.9	8.0	7.4	6.8	6.1	5.5	4.8
82.5°	19.0	18.3	17.6	16.7	15.4	14.0	12.6	11.2	9.8	8.3	7.2
80°	29.4	27.6	25.8	24.1	22.1	20.0	18.2	16.3	14.3	12.4	10.4
77.5°	39.9	37.3	34.6	32.0	29.5	26.9	24.2	21.5	18.9	16.4	14.0
75°	50.7	47.5	44.2	40.8	37.3	33.7	30.5	27.3	23.9	20.5	17.5
72.5°	62.7	58.5	54.2	49.8	45.7	41.5	37.2	33.0	29.1	25.2	21.2
70°	75.1	70.0	64.8	59.9	54.7	49.2	44.3	39.3	34.2	29.7	25.2
67.5°	88.1	82.9	76.8	70.3	64.4	58.2	51.6	45.7	40.0	34.2	29.1
65°	102.4	95.9	89.6	82.0	74.6	67.4	60.2	52.5	45.7	39.3	33.0
62.5°	116.4	108.5	100.9	93.2	85.1	76.8	68.7	60.0	51.6	44.3	37.2
60°	130.2	121.4	112.0	103.2	94.8	86.1	76.9	67.4	58.1	49.2	41.5
57.5°	143.4	134.2	123.5	113.2	103.7	94.6	84.8	74.4	64.3	54.6	45.7
55°	155.6	145.3	134.3	123.1	112.4	102.4	92.3	81.2	70.4	59.9	49.7
52.5°	166.9	156.2	144.4	132.4	120.8	109.9	99.2	87.8	76.2	65.0	54.0
50°	177.4	166.9	154.4	141.6	128.8	117.3	106.0	94.0	81.7	69.9	58.2
47.5°	186.4	176.5	164.4	150.6	136.9	124.6	112.7	100.2	87.0	74.5	62.3
45°	193.9	185.4	173.8	159.9	145.2	132.2	119.3	106.2	92.4	79.0	66.2
42.5°	200.8	192.9	182.4	169.0	153.8	139.6	125.8	112.0	97.6	83.2	69.9
40°	207.8	199.4	190.3	176.8	161.7	146.8	132.2	117.7	102.7	87.4	73.5
37.5°	214.3	205.7	196.5	184.2	168.9	153.5	138.5	123.2	107.5	91.6	76.8
35°	221.0	211.3	201.8	189.9	175.2	159.6	144.4	128.5	111.9	95.5	80.0
32.5°	227.4	216.5	206.2	194.6	180.9	165.1	149.7	133.1	116.1	99.2	83.0
30°	233.2	221.4	210.5	199.2	185.7	169.9	154.1	137.3	120.0	102.5	85.8
27.5°	237.9	225.4	214.6	203.1	189.6	174.2	158.0	141.1	123.6	105.5	88.5
25°	242.5	229.2	217.8	206.6	193.3	178.6	161.6	144.4	126.7	108.4	90.9
22.5°	247.6	232.6	220.4	210.0	197.0	182.8	165.1	147.3	129.4	111.0	93.0
20°	252.2	235.6	222.4	212.7	200.0	185.9	168.4	149.9	131.8	113.3	94.9
17.5°	256.2	238.8	224.9	214.2	202.3	188.6	171.4	152.2	133.8	115.3	96.5
15°	260.3	242.2	227.1	215.5	204.2	190.9	174.2	154.2	135.4	117.0	97.9
12.5°	264.1	244.9	228.9	216.5	205.6	192.7	176.6	155.9	136.6	118.4	99.2
10°	267.2	247.1	230.2	217.2	206.6	194.1	178.7	157.5	137.9	119.5	100.3
7.5°	269.6	248.5	231.1	217.6	207.3	195.2	180.5	159.3	139.1	120.2	101.2
5°	271.3	249.7	232.4	218.9	208.1	196.1	181.7	160.8	139.9	120.6	101.9
2.5°	272.7	250.7	233.9	220.0	208.6	196.6	182.5	161.9	140.4	120.7	102.3
0°	273.1	251.0	234.9	220.9	208.8	196.8	182.7	162.6	140.6	120.5	102.4
-2.5°	272.7	250.7	233.9	220.0	208.6	196.6	182.5	161.9	140.4	120.7	102.3
-5°	271.3	249.7	232.4	218.9	208.1	196.1	181.7	160.8	139.9	120.6	101.9
-7.5°	269.6	248.5	231.1	217.6	207.3	195.2	180.5	159.3	139.1	120.2	101.2
-10°	267.2	247.1	230.2	217.2	206.6	194.1	178.7	157.5	137.9	119.5	100.3
-12.5°	264.1	244.9	228.9	216.5	205.6	192.7	176.6	155.9	136.6	118.4	99.2
-15°	260.3	242.2	227.1	215.5	204.2	190.9	174.2	154.2	135.4	117.0	97.9
-17.5°	256.2	238.8	224.9	214.2	202.3	188.6	171.4	152.2	133.8	115.3	96.5
-20°	252.2	235.6	222.4	212.7	200.0	185.9	168.4	149.9	131.8	113.3	94.9

