

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: P627099 (CONVERTED FROM TYPE C PHOTOMETRY)

Luminaire Tested: **GFLD-SA3B-735-U-NR-XX**

Issue Date: 12/7/2022

Test Information

Test Method: LM-79-08
Report Number: P627099 (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-735-U-NR-XX
Description: GALLEON FLOOD, THREE LIGHT SQAURE, NARROW SYMMETRICAL ROUND N69
Light Source: (48) 3500K CCT, 70 CRI LEDS
Ballast/Driver: -

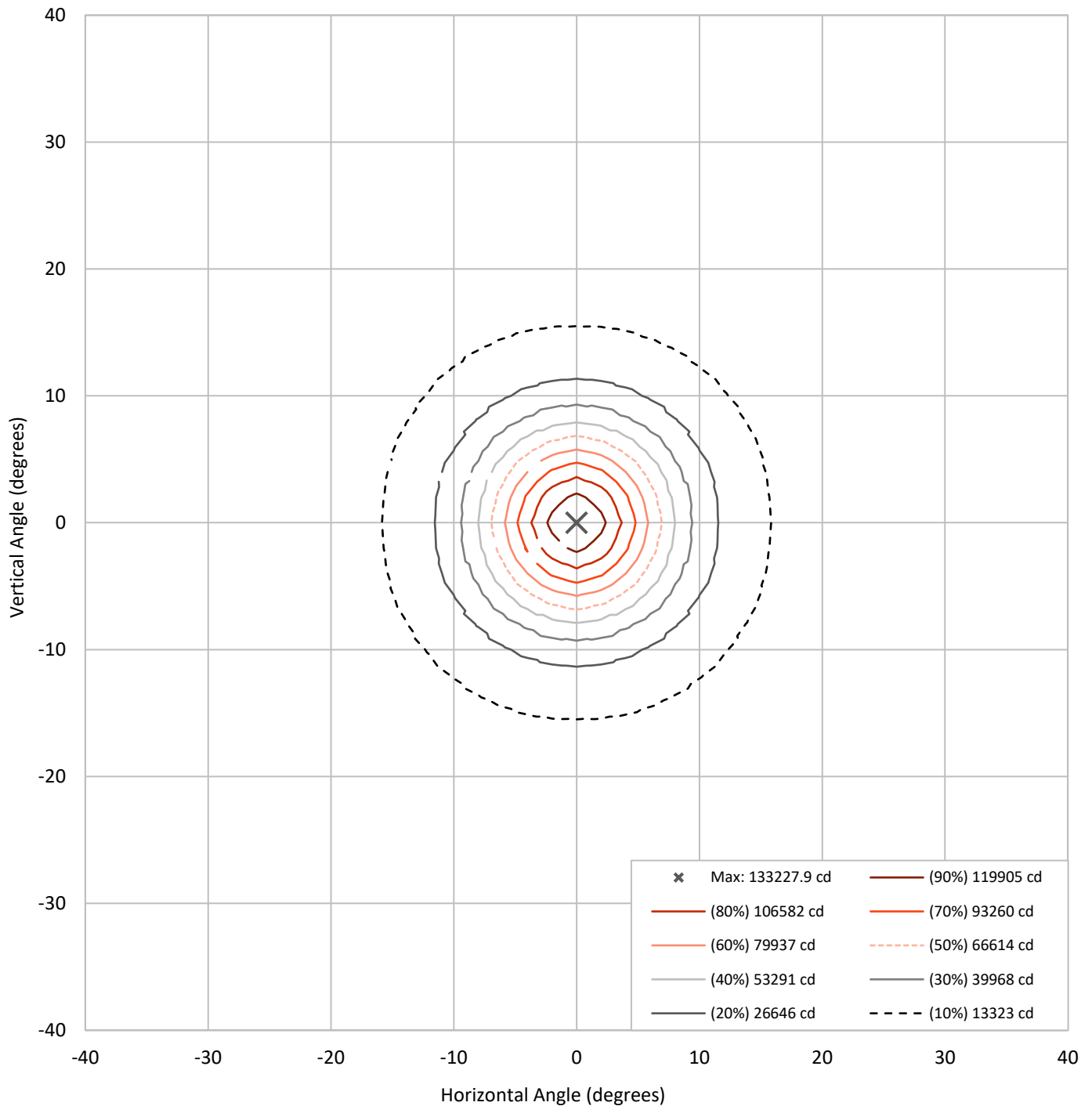
Summary

Lumens per Lamp:	N/A	NEMA Type:	3H x 3V
Luminaire Lumens:	14146.8 lumens	Max Intensity:	133227.9 candela
Efficiency:	N/A	Max Intensity Angle:	0°H x 0°V
Efficacy:	151.0 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:	4182.6 lumens	Field Lumens:	9412.6 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





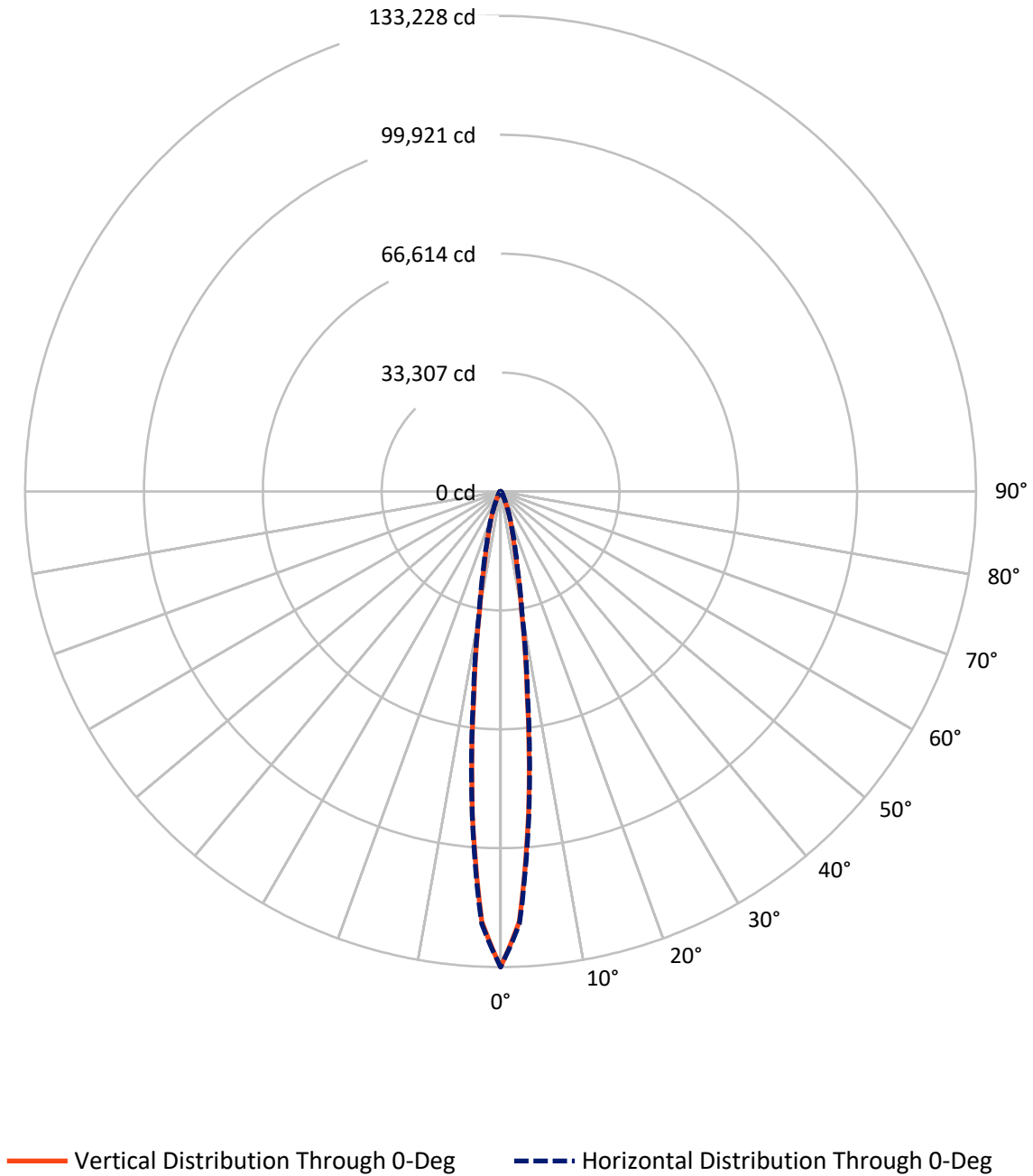
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Lumen Table

