

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: P627089 (CONVERTED FROM TYPE C PHOTOMETRY)

Luminaire Tested: **GFLD-SA3B-730-U-NR-XX**

Issue Date: 12/7/2022

Test Information

Test Method: LM-79-08
Report Number: P627089 (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-SA3B-730-U-NR-XX
Description: GALLEON FLOOD, THREE LIGHT SQAURE, NARROW SYMMETRICAL ROUND N65
Light Source: (48) 3000K CCT, 70 CRI LEDS
Ballast/Driver: -

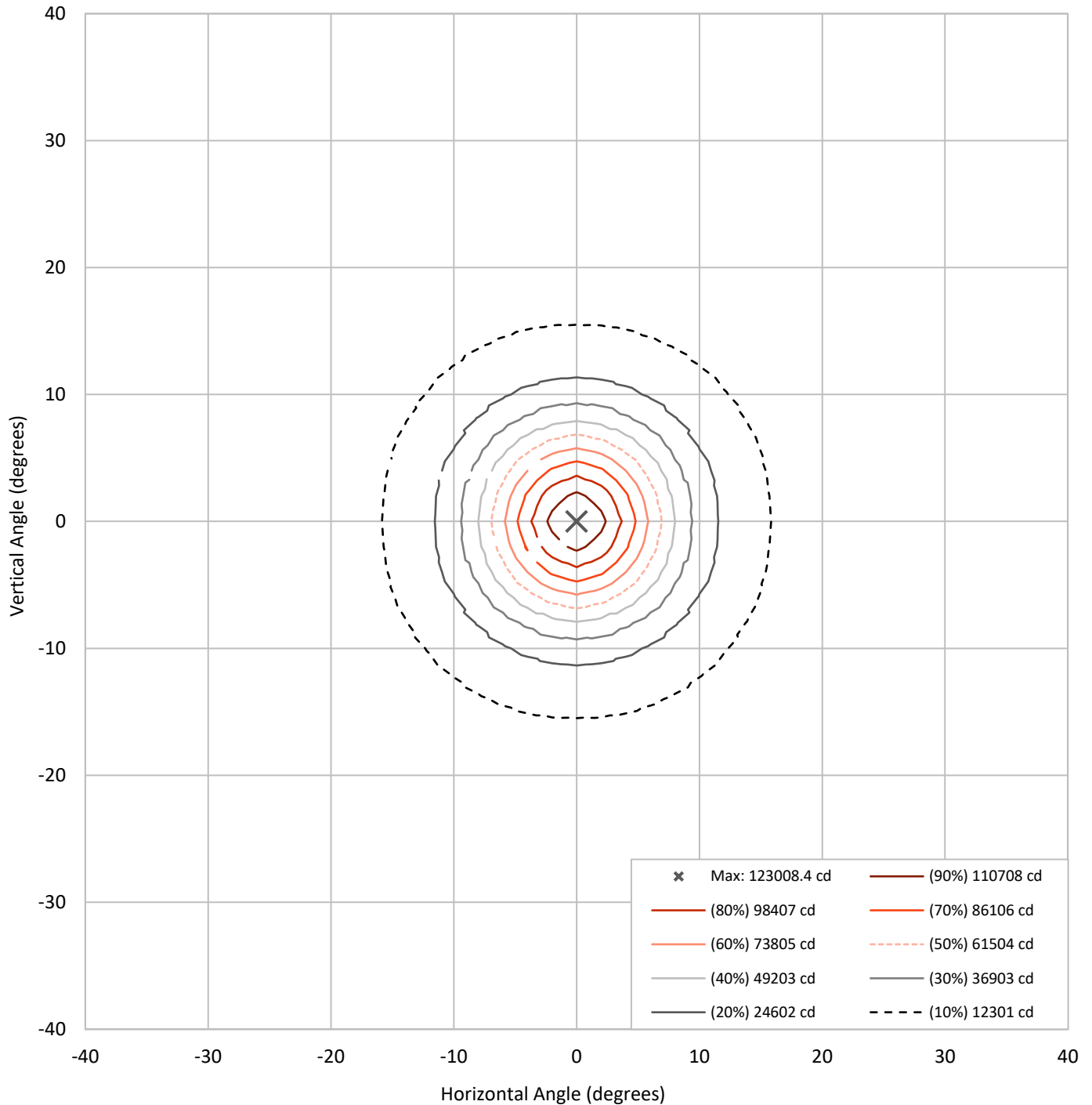
Summary

Lumens per Lamp:	N/A	NEMA Type:	3H x 3V
Luminaire Lumens:	13061.7 lumens	Max Intensity:	123008.4 candela
Efficiency:	N/A	Max Intensity Angle:	0°H x 0°V
Efficacy:	139.4 lumens/watt		
Luminous Opening:	Rectangular (W 1.5' 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:	3861.8 lumens	Field Lumens:	8690.5 lumens
Beam Efficiency:	29.6%	Field Efficiency:	66.5%
Input Watts (W):	93.7		
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





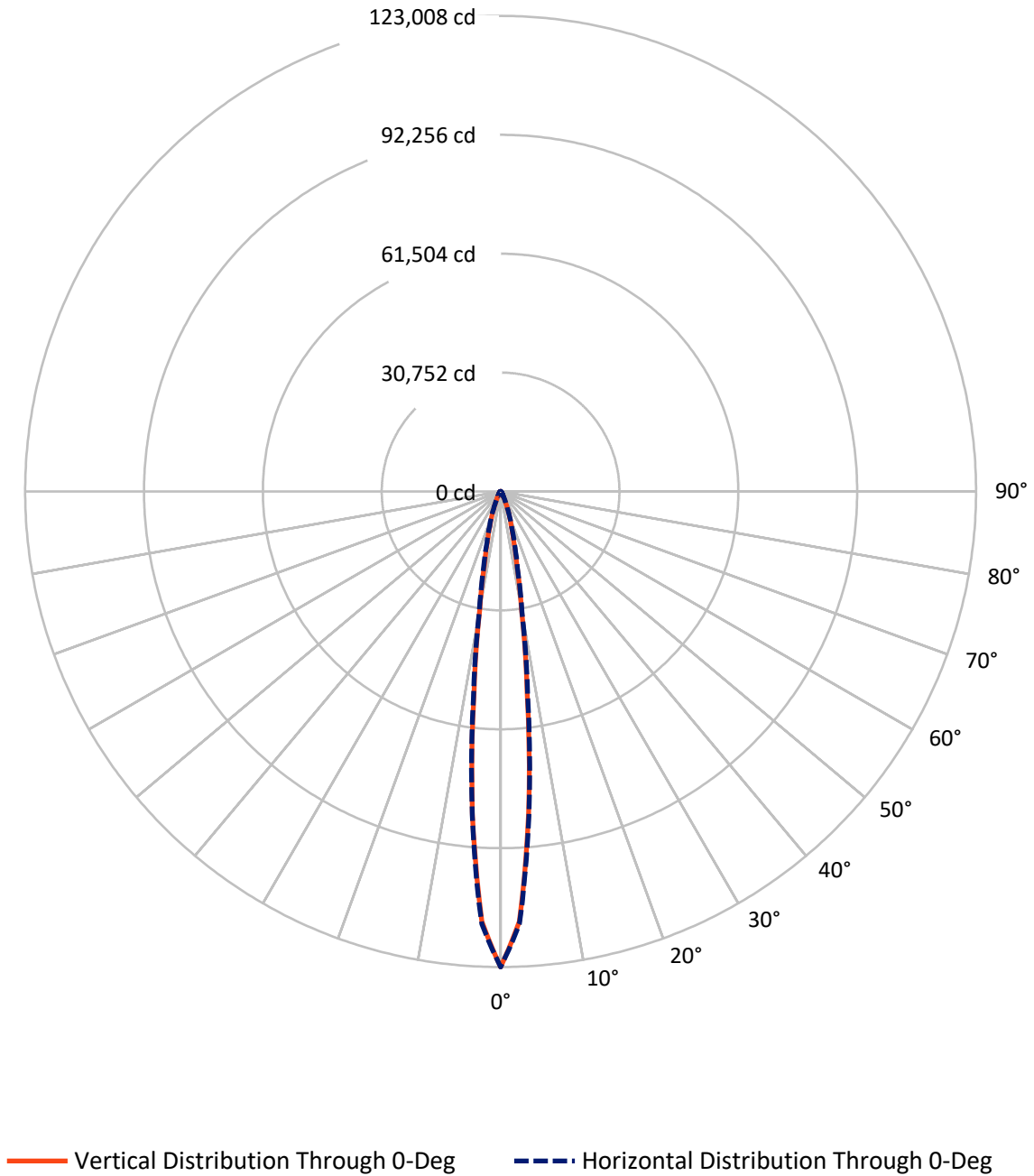
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Lumen Table

