

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: P626735 (CONVERTED FROM TYPE C PHOTOMETRY)

Luminaire Tested: **GFLD-SA1D-735-U-MR-XX**

Issue Date: 12/7/2022

Test Information

Test Method: LM-79-08
Report Number: P626735 (CONVERTED FROM TYPE C PHOTOMETRY)
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G2-2210-813-13)
Test Lab: COOPER LIGHTING SOLUTIONS
Issue Date: 12/7/2022
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: MCGRAW-EDISON
Catalog Number: GFLD-SA1D-735-U-MR-XX
Description: GALLEON FLOOD, ONE LIGHT SQAURE, MEDIUM SYMMETRICAL ROUND N22
Light Source: (16) 3500K CCT, 70 CRI LEDS
Ballast/Driver: -

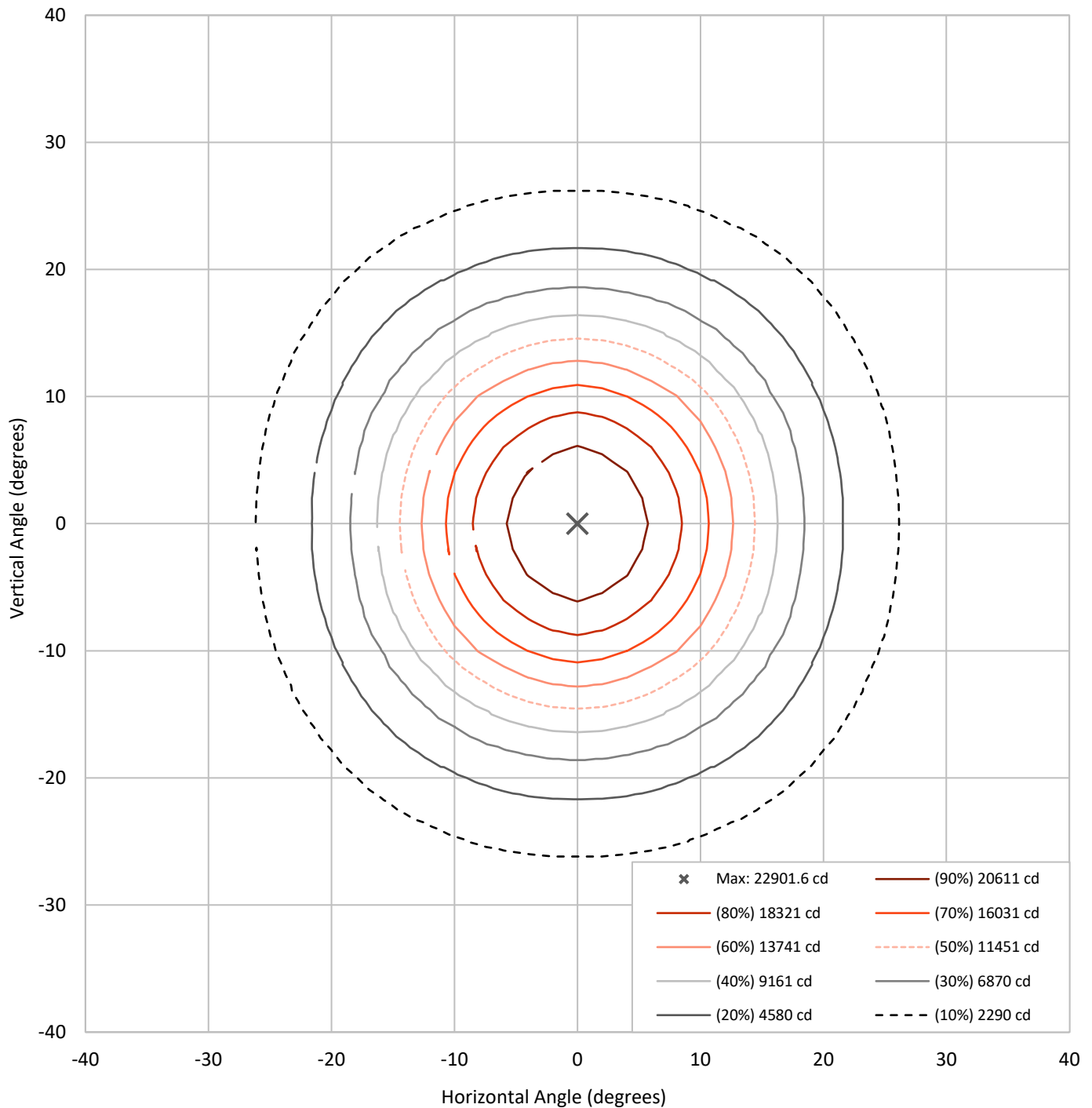
Summary

Lumens per Lamp:	N/A	NEMA Type:	4H x 4V
Luminaire Lumens:	7155.2 lumens	Max Intensity:	22901.6 candela
Efficiency:	N/A	Max Intensity Angle:	0°H x 0°V
Efficacy:	124.9 lumens/watt		
Luminous Opening:	Rectangular (W 0.5' x L: 0.5' x H: 0')		
Beam Angle (50%):	28.8°H x 29°V	Field Angle (10%):	52.3°H x 52.3°V
Beam Lumens:	3478.8 lumens	Field Lumens:	5870.8 lumens
Beam Efficiency:	48.6%	Field Efficiency:	82.0%
Input Watts (W):	57.3		
Input Voltage (V):	120		
Input Current (Ain):	NR		
Voltage Rise (V):	NR		
Power Factor:	NR		
Total Harmonic Distortion (THDi):	NR		
Frequency (hertz):	60		
Stabilization Time:	NR		
Operation Time:	NR		
Ambient Temperature (°C):	NR		
Test Distance:	25 FT		