90	0.2	1.9	5.1	8.2	9.0	8.2	5.1	1.9	0.2							
80	0.2	1.9	5.1	8.2	9.0	8.2	5.1	1.9	0.2							
70	0.9	1.0	2.0	3.3	4.7	5.8	6.5	6.8	6.8	6.5	5.8	4.7	3.3	2.0	1.0	0.9
60		1.5	3.1	5.0	6.7	8.2	9.1	9.5	9.5	9.1	8.2	6.7	5.0	3.1	1.5	
50	1.5	2.0	4.0	6.1	8.2	10.3	12.1	13.1	13.1	12.1	10.3	8.2	6.1	4.0	2.0	1.5
40		2.4	4.7	7.1	10.1	14.5	20.4	25.2	25.2	20.4	14.5	10.1	7.1	4.7	2.4	
30	2.0	2.7	5.1	8.0	13.0	25.9	58.9	97.4	97.4	58.9	25.9	13.0	8.0	5.1	2.7	2.0
20		2.9	5.4	8.8	17.3	54.9	194.9	419.8	419.8	194.9	54.9	17.3	8.8	5.4	2.9	
10	2.2	3.0	5.5	9.4	20.9	90.5	423.7	1830.2	1830.2	423.7	90.5	20.9	9.4	5.5	3.0	2.2
0		3.0	5.5	9.4	20.9	90.5	423.7	1830.2	1830.2	423.7	90.5	20.9	9.4	5.5	3.0	
-10	2.0	2.9	5.4	8.8	17.3	54.9	194.9	419.8	419.8	194.9	54.9	17.3	8.8	5.4	2.9	2.0
-20		2.7	5.1	8.0	13.0	25.9	58.9	97.4	97.4	58.9	25.9	13.0	8.0	5.1	2.7	
-30	1.5	2.4	4.7	7.1	10.1	14.5	20.4	25.2	25.2	20.4	14.5	10.1	7.1	4.7	2.4	1.5
-40		2.0	4.0	6.1	8.2	10.3	12.1	13.1	13.1	12.1	10.3	8.2	6.1	4.0	2.0	
-50	0.9	1.5	3.1	5.0	6.7	8.2	9.1	9.5	9.5	9.1	8.2	6.7	5.0	3.1	1.5	0.9
-60		1.0	2.0	3.3	4.7	5.8	6.5	6.8	6.8	6.5	5.8	4.7	3.3	2.0	1.0	
-70	0.2	1.9	5.1	8.2	9.0	8.2	5.1	1.9	0.2							
-80		0.2	1.9	5.1	8.2	9.0	8.2	5.1	1.9	0.2						
-90	0.2	1.9	5.1	8.2	9.0	8.2	5.1	1.9	0.2							

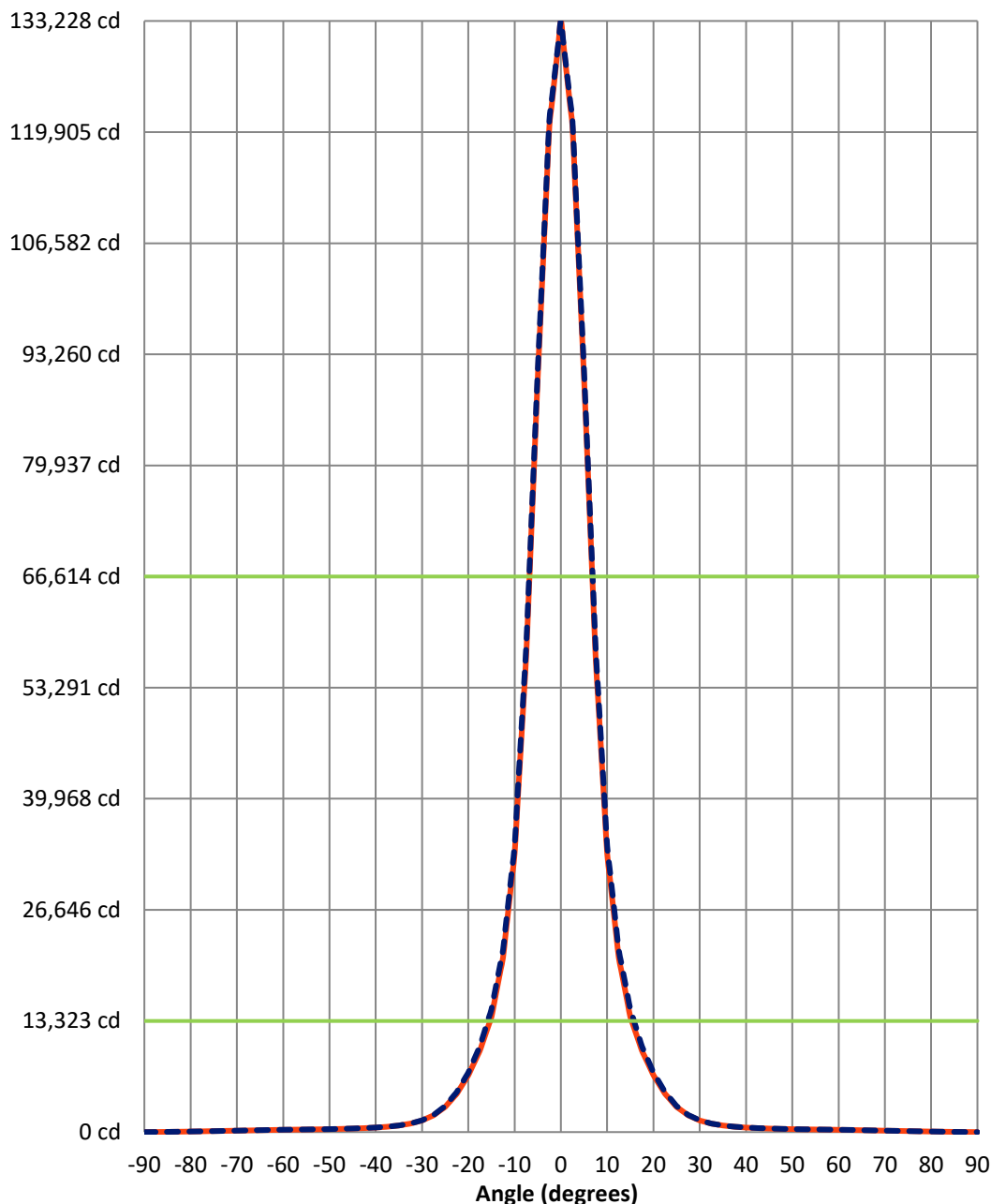
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Luminous Intensity Polar Plot



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Luminous Intensity Plot



Beam:
 H Angle: 13.7°
 V Angle: 13.6°
 Lumens: 4182.6
 Efficiency: 29.6%

Field:
 H Angle: 31.6°
 V Angle: 30.6°
 Lumens: 9412.6
 Efficiency: 66.5%

Spill:
 Lumens: 4734.3
 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	1.0	1.5	2.0	2.5	2.9	3.4	3.9	4.4	4.8
85°	0.0	0.9	2.0	3.0	4.0	4.9	5.9	6.8	7.8	8.7	9.6
82.5°	0.0	1.3	3.0	4.5	5.9	7.4	8.8	10.3	11.8	13.9	15.9
80°	0.0	1.7	3.9	5.9	7.9	9.8	11.9	14.8	17.6	20.4	23.1
77.5°	0.0	2.2	4.9	7.4	9.8	12.6	16.2	19.8	23.3	26.8	30.5
75°	0.0	2.6	5.8	8.8	11.9	16.0	20.5	24.8	29.1	34.0	38.7
72.5°	0.0	3.0	6.8	10.3	14.5	19.4	24.7	30.0	35.7	41.4	46.9
70°	0.0	3.4	7.7	11.7	17.0	22.7	28.9	35.7	42.2	48.7	55.9
67.5°	0.0	3.8	8.6	13.6	19.5	25.9	33.7	41.4	48.7	56.9	65.1
65°	0.0	4.2	9.4	15.3	22.0	29.5	38.4	46.9	55.9	65.1	74.6
62.5°	0.0	4.5	10.2	17.0	24.3	33.3	43.0	52.9	63.0	73.3	85.3
60°	0.0	4.9	11.0	18.7	26.6	37.0	47.4	59.0	70.0	82.5	95.7
57.5°	0.0	5.3	12.0	20.3	29.5	40.7	52.4	64.9	77.6	91.5	105.8
55°	0.0	5.6	13.1	21.9	32.3	44.2	57.3	70.6	85.1	100.1	115.5
52.5°	0.0	5.9	14.0	23.4	35.1	47.7	62.0	76.8	92.4	108.3	124.7
50°	0.0	6.2	15.0	24.8	37.7	51.5	66.5	82.8	99.3	116.2	133.7
47.5°	0.0	6.5	15.9	26.3	40.3	55.2	71.0	88.5	105.9	123.7	142.4
45°	0.0	6.8	16.8	28.2	42.7	58.7	75.8	94.1	112.3	131.4	151.0
42.5°	0.0	7.0	17.7	29.9	45.0	62.1	80.3	99.4	118.3	138.8	159.3
40°	0.0	7.3	18.5	31.6	47.4	65.2	84.6	104.5	124.3	146.1	167.4
37.5°	0.0	7.5	19.3	33.3	49.8	68.3	88.7	109.3	130.3	152.8	175.2
35°	0.0	7.7	20.1	34.8	52.1	71.3	92.6	113.8	135.9	159.1	182.7
32.5°	0.0	7.9	20.8	36.3	54.2	74.3	96.2	118.0	141.0	165.1	189.3
30°	0.0	8.1	21.5	37.6	56.2	77.1	99.6	122.0	145.7	170.6	195.2
27.5°	0.0	8.2	22.1	38.9	58.1	79.7	102.7	125.8	150.0	175.6	200.6
25°	0.0	8.3	22.7	40.1	59.9	82.1	105.6	129.2	154.1	180.1	205.3
22.5°	0.0	8.4	23.3	41.1	61.5	84.2	108.2	132.3	157.8	184.0	209.4
20°	0.0	8.5	23.7	42.1	62.9	86.1	110.5	134.9	161.0	187.3	213.2
17.5°	0.0	8.6	24.2	42.9	64.2	87.6	112.4	137.2	163.8	190.1	216.4
15°	0.0	8.7	24.6	43.6	65.4	88.9	113.9	139.2	166.2	192.4	219.3
12.5°	0.0	8.7	24.9	44.3	66.3	90.0	115.2	141.1	168.3	194.1	221.7
10°	0.0	8.7	25.2	44.8	67.1	90.7	116.1	142.7	169.8	196.0	223.9
7.5°	0.0	8.7	25.4	45.2	67.7	91.2	116.8	143.9	170.9	197.6	226.6
5°	0.0	8.7	25.6	45.5	68.1	91.5	117.2	144.8	171.5	198.8	228.7
2.5°	0.0	8.7	25.7	45.6	68.4	91.5	117.2	145.4	171.6	199.5	230.2
0°	0.0	8.6	25.7	45.7	68.5	91.3	117.0	145.6	171.3	199.8	231.2
-2.5°	0.0	8.7	25.7	45.6	68.4	91.5	117.2	145.4	171.6	199.5	230.2
-5°	0.0	8.7	25.6	45.5	68.1	91.5	117.2	144.8	171.5	198.8	228.7
-7.5°	0.0	8.7	25.4	45.2	67.7	91.2	116.8	143.9	170.9	197.6	226.6
-10°	0.0	8.7	25.2	44.8	67.1	90.7	116.1	142.7	169.8	196.0	223.9
-12.5°	0.0	8.7	24.9	44.3	66.3	90.0	115.2	141.1	168.3	194.1	221.7
-15°	0.0	8.7	24.6	43.6	65.4	88.9	113.9	139.2	166.2	192.4	219.3
-17.5°	0.0	8.6	24.2	42.9	64.2	87.6	112.4	137.2	163.8	190.1	216.4
-20°	0.0	8.5	23.7	42.1	62.9	86.1	110.5	134.9	161.0	187.3	213.2