90	0.2	1.8	4.7	7.6	8.3	7.6	4.7	1.8	0.2							
80	0.2	1.8	4.7	7.6	8.3	7.6	4.7	1.8	0.2							
70	0.8	0.9	1.9	3.1	4.4	5.4	6.0	6.3	6.3	6.0	5.4	4.4	3.1	1.9	0.9	0.8
60		1.4	2.8	4.6	6.2	7.5	8.4	8.8	8.8	8.4	7.5	6.2	4.6	2.8	1.4	
50	1.4	1.8	3.7	5.7	7.5	9.5	11.2	12.1	12.1	11.2	9.5	7.5	5.7	3.7	1.8	1.4
40		2.2	4.3	6.5	9.3	13.4	18.8	23.3	23.3	18.8	13.4	9.3	6.5	4.3	2.2	
30	1.8	2.5	4.7	7.4	12.0	23.9	54.3	90.0	90.0	54.3	23.9	12.0	7.4	4.7	2.5	1.8
20		2.6	5.0	8.1	16.0	50.7	179.9	387.6	387.6	179.9	50.7	16.0	8.1	5.0	2.6	
10	2.0	2.7	5.1	8.6	19.3	83.5	391.2	1689.8	1689.8	391.2	83.5	19.3	8.6	5.1	2.7	2.0
0		2.7	5.1	8.6	19.3	83.5	391.2	1689.8	1689.8	391.2	83.5	19.3	8.6	5.1	2.7	
-10	1.8	2.6	5.0	8.1	16.0	50.7	179.9	387.6	387.6	179.9	50.7	16.0	8.1	5.0	2.6	1.8
-20		2.5	4.7	7.4	12.0	23.9	54.3	90.0	90.0	54.3	23.9	12.0	7.4	4.7	2.5	
-30	1.4	2.2	4.3	6.5	9.3	13.4	18.8	23.3	23.3	18.8	13.4	9.3	6.5	4.3	2.2	1.4
-40		1.8	3.7	5.7	7.5	9.5	11.2	12.1	12.1	11.2	9.5	7.5	5.7	3.7	1.8	
-50	0.8	1.4	2.8	4.6	6.2	7.5	8.4	8.8	8.8	8.4	7.5	6.2	4.6	2.8	1.4	0.8
-60		0.9	1.9	3.1	4.4	5.4	6.0	6.3	6.3	6.0	5.4	4.4	3.1	1.9	0.9	
-70	0.2	1.8	4.7	7.6	8.3	7.6	4.7	1.8	0.2							
-80		0.2	1.8	4.7	7.6	8.3	7.6	4.7	1.8	0.2						
-90	0.2	1.8	4.7	7.6	8.3	7.6	4.7	1.8	0.2							

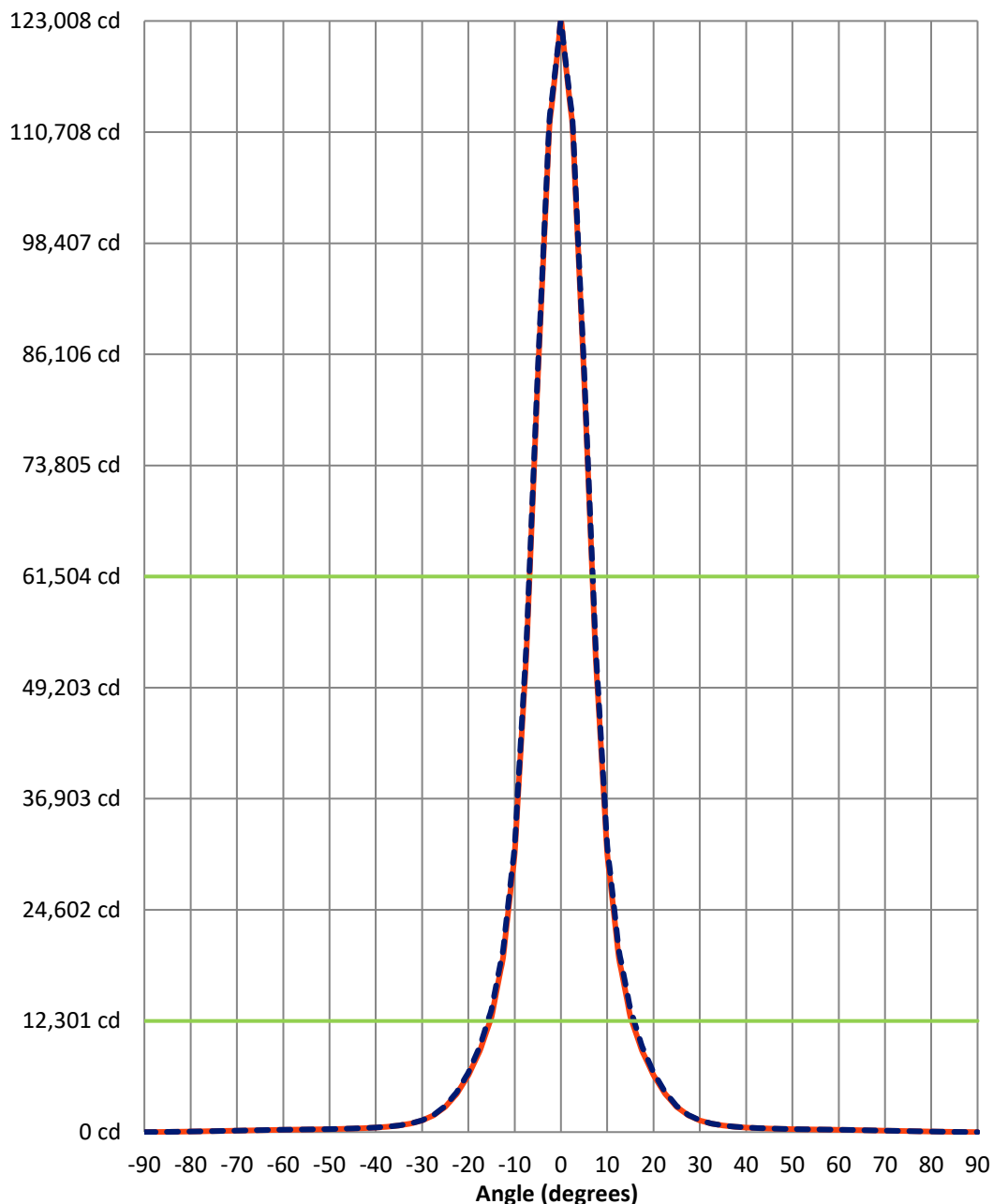
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Luminous Intensity Polar Plot



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Luminous Intensity Plot



Beam:
 H Angle: 13.7°
 V Angle: 13.6°
 Lumens: 3861.8
 Efficiency: 29.6%

Field:
 H Angle: 31.6°
 V Angle: 30.6°
 Lumens: 8690.5
 Efficiency: 66.5%

Spill:
 Lumens: 4371.1
 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	0.4	0.9	1.4	1.8	2.3	2.7	3.2	3.6	4.0	4.4
85°	0.0	0.8	1.8	2.7	3.6	4.5	5.4	6.3	7.2	8.0	8.9
82.5°	0.0	1.2	2.7	4.1	5.5	6.8	8.1	9.4	10.9	12.8	14.7
80°	0.0	1.6	3.6	5.5	7.3	9.0	11.0	13.6	16.3	18.8	21.4
77.5°	0.0	2.0	4.5	6.8	9.0	11.6	15.0	18.3	21.6	24.8	28.2
75°	0.0	2.4	5.4	8.1	10.9	14.8	19.0	23.0	27.0	31.4	35.8
72.5°	0.0	2.7	6.2	9.4	13.3	17.9	22.8	27.8	33.0	38.2	43.3
70°	0.0	3.1	7.1	10.8	15.7	21.0	26.7	33.0	39.0	45.0	51.6
67.5°	0.0	3.5	7.9	12.5	18.0	24.0	31.1	38.2	45.0	52.6	60.1
65°	0.0	3.8	8.7	14.1	20.3	27.2	35.5	43.3	51.6	60.1	68.9
62.5°	0.0	4.2	9.4	15.7	22.5	30.8	39.7	48.9	58.2	67.7	78.8
60°	0.0	4.5	10.1	17.3	24.6	34.2	43.8	54.5	64.6	76.2	88.3
57.5°	0.0	4.8	11.1	18.8	27.2	37.6	48.4	59.9	71.6	84.4	97.6
55°	0.0	5.1	12.0	20.2	29.9	40.9	52.9	65.2	78.6	92.3	106.6
52.5°	0.0	5.4	12.9	21.6	32.4	44.1	57.2	70.8	85.3	100.0	115.2
50°	0.0	5.7	13.8	22.9	34.8	47.6	61.4	76.4	91.7	107.3	123.4
47.5°	0.0	6.0	14.7	24.3	37.2	51.0	65.6	81.7	97.8	114.2	131.5
45°	0.0	6.2	15.5	26.0	39.4	54.2	70.0	86.8	103.6	121.3	139.4
42.5°	0.0	6.5	16.3	27.6	41.6	57.3	74.2	91.8	109.3	128.2	147.1
40°	0.0	6.7	17.1	29.2	43.8	60.3	78.2	96.4	114.8	134.9	154.5
37.5°	0.0	6.9	17.8	30.7	46.0	63.0	81.9	100.9	120.3	141.1	161.7
35°	0.0	7.1	18.5	32.1	48.1	65.9	85.5	105.1	125.4	146.9	168.7
32.5°	0.0	7.3	19.2	33.5	50.1	68.7	88.9	109.0	130.2	152.4	174.7
30°	0.0	7.4	19.8	34.7	51.9	71.3	92.0	112.7	134.5	157.5	180.2
27.5°	0.0	7.5	20.4	35.9	53.7	73.7	94.9	116.2	138.5	162.2	185.2
25°	0.0	7.7	20.9	37.0	55.3	75.8	97.5	119.3	142.3	166.3	189.6
22.5°	0.0	7.8	21.4	38.0	56.8	77.8	99.9	122.1	145.7	169.9	193.4
20°	0.0	7.8	21.9	38.8	58.2	79.5	102.0	124.6	148.7	172.9	196.8
17.5°	0.0	7.9	22.3	39.6	59.4	80.9	103.8	126.7	151.3	175.5	199.8
15°	0.0	8.0	22.7	40.3	60.4	82.1	105.2	128.5	153.5	177.6	202.4
12.5°	0.0	8.0	23.0	40.9	61.3	83.1	106.4	130.2	155.4	179.3	204.6
10°	0.0	8.0	23.2	41.4	62.0	83.8	107.3	131.7	156.8	181.0	206.7
7.5°	0.0	8.0	23.4	41.7	62.6	84.2	107.9	132.9	157.8	182.5	209.1
5°	0.0	8.0	23.6	42.0	63.0	84.5	108.2	133.7	158.3	183.6	211.1
2.5°	0.0	7.9	23.7	42.1	63.2	84.5	108.3	134.2	158.4	184.3	212.6
0°	0.0	7.9	23.7	42.2	63.3	84.3	108.1	134.4	158.1	184.5	213.5
-2.5°	0.0	7.9	23.7	42.1	63.2	84.5	108.3	134.2	158.4	184.3	212.6
-5°	0.0	8.0	23.6	42.0	63.0	84.5	108.2	133.7	158.3	183.6	211.1
-7.5°	0.0	8.0	23.4	41.7	62.6	84.2	107.9	132.9	157.8	182.5	209.1
-10°	0.0	8.0	23.2	41.4	62.0	83.8	107.3	131.7	156.8	181.0	206.7
-12.5°	0.0	8.0	23.0	40.9	61.3	83.1	106.4	130.2	155.4	179.3	204.6
-15°	0.0	8.0	22.7	40.3	60.4	82.1	105.2	128.5	153.5	177.6	202.4
-17.5°	0.0	7.9	22.3	39.6	59.4	80.9	103.8	126.7	151.3	175.5	199.8
-20°	0.0	7.8	21.9	38.8	58.2	79.5	102.0	124.6	148.7	172.9	196.8