Classified

Cooper Lighting Solutions Photometric Lab
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Scaled Data Report



REPORT NUMBER: P626859 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA2B-735-U-NR-XX

CANDELA DISTRIBUTION (continued):

	47.5°	50°	52.5°	55°	57.5°	60°	62.5°	65°	67.5°	70°	72.5°
-22.5°	247.6	232.6	220.4	210.0	197.0	182.8	165.1	147.3	129.4	111.0	93.0
-25°	242.5	229.2	217.8	206.6	193.3	178.6	161.6	144.4	126.7	108.4	90.9
-27.5°	237.9	225.4	214.6	203.1	189.6	174.2	158.0	141.1	123.6	105.5	88.5
-30°	233.2	221.4	210.5	199.2	185.7	169.9	154.1	137.3	120.0	102.5	85.8
-32.5°	227.4	216.5	206.2	194.6	180.9	165.1	149.7	133.1	116.1	99.2	83.0
-35°	221.0	211.3	201.8	189.9	175.2	159.6	144.4	128.5	111.9	95.5	80.0
-37.5°	214.3	205.7	196.5	184.2	168.9	153.5	138.5	123.2	107.5	91.6	76.8
-40°	207.8	199.4	190.3	176.8	161.7	146.8	132.2	117.7	102.7	87.4	73.5
-42.5°	200.8	192.9	182.4	169.0	153.8	139.6	125.8	112.0	97.6	83.2	69.9
-45°	193.9	185.4	173.8	159.9	145.2	132.2	119.3	106.2	92.4	79.0	66.2
-47.5°	186.4	176.5	164.4	150.6	136.9	124.6	112.7	100.2	87.0	74.5	62.3
-50°	177.4	166.9	154.4	141.6	128.8	117.3	106.0	94.0	81.7	69.9	58.2
-52.5°	166.9	156.2	144.4	132.4	120.8	109.9	99.2	87.8	76.2	65.0	54.0
-55°	155.6	145.3	134.3	123.1	112.4	102.4	92.3	81.2	70.4	59.9	49.7
-57.5°	143.4	134.2	123.5	113.2	103.7	94.6	84.8	74.4	64.3	54.6	45.7
-60°	130.2	121.4	112.0	103.2	94.8	86.1	76.9	67.4	58.1	49.2	41.5
-62.5°	116.4	108.5	100.9	93.2	85.1	76.8	68.7	60.0	51.6	44.3	37.2
-65°	102.4	95.9	89.6	82.0	74.6	67.4	60.2	52.5	45.7	39.3	33.0
-67.5°	88.1	82.9	76.8	70.3	64.4	58.2	51.6	45.7	40.0	34.2	29.1
-70°	75.1	70.0	64.8	59.9	54.7	49.2	44.3	39.3	34.2	29.7	25.2
-72.5°	62.7	58.5	54.2	49.8	45.7	41.5	37.2	33.0	29.1	25.2	21.2
-75°	50.7	47.5	44.2	40.8	37.3	33.7	30.5	27.3	23.9	20.5	17.5
-77.5°	39.9	37.3	34.6	32.0	29.5	26.9	24.2	21.5	18.9	16.4	14.0
-80°	29.4	27.6	25.8	24.1	22.1	20.0	18.2	16.3	14.3	12.4	10.4
-82.5°	19.0	18.3	17.6	16.7	15.4	14.0	12.6	11.2	9.8	8.3	7.2
-85°	11.7	11.2	10.5	9.8	8.9	8.0	7.4	6.8	6.1	5.5	4.8
-87.5°	5.4	5.1	4.9	4.6	4.3	4.0	3.7	3.4	3.1	2.7	2.4
-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: P626859 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA2B-735-U-NR-XX

CANDELA DISTRIBUTION (continued):