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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	8.4	23.3	41.1	61.5	84.2	108.2	132.3	157.8	184.0	209.4
-25°	0.0	8.3	22.7	40.1	59.9	82.1	105.6	129.2	154.1	180.1	205.3
-27.5°	0.0	8.2	22.1	38.9	58.1	79.7	102.7	125.8	150.0	175.6	200.6
-30°	0.0	8.1	21.5	37.6	56.2	77.1	99.6	122.0	145.7	170.6	195.2
-32.5°	0.0	7.9	20.8	36.3	54.2	74.3	96.2	118.0	141.0	165.1	189.3
-35°	0.0	7.7	20.1	34.8	52.1	71.3	92.6	113.8	135.9	159.1	182.7
-37.5°	0.0	7.5	19.3	33.3	49.8	68.3	88.7	109.3	130.3	152.8	175.2
-40°	0.0	7.3	18.5	31.6	47.4	65.2	84.6	104.5	124.3	146.1	167.4
-42.5°	0.0	7.0	17.7	29.9	45.0	62.1	80.3	99.4	118.3	138.8	159.3
-45°	0.0	6.8	16.8	28.2	42.7	58.7	75.8	94.1	112.3	131.4	151.0
-47.5°	0.0	6.5	15.9	26.3	40.3	55.2	71.0	88.5	105.9	123.7	142.4
-50°	0.0	6.2	15.0	24.8	37.7	51.5	66.5	82.8	99.3	116.2	133.7
-52.5°	0.0	5.9	14.0	23.4	35.1	47.7	62.0	76.8	92.4	108.3	124.7
-55°	0.0	5.6	13.1	21.9	32.3	44.2	57.3	70.6	85.1	100.1	115.5
-57.5°	0.0	5.3	12.0	20.3	29.5	40.7	52.4	64.9	77.6	91.5	105.8
-60°	0.0	4.9	11.0	18.7	26.6	37.0	47.4	59.0	70.0	82.5	95.7
-62.5°	0.0	4.5	10.2	17.0	24.3	33.3	43.0	52.9	63.0	73.3	85.3
-65°	0.0	4.2	9.4	15.3	22.0	29.5	38.4	46.9	55.9	65.1	74.6
-67.5°	0.0	3.8	8.6	13.6	19.5	25.9	33.7	41.4	48.7	56.9	65.1
-70°	0.0	3.4	7.7	11.7	17.0	22.7	28.9	35.7	42.2	48.7	55.9
-72.5°	0.0	3.0	6.8	10.3	14.5	19.4	24.7	30.0	35.7	41.4	46.9
-75°	0.0	2.6	5.8	8.8	11.9	16.0	20.5	24.8	29.1	34.0	38.7
-77.5°	0.0	2.2	4.9	7.4	9.8	12.6	16.2	19.8	23.3	26.8	30.5
-80°	0.0	1.7	3.9	5.9	7.9	9.8	11.9	14.8	17.6	20.4	23.1
-82.5°	0.0	1.3	3.0	4.5	5.9	7.4	8.8	10.3	11.8	13.9	15.9
-85°	0.0	0.9	2.0	3.0	4.0	4.9	5.9	6.8	7.8	8.7	9.6
-87.5°	0.0	0.4	1.0	1.5	2.0	2.5	2.9	3.4	3.9	4.4	4.8
-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°	5.3	5.7	6.1	6.5	6.9	7.3	7.7	8.1	8.4	8.7	9.0
85°	10.5	11.4	12.7	13.9	15.0	15.9	16.7	17.3	18.5	19.7	21.0
82.5°	17.9	19.9	21.8	23.7	25.0	26.0	27.0	28.5	31.0	33.4	35.6
80°	25.8	28.4	31.3	34.2	36.7	39.2	41.8	44.4	47.2	49.8	52.3
77.5°	34.4	38.2	41.9	45.6	49.2	53.1	56.8	60.4	63.9	67.2	70.4
75°	43.4	48.0	53.0	58.0	62.8	67.5	72.1	77.0	81.7	86.2	90.4
72.5°	52.9	59.0	65.0	70.8	77.0	83.2	89.1	94.8	100.3	106.2	112.3
70°	63.0	70.0	77.7	85.1	92.1	99.5	106.7	113.0	119.0	127.0	135.2
67.5°	73.4	82.8	91.5	99.9	109.2	117.8	125.2	133.2	141.8	151.1	159.2
65°	85.6	95.8	106.0	116.5	127.3	136.2	145.6	155.5	165.2	174.5	183.2
62.5°	97.7	109.2	120.8	132.4	143.4	154.2	165.5	176.6	187.2	197.9	207.4
60°	109.3	122.4	134.7	146.7	159.3	172.7	185.2	197.4	210.1	222.3	228.6
57.5°	120.5	134.5	147.4	160.9	175.6	190.7	203.8	217.7	228.6	237.0	245.3
55°	131.1	145.6	159.7	174.9	190.9	206.6	221.2	233.6	243.7	251.4	260.1
52.5°	141.0	156.3	171.7	188.3	205.2	222.0	237.3	248.8	257.9	265.8	274.0
50°	150.7	166.8	183.0	201.2	219.4	237.2	252.2	262.8	271.4	279.5	287.9
47.5°	160.2	177.1	194.6	214.0	233.7	250.9	265.1	274.8	283.4	293.0	302.2
45°	169.6	187.9	206.4	227.3	247.1	263.6	275.6	285.3	296.0	306.3	316.2
42.5°	178.7	198.5	218.6	240.2	259.3	274.2	285.4	296.9	308.4	319.4	330.6
40°	188.0	208.6	229.9	251.4	270.6	283.5	295.4	307.8	320.5	332.4	344.8
37.5°	196.8	218.2	240.2	261.8	279.3	292.4	304.7	318.4	331.8	344.8	360.9
35°	205.3	226.9	249.1	270.0	286.9	300.4	314.2	328.6	342.6	359.4	377.8
32.5°	212.8	234.7	257.2	276.7	293.2	307.8	323.3	338.3	355.2	374.2	396.2
30°	219.1	241.6	264.1	283.2	299.3	314.7	331.5	348.1	367.8	390.7	416.8
27.5°	224.7	247.7	269.6	288.7	305.1	320.4	338.2	359.0	381.7	407.3	438.0
25°	229.9	253.9	274.8	293.8	309.7	325.7	344.7	367.8	395.1	425.9	463.6
22.5°	234.8	259.9	280.1	298.6	313.3	330.7	352.0	377.2	406.8	443.0	488.8
20°	239.5	264.3	284.3	302.4	316.0	334.9	358.5	385.3	418.9	462.1	515.1
17.5°	243.8	268.2	287.6	304.6	319.6	339.5	364.2	392.0	429.5	479.6	539.3
15°	247.7	271.3	290.3	306.4	322.8	344.3	370.1	400.2	441.2	496.1	560.7
12.5°	251.2	273.9	292.3	307.8	325.3	348.2	375.4	408.8	453.8	512.5	587.9
10°	254.1	275.9	293.8	308.8	327.3	351.2	379.8	415.8	463.9	525.1	608.8
7.5°	256.7	277.5	294.8	309.3	328.5	353.3	383.2	421.1	470.9	534.1	623.9
5°	258.4	278.7	295.9	311.1	330.4	355.0	385.7	424.7	475.0	539.4	633.3
2.5°	259.5	279.4	296.7	312.7	332.6	356.4	387.6	428.7	478.3	544.6	640.5
0°	259.8	279.7	296.9	314.0	334.0	356.8	388.2	431.0	479.5	548.1	645.1
-2.5°	259.5	279.4	296.7	312.7	332.6	356.4	387.6	428.7	478.3	544.6	640.5
-5°	258.4	278.7	295.9	311.1	330.4	355.0	385.7	424.7	475.0	539.4	633.3
-7.5°	256.7	277.5	294.8	309.3	328.5	353.3	383.2	421.1	470.9	534.1	623.9
-10°	254.1	275.9	293.8	308.8	327.3	351.2	379.8	415.8	463.9	525.1	608.8
-12.5°	251.2	273.9	292.3	307.8	325.3	348.2	375.4	408.8	453.8	512.5	587.9
-15°	247.7	271.3	290.3	306.4	322.8	344.3	370.1	400.2	441.2	496.1	560.7
-17.5°	243.8	268.2	287.6	304.6	319.6	339.5	364.2	392.0	429.5	479.6	539.3
-20°	239.5	264.3	284.3	302.4	316.0	334.9	358.5	385.3	418.9	462.1	515.1