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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	7.8	21.4	38.0	56.8	77.8	99.9	122.1	145.7	169.9	193.4
-25°	0.0	7.7	20.9	37.0	55.3	75.8	97.5	119.3	142.3	166.3	189.6
-27.5°	0.0	7.5	20.4	35.9	53.7	73.7	94.9	116.2	138.5	162.2	185.2
-30°	0.0	7.4	19.8	34.7	51.9	71.3	92.0	112.7	134.5	157.5	180.2
-32.5°	0.0	7.3	19.2	33.5	50.1	68.7	88.9	109.0	130.2	152.4	174.7
-35°	0.0	7.1	18.5	32.1	48.1	65.9	85.5	105.1	125.4	146.9	168.7
-37.5°	0.0	6.9	17.8	30.7	46.0	63.0	81.9	100.9	120.3	141.1	161.7
-40°	0.0	6.7	17.1	29.2	43.8	60.3	78.2	96.4	114.8	134.9	154.5
-42.5°	0.0	6.5	16.3	27.6	41.6	57.3	74.2	91.8	109.3	128.2	147.1
-45°	0.0	6.2	15.5	26.0	39.4	54.2	70.0	86.8	103.6	121.3	139.4
-47.5°	0.0	6.0	14.7	24.3	37.2	51.0	65.6	81.7	97.8	114.2	131.5
-50°	0.0	5.7	13.8	22.9	34.8	47.6	61.4	76.4	91.7	107.3	123.4
-52.5°	0.0	5.4	12.9	21.6	32.4	44.1	57.2	70.8	85.3	100.0	115.2
-55°	0.0	5.1	12.0	20.2	29.9	40.9	52.9	65.2	78.6	92.3	106.6
-57.5°	0.0	4.8	11.1	18.8	27.2	37.6	48.4	59.9	71.6	84.4	97.6
-60°	0.0	4.5	10.1	17.3	24.6	34.2	43.8	54.5	64.6	76.2	88.3
-62.5°	0.0	4.2	9.4	15.7	22.5	30.8	39.7	48.9	58.2	67.7	78.8
-65°	0.0	3.8	8.7	14.1	20.3	27.2	35.5	43.3	51.6	60.1	68.9
-67.5°	0.0	3.5	7.9	12.5	18.0	24.0	31.1	38.2	45.0	52.6	60.1
-70°	0.0	3.1	7.1	10.8	15.7	21.0	26.7	33.0	39.0	45.0	51.6
-72.5°	0.0	2.7	6.2	9.4	13.3	17.9	22.8	27.8	33.0	38.2	43.3
-75°	0.0	2.4	5.4	8.1	10.9	14.8	19.0	23.0	27.0	31.4	35.8
-77.5°	0.0	2.0	4.5	6.8	9.0	11.6	15.0	18.3	21.6	24.8	28.2
-80°	0.0	1.6	3.6	5.5	7.3	9.0	11.0	13.6	16.3	18.8	21.4
-82.5°	0.0	1.2	2.7	4.1	5.5	6.8	8.1	9.4	10.9	12.8	14.7
-85°	0.0	0.8	1.8	2.7	3.6	4.5	5.4	6.3	7.2	8.0	8.9
-87.5°	0.0	0.4	0.9	1.4	1.8	2.3	2.7	3.2	3.6	4.0	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



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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°	4.8	5.2	5.6	6.0	6.4	6.7	7.1	7.4	7.7	8.0	8.3
85°	9.7	10.5	11.7	12.8	13.8	14.6	15.4	16.0	17.1	18.2	19.4
82.5°	16.6	18.4	20.2	21.9	23.1	24.0	24.9	26.3	28.6	30.8	32.9
80°	23.8	26.3	29.0	31.7	33.9	36.2	38.6	41.0	43.6	46.0	48.3
77.5°	31.8	35.3	38.8	42.1	45.4	49.0	52.5	55.8	59.0	62.1	64.9
75°	40.1	44.3	49.0	53.6	58.0	62.3	66.6	71.1	75.4	79.5	83.4
72.5°	48.9	54.5	60.0	65.3	71.1	76.8	82.2	87.5	92.6	98.0	103.6
70°	58.2	64.6	71.7	78.6	85.0	91.8	98.5	104.3	109.9	117.3	124.9
67.5°	67.8	76.4	84.5	92.2	100.8	108.8	115.6	123.0	131.0	139.5	147.0
65°	79.0	88.4	97.8	107.6	117.5	125.8	134.5	143.6	152.6	161.1	169.2
62.5°	90.2	100.8	111.6	122.3	132.5	142.4	152.8	163.0	172.8	182.7	191.5
60°	100.9	113.0	124.4	135.5	147.1	159.4	170.9	182.2	194.0	205.3	211.1
57.5°	111.3	124.2	136.1	148.6	162.1	176.1	188.2	201.0	211.1	218.9	226.5
55°	121.1	134.4	147.5	161.5	176.3	190.8	204.3	215.7	225.0	232.1	240.2
52.5°	130.2	144.3	158.5	173.8	189.5	205.0	219.1	229.8	238.1	245.5	253.0
50°	139.2	154.0	169.0	185.8	202.6	219.1	232.9	242.6	250.5	258.0	265.8
47.5°	148.0	163.5	179.7	197.6	215.8	231.7	244.7	253.7	261.7	270.5	279.0
45°	156.6	173.4	190.6	209.8	228.1	243.4	254.5	263.4	273.3	282.9	292.0
42.5°	165.0	183.2	201.8	221.7	239.4	253.1	263.5	274.1	284.8	294.9	305.2
40°	173.6	192.6	212.3	232.1	249.9	261.8	272.8	284.2	295.9	306.9	318.3
37.5°	181.7	201.5	221.7	241.7	257.9	270.0	281.4	294.0	306.3	318.3	333.2
35°	189.5	209.5	229.9	249.3	264.9	277.3	290.1	303.3	316.3	331.9	348.8
32.5°	196.4	216.7	237.4	255.5	270.7	284.2	298.5	312.3	327.9	345.5	365.8
30°	202.3	223.0	243.8	261.5	276.3	290.5	306.1	321.4	339.6	360.7	384.9
27.5°	207.4	228.7	248.9	266.6	281.7	295.8	312.2	331.5	352.4	376.1	404.5
25°	212.2	234.4	253.7	271.3	286.0	300.7	318.3	339.6	364.7	393.3	428.0
22.5°	216.7	239.9	258.6	275.7	289.3	305.3	325.0	348.2	375.6	409.0	451.3
20°	221.0	244.0	262.5	279.2	291.8	309.3	331.0	355.8	386.8	426.7	475.6
17.5°	225.0	247.5	265.6	281.2	295.1	313.5	336.2	361.9	396.6	442.8	497.9
15°	228.6	250.5	268.0	282.9	298.0	317.9	341.7	369.5	407.4	458.1	517.7
12.5°	231.8	252.9	269.9	284.2	300.4	321.5	346.6	377.4	419.1	473.2	542.8
10°	234.6	254.7	271.2	285.1	302.2	324.3	350.6	383.9	428.3	484.8	562.1
7.5°	236.9	256.2	272.1	285.6	303.3	326.2	353.8	388.8	434.8	493.1	576.1
5°	238.5	257.4	273.2	287.2	305.1	327.7	356.1	392.1	438.6	498.1	584.8
2.5°	239.5	258.1	273.9	288.8	307.1	329.0	357.8	395.8	441.7	502.9	591.4
0°	239.8	258.3	274.1	289.9	308.4	329.4	358.4	398.0	442.8	506.0	595.6
-2.5°	239.5	258.1	273.9	288.8	307.1	329.0	357.8	395.8	441.7	502.9	591.4
-5°	238.5	257.4	273.2	287.2	305.1	327.7	356.1	392.1	438.6	498.1	584.8
-7.5°	236.9	256.2	272.1	285.6	303.3	326.2	353.8	388.8	434.8	493.1	576.1
-10°	234.6	254.7	271.2	285.1	302.2	324.3	350.6	383.9	428.3	484.8	562.1
-12.5°	231.8	252.9	269.9	284.2	300.4	321.5	346.6	377.4	419.1	473.2	542.8
-15°	228.6	250.5	268.0	282.9	298.0	317.9	341.7	369.5	407.4	458.1	517.7
-17.5°	225.0	247.5	265.6	281.2	295.1	313.5	336.2	361.9	396.6	442.8	497.9
-20°	221.0	244.0	262.5	279.2	291.8	309.3	331.0	355.8	386.8	426.7	475.6