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Iso-Candela Plot





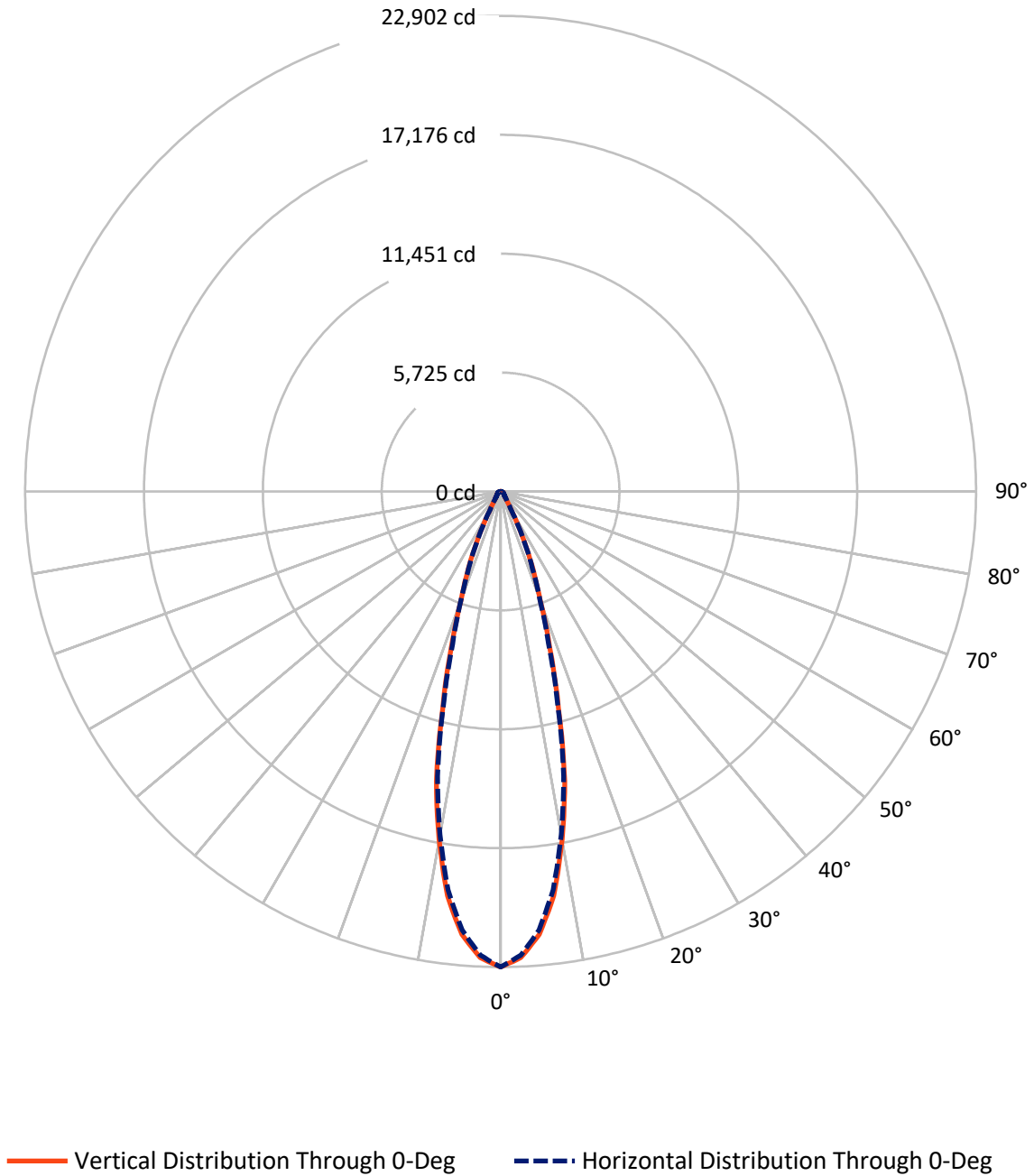
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Lumen Table

90	0.1	1.2	3.1	4.9	5.5	4.9	3.1	1.2	0.1							
80	0.1	1.2	3.1	4.9	5.5	4.9	3.1	1.2	0.1							
70	0.5	0.6	1.2	2.0	2.8	3.5	3.9	4.1	4.1	3.9	3.5	2.8	2.0	1.2	0.6	0.5
60		0.9	1.8	3.0	4.0	4.9	5.5	5.7	5.7	5.5	4.9	4.0	3.0	1.8	0.9	
50	0.9	1.2	2.4	3.7	4.9	6.2	7.3	7.8	7.8	7.3	6.2	4.9	3.7	2.4	1.2	0.9
40		1.4	2.8	4.3	6.0	8.6	12.4	16.1	16.1	12.4	8.6	6.0	4.3	2.8	1.4	
30	1.2	1.5	3.0	4.8	7.7	16.7	47.1	83.5	83.5	47.1	16.7	7.7	4.8	3.0	1.5	1.2
20		1.7	3.2	5.2	10.5	43.9	156.5	299.9	299.9	156.5	43.9	10.5	5.2	3.2	1.7	
10	1.3	1.7	3.2	5.5	13.3	75.8	289.7	569.9	569.9	289.7	75.8	13.3	5.5	3.2	1.7	1.3
0		1.7	3.2	5.5	13.3	75.8	289.7	569.9	569.9	289.7	75.8	13.3	5.5	3.2	1.7	
-10	1.2	1.7	3.2	5.2	10.5	43.9	156.5	299.9	299.9	156.5	43.9	10.5	5.2	3.2	1.7	1.2
-20		1.5	3.0	4.8	7.7	16.7	47.1	83.5	83.5	47.1	16.7	7.7	4.8	3.0	1.5	
-30	0.9	1.4	2.8	4.3	6.0	8.6	12.4	16.1	16.1	12.4	8.6	6.0	4.3	2.8	1.4	0.9
-40		1.2	2.4	3.7	4.9	6.2	7.3	7.8	7.8	7.3	6.2	4.9	3.7	2.4	1.2	
-50	0.5	0.9	1.8	3.0	4.0	4.9	5.5	5.7	5.7	5.5	4.9	4.0	3.0	1.8	0.9	0.5
-60		0.6	1.2	2.0	2.8	3.5	3.9	4.1	4.1	3.9	3.5	2.8	2.0	1.2	0.6	
-70	0.1	1.2	3.1	4.9	5.5	4.9	3.1	1.2	0.1							
-80		0.1	1.2	3.1	4.9	5.5	4.9	3.1	1.2	0.1						
-90	0.1	1.2	3.1	4.9	5.5	4.9	3.1	1.2	0.1							