Classified

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

Scaled Data Report



REPORT NUMBER: P627099 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA3B-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°	234.8	259.9	280.1	298.6	313.3	330.7	352.0	377.2	406.8	443.0	488.8
-25°	229.9	253.9	274.8	293.8	309.7	325.7	344.7	367.8	395.1	425.9	463.6
-27.5°	224.7	247.7	269.6	288.7	305.1	320.4	338.2	359.0	381.7	407.3	438.0
-30°	219.1	241.6	264.1	283.2	299.3	314.7	331.5	348.1	367.8	390.7	416.8
-32.5°	212.8	234.7	257.2	276.7	293.2	307.8	323.3	338.3	355.2	374.2	396.2
-35°	205.3	226.9	249.1	270.0	286.9	300.4	314.2	328.6	342.6	359.4	377.8
-37.5°	196.8	218.2	240.2	261.8	279.3	292.4	304.7	318.4	331.8	344.8	360.9
-40°	188.0	208.6	229.9	251.4	270.6	283.5	295.4	307.8	320.5	332.4	344.8
-42.5°	178.7	198.5	218.6	240.2	259.3	274.2	285.4	296.9	308.4	319.4	330.6
-45°	169.6	187.9	206.4	227.3	247.1	263.6	275.6	285.3	296.0	306.3	316.2
-47.5°	160.2	177.1	194.6	214.0	233.7	250.9	265.1	274.8	283.4	293.0	302.2
-50°	150.7	166.8	183.0	201.2	219.4	237.2	252.2	262.8	271.4	279.5	287.9
-52.5°	141.0	156.3	171.7	188.3	205.2	222.0	237.3	248.8	257.9	265.8	274.0
-55°	131.1	145.6	159.7	174.9	190.9	206.6	221.2	233.6	243.7	251.4	260.1
-57.5°	120.5	134.5	147.4	160.9	175.6	190.7	203.8	217.7	228.6	237.0	245.3
-60°	109.3	122.4	134.7	146.7	159.3	172.7	185.2	197.4	210.1	222.3	228.6
-62.5°	97.7	109.2	120.8	132.4	143.4	154.2	165.5	176.6	187.2	197.9	207.4
-65°	85.6	95.8	106.0	116.5	127.3	136.2	145.6	155.5	165.2	174.5	183.2
-67.5°	73.4	82.8	91.5	99.9	109.2	117.8	125.2	133.2	141.8	151.1	159.2
-70°	63.0	70.0	77.7	85.1	92.1	99.5	106.7	113.0	119.0	127.0	135.2
-72.5°	52.9	59.0	65.0	70.8	77.0	83.2	89.1	94.8	100.3	106.2	112.3
-75°	43.4	48.0	53.0	58.0	62.8	67.5	72.1	77.0	81.7	86.2	90.4
-77.5°	34.4	38.2	41.9	45.6	49.2	53.1	56.8	60.4	63.9	67.2	70.4
-80°	25.8	28.4	31.3	34.2	36.7	39.2	41.8	44.4	47.2	49.8	52.3
-82.5°	17.9	19.9	21.8	23.7	25.0	26.0	27.0	28.5	31.0	33.4	35.6
-85°	10.5	11.4	12.7	13.9	15.0	15.9	16.7	17.3	18.5	19.7	21.0
-87.5°	5.3	5.7	6.1	6.5	6.9	7.3	7.7	8.1	8.4	8.7	9.0
-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: P627099 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA3B-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°	9.3	9.6	9.9	10.1	10.3	10.5	10.7	10.9	11.0	10.4	9.9
85°	22.3	23.1	23.9	24.6	25.3	25.9	26.4	26.9	27.3	27.0	26.6
82.5°	37.6	39.1	40.4	41.7	42.9	43.9	44.9	45.7	46.4	46.4	46.2
80°	54.7	57.2	59.6	62.0	64.4	65.9	66.9	67.7	68.3	68.5	68.6
77.5°	73.6	77.4	81.3	85.2	89.0	91.2	92.7	94.0	95.1	95.3	95.1
75°	94.4	99.3	104.7	109.4	113.5	116.0	117.7	119.2	120.4	120.7	120.6
72.5°	118.6	124.6	129.4	133.4	136.9	139.6	141.8	143.6	145.2	145.8	145.9
70°	142.5	148.4	153.0	157.1	160.4	163.2	165.8	168.1	170.0	171.3	172.3
67.5°	166.7	173.5	178.2	181.8	184.7	187.6	191.1	194.1	196.6	198.3	199.2
65°	191.5	198.5	203.0	207.0	210.6	214.3	218.1	221.0	222.8	224.0	224.8
62.5°	215.4	222.0	227.7	233.1	238.2	242.4	245.1	247.4	249.5	251.2	252.5
60°	236.1	244.5	250.9	255.9	260.9	265.8	269.0	271.6	273.6	275.1	276.0
57.5°	253.7	262.2	269.7	274.7	280.1	285.9	289.6	291.8	293.8	295.6	296.4
55°	269.1	276.9	283.9	290.6	296.7	301.9	305.9	308.8	311.3	313.3	313.9
52.5°	282.9	291.5	299.6	306.8	312.8	317.8	321.8	325.4	328.1	330.0	330.8
50°	297.5	306.7	315.4	323.3	329.4	335.0	339.9	344.2	348.3	351.5	353.9
47.5°	311.8	321.7	331.3	339.9	347.2	355.3	362.5	368.6	374.6	379.4	382.8
45°	326.3	337.6	348.1	359.2	369.2	379.7	389.5	397.9	406.5	413.1	417.5
42.5°	342.3	355.2	367.8	381.7	395.2	408.9	423.7	436.9	447.2	456.8	464.6
40°	359.4	374.2	390.7	407.7	427.7	445.7	465.7	482.8	498.3	514.6	527.6
37.5°	377.8	396.2	417.9	440.6	466.4	491.2	517.2	542.8	565.1	591.4	611.5
35°	398.0	422.6	449.3	480.0	512.2	547.7	583.3	624.4	659.8	698.7	732.7
32.5°	422.0	451.3	486.3	526.9	568.2	622.1	672.5	737.9	794.5	856.3	918.5
30°	446.6	485.0	530.2	581.3	647.0	721.1	803.6	901.0	1001.4	1098.6	1215.8
27.5°	477.2	523.5	578.2	652.9	749.5	849.7	991.7	1137.9	1322.5	1475.1	1690.3
25°	509.0	563.4	641.2	742.7	868.9	1042.7	1258.3	1491.9	1816.6	2101.8	2436.4
22.5°	543.5	617.0	713.8	839.2	1030.5	1297.3	1623.6	2063.4	2542.3	3050.8	3556.6
20°	579.5	668.4	795.3	977.0	1239.5	1600.8	2161.1	2840.0	3524.2	4363.2	5106.1
17.5°	621.2	734.4	890.8	1118.0	1468.2	2021.8	2799.0	3746.8	4808.3	6014.5	7085.5
15°	655.9	790.9	988.3	1306.1	1787.9	2498.8	3478.9	4782.8	6377.9	7997.9	9641.5
12.5°	696.2	852.4	1084.2	1463.2	2068.2	3013.0	4347.2	5997.6	7989.6	10236.7	12885.7
10°	732.0	912.8	1200.9	1670.1	2409.5	3549.3	5168.5	7154.0	9724.8	12957.8	17060.0
7.5°	758.5	960.8	1291.0	1827.5	2704.5	4065.0	5944.5	8420.4	11687.0	15956.2	21586.1
5°	775.8	995.5	1354.8	1949.0	2935.4	4448.7	6513.3	9318.6	13259.5	19297.6	28831.2
2.5°	786.1	1016.1	1391.2	2020.2	3075.8	4703.0	6946.0	9997.8	14278.6	21362.6	33491.0
0°	790.7	1021.9	1412.9	2058.0	3122.8	4801.2	7144.7	10307.4	14734.6	21845.0	34310.3
-2.5°	786.1	1016.1	1391.2	2020.2	3075.8	4703.0	6946.0	9997.8	14278.6	21362.6	33491.0
-5°	775.8	995.5	1354.8	1949.0	2935.4	4448.7	6513.3	9318.6	13259.5	19297.6	28831.2
-7.5°	758.5	960.8	1291.0	1827.5	2704.5	4065.0	5944.5	8420.4	11687.0	15956.2	21586.1
-10°	732.0	912.8	1200.9	1670.1	2409.5	3549.3	5168.5	7154.0	9724.8	12957.8	17060.0
-12.5°	696.2	852.4	1084.2	1463.2	2068.2	3013.0	4347.2	5997.6	7989.6	10236.7	12885.7
-15°	655.9	790.9	988.3	1306.1	1787.9	2498.8	3478.9	4782.8	6377.9	7997.9	9641.5
-17.5°	621.2	734.4	890.8	1118.0	1468.2	2021.8	2799.0	3746.8	4808.3	6014.5	7085.5
-20°	579.5	668.4	795.3	977.0	1239.5	1600.8	2161.1	2840.0	3524.2	4363.2	5106.1