Classified

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

Scaled Data Report



REPORT NUMBER: P627089 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA3B-730-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°	216.7	239.9	258.6	275.7	289.3	305.3	325.0	348.2	375.6	409.0	451.3
-25°	212.2	234.4	253.7	271.3	286.0	300.7	318.3	339.6	364.7	393.3	428.0
-27.5°	207.4	228.7	248.9	266.6	281.7	295.8	312.2	331.5	352.4	376.1	404.5
-30°	202.3	223.0	243.8	261.5	276.3	290.5	306.1	321.4	339.6	360.7	384.9
-32.5°	196.4	216.7	237.4	255.5	270.7	284.2	298.5	312.3	327.9	345.5	365.8
-35°	189.5	209.5	229.9	249.3	264.9	277.3	290.1	303.3	316.3	331.9	348.8
-37.5°	181.7	201.5	221.7	241.7	257.9	270.0	281.4	294.0	306.3	318.3	333.2
-40°	173.6	192.6	212.3	232.1	249.9	261.8	272.8	284.2	295.9	306.9	318.3
-42.5°	165.0	183.2	201.8	221.7	239.4	253.1	263.5	274.1	284.8	294.9	305.2
-45°	156.6	173.4	190.6	209.8	228.1	243.4	254.5	263.4	273.3	282.9	292.0
-47.5°	148.0	163.5	179.7	197.6	215.8	231.7	244.7	253.7	261.7	270.5	279.0
-50°	139.2	154.0	169.0	185.8	202.6	219.1	232.9	242.6	250.5	258.0	265.8
-52.5°	130.2	144.3	158.5	173.8	189.5	205.0	219.1	229.8	238.1	245.5	253.0
-55°	121.1	134.4	147.5	161.5	176.3	190.8	204.3	215.7	225.0	232.1	240.2
-57.5°	111.3	124.2	136.1	148.6	162.1	176.1	188.2	201.0	211.1	218.9	226.5
-60°	100.9	113.0	124.4	135.5	147.1	159.4	170.9	182.2	194.0	205.3	211.1
-62.5°	90.2	100.8	111.6	122.3	132.5	142.4	152.8	163.0	172.8	182.7	191.5
-65°	79.0	88.4	97.8	107.6	117.5	125.8	134.5	143.6	152.6	161.1	169.2
-67.5°	67.8	76.4	84.5	92.2	100.8	108.8	115.6	123.0	131.0	139.5	147.0
-70°	58.2	64.6	71.7	78.6	85.0	91.8	98.5	104.3	109.9	117.3	124.9
-72.5°	48.9	54.5	60.0	65.3	71.1	76.8	82.2	87.5	92.6	98.0	103.6
-75°	40.1	44.3	49.0	53.6	58.0	62.3	66.6	71.1	75.4	79.5	83.4
-77.5°	31.8	35.3	38.8	42.1	45.4	49.0	52.5	55.8	59.0	62.1	64.9
-80°	23.8	26.3	29.0	31.7	33.9	36.2	38.6	41.0	43.6	46.0	48.3
-82.5°	16.6	18.4	20.2	21.9	23.1	24.0	24.9	26.3	28.6	30.8	32.9
-85°	9.7	10.5	11.7	12.8	13.8	14.6	15.4	16.0	17.1	18.2	19.4
-87.5°	4.8	5.2	5.6	6.0	6.4	6.7	7.1	7.4	7.7	8.0	8.3
-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: P627089 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA3B-730-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°	8.6	8.9	9.1	9.3	9.5	9.7	9.9	10.0	10.1	9.6	9.1
85°	20.6	21.4	22.1	22.8	23.4	24.0	24.5	24.9	25.3	25.0	24.6
82.5°	34.7	36.1	37.4	38.5	39.6	40.6	41.5	42.2	42.9	42.9	42.7
80°	50.5	52.8	55.1	57.3	59.5	60.8	61.8	62.5	63.0	63.3	63.3
77.5°	67.9	71.4	75.0	78.6	82.1	84.2	85.6	86.8	87.7	88.0	87.8
75°	87.1	91.7	96.6	101.0	104.8	107.1	108.7	110.1	111.2	111.4	111.3
72.5°	109.5	115.1	119.6	123.2	126.4	128.9	130.9	132.6	134.1	134.6	134.7
70°	131.6	137.1	141.3	145.0	148.1	150.7	153.1	155.2	156.9	158.2	159.1
67.5°	153.9	160.1	164.5	167.8	170.5	173.2	176.5	179.2	181.6	183.2	183.9
65°	176.7	183.2	187.4	191.1	194.4	197.8	201.4	204.0	205.8	206.8	207.5
62.5°	198.9	205.0	210.3	215.2	219.9	223.8	226.3	228.4	230.3	231.9	233.1
60°	218.0	225.7	231.6	236.3	240.9	245.3	248.4	250.7	252.6	254.0	254.8
57.5°	234.3	242.1	249.0	253.6	258.6	263.9	267.4	269.4	271.3	272.9	273.6
55°	248.4	255.7	262.1	268.3	274.0	278.7	282.5	285.2	287.4	289.3	289.9
52.5°	261.2	269.1	276.7	283.3	288.8	293.4	297.0	300.4	303.0	304.7	305.5
50°	274.7	283.2	291.2	298.5	304.1	309.3	313.9	317.8	321.6	324.6	326.7
47.5°	287.9	296.9	305.8	313.8	320.6	328.1	334.7	340.4	345.9	350.3	353.4
45°	301.2	311.7	321.4	331.6	340.8	350.6	359.6	367.4	375.4	381.4	385.5
42.5°	316.0	327.9	339.6	352.4	364.9	377.6	391.2	403.5	412.9	421.7	428.9
40°	331.9	345.5	360.7	376.4	394.8	411.5	429.9	445.7	460.0	475.1	487.1
37.5°	348.8	365.8	385.8	406.8	430.6	453.5	477.5	501.1	521.7	546.1	564.6
35°	367.5	390.2	414.8	443.2	472.9	505.7	538.6	576.5	609.2	645.1	676.5
32.5°	389.6	416.7	449.0	486.5	524.6	574.4	620.9	681.3	733.6	790.6	848.1
30°	412.4	447.8	489.5	536.7	597.4	665.8	742.0	831.9	924.6	1014.3	1122.5
27.5°	440.6	483.3	533.9	602.8	692.1	784.5	915.7	1050.6	1221.0	1361.9	1560.6
25°	469.9	520.2	592.0	685.8	802.3	962.8	1161.8	1377.5	1677.2	1940.6	2249.5
22.5°	501.8	569.7	659.1	774.8	951.4	1197.8	1499.1	1905.2	2347.3	2816.8	3283.7
20°	535.0	617.1	734.3	902.1	1144.4	1478.1	1995.4	2622.2	3253.9	4028.5	4714.4
17.5°	573.5	678.0	822.4	1032.2	1355.6	1866.7	2584.3	3459.5	4439.5	5553.2	6542.0
15°	605.6	730.2	912.5	1206.0	1650.7	2307.1	3212.1	4416.0	5888.6	7384.4	8901.9
12.5°	642.8	787.0	1001.0	1350.9	1909.6	2781.9	4013.7	5537.5	7376.7	9451.4	11897.2
10°	675.9	842.7	1108.8	1541.9	2224.7	3277.1	4772.0	6605.3	8978.8	11963.8	15751.4
7.5°	700.3	887.1	1192.0	1687.3	2497.1	3753.2	5488.5	7774.5	10790.5	14732.2	19930.3
5°	716.2	919.2	1250.9	1799.5	2710.3	4107.5	6013.7	8603.9	12242.4	17817.3	26619.6
2.5°	725.8	938.2	1284.5	1865.2	2839.9	4342.2	6413.2	9230.9	13183.3	19723.9	30922.0
0°	730.0	943.5	1304.6	1900.2	2883.2	4432.9	6596.6	9516.7	13604.4	20169.3	31678.5
-2.5°	725.8	938.2	1284.5	1865.2	2839.9	4342.2	6413.2	9230.9	13183.3	19723.9	30922.0
-5°	716.2	919.2	1250.9	1799.5	2710.3	4107.5	6013.7	8603.9	12242.4	17817.3	26619.6
-7.5°	700.3	887.1	1192.0	1687.3	2497.1	3753.2	5488.5	7774.5	10790.5	14732.2	19930.3
-10°	675.9	842.7	1108.8	1541.9	2224.7	3277.1	4772.0	6605.3	8978.8	11963.8	15751.4
-12.5°	642.8	787.0	1001.0	1350.9	1909.6	2781.9	4013.7	5537.5	7376.7	9451.4	11897.2
-15°	605.6	730.2	912.5	1206.0	1650.7	2307.1	3212.1	4416.0	5888.6	7384.4	8901.9
-17.5°	573.5	678.0	822.4	1032.2	1355.6	1866.7	2584.3	3459.5	4439.5	5553.2	6542.0
-20°	535.0	617.1	734.3	902.1	1144.4	1478.1	1995.4	2622.2	3253.9	4028.5	4714.4