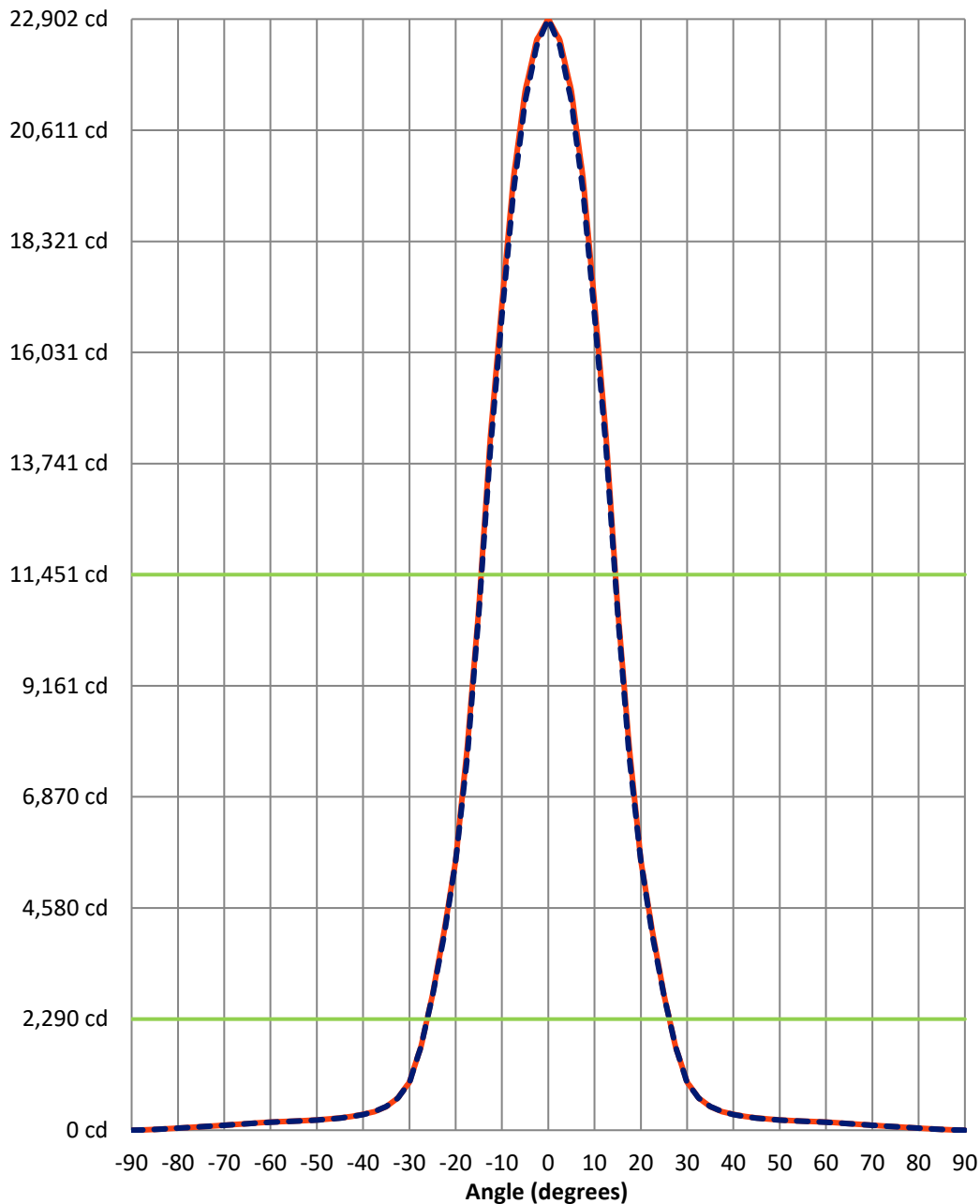
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Luminous Intensity Polar Plot



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Luminous Intensity Plot



Beam:
 H Angle: 28.8°
 V Angle: 29°
 Lumens: 3478.8
 Efficiency: 48.6%

Field:
 H Angle: 52.3°
 V Angle: 52.3°
 Lumens: 5870.8
 Efficiency: 82.0%

Spill:
 Lumens: 1284.5
 Efficiency: 18.0%

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

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FIELD
BEAM

CANDELA DISTRIBUTION:

	-90°	-87.5°	-85°	-82.5°	-80°	-77.5°	-75°	-72.5°	-70°	-67.5°	-65°
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
87.5°	0.0	0.3	0.5	0.8	1.0	1.3	1.5	1.8	2.0	2.3	2.5
85°	0.0	0.5	1.0	1.5	2.0	2.6	3.1	3.5	4.0	4.5	5.0
82.5°	0.0	0.8	1.5	2.3	3.1	3.8	4.6	5.3	6.2	7.5	9.0
80°	0.0	1.0	2.0	3.1	4.1	5.1	6.2	8.0	9.9	11.8	13.9
77.5°	0.0	1.3	2.6	3.8	5.1	6.7	8.8	11.1	13.5	16.1	18.8
75°	0.0	1.5	3.1	4.6	6.2	8.8	11.4	14.2	17.2	20.8	24.3
72.5°	0.0	1.8	3.5	5.3	7.9	11.0	14.0	17.4	21.6	25.7	29.7
70°	0.0	2.0	4.0	6.1	9.6	13.1	16.6	21.2	25.8	30.5	35.5
67.5°	0.0	2.3	4.5	7.4	11.3	15.2	19.8	24.9	30.1	35.7	41.3
65°	0.0	2.5	5.0	8.6	12.9	17.5	23.0	28.5	34.7	40.9	47.1
62.5°	0.0	2.7	5.4	9.8	14.5	20.1	26.0	32.3	39.2	46.0	53.1
60°	0.0	2.9	5.9	11.0	16.1	22.6	29.1	36.2	43.6	51.1	58.9
57.5°	0.0	3.2	6.7	12.2	18.1	25.1	32.2	40.0	47.9	56.2	64.7
55°	0.0	3.4	7.4	13.3	20.0	27.5	35.3	43.6	52.2	61.0	70.4
52.5°	0.0	3.6	8.1	14.4	21.8	29.8	38.3	47.2	56.3	66.0	75.9
50°	0.0	3.8	8.8	15.4	23.6	32.2	41.2	50.6	60.3	70.8	81.0
47.5°	0.0	4.0	9.5	16.5	25.4	34.4	43.9	53.9	64.4	75.5	85.9
45°	0.0	4.2	10.2	17.8	27.0	36.6	46.7	57.1	68.4	79.6	90.4
42.5°	0.0	4.3	10.8	19.0	28.6	38.6	49.3	60.3	72.1	83.4	94.6
40°	0.0	4.5	11.4	20.1	30.2	40.6	51.8	63.4	75.6	87.0	98.6
37.5°	0.0	4.7	11.9	21.1	31.6	42.4	54.1	66.3	78.6	90.5	102.4
35°	0.0	4.8	12.5	22.1	33.0	44.2	56.3	69.0	81.5	93.7	105.9
32.5°	0.0	5.0	13.0	23.0	34.3	45.9	58.4	71.5	84.2	96.8	109.3
30°	0.0	5.1	13.4	23.8	35.5	47.5	60.4	73.7	86.7	99.6	112.5
27.5°	0.0	5.2	13.9	24.6	36.5	49.0	62.2	75.7	89.0	102.2	115.4
25°	0.0	5.3	14.3	25.3	37.5	50.4	63.9	77.6	91.1	104.6	118.1
22.5°	0.0	5.5	14.6	25.9	38.4	51.6	65.3	79.2	93.0	106.7	120.8
20°	0.0	5.5	15.0	26.4	39.3	52.7	66.6	80.7	94.7	108.6	123.1
17.5°	0.0	5.6	15.2	26.9	40.0	53.6	67.8	81.9	96.1	110.3	125.2
15°	0.0	5.7	15.5	27.2	40.7	54.4	68.9	83.1	97.3	111.7	127.0
12.5°	0.0	5.8	15.7	27.5	41.3	55.0	69.8	84.2	98.5	112.8	128.4
10°	0.0	5.8	15.9	27.7	41.7	55.4	70.6	85.1	99.5	114.2	129.8
7.5°	0.0	5.8	16.0	27.9	42.1	55.8	71.2	85.8	100.4	115.4	131.3
5°	0.0	5.9	16.1	28.0	42.4	55.9	71.6	86.3	100.9	116.4	132.4
2.5°	0.0	5.9	16.2	28.0	42.5	56.0	71.9	86.6	101.3	117.1	133.3
0°	0.0	5.9	16.2	27.9	42.6	55.9	72.0	86.7	101.4	117.6	133.8
-2.5°	0.0	5.9	16.2	28.0	42.5	56.0	71.9	86.6	101.3	117.1	133.3
-5°	0.0	5.9	16.1	28.0	42.4	55.9	71.6	86.3	100.9	116.4	132.4
-7.5°	0.0	5.8	16.0	27.9	42.1	55.8	71.2	85.8	100.4	115.4	131.3
-10°	0.0	5.8	15.9	27.7	41.7	55.4	70.6	85.1	99.5	114.2	129.8
-12.5°	0.0	5.8	15.7	27.5	41.3	55.0	69.8	84.2	98.5	112.8	128.4
-15°	0.0	5.7	15.5	27.2	40.7	54.4	68.9	83.1	97.3	111.7	127.0
-17.5°	0.0	5.6	15.2	26.9	40.0	53.6	67.8	81.9	96.1	110.3	125.2
-20°	0.0	5.5	15.0	26.4	39.3	52.7	66.6	80.7	94.7	108.6	123.1

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CATALOG NUMBER: GFLD-SA1D-735-U-MR-XX

CANDELA DISTRIBUTION (continued):