REPORT NUMBER: P627099 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA3B-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°	543.5	617.0	713.8	839.2	1030.5	1297.3	1623.6	2063.4	2542.3	3050.8	3556.6
-25°	509.0	563.4	641.2	742.7	868.9	1042.7	1258.3	1491.9	1816.6	2101.8	2436.4
-27.5°	477.2	523.5	578.2	652.9	749.5	849.7	991.7	1137.9	1322.5	1475.1	1690.3
-30°	446.6	485.0	530.2	581.3	647.0	721.1	803.6	901.0	1001.4	1098.6	1215.8
-32.5°	422.0	451.3	486.3	526.9	568.2	622.1	672.5	737.9	794.5	856.3	918.5
-35°	398.0	422.6	449.3	480.0	512.2	547.7	583.3	624.4	659.8	698.7	732.7
-37.5°	377.8	396.2	417.9	440.6	466.4	491.2	517.2	542.8	565.1	591.4	611.5
-40°	359.4	374.2	390.7	407.7	427.7	445.7	465.7	482.8	498.3	514.6	527.6
-42.5°	342.3	355.2	367.8	381.7	395.2	408.9	423.7	436.9	447.2	456.8	464.6
-45°	326.3	337.6	348.1	359.2	369.2	379.7	389.5	397.9	406.5	413.1	417.5
-47.5°	311.8	321.7	331.3	339.9	347.2	355.3	362.5	368.6	374.6	379.4	382.8
-50°	297.5	306.7	315.4	323.3	329.4	335.0	339.9	344.2	348.3	351.5	353.9
-52.5°	282.9	291.5	299.6	306.8	312.8	317.8	321.8	325.4	328.1	330.0	330.8
-55°	269.1	276.9	283.9	290.6	296.7	301.9	305.9	308.8	311.3	313.3	313.9
-57.5°	253.7	262.2	269.7	274.7	280.1	285.9	289.6	291.8	293.8	295.6	296.4
-60°	236.1	244.5	250.9	255.9	260.9	265.8	269.0	271.6	273.6	275.1	276.0
-62.5°	215.4	222.0	227.7	233.1	238.2	242.4	245.1	247.4	249.5	251.2	252.5
-65°	191.5	198.5	203.0	207.0	210.6	214.3	218.1	221.0	222.8	224.0	224.8
-67.5°	166.7	173.5	178.2	181.8	184.7	187.6	191.1	194.1	196.6	198.3	199.2
-70°	142.5	148.4	153.0	157.1	160.4	163.2	165.8	168.1	170.0	171.3	172.3
-72.5°	118.6	124.6	129.4	133.4	136.9	139.6	141.8	143.6	145.2	145.8	145.9
-75°	94.4	99.3	104.7	109.4	113.5	116.0	117.7	119.2	120.4	120.7	120.6
-77.5°	73.6	77.4	81.3	85.2	89.0	91.2	92.7	94.0	95.1	95.3	95.1
-80°	54.7	57.2	59.6	62.0	64.4	65.9	66.9	67.7	68.3	68.5	68.6
-82.5°	37.6	39.1	40.4	41.7	42.9	43.9	44.9	45.7	46.4	46.4	46.2
-85°	22.3	23.1	23.9	24.6	25.3	25.9	26.4	26.9	27.3	27.0	26.6
-87.5°	9.3	9.6	9.9	10.1	10.3	10.5	10.7	10.9	11.0	10.4	9.9
-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: P627099 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA3B-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°	9.2	8.6	8.6	8.6	8.6	8.6	9.2	9.9	10.4	11.0	10.9
85°	26.1	25.6	25.7	25.7	25.7	25.6	26.1	26.6	27.0	27.3	26.9
82.5°	45.9	45.5	45.6	45.7	45.6	45.5	45.9	46.2	46.4	46.4	45.7
80°	68.5	68.2	67.0	65.7	67.0	68.2	68.5	68.6	68.5	68.3	67.7
77.5°	94.6	93.8	92.7	91.3	92.7	93.8	94.6	95.1	95.3	95.1	94.0
75°	120.1	119.4	119.7	119.9	119.7	119.4	120.1	120.6	120.7	120.4	119.2
72.5°	145.6	145.0	145.4	145.6	145.4	145.0	145.6	145.9	145.8	145.2	143.6
70°	173.0	173.3	172.6	171.3	172.6	173.3	173.0	172.3	171.3	170.0	168.1
67.5°	199.4	199.1	198.3	197.0	198.3	199.1	199.4	199.2	198.3	196.6	194.1
65°	225.0	224.7	225.2	225.5	225.2	224.7	225.0	224.8	224.0	222.8	221.0
62.5°	253.1	253.1	252.5	251.2	252.5	253.1	253.1	252.5	251.2	249.5	247.4
60°	276.4	276.2	275.4	274.0	275.4	276.2	276.4	276.0	275.1	273.6	271.6
57.5°	296.6	296.3	295.4	294.0	295.4	296.3	296.6	296.4	295.6	293.8	291.8
55°	314.0	313.6	312.6	311.1	312.6	313.6	314.0	313.9	313.3	311.3	308.8
52.5°	331.1	330.7	330.8	331.1	330.8	330.7	331.1	330.8	330.0	328.1	325.4
50°	355.3	355.8	355.4	354.0	355.4	355.8	355.3	353.9	351.5	348.3	344.2
47.5°	384.3	384.5	383.8	382.5	383.8	384.5	384.3	382.8	379.4	374.6	368.6
45°	421.0	423.0	423.6	422.5	423.6	423.0	421.0	417.5	413.1	406.5	397.9
42.5°	470.6	473.8	474.7	473.8	474.7	473.8	470.6	464.6	456.8	447.2	436.9
40°	535.6	539.3	540.0	539.5	540.0	539.3	535.6	527.6	514.6	498.3	482.8
37.5°	625.7	634.6	638.9	639.4	638.9	634.6	625.7	611.5	591.4	565.1	542.8
35°	758.5	776.5	786.1	790.7	786.1	776.5	758.5	732.7	698.7	659.8	624.4
32.5°	965.7	1001.6	1021.5	1019.0	1021.5	1001.6	965.7	918.5	856.3	794.5	737.9
30°	1304.1	1366.8	1398.4	1390.1	1398.4	1366.8	1304.1	1215.8	1098.6	1001.4	901.0
27.5°	1844.8	1958.3	2023.9	2015.2	2023.9	1958.3	1844.8	1690.3	1475.1	1322.5	1137.9
25°	2716.1	2923.1	3055.7	3022.8	3055.7	2923.1	2716.1	2436.4	2101.8	1816.6	1491.9
22.5°	4041.4	4392.2	4624.3	4595.6	4624.3	4392.2	4041.4	3556.6	3050.8	2542.3	2063.4
20°	5859.4	6393.2	6774.5	6825.0	6774.5	6393.2	5859.4	5106.1	4363.2	3524.2	2840.0
17.5°	8242.4	9088.9	9678.1	9776.4	9678.1	9088.9	8242.4	7085.5	6014.5	4808.3	3746.8
15°	11339.5	12723.0	13724.3	13806.9	13724.3	12723.0	11339.5	9641.5	7997.9	6377.9	4782.8
12.5°	15544.9	18327.5	20143.5	20943.0	20143.5	18327.5	15544.9	12885.7	10236.7	7989.6	5997.6
10°	21364.9	27756.3	31849.5	33388.3	31849.5	27756.3	21364.9	17060.0	12957.8	9724.8	7154.0
7.5°	31086.0	41120.8	52276.9	57031.6	52276.9	41120.8	31086.0	21586.1	15956.2	11687.0	8420.4
5°	42094.5	62920.7	82730.1	90465.6	82730.1	62920.7	42094.5	28831.2	19297.6	13259.5	9318.6
2.5°	53678.3	82706.9	109909.0	120547.1	109909.0	82706.9	53678.3	33491.0	21362.6	14278.6	9997.8
0°	58202.0	91370.5	121299.2	133227.9	121299.2	91370.5	58202.0	34310.3	21845.0	14734.6	10307.4
-2.5°	53678.3	82706.9	109909.0	120547.1	109909.0	82706.9	53678.3	33491.0	21362.6	14278.6	9997.8
-5°	42094.5	62920.7	82730.1	90465.6	82730.1	62920.7	42094.5	28831.2	19297.6	13259.5	9318.6
-7.5°	31086.0	41120.8	52276.9	57031.6	52276.9	41120.8	31086.0	21586.1	15956.2	11687.0	8420.4
-10°	21364.9	27756.3	31849.5	33388.3	31849.5	27756.3	21364.9	17060.0	12957.8	9724.8	7154.0
-12.5°	15544.9	18327.5	20143.5	20943.0	20143.5	18327.5	15544.9	12885.7	10236.7	7989.6	5997.6
-15°	11339.5	12723.0	13724.3	13806.9	13724.3	12723.0	11339.5	9641.5	7997.9	6377.9	4782.8
-17.5°	8242.4	9088.9	9678.1	9776.4	9678.1	9088.9	8242.4	7085.5	6014.5	4808.3	3746.8
-20°	5859.4	6393.2	6774.5	6825.0	6774.5	6393.2	5859.4	5106.1	4363.2	3524.2	2840.0