Classified

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1121 Highway 74 South
Peachtree City, GA 30269

Scaled Data Report



REPORT NUMBER: P627089 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA3B-730-U-NR-XX

CANDELA DISTRIBUTION (continued):

	-35°	-32.5°	-30°	-27.5°	-25°	-22.5°	-20°	-17.5°	-15°	-12.5°	-10°
-22.5°	501.8	569.7	659.1	774.8	951.4	1197.8	1499.1	1905.2	2347.3	2816.8	3283.7
-25°	469.9	520.2	592.0	685.8	802.3	962.8	1161.8	1377.5	1677.2	1940.6	2249.5
-27.5°	440.6	483.3	533.9	602.8	692.1	784.5	915.7	1050.6	1221.0	1361.9	1560.6
-30°	412.4	447.8	489.5	536.7	597.4	665.8	742.0	831.9	924.6	1014.3	1122.5
-32.5°	389.6	416.7	449.0	486.5	524.6	574.4	620.9	681.3	733.6	790.6	848.1
-35°	367.5	390.2	414.8	443.2	472.9	505.7	538.6	576.5	609.2	645.1	676.5
-37.5°	348.8	365.8	385.8	406.8	430.6	453.5	477.5	501.1	521.7	546.1	564.6
-40°	331.9	345.5	360.7	376.4	394.8	411.5	429.9	445.7	460.0	475.1	487.1
-42.5°	316.0	327.9	339.6	352.4	364.9	377.6	391.2	403.5	412.9	421.7	428.9
-45°	301.2	311.7	321.4	331.6	340.8	350.6	359.6	367.4	375.4	381.4	385.5
-47.5°	287.9	296.9	305.8	313.8	320.6	328.1	334.7	340.4	345.9	350.3	353.4
-50°	274.7	283.2	291.2	298.5	304.1	309.3	313.9	317.8	321.6	324.6	326.7
-52.5°	261.2	269.1	276.7	283.3	288.8	293.4	297.0	300.4	303.0	304.7	305.5
-55°	248.4	255.7	262.1	268.3	274.0	278.7	282.5	285.2	287.4	289.3	289.9
-57.5°	234.3	242.1	249.0	253.6	258.6	263.9	267.4	269.4	271.3	272.9	273.6
-60°	218.0	225.7	231.6	236.3	240.9	245.3	248.4	250.7	252.6	254.0	254.8
-62.5°	198.9	205.0	210.3	215.2	219.9	223.8	226.3	228.4	230.3	231.9	233.1
-65°	176.7	183.2	187.4	191.1	194.4	197.8	201.4	204.0	205.8	206.8	207.5
-67.5°	153.9	160.1	164.5	167.8	170.5	173.2	176.5	179.2	181.6	183.2	183.9
-70°	131.6	137.1	141.3	145.0	148.1	150.7	153.1	155.2	156.9	158.2	159.1
-72.5°	109.5	115.1	119.6	123.2	126.4	128.9	130.9	132.6	134.1	134.6	134.7
-75°	87.1	91.7	96.6	101.0	104.8	107.1	108.7	110.1	111.2	111.4	111.3
-77.5°	67.9	71.4	75.0	78.6	82.1	84.2	85.6	86.8	87.7	88.0	87.8
-80°	50.5	52.8	55.1	57.3	59.5	60.8	61.8	62.5	63.0	63.3	63.3
-82.5°	34.7	36.1	37.4	38.5	39.6	40.6	41.5	42.2	42.9	42.9	42.7
-85°	20.6	21.4	22.1	22.8	23.4	24.0	24.5	24.9	25.3	25.0	24.6
-87.5°	8.6	8.9	9.1	9.3	9.5	9.7	9.9	10.0	10.1	9.6	9.1
-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: P627089 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA3B-730-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°	8.5	7.9	7.9	7.9	7.9	7.9	8.5	9.1	9.6	10.1	10.0
85°	24.1	23.6	23.7	23.7	23.7	23.6	24.1	24.6	25.0	25.3	24.9
82.5°	42.4	42.0	42.1	42.2	42.1	42.0	42.4	42.7	42.9	42.9	42.2
80°	63.3	63.0	61.9	60.6	61.9	63.0	63.3	63.3	63.3	63.0	62.5
77.5°	87.3	86.6	85.6	84.3	85.6	86.6	87.3	87.8	88.0	87.7	86.8
75°	110.9	110.2	110.6	110.7	110.6	110.2	110.9	111.3	111.4	111.2	110.1
72.5°	134.5	133.9	134.2	134.4	134.2	133.9	134.5	134.7	134.6	134.1	132.6
70°	159.7	160.0	159.3	158.1	159.3	160.0	159.7	159.1	158.2	156.9	155.2
67.5°	184.2	183.9	183.0	181.8	183.0	183.9	184.2	183.9	183.2	181.6	179.2
65°	207.8	207.5	207.9	208.2	207.9	207.5	207.8	207.5	206.8	205.8	204.0
62.5°	233.7	233.7	233.1	231.9	233.1	233.7	233.7	233.1	231.9	230.3	228.4
60°	255.2	255.0	254.2	253.0	254.2	255.0	255.2	254.8	254.0	252.6	250.7
57.5°	273.8	273.6	272.8	271.5	272.8	273.6	273.8	273.6	272.9	271.3	269.4
55°	289.9	289.5	288.6	287.3	288.6	289.5	289.9	289.9	289.3	287.4	285.2
52.5°	305.7	305.3	305.4	305.7	305.4	305.3	305.7	305.5	304.7	303.0	300.4
50°	328.0	328.5	328.1	326.8	328.1	328.5	328.0	326.7	324.6	321.6	317.8
47.5°	354.9	355.1	354.4	353.2	354.4	355.1	354.9	353.4	350.3	345.9	340.4
45°	388.7	390.6	391.1	390.1	391.1	390.6	388.7	385.5	381.4	375.4	367.4
42.5°	434.4	437.4	438.3	437.5	438.3	437.4	434.4	428.9	421.7	412.9	403.5
40°	494.5	497.9	498.5	498.1	498.5	497.9	494.5	487.1	475.1	460.0	445.7
37.5°	577.6	586.0	589.9	590.3	589.9	586.0	577.6	564.6	546.1	521.7	501.1
35°	700.3	716.9	725.7	730.0	725.7	716.9	700.3	676.5	645.1	609.2	576.5
32.5°	891.6	924.7	943.1	940.9	943.1	924.7	891.6	848.1	790.6	733.6	681.3
30°	1204.1	1262.1	1291.2	1283.5	1291.2	1262.1	1204.1	1122.5	1014.3	924.6	831.9
27.5°	1703.3	1808.1	1868.7	1860.6	1868.7	1808.1	1703.3	1560.6	1361.9	1221.0	1050.6
25°	2507.8	2698.9	2821.3	2791.0	2821.3	2698.9	2507.8	2249.5	1940.6	1677.2	1377.5
22.5°	3731.4	4055.2	4269.6	4243.1	4269.6	4055.2	3731.4	3283.7	2816.8	2347.3	1905.2
20°	5409.9	5902.9	6254.8	6301.4	6254.8	5902.9	5409.9	4714.4	4028.5	3253.9	2622.2
17.5°	7610.2	8391.7	8935.7	9026.5	8935.7	8391.7	7610.2	6542.0	5553.2	4439.5	3459.5
15°	10469.7	11747.0	12671.5	12747.8	12671.5	11747.0	10469.7	8901.9	7384.4	5888.6	4416.0
12.5°	14352.4	16921.6	18598.3	19336.5	18598.3	16921.6	14352.4	11897.2	9451.4	7376.7	5537.5
10°	19726.1	25627.2	29406.4	30827.2	29406.4	25627.2	19726.1	15751.4	11963.8	8978.8	6605.3
7.5°	28701.5	37966.6	48266.9	52656.9	48266.9	37966.6	28701.5	19930.3	14732.2	10790.5	7774.5
5°	38865.6	58094.2	76384.1	83526.3	76384.1	58094.2	38865.6	26619.6	17817.3	12242.4	8603.9
2.5°	49560.8	76362.7	101478.2	111300.3	101478.2	76362.7	49560.8	30922.0	19723.9	13183.3	9230.9
0°	53737.5	84361.7	111994.8	123008.4	111994.8	84361.7	53737.5	31678.5	20169.3	13604.4	9516.7
-2.5°	49560.8	76362.7	101478.2	111300.3	101478.2	76362.7	49560.8	30922.0	19723.9	13183.3	9230.9
-5°	38865.6	58094.2	76384.1	83526.3	76384.1	58094.2	38865.6	26619.6	17817.3	12242.4	8603.9
-7.5°	28701.5	37966.6	48266.9	52656.9	48266.9	37966.6	28701.5	19930.3	14732.2	10790.5	7774.5
-10°	19726.1	25627.2	29406.4	30827.2	29406.4	25627.2	19726.1	15751.4	11963.8	8978.8	6605.3
-12.5°	14352.4	16921.6	18598.3	19336.5	18598.3	16921.6	14352.4	11897.2	9451.4	7376.7	5537.5
-15°	10469.7	11747.0	12671.5	12747.8	12671.5	11747.0	10469.7	8901.9	7384.4	5888.6	4416.0
-17.5°	7610.2	8391.7	8935.7	9026.5	8935.7	8391.7	7610.2	6542.0	5553.2	4439.5	3459.5
-20°	5409.9	5902.9	6254.8	6301.4	6254.8	5902.9	5409.9	4714.4	4028.5	3253.9	2622.2