	-90°	-87.5°	-85°	-82.5°	-80°	-77.5°	-75°	-72.5°	-70°	-67.5°	-65°
-22.5°	0.0	5.5	14.6	25.9	38.4	51.6	65.3	79.2	93.0	106.7	120.8
-25°	0.0	5.3	14.3	25.3	37.5	50.4	63.9	77.6	91.1	104.6	118.1
-27.5°	0.0	5.2	13.9	24.6	36.5	49.0	62.2	75.7	89.0	102.2	115.4
-30°	0.0	5.1	13.4	23.8	35.5	47.5	60.4	73.7	86.7	99.6	112.5
-32.5°	0.0	5.0	13.0	23.0	34.3	45.9	58.4	71.5	84.2	96.8	109.3
-35°	0.0	4.8	12.5	22.1	33.0	44.2	56.3	69.0	81.5	93.7	105.9
-37.5°	0.0	4.7	11.9	21.1	31.6	42.4	54.1	66.3	78.6	90.5	102.4
-40°	0.0	4.5	11.4	20.1	30.2	40.6	51.8	63.4	75.6	87.0	98.6
-42.5°	0.0	4.3	10.8	19.0	28.6	38.6	49.3	60.3	72.1	83.4	94.6
-45°	0.0	4.2	10.2	17.8	27.0	36.6	46.7	57.1	68.4	79.6	90.4
-47.5°	0.0	4.0	9.5	16.5	25.4	34.4	43.9	53.9	64.4	75.5	85.9
-50°	0.0	3.8	8.8	15.4	23.6	32.2	41.2	50.6	60.3	70.8	81.0
-52.5°	0.0	3.6	8.1	14.4	21.8	29.8	38.3	47.2	56.3	66.0	75.9
-55°	0.0	3.4	7.4	13.3	20.0	27.5	35.3	43.6	52.2	61.0	70.4
-57.5°	0.0	3.2	6.7	12.2	18.1	25.1	32.2	40.0	47.9	56.2	64.7
-60°	0.0	2.9	5.9	11.0	16.1	22.6	29.1	36.2	43.6	51.1	58.9
-62.5°	0.0	2.7	5.4	9.8	14.5	20.1	26.0	32.3	39.2	46.0	53.1
-65°	0.0	2.5	5.0	8.6	12.9	17.5	23.0	28.5	34.7	40.9	47.1
-67.5°	0.0	2.3	4.5	7.4	11.3	15.2	19.8	24.9	30.1	35.7	41.3
-70°	0.0	2.0	4.0	6.1	9.6	13.1	16.6	21.2	25.8	30.5	35.5
-72.5°	0.0	1.8	3.5	5.3	7.9	11.0	14.0	17.4	21.6	25.7	29.7
-75°	0.0	1.5	3.1	4.6	6.2	8.8	11.4	14.2	17.2	20.8	24.3
-77.5°	0.0	1.3	2.6	3.8	5.1	6.7	8.8	11.1	13.5	16.1	18.8
-80°	0.0	1.0	2.0	3.1	4.1	5.1	6.2	8.0	9.9	11.8	13.9
-82.5°	0.0	0.8	1.5	2.3	3.1	3.8	4.6	5.3	6.2	7.5	9.0
-85°	0.0	0.5	1.0	1.5	2.0	2.6	3.1	3.5	4.0	4.5	5.0
-87.5°	0.0	0.3	0.5	0.8	1.0	1.3	1.5	1.8	2.0	2.3	2.5
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



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CANDELA DISTRIBUTION (continued):

	-62.5°	-60°	-57.5°	-55°	-52.5°	-50°	-47.5°	-45°	-42.5°	-40°	-37.5°
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
87.5°	2.7	2.9	3.2	3.4	3.6	3.8	4.0	4.2	4.3	4.5	4.7
85°	5.4	5.9	6.8	7.6	8.4	9.2	10.0	10.7	11.4	12.1	12.8
82.5°	10.4	11.7	13.0	14.3	15.5	16.7	17.9	19.0	20.1	21.1	22.1
80°	15.7	17.5	19.3	21.0	22.6	24.2	25.8	27.3	28.7	30.2	31.9
77.5°	21.4	23.7	25.8	27.7	29.8	32.3	34.7	37.1	39.3	41.4	43.4
75°	27.3	30.0	32.8	35.6	38.6	41.6	44.5	47.3	50.1	52.9	55.7
72.5°	33.5	37.1	40.5	43.9	47.6	51.3	54.6	57.7	61.1	64.9	68.4
70°	40.1	44.2	48.5	52.9	57.1	61.1	65.3	69.4	73.6	77.7	81.7
67.5°	46.6	51.8	56.8	61.8	66.5	71.4	76.3	81.4	86.2	90.9	95.4
65°	53.6	59.4	65.0	70.5	75.8	81.8	87.7	93.3	99.5	105.2	110.1
62.5°	60.4	66.9	73.1	79.3	85.8	92.4	99.2	106.3	113.6	118.9	123.4
60°	67.0	74.3	81.2	88.4	95.6	103.0	110.8	118.4	125.0	130.8	135.6
57.5°	73.4	81.6	89.3	97.0	104.9	113.3	121.9	129.6	135.8	141.4	146.7
55°	79.6	88.7	96.9	105.1	114.1	124.0	132.7	139.7	146.1	150.7	155.7
52.5°	85.5	95.2	103.8	113.0	123.3	133.5	142.3	149.0	154.4	159.2	164.1
50°	91.2	100.9	110.4	120.9	131.8	142.1	150.9	157.1	162.5	167.5	172.2
47.5°	96.3	106.4	117.2	128.4	139.7	149.9	158.3	164.7	170.3	175.4	180.6
45°	101.1	112.0	123.5	135.7	147.3	157.4	165.1	171.9	177.3	183.0	189.5
42.5°	105.8	117.4	129.8	142.9	154.7	163.9	171.4	177.9	184.1	191.0	198.2
40°	110.3	122.4	135.8	149.5	161.6	169.6	177.1	184.0	191.1	199.0	206.9
37.5°	114.5	127.5	141.4	155.8	166.7	175.0	182.8	190.5	198.4	206.9	216.7
35°	118.4	132.2	146.8	160.7	171.2	180.3	188.5	196.9	205.9	216.1	227.0
32.5°	122.2	136.5	151.8	164.9	175.3	185.0	194.1	203.5	213.8	225.1	237.5
30°	125.9	140.7	156.2	169.1	178.9	188.8	199.5	210.0	221.5	234.1	248.6
27.5°	129.5	144.6	159.9	172.4	182.1	192.2	203.7	216.4	228.9	242.7	259.6
25°	132.8	148.6	163.6	175.0	184.9	195.4	207.4	221.0	235.7	252.1	272.8
22.5°	135.9	152.2	167.0	177.3	187.1	198.2	211.1	225.6	241.5	260.5	285.7
20°	138.8	155.0	169.3	179.3	189.0	200.5	214.4	229.6	247.8	270.8	301.0
17.5°	141.4	157.4	170.8	181.0	191.0	202.8	217.1	233.0	253.4	279.8	315.6
15°	143.6	159.3	172.2	182.3	192.7	205.2	220.0	237.2	259.6	288.7	328.2
12.5°	145.4	160.9	173.3	183.3	194.1	207.0	222.4	241.3	265.8	298.4	345.2
10°	146.8	162.0	174.2	183.8	195.0	208.2	224.3	244.4	270.7	306.5	359.8
7.5°	148.1	162.9	174.9	184.1	195.5	208.7	225.6	246.7	274.4	312.6	371.4
5°	149.1	163.9	175.2	184.6	195.9	209.0	226.5	248.0	276.7	316.6	379.6
2.5°	149.7	164.4	175.2	185.1	195.9	209.1	227.5	248.7	279.3	320.0	384.2
0°	149.9	164.6	174.9	185.2	195.5	208.7	227.9	248.4	280.8	321.9	385.1
-2.5°	149.7	164.4	175.2	185.1	195.9	209.1	227.5	248.7	279.3	320.0	384.2
-5°	149.1	163.9	175.2	184.6	195.9	209.0	226.5	248.0	276.7	316.6	379.6
-7.5°	148.1	162.9	174.9	184.1	195.5	208.7	225.6	246.7	274.4	312.6	371.4
-10°	146.8	162.0	174.2	183.8	195.0	208.2	224.3	244.4	270.7	306.5	359.8
-12.5°	145.4	160.9	173.3	183.3	194.1	207.0	222.4	241.3	265.8	298.4	345.2
-15°	143.6	159.3	172.2	182.3	192.7	205.2	220.0	237.2	259.6	288.7	328.2
-17.5°	141.4	157.4	170.8	181.0	191.0	202.8	217.1	233.0	253.4	279.8	315.6
-20°	138.8	155.0	169.3	179.3	189.0	200.5	214.4	229.6	247.8	270.8	301.0