REPORT NUMBER: P627099 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA3B-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°	4041.4	4392.2	4624.3	4595.6	4624.3	4392.2	4041.4	3556.6	3050.8	2542.3	2063.4
-25°	2716.1	2923.1	3055.7	3022.8	3055.7	2923.1	2716.1	2436.4	2101.8	1816.6	1491.9
-27.5°	1844.8	1958.3	2023.9	2015.2	2023.9	1958.3	1844.8	1690.3	1475.1	1322.5	1137.9
-30°	1304.1	1366.8	1398.4	1390.1	1398.4	1366.8	1304.1	1215.8	1098.6	1001.4	901.0
-32.5°	965.7	1001.6	1021.5	1019.0	1021.5	1001.6	965.7	918.5	856.3	794.5	737.9
-35°	758.5	776.5	786.1	790.7	786.1	776.5	758.5	732.7	698.7	659.8	624.4
-37.5°	625.7	634.6	638.9	639.4	638.9	634.6	625.7	611.5	591.4	565.1	542.8
-40°	535.6	539.3	540.0	539.5	540.0	539.3	535.6	527.6	514.6	498.3	482.8
-42.5°	470.6	473.8	474.7	473.8	474.7	473.8	470.6	464.6	456.8	447.2	436.9
-45°	421.0	423.0	423.6	422.5	423.6	423.0	421.0	417.5	413.1	406.5	397.9
-47.5°	384.3	384.5	383.8	382.5	383.8	384.5	384.3	382.8	379.4	374.6	368.6
-50°	355.3	355.8	355.4	354.0	355.4	355.8	355.3	353.9	351.5	348.3	344.2
-52.5°	331.1	330.7	330.8	331.1	330.8	330.7	331.1	330.8	330.0	328.1	325.4
-55°	314.0	313.6	312.6	311.1	312.6	313.6	314.0	313.9	313.3	311.3	308.8
-57.5°	296.6	296.3	295.4	294.0	295.4	296.3	296.6	296.4	295.6	293.8	291.8
-60°	276.4	276.2	275.4	274.0	275.4	276.2	276.4	276.0	275.1	273.6	271.6
-62.5°	253.1	253.1	252.5	251.2	252.5	253.1	253.1	252.5	251.2	249.5	247.4
-65°	225.0	224.7	225.2	225.5	225.2	224.7	225.0	224.8	224.0	222.8	221.0
-67.5°	199.4	199.1	198.3	197.0	198.3	199.1	199.4	199.2	198.3	196.6	194.1
-70°	173.0	173.3	172.6	171.3	172.6	173.3	173.0	172.3	171.3	170.0	168.1
-72.5°	145.6	145.0	145.4	145.6	145.4	145.0	145.6	145.9	145.8	145.2	143.6
-75°	120.1	119.4	119.7	119.9	119.7	119.4	120.1	120.6	120.7	120.4	119.2
-77.5°	94.6	93.8	92.7	91.3	92.7	93.8	94.6	95.1	95.3	95.1	94.0
-80°	68.5	68.2	67.0	65.7	67.0	68.2	68.5	68.6	68.5	68.3	67.7
-82.5°	45.9	45.5	45.6	45.7	45.6	45.5	45.9	46.2	46.4	46.4	45.7
-85°	26.1	25.6	25.7	25.7	25.7	25.6	26.1	26.6	27.0	27.3	26.9
-87.5°	9.2	8.6	8.6	8.6	8.6	8.6	9.2	9.9	10.4	11.0	10.9
-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: P627099 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA3B-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°	10.7	10.5	10.3	10.1	9.9	9.6	9.3	9.0	8.7	8.4	8.1
85°	26.4	25.9	25.3	24.6	23.9	23.1	22.3	21.0	19.7	18.5	17.3
82.5°	44.9	43.9	42.9	41.7	40.4	39.1	37.6	35.6	33.4	31.0	28.5
80°	66.9	65.9	64.4	62.0	59.6	57.2	54.7	52.3	49.8	47.2	44.4
77.5°	92.7	91.2	89.0	85.2	81.3	77.4	73.6	70.4	67.2	63.9	60.4
75°	117.7	116.0	113.5	109.4	104.7	99.3	94.4	90.4	86.2	81.7	77.0
72.5°	141.8	139.6	136.9	133.4	129.4	124.6	118.6	112.3	106.2	100.3	94.8
70°	165.8	163.2	160.4	157.1	153.0	148.4	142.5	135.2	127.0	119.0	113.0
67.5°	191.1	187.6	184.7	181.8	178.2	173.5	166.7	159.2	151.1	141.8	133.2
65°	218.1	214.3	210.6	207.0	203.0	198.5	191.5	183.2	174.5	165.2	155.5
62.5°	245.1	242.4	238.2	233.1	227.7	222.0	215.4	207.4	197.9	187.2	176.6
60°	269.0	265.8	260.9	255.9	250.9	244.5	236.1	228.6	222.3	210.1	197.4
57.5°	289.6	285.9	280.1	274.7	269.7	262.2	253.7	245.3	237.0	228.6	217.7
55°	305.9	301.9	296.7	290.6	283.9	276.9	269.1	260.1	251.4	243.7	233.6
52.5°	321.8	317.8	312.8	306.8	299.6	291.5	282.9	274.0	265.8	257.9	248.8
50°	339.9	335.0	329.4	323.3	315.4	306.7	297.5	287.9	279.5	271.4	262.8
47.5°	362.5	355.3	347.2	339.9	331.3	321.7	311.8	302.2	293.0	283.4	274.8
45°	389.5	379.7	369.2	359.2	348.1	337.6	326.3	316.2	306.3	296.0	285.3
42.5°	423.7	408.9	395.2	381.7	367.8	355.2	342.3	330.6	319.4	308.4	296.9
40°	465.7	445.7	427.7	407.7	390.7	374.2	359.4	344.8	332.4	320.5	307.8
37.5°	517.2	491.2	466.4	440.6	417.9	396.2	377.8	360.9	344.8	331.8	318.4
35°	583.3	547.7	512.2	480.0	449.3	422.6	398.0	377.8	359.4	342.6	328.6
32.5°	672.5	622.1	568.2	526.9	486.3	451.3	422.0	396.2	374.2	355.2	338.3
30°	803.6	721.1	647.0	581.3	530.2	485.0	446.6	416.8	390.7	367.8	348.1
27.5°	991.7	849.7	749.5	652.9	578.2	523.5	477.2	438.0	407.3	381.7	359.0
25°	1258.3	1042.7	868.9	742.7	641.2	563.4	509.0	463.6	425.9	395.1	367.8
22.5°	1623.6	1297.3	1030.5	839.2	713.8	617.0	543.5	488.8	443.0	406.8	377.2
20°	2161.1	1600.8	1239.5	977.0	795.3	668.4	579.5	515.1	462.1	418.9	385.3
17.5°	2799.0	2021.8	1468.2	1118.0	890.8	734.4	621.2	539.3	479.6	429.5	392.0
15°	3478.9	2498.8	1787.9	1306.1	988.3	790.9	655.9	560.7	496.1	441.2	400.2
12.5°	4347.2	3013.0	2068.2	1463.2	1084.2	852.4	696.2	587.9	512.5	453.8	408.8
10°	5168.5	3549.3	2409.5	1670.1	1200.9	912.8	732.0	608.8	525.1	463.9	415.8
7.5°	5944.5	4065.0	2704.5	1827.5	1291.0	960.8	758.5	623.9	534.1	470.9	421.1
5°	6513.3	4448.7	2935.4	1949.0	1354.8	995.5	775.8	633.3	539.4	475.0	424.7
2.5°	6946.0	4703.0	3075.8	2020.2	1391.2	1016.1	786.1	640.5	544.6	478.3	428.7
0°	7144.7	4801.2	3122.8	2058.0	1412.9	1021.9	790.7	645.1	548.1	479.5	431.0
-2.5°	6946.0	4703.0	3075.8	2020.2	1391.2	1016.1	786.1	640.5	544.6	478.3	428.7
-5°	6513.3	4448.7	2935.4	1949.0	1354.8	995.5	775.8	633.3	539.4	475.0	424.7
-7.5°	5944.5	4065.0	2704.5	1827.5	1291.0	960.8	758.5	623.9	534.1	470.9	421.1
-10°	5168.5	3549.3	2409.5	1670.1	1200.9	912.8	732.0	608.8	525.1	463.9	415.8
-12.5°	4347.2	3013.0	2068.2	1463.2	1084.2	852.4	696.2	587.9	512.5	453.8	408.8
-15°	3478.9	2498.8	1787.9	1306.1	988.3	790.9	655.9	560.7	496.1	441.2	400.2
-17.5°	2799.0	2021.8	1468.2	1118.0	890.8	734.4	621.2	539.3	479.6	429.5	392.0
-20°	2161.1	1600.8	1239.5	977.0	795.3	668.4	579.5	515.1	462.1	418.9	385.3