Classified

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

Scaled Data Report



REPORT NUMBER: P627089 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA3B-730-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°	3731.4	4055.2	4269.6	4243.1	4269.6	4055.2	3731.4	3283.7	2816.8	2347.3	1905.2
-25°	2507.8	2698.9	2821.3	2791.0	2821.3	2698.9	2507.8	2249.5	1940.6	1677.2	1377.5
-27.5°	1703.3	1808.1	1868.7	1860.6	1868.7	1808.1	1703.3	1560.6	1361.9	1221.0	1050.6
-30°	1204.1	1262.1	1291.2	1283.5	1291.2	1262.1	1204.1	1122.5	1014.3	924.6	831.9
-32.5°	891.6	924.7	943.1	940.9	943.1	924.7	891.6	848.1	790.6	733.6	681.3
-35°	700.3	716.9	725.7	730.0	725.7	716.9	700.3	676.5	645.1	609.2	576.5
-37.5°	577.6	586.0	589.9	590.3	589.9	586.0	577.6	564.6	546.1	521.7	501.1
-40°	494.5	497.9	498.5	498.1	498.5	497.9	494.5	487.1	475.1	460.0	445.7
-42.5°	434.4	437.4	438.3	437.5	438.3	437.4	434.4	428.9	421.7	412.9	403.5
-45°	388.7	390.6	391.1	390.1	391.1	390.6	388.7	385.5	381.4	375.4	367.4
-47.5°	354.9	355.1	354.4	353.2	354.4	355.1	354.9	353.4	350.3	345.9	340.4
-50°	328.0	328.5	328.1	326.8	328.1	328.5	328.0	326.7	324.6	321.6	317.8
-52.5°	305.7	305.3	305.4	305.7	305.4	305.3	305.7	305.5	304.7	303.0	300.4
-55°	289.9	289.5	288.6	287.3	288.6	289.5	289.9	289.9	289.3	287.4	285.2
-57.5°	273.8	273.6	272.8	271.5	272.8	273.6	273.8	273.6	272.9	271.3	269.4
-60°	255.2	255.0	254.2	253.0	254.2	255.0	255.2	254.8	254.0	252.6	250.7
-62.5°	233.7	233.7	233.1	231.9	233.1	233.7	233.7	233.1	231.9	230.3	228.4
-65°	207.8	207.5	207.9	208.2	207.9	207.5	207.8	207.5	206.8	205.8	204.0
-67.5°	184.2	183.9	183.0	181.8	183.0	183.9	184.2	183.9	183.2	181.6	179.2
-70°	159.7	160.0	159.3	158.1	159.3	160.0	159.7	159.1	158.2	156.9	155.2
-72.5°	134.5	133.9	134.2	134.4	134.2	133.9	134.5	134.7	134.6	134.1	132.6
-75°	110.9	110.2	110.6	110.7	110.6	110.2	110.9	111.3	111.4	111.2	110.1
-77.5°	87.3	86.6	85.6	84.3	85.6	86.6	87.3	87.8	88.0	87.7	86.8
-80°	63.3	63.0	61.9	60.6	61.9	63.0	63.3	63.3	63.3	63.0	62.5
-82.5°	42.4	42.0	42.1	42.2	42.1	42.0	42.4	42.7	42.9	42.9	42.2
-85°	24.1	23.6	23.7	23.7	23.7	23.6	24.1	24.6	25.0	25.3	24.9
-87.5°	8.5	7.9	7.9	7.9	7.9	7.9	8.5	9.1	9.6	10.1	10.0
-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: P627089 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA3B-730-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°	9.9	9.7	9.5	9.3	9.1	8.9	8.6	8.3	8.0	7.7	7.4
85°	24.5	24.0	23.4	22.8	22.1	21.4	20.6	19.4	18.2	17.1	16.0
82.5°	41.5	40.6	39.6	38.5	37.4	36.1	34.7	32.9	30.8	28.6	26.3
80°	61.8	60.8	59.5	57.3	55.1	52.8	50.5	48.3	46.0	43.6	41.0
77.5°	85.6	84.2	82.1	78.6	75.0	71.4	67.9	64.9	62.1	59.0	55.8
75°	108.7	107.1	104.8	101.0	96.6	91.7	87.1	83.4	79.5	75.4	71.1
72.5°	130.9	128.9	126.4	123.2	119.6	115.1	109.5	103.6	98.0	92.6	87.5
70°	153.1	150.7	148.1	145.0	141.3	137.1	131.6	124.9	117.3	109.9	104.3
67.5°	176.5	173.2	170.5	167.8	164.5	160.1	153.9	147.0	139.5	131.0	123.0
65°	201.4	197.8	194.4	191.1	187.4	183.2	176.7	169.2	161.1	152.6	143.6
62.5°	226.3	223.8	219.9	215.2	210.3	205.0	198.9	191.5	182.7	172.8	163.0
60°	248.4	245.3	240.9	236.3	231.6	225.7	218.0	211.1	205.3	194.0	182.2
57.5°	267.4	263.9	258.6	253.6	249.0	242.1	234.3	226.5	218.9	211.1	201.0
55°	282.5	278.7	274.0	268.3	262.1	255.7	248.4	240.2	232.1	225.0	215.7
52.5°	297.0	293.4	288.8	283.3	276.7	269.1	261.2	253.0	245.5	238.1	229.8
50°	313.9	309.3	304.1	298.5	291.2	283.2	274.7	265.8	258.0	250.5	242.6
47.5°	334.7	328.1	320.6	313.8	305.8	296.9	287.9	279.0	270.5	261.7	253.7
45°	359.6	350.6	340.8	331.6	321.4	311.7	301.2	292.0	282.9	273.3	263.4
42.5°	391.2	377.6	364.9	352.4	339.6	327.9	316.0	305.2	294.9	284.8	274.1
40°	429.9	411.5	394.8	376.4	360.7	345.5	331.9	318.3	306.9	295.9	284.2
37.5°	477.5	453.5	430.6	406.8	385.8	365.8	348.8	333.2	318.3	306.3	294.0
35°	538.6	505.7	472.9	443.2	414.8	390.2	367.5	348.8	331.9	316.3	303.3
32.5°	620.9	574.4	524.6	486.5	449.0	416.7	389.6	365.8	345.5	327.9	312.3
30°	742.0	665.8	597.4	536.7	489.5	447.8	412.4	384.9	360.7	339.6	321.4
27.5°	915.7	784.5	692.1	602.8	533.9	483.3	440.6	404.5	376.1	352.4	331.5
25°	1161.8	962.8	802.3	685.8	592.0	520.2	469.9	428.0	393.3	364.7	339.6
22.5°	1499.1	1197.8	951.4	774.8	659.1	569.7	501.8	451.3	409.0	375.6	348.2
20°	1995.4	1478.1	1144.4	902.1	734.3	617.1	535.0	475.6	426.7	386.8	355.8
17.5°	2584.3	1866.7	1355.6	1032.2	822.4	678.0	573.5	497.9	442.8	396.6	361.9
15°	3212.1	2307.1	1650.7	1206.0	912.5	730.2	605.6	517.7	458.1	407.4	369.5
12.5°	4013.7	2781.9	1909.6	1350.9	1001.0	787.0	642.8	542.8	473.2	419.1	377.4
10°	4772.0	3277.1	2224.7	1541.9	1108.8	842.7	675.9	562.1	484.8	428.3	383.9
7.5°	5488.5	3753.2	2497.1	1687.3	1192.0	887.1	700.3	576.1	493.1	434.8	388.8
5°	6013.7	4107.5	2710.3	1799.5	1250.9	919.2	716.2	584.8	498.1	438.6	392.1
2.5°	6413.2	4342.2	2839.9	1865.2	1284.5	938.2	725.8	591.4	502.9	441.7	395.8
0°	6596.6	4432.9	2883.2	1900.2	1304.6	943.5	730.0	595.6	506.0	442.8	398.0
-2.5°	6413.2	4342.2	2839.9	1865.2	1284.5	938.2	725.8	591.4	502.9	441.7	395.8
-5°	6013.7	4107.5	2710.3	1799.5	1250.9	919.2	716.2	584.8	498.1	438.6	392.1
-7.5°	5488.5	3753.2	2497.1	1687.3	1192.0	887.1	700.3	576.1	493.1	434.8	388.8
-10°	4772.0	3277.1	2224.7	1541.9	1108.8	842.7	675.9	562.1	484.8	428.3	383.9
-12.5°	4013.7	2781.9	1909.6	1350.9	1001.0	787.0	642.8	542.8	473.2	419.1	377.4
-15°	3212.1	2307.1	1650.7	1206.0	912.5	730.2	605.6	517.7	458.1	407.4	369.5
-17.5°	2584.3	1866.7	1355.6	1032.2	822.4	678.0	573.5	497.9	442.8	396.6	361.9
-20°	1995.4	1478.1	1144.4	902.1	734.3	617.1	535.0	475.6	426.7	386.8	355.8