Classified

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

Scaled Data Report



REPORT NUMBER: P626735 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA1D-735-U-MR-XX

CANDELA DISTRIBUTION (continued):

	-62.5°	-60°	-57.5°	-55°	-52.5°	-50°	-47.5°	-45°	-42.5°	-40°	-37.5°
-22.5°	135.9	152.2	167.0	177.3	187.1	198.2	211.1	225.6	241.5	260.5	285.7
-25°	132.8	148.6	163.6	175.0	184.9	195.4	207.4	221.0	235.7	252.1	272.8
-27.5°	129.5	144.6	159.9	172.4	182.1	192.2	203.7	216.4	228.9	242.7	259.6
-30°	125.9	140.7	156.2	169.1	178.9	188.8	199.5	210.0	221.5	234.1	248.6
-32.5°	122.2	136.5	151.8	164.9	175.3	185.0	194.1	203.5	213.8	225.1	237.5
-35°	118.4	132.2	146.8	160.7	171.2	180.3	188.5	196.9	205.9	216.1	227.0
-37.5°	114.5	127.5	141.4	155.8	166.7	175.0	182.8	190.5	198.4	206.9	216.7
-40°	110.3	122.4	135.8	149.5	161.6	169.6	177.1	184.0	191.1	199.0	206.9
-42.5°	105.8	117.4	129.8	142.9	154.7	163.9	171.4	177.9	184.1	191.0	198.2
-45°	101.1	112.0	123.5	135.7	147.3	157.4	165.1	171.9	177.3	183.0	189.5
-47.5°	96.3	106.4	117.2	128.4	139.7	149.9	158.3	164.7	170.3	175.4	180.6
-50°	91.2	100.9	110.4	120.9	131.8	142.1	150.9	157.1	162.5	167.5	172.2
-52.5°	85.5	95.2	103.8	113.0	123.3	133.5	142.3	149.0	154.4	159.2	164.1
-55°	79.6	88.7	96.9	105.1	114.1	124.0	132.7	139.7	146.1	150.7	155.7
-57.5°	73.4	81.6	89.3	97.0	104.9	113.3	121.9	129.6	135.8	141.4	146.7
-60°	67.0	74.3	81.2	88.4	95.6	103.0	110.8	118.4	125.0	130.8	135.6
-62.5°	60.4	66.9	73.1	79.3	85.8	92.4	99.2	106.3	113.6	118.9	123.4
-65°	53.6	59.4	65.0	70.5	75.8	81.8	87.7	93.3	99.5	105.2	110.1
-67.5°	46.6	51.8	56.8	61.8	66.5	71.4	76.3	81.4	86.2	90.9	95.4
-70°	40.1	44.2	48.5	52.9	57.1	61.1	65.3	69.4	73.6	77.7	81.7
-72.5°	33.5	37.1	40.5	43.9	47.6	51.3	54.6	57.7	61.1	64.9	68.4
-75°	27.3	30.0	32.8	35.6	38.6	41.6	44.5	47.3	50.1	52.9	55.7
-77.5°	21.4	23.7	25.8	27.7	29.8	32.3	34.7	37.1	39.3	41.4	43.4
-80°	15.7	17.5	19.3	21.0	22.6	24.2	25.8	27.3	28.7	30.2	31.9
-82.5°	10.4	11.7	13.0	14.3	15.5	16.7	17.9	19.0	20.1	21.1	22.1
-85°	5.4	5.9	6.8	7.6	8.4	9.2	10.0	10.7	11.4	12.1	12.8
-87.5°	2.7	2.9	3.2	3.4	3.6	3.8	4.0	4.2	4.3	4.5	4.7
-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: P626735 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA1D-735-U-MR-XX

CANDELA DISTRIBUTION (continued):