Classified

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

Scaled Data Report



REPORT NUMBER: P627099 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA3B-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°	1623.6	1297.3	1030.5	839.2	713.8	617.0	543.5	488.8	443.0	406.8	377.2
-25°	1258.3	1042.7	868.9	742.7	641.2	563.4	509.0	463.6	425.9	395.1	367.8
-27.5°	991.7	849.7	749.5	652.9	578.2	523.5	477.2	438.0	407.3	381.7	359.0
-30°	803.6	721.1	647.0	581.3	530.2	485.0	446.6	416.8	390.7	367.8	348.1
-32.5°	672.5	622.1	568.2	526.9	486.3	451.3	422.0	396.2	374.2	355.2	338.3
-35°	583.3	547.7	512.2	480.0	449.3	422.6	398.0	377.8	359.4	342.6	328.6
-37.5°	517.2	491.2	466.4	440.6	417.9	396.2	377.8	360.9	344.8	331.8	318.4
-40°	465.7	445.7	427.7	407.7	390.7	374.2	359.4	344.8	332.4	320.5	307.8
-42.5°	423.7	408.9	395.2	381.7	367.8	355.2	342.3	330.6	319.4	308.4	296.9
-45°	389.5	379.7	369.2	359.2	348.1	337.6	326.3	316.2	306.3	296.0	285.3
-47.5°	362.5	355.3	347.2	339.9	331.3	321.7	311.8	302.2	293.0	283.4	274.8
-50°	339.9	335.0	329.4	323.3	315.4	306.7	297.5	287.9	279.5	271.4	262.8
-52.5°	321.8	317.8	312.8	306.8	299.6	291.5	282.9	274.0	265.8	257.9	248.8
-55°	305.9	301.9	296.7	290.6	283.9	276.9	269.1	260.1	251.4	243.7	233.6
-57.5°	289.6	285.9	280.1	274.7	269.7	262.2	253.7	245.3	237.0	228.6	217.7
-60°	269.0	265.8	260.9	255.9	250.9	244.5	236.1	228.6	222.3	210.1	197.4
-62.5°	245.1	242.4	238.2	233.1	227.7	222.0	215.4	207.4	197.9	187.2	176.6
-65°	218.1	214.3	210.6	207.0	203.0	198.5	191.5	183.2	174.5	165.2	155.5
-67.5°	191.1	187.6	184.7	181.8	178.2	173.5	166.7	159.2	151.1	141.8	133.2
-70°	165.8	163.2	160.4	157.1	153.0	148.4	142.5	135.2	127.0	119.0	113.0
-72.5°	141.8	139.6	136.9	133.4	129.4	124.6	118.6	112.3	106.2	100.3	94.8
-75°	117.7	116.0	113.5	109.4	104.7	99.3	94.4	90.4	86.2	81.7	77.0
-77.5°	92.7	91.2	89.0	85.2	81.3	77.4	73.6	70.4	67.2	63.9	60.4
-80°	66.9	65.9	64.4	62.0	59.6	57.2	54.7	52.3	49.8	47.2	44.4
-82.5°	44.9	43.9	42.9	41.7	40.4	39.1	37.6	35.6	33.4	31.0	28.5
-85°	26.4	25.9	25.3	24.6	23.9	23.1	22.3	21.0	19.7	18.5	17.3
-87.5°	10.7	10.5	10.3	10.1	9.9	9.6	9.3	9.0	8.7	8.4	8.1
-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: P627099 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA3B-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°	7.7	7.3	6.9	6.5	6.1	5.7	5.3	4.8	4.4	3.9	3.4
85°	16.7	15.9	15.0	13.9	12.7	11.4	10.5	9.6	8.7	7.8	6.8
82.5°	27.0	26.0	25.0	23.7	21.8	19.9	17.9	15.9	13.9	11.8	10.3
80°	41.8	39.2	36.7	34.2	31.3	28.4	25.8	23.1	20.4	17.6	14.8
77.5°	56.8	53.1	49.2	45.6	41.9	38.2	34.4	30.5	26.8	23.3	19.8
75°	72.1	67.5	62.8	58.0	53.0	48.0	43.4	38.7	34.0	29.1	24.8
72.5°	89.1	83.2	77.0	70.8	65.0	59.0	52.9	46.9	41.4	35.7	30.0
70°	106.7	99.5	92.1	85.1	77.7	70.0	63.0	55.9	48.7	42.2	35.7
67.5°	125.2	117.8	109.2	99.9	91.5	82.8	73.4	65.1	56.9	48.7	41.4
65°	145.6	136.2	127.3	116.5	106.0	95.8	85.6	74.6	65.1	55.9	46.9
62.5°	165.5	154.2	143.4	132.4	120.8	109.2	97.7	85.3	73.3	63.0	52.9
60°	185.2	172.7	159.3	146.7	134.7	122.4	109.3	95.7	82.5	70.0	59.0
57.5°	203.8	190.7	175.6	160.9	147.4	134.5	120.5	105.8	91.5	77.6	64.9
55°	221.2	206.6	190.9	174.9	159.7	145.6	131.1	115.5	100.1	85.1	70.6
52.5°	237.3	222.0	205.2	188.3	171.7	156.3	141.0	124.7	108.3	92.4	76.8
50°	252.2	237.2	219.4	201.2	183.0	166.8	150.7	133.7	116.2	99.3	82.8
47.5°	265.1	250.9	233.7	214.0	194.6	177.1	160.2	142.4	123.7	105.9	88.5
45°	275.6	263.6	247.1	227.3	206.4	187.9	169.6	151.0	131.4	112.3	94.1
42.5°	285.4	274.2	259.3	240.2	218.6	198.5	178.7	159.3	138.8	118.3	99.4
40°	295.4	283.5	270.6	251.4	229.9	208.6	188.0	167.4	146.1	124.3	104.5
37.5°	304.7	292.4	279.3	261.8	240.2	218.2	196.8	175.2	152.8	130.3	109.3
35°	314.2	300.4	286.9	270.0	249.1	226.9	205.3	182.7	159.1	135.9	113.8
32.5°	323.3	307.8	293.2	276.7	257.2	234.7	212.8	189.3	165.1	141.0	118.0
30°	331.5	314.7	299.3	283.2	264.1	241.6	219.1	195.2	170.6	145.7	122.0
27.5°	338.2	320.4	305.1	288.7	269.6	247.7	224.7	200.6	175.6	150.0	125.8
25°	344.7	325.7	309.7	293.8	274.8	253.9	229.9	205.3	180.1	154.1	129.2
22.5°	352.0	330.7	313.3	298.6	280.1	259.9	234.8	209.4	184.0	157.8	132.3
20°	358.5	334.9	316.0	302.4	284.3	264.3	239.5	213.2	187.3	161.0	134.9
17.5°	364.2	339.5	319.6	304.6	287.6	268.2	243.8	216.4	190.1	163.8	137.2
15°	370.1	344.3	322.8	306.4	290.3	271.3	247.7	219.3	192.4	166.2	139.2
12.5°	375.4	348.2	325.3	307.8	292.3	273.9	251.2	221.7	194.1	168.3	141.1
10°	379.8	351.2	327.3	308.8	293.8	275.9	254.1	223.9	196.0	169.8	142.7
7.5°	383.2	353.3	328.5	309.3	294.8	277.5	256.7	226.6	197.6	170.9	143.9
5°	385.7	355.0	330.4	311.1	295.9	278.7	258.4	228.7	198.8	171.5	144.8
2.5°	387.6	356.4	332.6	312.7	296.7	279.4	259.5	230.2	199.5	171.6	145.4
0°	388.2	356.8	334.0	314.0	296.9	279.7	259.8	231.2	199.8	171.3	145.6
-2.5°	387.6	356.4	332.6	312.7	296.7	279.4	259.5	230.2	199.5	171.6	145.4
-5°	385.7	355.0	330.4	311.1	295.9	278.7	258.4	228.7	198.8	171.5	144.8
-7.5°	383.2	353.3	328.5	309.3	294.8	277.5	256.7	226.6	197.6	170.9	143.9
-10°	379.8	351.2	327.3	308.8	293.8	275.9	254.1	223.9	196.0	169.8	142.7
-12.5°	375.4	348.2	325.3	307.8	292.3	273.9	251.2	221.7	194.1	168.3	141.1
-15°	370.1	344.3	322.8	306.4	290.3	271.3	247.7	219.3	192.4	166.2	139.2
-17.5°	364.2	339.5	319.6	304.6	287.6	268.2	243.8	216.4	190.1	163.8	137.2
-20°	358.5	334.9	316.0	302.4	284.3	264.3	239.5	213.2	187.3	161.0	134.9