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

Scaled Data Report



REPORT NUMBER: P627089 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA3B-730-U-NR-XX

CANDELA DISTRIBUTION (continued):

	20°	22.5°	25°	27.5°	30°	32.5°	35°	37.5°	40°	42.5°	45°
-22.5°	1499.1	1197.8	951.4	774.8	659.1	569.7	501.8	451.3	409.0	375.6	348.2
-25°	1161.8	962.8	802.3	685.8	592.0	520.2	469.9	428.0	393.3	364.7	339.6
-27.5°	915.7	784.5	692.1	602.8	533.9	483.3	440.6	404.5	376.1	352.4	331.5
-30°	742.0	665.8	597.4	536.7	489.5	447.8	412.4	384.9	360.7	339.6	321.4
-32.5°	620.9	574.4	524.6	486.5	449.0	416.7	389.6	365.8	345.5	327.9	312.3
-35°	538.6	505.7	472.9	443.2	414.8	390.2	367.5	348.8	331.9	316.3	303.3
-37.5°	477.5	453.5	430.6	406.8	385.8	365.8	348.8	333.2	318.3	306.3	294.0
-40°	429.9	411.5	394.8	376.4	360.7	345.5	331.9	318.3	306.9	295.9	284.2
-42.5°	391.2	377.6	364.9	352.4	339.6	327.9	316.0	305.2	294.9	284.8	274.1
-45°	359.6	350.6	340.8	331.6	321.4	311.7	301.2	292.0	282.9	273.3	263.4
-47.5°	334.7	328.1	320.6	313.8	305.8	296.9	287.9	279.0	270.5	261.7	253.7
-50°	313.9	309.3	304.1	298.5	291.2	283.2	274.7	265.8	258.0	250.5	242.6
-52.5°	297.0	293.4	288.8	283.3	276.7	269.1	261.2	253.0	245.5	238.1	229.8
-55°	282.5	278.7	274.0	268.3	262.1	255.7	248.4	240.2	232.1	225.0	215.7
-57.5°	267.4	263.9	258.6	253.6	249.0	242.1	234.3	226.5	218.9	211.1	201.0
-60°	248.4	245.3	240.9	236.3	231.6	225.7	218.0	211.1	205.3	194.0	182.2
-62.5°	226.3	223.8	219.9	215.2	210.3	205.0	198.9	191.5	182.7	172.8	163.0
-65°	201.4	197.8	194.4	191.1	187.4	183.2	176.7	169.2	161.1	152.6	143.6
-67.5°	176.5	173.2	170.5	167.8	164.5	160.1	153.9	147.0	139.5	131.0	123.0
-70°	153.1	150.7	148.1	145.0	141.3	137.1	131.6	124.9	117.3	109.9	104.3
-72.5°	130.9	128.9	126.4	123.2	119.6	115.1	109.5	103.6	98.0	92.6	87.5
-75°	108.7	107.1	104.8	101.0	96.6	91.7	87.1	83.4	79.5	75.4	71.1
-77.5°	85.6	84.2	82.1	78.6	75.0	71.4	67.9	64.9	62.1	59.0	55.8
-80°	61.8	60.8	59.5	57.3	55.1	52.8	50.5	48.3	46.0	43.6	41.0
-82.5°	41.5	40.6	39.6	38.5	37.4	36.1	34.7	32.9	30.8	28.6	26.3
-85°	24.5	24.0	23.4	22.8	22.1	21.4	20.6	19.4	18.2	17.1	16.0
-87.5°	9.9	9.7	9.5	9.3	9.1	8.9	8.6	8.3	8.0	7.7	7.4
-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: P627089 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA3B-730-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°	7.1	6.7	6.4	6.0	5.6	5.2	4.8	4.4	4.0	3.6	3.2
85°	15.4	14.6	13.8	12.8	11.7	10.5	9.7	8.9	8.0	7.2	6.3
82.5°	24.9	24.0	23.1	21.9	20.2	18.4	16.6	14.7	12.8	10.9	9.4
80°	38.6	36.2	33.9	31.7	29.0	26.3	23.8	21.4	18.8	16.3	13.6
77.5°	52.5	49.0	45.4	42.1	38.8	35.3	31.8	28.2	24.8	21.6	18.3
75°	66.6	62.3	58.0	53.6	49.0	44.3	40.1	35.8	31.4	27.0	23.0
72.5°	82.2	76.8	71.1	65.3	60.0	54.5	48.9	43.3	38.2	33.0	27.8
70°	98.5	91.8	85.0	78.6	71.7	64.6	58.2	51.6	45.0	39.0	33.0
67.5°	115.6	108.8	100.8	92.2	84.5	76.4	67.8	60.1	52.6	45.0	38.2
65°	134.5	125.8	117.5	107.6	97.8	88.4	79.0	68.9	60.1	51.6	43.3
62.5°	152.8	142.4	132.5	122.3	111.6	100.8	90.2	78.8	67.7	58.2	48.9
60°	170.9	159.4	147.1	135.5	124.4	113.0	100.9	88.3	76.2	64.6	54.5
57.5°	188.2	176.1	162.1	148.6	136.1	124.2	111.3	97.6	84.4	71.6	59.9
55°	204.3	190.8	176.3	161.5	147.5	134.4	121.1	106.6	92.3	78.6	65.2
52.5°	219.1	205.0	189.5	173.8	158.5	144.3	130.2	115.2	100.0	85.3	70.8
50°	232.9	219.1	202.6	185.8	169.0	154.0	139.2	123.4	107.3	91.7	76.4
47.5°	244.7	231.7	215.8	197.6	179.7	163.5	148.0	131.5	114.2	97.8	81.7
45°	254.5	243.4	228.1	209.8	190.6	173.4	156.6	139.4	121.3	103.6	86.8
42.5°	263.5	253.1	239.4	221.7	201.8	183.2	165.0	147.1	128.2	109.3	91.8
40°	272.8	261.8	249.9	232.1	212.3	192.6	173.6	154.5	134.9	114.8	96.4
37.5°	281.4	270.0	257.9	241.7	221.7	201.5	181.7	161.7	141.1	120.3	100.9
35°	290.1	277.3	264.9	249.3	229.9	209.5	189.5	168.7	146.9	125.4	105.1
32.5°	298.5	284.2	270.7	255.5	237.4	216.7	196.4	174.7	152.4	130.2	109.0
30°	306.1	290.5	276.3	261.5	243.8	223.0	202.3	180.2	157.5	134.5	112.7
27.5°	312.2	295.8	281.7	266.6	248.9	228.7	207.4	185.2	162.2	138.5	116.2
25°	318.3	300.7	286.0	271.3	253.7	234.4	212.2	189.6	166.3	142.3	119.3
22.5°	325.0	305.3	289.3	275.7	258.6	239.9	216.7	193.4	169.9	145.7	122.1
20°	331.0	309.3	291.8	279.2	262.5	244.0	221.0	196.8	172.9	148.7	124.6
17.5°	336.2	313.5	295.1	281.2	265.6	247.5	225.0	199.8	175.5	151.3	126.7
15°	341.7	317.9	298.0	282.9	268.0	250.5	228.6	202.4	177.6	153.5	128.5
12.5°	346.6	321.5	300.4	284.2	269.9	252.9	231.8	204.6	179.3	155.4	130.2
10°	350.6	324.3	302.2	285.1	271.2	254.7	234.6	206.7	181.0	156.8	131.7
7.5°	353.8	326.2	303.3	285.6	272.1	256.2	236.9	209.1	182.5	157.8	132.9
5°	356.1	327.7	305.1	287.2	273.2	257.4	238.5	211.1	183.6	158.3	133.7
2.5°	357.8	329.0	307.1	288.8	273.9	258.1	239.5	212.6	184.3	158.4	134.2
0°	358.4	329.4	308.4	289.9	274.1	258.3	239.8	213.5	184.5	158.1	134.4
-2.5°	357.8	329.0	307.1	288.8	273.9	258.1	239.5	212.6	184.3	158.4	134.2
-5°	356.1	327.7	305.1	287.2	273.2	257.4	238.5	211.1	183.6	158.3	133.7
-7.5°	353.8	326.2	303.3	285.6	272.1	256.2	236.9	209.1	182.5	157.8	132.9
-10°	350.6	324.3	302.2	285.1	271.2	254.7	234.6	206.7	181.0	156.8	131.7
-12.5°	346.6	321.5	300.4	284.2	269.9	252.9	231.8	204.6	179.3	155.4	130.2
-15°	341.7	317.9	298.0	282.9	268.0	250.5	228.6	202.4	177.6	153.5	128.5
-17.5°	336.2	313.5	295.1	281.2	265.6	247.5	225.0	199.8	175.5	151.3	126.7
-20°	331.0	309.3	291.8	279.2	262.5	244.0	221.0	196.8	172.9	148.7	124.6