	-35°	-32.5°	-30°	-27.5°	-25°	-22.5°	-20°	-17.5°	-15°	-12.5°	-10°
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
87.5°	4.8	5.0	5.1	5.2	5.3	5.5	5.5	5.6	5.7	5.8	5.8
85°	13.4	13.9	14.5	15.0	15.4	15.5	15.6	15.6	15.5	15.7	15.9
82.5°	23.0	24.0	25.1	26.1	27.1	27.5	27.8	27.9	28.1	28.5	28.8
80°	33.4	35.0	36.5	37.9	39.1	39.9	40.7	41.4	42.1	42.4	42.5
77.5°	45.5	47.5	49.3	51.0	52.6	53.9	54.9	55.7	56.3	56.7	57.0
75°	58.5	61.0	63.2	65.3	67.2	68.5	69.4	70.1	70.6	71.1	71.4
72.5°	71.6	74.4	77.1	79.5	81.7	83.3	84.4	85.2	85.9	86.4	86.6
70°	85.4	88.8	91.7	94.2	96.2	97.7	98.8	99.8	100.5	101.0	101.2
67.5°	99.7	103.3	106.1	108.2	110.0	111.6	113.0	114.1	114.8	115.5	116.3
65°	114.3	118.0	120.8	123.1	125.0	127.0	128.8	130.2	131.1	131.9	132.8
62.5°	128.0	132.2	135.4	138.4	141.5	144.4	146.1	147.4	148.3	149.1	150.1
60°	140.4	145.1	149.1	152.8	156.5	160.3	161.8	163.1	164.2	165.3	166.3
57.5°	151.4	156.5	161.3	164.9	168.5	172.1	174.5	175.8	176.7	177.2	177.6
55°	161.1	166.1	170.9	175.1	179.0	182.6	185.3	186.6	187.6	188.2	188.6
52.5°	169.7	175.1	180.3	184.9	189.1	193.0	196.3	198.1	199.6	200.6	200.9
50°	178.2	184.0	189.6	194.5	199.4	204.0	208.3	210.8	212.6	213.6	214.0
47.5°	187.0	193.3	199.3	205.1	210.6	216.1	221.2	224.6	227.1	229.0	230.3
45°	196.1	203.0	209.6	216.4	222.8	229.9	236.4	241.4	245.0	248.1	250.7
42.5°	205.5	213.1	220.7	229.5	238.2	246.3	254.0	260.5	266.4	272.3	276.9
40°	215.5	223.9	234.4	244.7	255.5	264.9	276.0	286.0	295.2	305.2	313.4
37.5°	226.5	237.3	249.7	262.1	276.1	289.6	305.2	320.6	334.0	351.3	365.3
35°	238.5	252.2	266.8	283.4	301.4	322.7	344.5	370.2	391.9	419.5	445.0
32.5°	251.8	267.9	286.9	309.8	334.1	368.2	400.2	443.7	480.8	528.7	581.0
30°	265.4	286.1	312.0	341.6	382.7	431.1	487.6	561.0	640.4	722.6	833.3
27.5°	281.5	308.4	340.7	386.4	447.9	514.9	629.9	754.1	927.1	1064.1	1308.1
25°	298.8	332.2	379.8	446.1	531.0	666.7	860.8	1085.6	1431.8	1739.7	2093.7
22.5°	319.4	364.7	427.7	514.5	662.6	895.9	1199.0	1660.7	2173.9	2680.4	3143.4
20°	341.1	395.8	484.0	625.3	854.2	1191.7	1732.3	2392.0	3073.4	3767.5	4352.5
17.5°	366.5	440.8	557.0	744.6	1071.2	1649.0	2371.1	3209.9	4100.0	4985.8	5755.2
15°	388.3	480.2	636.6	917.6	1404.6	2127.3	3014.8	4074.2	5193.6	6343.1	7589.1
12.5°	416.2	527.6	718.6	1060.6	1700.4	2639.7	3725.7	4955.7	6322.6	7848.9	9791.3
10°	441.7	577.2	826.4	1289.7	2056.0	3118.4	4339.8	5735.3	7508.2	9801.9	12144.9
7.5°	462.2	616.6	910.0	1468.5	2354.2	3527.3	4892.7	6565.8	8777.7	11509.0	14186.0
5°	476.4	644.0	969.9	1603.6	2594.1	3839.9	5285.1	7178.1	9847.8	12906.3	15639.7
2.5°	485.3	658.9	999.2	1683.9	2750.5	4028.0	5529.9	7567.2	10503.6	13795.8	16563.3
0°	489.5	661.5	980.5	1722.9	2772.5	4014.7	5552.3	7697.1	10659.2	14037.3	16793.6
-2.5°	485.3	658.9	999.2	1683.9	2750.5	4028.0	5529.9	7567.2	10503.6	13795.8	16563.3
-5°	476.4	644.0	969.9	1603.6	2594.1	3839.9	5285.1	7178.1	9847.8	12906.3	15639.7
-7.5°	462.2	616.6	910.0	1468.5	2354.2	3527.3	4892.7	6565.8	8777.7	11509.0	14186.0
-10°	441.7	577.2	826.4	1289.7	2056.0	3118.4	4339.8	5735.3	7508.2	9801.9	12144.9
-12.5°	416.2	527.6	718.6	1060.6	1700.4	2639.7	3725.7	4955.7	6322.6	7848.9	9791.3
-15°	388.3	480.2	636.6	917.6	1404.6	2127.3	3014.8	4074.2	5193.6	6343.1	7589.1
-17.5°	366.5	440.8	557.0	744.6	1071.2	1649.0	2371.1	3209.9	4100.0	4985.8	5755.2
-20°	341.1	395.8	484.0	625.3	854.2	1191.7	1732.3	2392.0	3073.4	3767.5	4352.5

Classified

Cooper Lighting Solutions Photometric Lab
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Peachtree City, GA 30269

Scaled Data Report



REPORT NUMBER: P626735 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA1D-735-U-MR-XX

CANDELA DISTRIBUTION (continued):