Classified

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

Scaled Data Report



REPORT NUMBER: P627099 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA3B-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°	352.0	330.7	313.3	298.6	280.1	259.9	234.8	209.4	184.0	157.8	132.3
-25°	344.7	325.7	309.7	293.8	274.8	253.9	229.9	205.3	180.1	154.1	129.2
-27.5°	338.2	320.4	305.1	288.7	269.6	247.7	224.7	200.6	175.6	150.0	125.8
-30°	331.5	314.7	299.3	283.2	264.1	241.6	219.1	195.2	170.6	145.7	122.0
-32.5°	323.3	307.8	293.2	276.7	257.2	234.7	212.8	189.3	165.1	141.0	118.0
-35°	314.2	300.4	286.9	270.0	249.1	226.9	205.3	182.7	159.1	135.9	113.8
-37.5°	304.7	292.4	279.3	261.8	240.2	218.2	196.8	175.2	152.8	130.3	109.3
-40°	295.4	283.5	270.6	251.4	229.9	208.6	188.0	167.4	146.1	124.3	104.5
-42.5°	285.4	274.2	259.3	240.2	218.6	198.5	178.7	159.3	138.8	118.3	99.4
-45°	275.6	263.6	247.1	227.3	206.4	187.9	169.6	151.0	131.4	112.3	94.1
-47.5°	265.1	250.9	233.7	214.0	194.6	177.1	160.2	142.4	123.7	105.9	88.5
-50°	252.2	237.2	219.4	201.2	183.0	166.8	150.7	133.7	116.2	99.3	82.8
-52.5°	237.3	222.0	205.2	188.3	171.7	156.3	141.0	124.7	108.3	92.4	76.8
-55°	221.2	206.6	190.9	174.9	159.7	145.6	131.1	115.5	100.1	85.1	70.6
-57.5°	203.8	190.7	175.6	160.9	147.4	134.5	120.5	105.8	91.5	77.6	64.9
-60°	185.2	172.7	159.3	146.7	134.7	122.4	109.3	95.7	82.5	70.0	59.0
-62.5°	165.5	154.2	143.4	132.4	120.8	109.2	97.7	85.3	73.3	63.0	52.9
-65°	145.6	136.2	127.3	116.5	106.0	95.8	85.6	74.6	65.1	55.9	46.9
-67.5°	125.2	117.8	109.2	99.9	91.5	82.8	73.4	65.1	56.9	48.7	41.4
-70°	106.7	99.5	92.1	85.1	77.7	70.0	63.0	55.9	48.7	42.2	35.7
-72.5°	89.1	83.2	77.0	70.8	65.0	59.0	52.9	46.9	41.4	35.7	30.0
-75°	72.1	67.5	62.8	58.0	53.0	48.0	43.4	38.7	34.0	29.1	24.8
-77.5°	56.8	53.1	49.2	45.6	41.9	38.2	34.4	30.5	26.8	23.3	19.8
-80°	41.8	39.2	36.7	34.2	31.3	28.4	25.8	23.1	20.4	17.6	14.8
-82.5°	27.0	26.0	25.0	23.7	21.8	19.9	17.9	15.9	13.9	11.8	10.3
-85°	16.7	15.9	15.0	13.9	12.7	11.4	10.5	9.6	8.7	7.8	6.8
-87.5°	7.7	7.3	6.9	6.5	6.1	5.7	5.3	4.8	4.4	3.9	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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REPORT NUMBER: P627099 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA3B-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°	2.9	2.5	2.0	1.5	1.0	0.4	0.0
85°	5.9	4.9	4.0	3.0	2.0	0.9	0.0
82.5°	8.8	7.4	5.9	4.5	3.0	1.3	0.0
80°	11.9	9.8	7.9	5.9	3.9	1.7	0.0
77.5°	16.2	12.6	9.8	7.4	4.9	2.2	0.0
75°	20.5	16.0	11.9	8.8	5.8	2.6	0.0
72.5°	24.7	19.4	14.5	10.3	6.8	3.0	0.0
70°	28.9	22.7	17.0	11.7	7.7	3.4	0.0
67.5°	33.7	25.9	19.5	13.6	8.6	3.8	0.0
65°	38.4	29.5	22.0	15.3	9.4	4.2	0.0
62.5°	43.0	33.3	24.3	17.0	10.2	4.5	0.0
60°	47.4	37.0	26.6	18.7	11.0	4.9	0.0
57.5°	52.4	40.7	29.5	20.3	12.0	5.3	0.0
55°	57.3	44.2	32.3	21.9	13.1	5.6	0.0
52.5°	62.0	47.7	35.1	23.4	14.0	5.9	0.0
50°	66.5	51.5	37.7	24.8	15.0	6.2	0.0
47.5°	71.0	55.2	40.3	26.3	15.9	6.5	0.0
45°	75.8	58.7	42.7	28.2	16.8	6.8	0.0
42.5°	80.3	62.1	45.0	29.9	17.7	7.0	0.0
40°	84.6	65.2	47.4	31.6	18.5	7.3	0.0
37.5°	88.7	68.3	49.8	33.3	19.3	7.5	0.0
35°	92.6	71.3	52.1	34.8	20.1	7.7	0.0
32.5°	96.2	74.3	54.2	36.3	20.8	7.9	0.0
30°	99.6	77.1	56.2	37.6	21.5	8.1	0.0
27.5°	102.7	79.7	58.1	38.9	22.1	8.2	0.0
25°	105.6	82.1	59.9	40.1	22.7	8.3	0.0
22.5°	108.2	84.2	61.5	41.1	23.3	8.4	0.0
20°	110.5	86.1	62.9	42.1	23.7	8.5	0.0
17.5°	112.4	87.6	64.2	42.9	24.2	8.6	0.0
15°	113.9	88.9	65.4	43.6	24.6	8.7	0.0
12.5°	115.2	90.0	66.3	44.3	24.9	8.7	0.0
10°	116.1	90.7	67.1	44.8	25.2	8.7	0.0
7.5°	116.8	91.2	67.7	45.2	25.4	8.7	0.0
5°	117.2	91.5	68.1	45.5	25.6	8.7	0.0
2.5°	117.2	91.5	68.4	45.6	25.7	8.7	0.0
0°	117.0	91.3	68.5	45.7	25.7	8.6	0.0
-2.5°	117.2	91.5	68.4	45.6	25.7	8.7	0.0
-5°	117.2	91.5	68.1	45.5	25.6	8.7	0.0
-7.5°	116.8	91.2	67.7	45.2	25.4	8.7	0.0
-10°	116.1	90.7	67.1	44.8	25.2	8.7	0.0
-12.5°	115.2	90.0	66.3	44.3	24.9	8.7	0.0
-15°	113.9	88.9	65.4	43.6	24.6	8.7	0.0
-17.5°	112.4	87.6	64.2	42.9	24.2	8.6	0.0
-20°	110.5	86.1	62.9	42.1	23.7	8.5	0.0

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CATALOG NUMBER: GFLD-SA3B-735-U-NR-XX

CANDELA DISTRIBUTION (continued):

	75°	77.5°	80°	82.5°	85°	87.5°	90°
-22.5°	108.2	84.2	61.5	41.1	23.3	8.4	0.0
-25°	105.6	82.1	59.9	40.1	22.7	8.3	0.0
-27.5°	102.7	79.7	58.1	38.9	22.1	8.2	0.0
-30°	99.6	77.1	56.2	37.6	21.5	8.1	0.0
-32.5°	96.2	74.3	54.2	36.3	20.8	7.9	0.0
-35°	92.6	71.3	52.1	34.8	20.1	7.7	0.0
-37.5°	88.7	68.3	49.8	33.3	19.3	7.5	0.0
-40°	84.6	65.2	47.4	31.6	18.5	7.3	0.0
-42.5°	80.3	62.1	45.0	29.9	17.7	7.0	0.0
-45°	75.8	58.7	42.7	28.2	16.8	6.8	0.0
-47.5°	71.0	55.2	40.3	26.3	15.9	6.5	0.0
-50°	66.5	51.5	37.7	24.8	15.0	6.2	0.0
-52.5°	62.0	47.7	35.1	23.4	14.0	5.9	0.0
-55°	57.3	44.2	32.3	21.9	13.1	5.6	0.0
-57.5°	52.4	40.7	29.5	20.3	12.0	5.3	0.0
-60°	47.4	37.0	26.6	18.7	11.0	4.9	0.0
-62.5°	43.0	33.3	24.3	17.0	10.2	4.5	0.0
-65°	38.4	29.5	22.0	15.3	9.4	4.2	0.0
-67.5°	33.7	25.9	19.5	13.6	8.6	3.8	0.0
-70°	28.9	22.7	17.0	11.7	7.7	3.4	0.0
-72.5°	24.7	19.4	14.5	10.3	6.8	3.0	0.0
-75°	20.5	16.0	11.9	8.8	5.8	2.6	0.0
-77.5°	16.2	12.6	9.8	7.4	4.9	2.2	0.0
-80°	11.9	9.8	7.9	5.9	3.9	1.7	0.0
-82.5°	8.8	7.4	5.9	4.5	3.0	1.3	0.0
-85°	5.9	4.9	4.0	3.0	2.0	0.9	0.0
-87.5°	2.9	2.5	2.0	1.5	1.0	0.4	0.0
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0

(END OF REPORT)