	75°	77.5°	80°	82.5°	85°	87.5°	90°
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0
87.5°	2.1	1.7	1.4	1.0	0.7	0.3	0.0
85°	4.1	3.5	2.8	2.1	1.4	0.6	0.0
82.5°	6.2	5.2	4.2	3.1	2.1	0.9	0.0
80°	8.4	6.9	5.5	4.2	2.8	1.2	0.0
77.5°	11.4	8.9	6.9	5.2	3.4	1.5	0.0
75°	14.4	11.3	8.3	6.2	4.1	1.8	0.0
72.5°	17.4	13.7	10.2	7.2	4.8	2.1	0.0
70°	20.4	16.0	12.0	8.2	5.4	2.4	0.0
67.5°	23.7	18.3	13.7	9.5	6.0	2.6	0.0
65°	27.0	20.8	15.5	10.8	6.6	2.9	0.0
62.5°	30.2	23.4	17.1	12.0	7.2	3.2	0.0
60°	33.4	26.1	18.8	13.2	7.7	3.4	0.0
57.5°	36.8	28.6	20.8	14.3	8.5	3.7	0.0
55°	40.3	31.1	22.8	15.4	9.2	3.9	0.0
52.5°	43.6	33.6	24.7	16.5	9.9	4.1	0.0
50°	46.8	36.2	26.5	17.5	10.5	4.3	0.0
47.5°	49.9	38.8	28.3	18.5	11.2	4.6	0.0
45°	53.3	41.3	30.0	19.8	11.8	4.7	0.0
42.5°	56.5	43.6	31.6	21.0	12.4	4.9	0.0
40°	59.5	45.9	33.3	22.2	13.0	5.1	0.0
37.5°	62.4	48.0	35.0	23.4	13.6	5.2	0.0
35°	65.2	50.2	36.6	24.5	14.1	5.4	0.0
32.5°	67.7	52.3	38.1	25.5	14.6	5.5	0.0
30°	70.1	54.3	39.5	26.4	15.1	5.6	0.0
27.5°	72.3	56.1	40.9	27.3	15.6	5.7	0.0
25°	74.3	57.8	42.1	28.1	16.0	5.8	0.0
22.5°	76.1	59.3	43.3	28.9	16.4	5.9	0.0
20°	77.7	60.6	44.3	29.6	16.7	6.0	0.0
17.5°	79.0	61.7	45.2	30.1	17.0	6.0	0.0
15°	80.1	62.6	46.0	30.7	17.3	6.0	0.0
12.5°	81.0	63.3	46.7	31.1	17.5	6.1	0.0
10°	81.7	63.9	47.2	31.5	17.7	6.1	0.0
7.5°	82.2	64.2	47.6	31.7	17.9	6.1	0.0
5°	82.4	64.4	48.0	31.9	18.0	6.1	0.0
2.5°	82.5	64.4	48.1	32.1	18.1	6.0	0.0
0°	82.3	64.3	48.2	32.1	18.1	6.0	0.0
-2.5°	82.5	64.4	48.1	32.1	18.1	6.0	0.0
-5°	82.4	64.4	48.0	31.9	18.0	6.1	0.0
-7.5°	82.2	64.2	47.6	31.7	17.9	6.1	0.0
-10°	81.7	63.9	47.2	31.5	17.7	6.1	0.0
-12.5°	81.0	63.3	46.7	31.1	17.5	6.1	0.0
-15°	80.1	62.6	46.0	30.7	17.3	6.0	0.0
-17.5°	79.0	61.7	45.2	30.1	17.0	6.0	0.0
-20°	77.7	60.6	44.3	29.6	16.7	6.0	0.0

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CANDELA DISTRIBUTION (continued):

	75°	77.5°	80°	82.5°	85°	87.5°	90°
-22.5°	76.1	59.3	43.3	28.9	16.4	5.9	0.0
-25°	74.3	57.8	42.1	28.1	16.0	5.8	0.0
-27.5°	72.3	56.1	40.9	27.3	15.6	5.7	0.0
-30°	70.1	54.3	39.5	26.4	15.1	5.6	0.0
-32.5°	67.7	52.3	38.1	25.5	14.6	5.5	0.0
-35°	65.2	50.2	36.6	24.5	14.1	5.4	0.0
-37.5°	62.4	48.0	35.0	23.4	13.6	5.2	0.0
-40°	59.5	45.9	33.3	22.2	13.0	5.1	0.0
-42.5°	56.5	43.6	31.6	21.0	12.4	4.9	0.0
-45°	53.3	41.3	30.0	19.8	11.8	4.7	0.0
-47.5°	49.9	38.8	28.3	18.5	11.2	4.6	0.0
-50°	46.8	36.2	26.5	17.5	10.5	4.3	0.0
-52.5°	43.6	33.6	24.7	16.5	9.9	4.1	0.0
-55°	40.3	31.1	22.8	15.4	9.2	3.9	0.0
-57.5°	36.8	28.6	20.8	14.3	8.5	3.7	0.0
-60°	33.4	26.1	18.8	13.2	7.7	3.4	0.0
-62.5°	30.2	23.4	17.1	12.0	7.2	3.2	0.0
-65°	27.0	20.8	15.5	10.8	6.6	2.9	0.0
-67.5°	23.7	18.3	13.7	9.5	6.0	2.6	0.0
-70°	20.4	16.0	12.0	8.2	5.4	2.4	0.0
-72.5°	17.4	13.7	10.2	7.2	4.8	2.1	0.0
-75°	14.4	11.3	8.3	6.2	4.1	1.8	0.0
-77.5°	11.4	8.9	6.9	5.2	3.4	1.5	0.0
-80°	8.4	6.9	5.5	4.2	2.8	1.2	0.0
-82.5°	6.2	5.2	4.2	3.1	2.1	0.9	0.0
-85°	4.1	3.5	2.8	2.1	1.4	0.6	0.0
-87.5°	2.1	1.7	1.4	1.0	0.7	0.3	0.0
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0

(END OF REPORT)