REPORT NUMBER: P627089 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA3B-730-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°	325.0	305.3	289.3	275.7	258.6	239.9	216.7	193.4	169.9	145.7	122.1
-25°	318.3	300.7	286.0	271.3	253.7	234.4	212.2	189.6	166.3	142.3	119.3
-27.5°	312.2	295.8	281.7	266.6	248.9	228.7	207.4	185.2	162.2	138.5	116.2
-30°	306.1	290.5	276.3	261.5	243.8	223.0	202.3	180.2	157.5	134.5	112.7
-32.5°	298.5	284.2	270.7	255.5	237.4	216.7	196.4	174.7	152.4	130.2	109.0
-35°	290.1	277.3	264.9	249.3	229.9	209.5	189.5	168.7	146.9	125.4	105.1
-37.5°	281.4	270.0	257.9	241.7	221.7	201.5	181.7	161.7	141.1	120.3	100.9
-40°	272.8	261.8	249.9	232.1	212.3	192.6	173.6	154.5	134.9	114.8	96.4
-42.5°	263.5	253.1	239.4	221.7	201.8	183.2	165.0	147.1	128.2	109.3	91.8
-45°	254.5	243.4	228.1	209.8	190.6	173.4	156.6	139.4	121.3	103.6	86.8
-47.5°	244.7	231.7	215.8	197.6	179.7	163.5	148.0	131.5	114.2	97.8	81.7
-50°	232.9	219.1	202.6	185.8	169.0	154.0	139.2	123.4	107.3	91.7	76.4
-52.5°	219.1	205.0	189.5	173.8	158.5	144.3	130.2	115.2	100.0	85.3	70.8
-55°	204.3	190.8	176.3	161.5	147.5	134.4	121.1	106.6	92.3	78.6	65.2
-57.5°	188.2	176.1	162.1	148.6	136.1	124.2	111.3	97.6	84.4	71.6	59.9
-60°	170.9	159.4	147.1	135.5	124.4	113.0	100.9	88.3	76.2	64.6	54.5
-62.5°	152.8	142.4	132.5	122.3	111.6	100.8	90.2	78.8	67.7	58.2	48.9
-65°	134.5	125.8	117.5	107.6	97.8	88.4	79.0	68.9	60.1	51.6	43.3
-67.5°	115.6	108.8	100.8	92.2	84.5	76.4	67.8	60.1	52.6	45.0	38.2
-70°	98.5	91.8	85.0	78.6	71.7	64.6	58.2	51.6	45.0	39.0	33.0
-72.5°	82.2	76.8	71.1	65.3	60.0	54.5	48.9	43.3	38.2	33.0	27.8
-75°	66.6	62.3	58.0	53.6	49.0	44.3	40.1	35.8	31.4	27.0	23.0
-77.5°	52.5	49.0	45.4	42.1	38.8	35.3	31.8	28.2	24.8	21.6	18.3
-80°	38.6	36.2	33.9	31.7	29.0	26.3	23.8	21.4	18.8	16.3	13.6
-82.5°	24.9	24.0	23.1	21.9	20.2	18.4	16.6	14.7	12.8	10.9	9.4
-85°	15.4	14.6	13.8	12.8	11.7	10.5	9.7	8.9	8.0	7.2	6.3
-87.5°	7.1	6.7	6.4	6.0	5.6	5.2	4.8	4.4	4.0	3.6	3.2
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

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Scaled Data Report



REPORT NUMBER: P627089 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA3B-730-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°	2.7	2.3	1.8	1.4	0.9	0.4	0.0
85°	5.4	4.5	3.6	2.7	1.8	0.8	0.0
82.5°	8.1	6.8	5.5	4.1	2.7	1.2	0.0
80°	11.0	9.0	7.3	5.5	3.6	1.6	0.0
77.5°	15.0	11.6	9.0	6.8	4.5	2.0	0.0
75°	19.0	14.8	10.9	8.1	5.4	2.4	0.0
72.5°	22.8	17.9	13.3	9.4	6.2	2.7	0.0
70°	26.7	21.0	15.7	10.8	7.1	3.1	0.0
67.5°	31.1	24.0	18.0	12.5	7.9	3.5	0.0
65°	35.5	27.2	20.3	14.1	8.7	3.8	0.0
62.5°	39.7	30.8	22.5	15.7	9.4	4.2	0.0
60°	43.8	34.2	24.6	17.3	10.1	4.5	0.0
57.5°	48.4	37.6	27.2	18.8	11.1	4.8	0.0
55°	52.9	40.9	29.9	20.2	12.0	5.1	0.0
52.5°	57.2	44.1	32.4	21.6	12.9	5.4	0.0
50°	61.4	47.6	34.8	22.9	13.8	5.7	0.0
47.5°	65.6	51.0	37.2	24.3	14.7	6.0	0.0
45°	70.0	54.2	39.4	26.0	15.5	6.2	0.0
42.5°	74.2	57.3	41.6	27.6	16.3	6.5	0.0
40°	78.2	60.3	43.8	29.2	17.1	6.7	0.0
37.5°	81.9	63.0	46.0	30.7	17.8	6.9	0.0
35°	85.5	65.9	48.1	32.1	18.5	7.1	0.0
32.5°	88.9	68.7	50.1	33.5	19.2	7.3	0.0
30°	92.0	71.3	51.9	34.7	19.8	7.4	0.0
27.5°	94.9	73.7	53.7	35.9	20.4	7.5	0.0
25°	97.5	75.8	55.3	37.0	20.9	7.7	0.0
22.5°	99.9	77.8	56.8	38.0	21.4	7.8	0.0
20°	102.0	79.5	58.2	38.8	21.9	7.8	0.0
17.5°	103.8	80.9	59.4	39.6	22.3	7.9	0.0
15°	105.2	82.1	60.4	40.3	22.7	8.0	0.0
12.5°	106.4	83.1	61.3	40.9	23.0	8.0	0.0
10°	107.3	83.8	62.0	41.4	23.2	8.0	0.0
7.5°	107.9	84.2	62.6	41.7	23.4	8.0	0.0
5°	108.2	84.5	63.0	42.0	23.6	8.0	0.0
2.5°	108.3	84.5	63.2	42.1	23.7	7.9	0.0
0°	108.1	84.3	63.3	42.2	23.7	7.9	0.0
-2.5°	108.3	84.5	63.2	42.1	23.7	7.9	0.0
-5°	108.2	84.5	63.0	42.0	23.6	8.0	0.0
-7.5°	107.9	84.2	62.6	41.7	23.4	8.0	0.0
-10°	107.3	83.8	62.0	41.4	23.2	8.0	0.0
-12.5°	106.4	83.1	61.3	40.9	23.0	8.0	0.0
-15°	105.2	82.1	60.4	40.3	22.7	8.0	0.0
-17.5°	103.8	80.9	59.4	39.6	22.3	7.9	0.0
-20°	102.0	79.5	58.2	38.8	21.9	7.8	0.0

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CATALOG NUMBER: GFLD-SA3B-730-U-NR-XX

CANDELA DISTRIBUTION (continued):

	75°	77.5°	80°	82.5°	85°	87.5°	90°
-22.5°	99.9	77.8	56.8	38.0	21.4	7.8	0.0
-25°	97.5	75.8	55.3	37.0	20.9	7.7	0.0
-27.5°	94.9	73.7	53.7	35.9	20.4	7.5	0.0
-30°	92.0	71.3	51.9	34.7	19.8	7.4	0.0
-32.5°	88.9	68.7	50.1	33.5	19.2	7.3	0.0
-35°	85.5	65.9	48.1	32.1	18.5	7.1	0.0
-37.5°	81.9	63.0	46.0	30.7	17.8	6.9	0.0
-40°	78.2	60.3	43.8	29.2	17.1	6.7	0.0
-42.5°	74.2	57.3	41.6	27.6	16.3	6.5	0.0
-45°	70.0	54.2	39.4	26.0	15.5	6.2	0.0
-47.5°	65.6	51.0	37.2	24.3	14.7	6.0	0.0
-50°	61.4	47.6	34.8	22.9	13.8	5.7	0.0
-52.5°	57.2	44.1	32.4	21.6	12.9	5.4	0.0
-55°	52.9	40.9	29.9	20.2	12.0	5.1	0.0
-57.5°	48.4	37.6	27.2	18.8	11.1	4.8	0.0
-60°	43.8	34.2	24.6	17.3	10.1	4.5	0.0
-62.5°	39.7	30.8	22.5	15.7	9.4	4.2	0.0
-65°	35.5	27.2	20.3	14.1	8.7	3.8	0.0
-67.5°	31.1	24.0	18.0	12.5	7.9	3.5	0.0
-70°	26.7	21.0	15.7	10.8	7.1	3.1	0.0
-72.5°	22.8	17.9	13.3	9.4	6.2	2.7	0.0
-75°	19.0	14.8	10.9	8.1	5.4	2.4	0.0
-77.5°	15.0	11.6	9.0	6.8	4.5	2.0	0.0
-80°	11.0	9.0	7.3	5.5	3.6	1.6	0.0
-82.5°	8.1	6.8	5.5	4.1	2.7	1.2	0.0
-85°	5.4	4.5	3.6	2.7	1.8	0.8	0.0
-87.5°	2.7	2.3	1.8	1.4	0.9	0.4	0.0
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0

(END OF REPORT)