	-35°	-32.5°	-30°	-27.5°	-25°	-22.5°	-20°	-17.5°	-15°	-12.5°	-10°
-22.5°	319.4	364.7	427.7	514.5	662.6	895.9	1199.0	1660.7	2173.9	2680.4	3143.4
-25°	298.8	332.2	379.8	446.1	531.0	666.7	860.8	1085.6	1431.8	1739.7	2093.7
-27.5°	281.5	308.4	340.7	386.4	447.9	514.9	629.9	754.1	927.1	1064.1	1308.1
-30°	265.4	286.1	312.0	341.6	382.7	431.1	487.6	561.0	640.4	722.6	833.3
-32.5°	251.8	267.9	286.9	309.8	334.1	368.2	400.2	443.7	480.8	528.7	581.0
-35°	238.5	252.2	266.8	283.4	301.4	322.7	344.5	370.2	391.9	419.5	445.0
-37.5°	226.5	237.3	249.7	262.1	276.1	289.6	305.2	320.6	334.0	351.3	365.3
-40°	215.5	223.9	234.4	244.7	255.5	264.9	276.0	286.0	295.2	305.2	313.4
-42.5°	205.5	213.1	220.7	229.5	238.2	246.3	254.0	260.5	266.4	272.3	276.9
-45°	196.1	203.0	209.6	216.4	222.8	229.9	236.4	241.4	245.0	248.1	250.7
-47.5°	187.0	193.3	199.3	205.1	210.6	216.1	221.2	224.6	227.1	229.0	230.3
-50°	178.2	184.0	189.6	194.5	199.4	204.0	208.3	210.8	212.6	213.6	214.0
-52.5°	169.7	175.1	180.3	184.9	189.1	193.0	196.3	198.1	199.6	200.6	200.9
-55°	161.1	166.1	170.9	175.1	179.0	182.6	185.3	186.6	187.6	188.2	188.6
-57.5°	151.4	156.5	161.3	164.9	168.5	172.1	174.5	175.8	176.7	177.2	177.6
-60°	140.4	145.1	149.1	152.8	156.5	160.3	161.8	163.1	164.2	165.3	166.3
-62.5°	128.0	132.2	135.4	138.4	141.5	144.4	146.1	147.4	148.3	149.1	150.1
-65°	114.3	118.0	120.8	123.1	125.0	127.0	128.8	130.2	131.1	131.9	132.8
-67.5°	99.7	103.3	106.1	108.2	110.0	111.6	113.0	114.1	114.8	115.5	116.3
-70°	85.4	88.8	91.7	94.2	96.2	97.7	98.8	99.8	100.5	101.0	101.2
-72.5°	71.6	74.4	77.1	79.5	81.7	83.3	84.4	85.2	85.9	86.4	86.6
-75°	58.5	61.0	63.2	65.3	67.2	68.5	69.4	70.1	70.6	71.1	71.4
-77.5°	45.5	47.5	49.3	51.0	52.6	53.9	54.9	55.7	56.3	56.7	57.0
-80°	33.4	35.0	36.5	37.9	39.1	39.9	40.7	41.4	42.1	42.4	42.5
-82.5°	23.0	24.0	25.1	26.1	27.1	27.5	27.8	27.9	28.1	28.5	28.8
-85°	13.4	13.9	14.5	15.0	15.4	15.5	15.6	15.6	15.5	15.7	15.9
-87.5°	4.8	5.0	5.1	5.2	5.3	5.5	5.5	5.6	5.7	5.8	5.8
-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: P626735 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA1D-735-U-MR-XX

CANDELA DISTRIBUTION (continued):

	-7.5°	-5°	-2.5°	0°	2.5°	5°	7.5°	10°	12.5°	15°	17.5°
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
87.5°	5.8	5.9	5.9	5.9	5.9	5.9	5.8	5.8	5.8	5.7	5.6
85°	16.0	16.1	16.2	16.2	16.2	16.1	16.0	15.9	15.7	15.5	15.6
82.5°	29.1	29.2	29.4	29.4	29.4	29.2	29.1	28.8	28.5	28.1	27.9
80°	42.5	42.4	42.5	42.6	42.5	42.4	42.5	42.5	42.4	42.1	41.4
77.5°	57.1	57.0	57.2	57.3	57.2	57.0	57.1	57.0	56.7	56.3	55.7
75°	71.6	71.7	71.9	72.0	71.9	71.7	71.6	71.4	71.1	70.6	70.1
72.5°	86.6	86.4	86.6	86.7	86.6	86.4	86.6	86.6	86.4	85.9	85.2
70°	101.2	101.0	102.0	102.9	102.0	101.0	101.2	101.2	101.0	100.5	99.8
67.5°	116.8	117.1	118.1	119.1	118.1	117.1	116.8	116.3	115.5	114.8	114.1
65°	133.2	133.3	134.3	135.2	134.3	133.3	133.2	132.8	131.9	131.1	130.2
62.5°	150.6	150.8	151.9	152.9	151.9	150.8	150.6	150.1	149.1	148.3	147.4
60°	166.8	167.0	167.4	167.6	167.4	167.0	166.8	166.3	165.3	164.2	163.1
57.5°	177.7	177.6	177.8	177.9	177.8	177.6	177.7	177.6	177.2	176.7	175.8
55°	188.5	188.0	187.5	186.7	187.5	188.0	188.5	188.6	188.2	187.6	186.6
52.5°	200.7	199.9	199.2	198.5	199.2	199.9	200.7	200.9	200.6	199.6	198.1
50°	213.8	213.1	212.4	211.7	212.4	213.1	213.8	214.0	213.6	212.6	210.8
47.5°	231.3	231.6	231.4	230.8	231.4	231.6	231.3	230.3	229.0	227.1	224.6
45°	252.4	253.3	253.4	252.8	253.4	253.3	252.4	250.7	248.1	245.0	241.4
42.5°	280.1	282.0	283.0	283.7	283.0	282.0	280.1	276.9	272.3	266.4	260.5
40°	319.3	323.1	325.5	327.8	325.5	323.1	319.3	313.4	305.2	295.2	286.0
37.5°	375.6	382.5	385.6	383.7	385.6	382.5	375.6	365.3	351.3	334.0	320.6
35°	464.6	477.8	484.6	485.1	484.6	477.8	464.6	445.0	419.5	391.9	370.2
32.5°	619.7	646.5	661.0	663.0	661.0	646.5	619.7	581.0	528.7	480.8	443.7
30°	918.0	972.7	998.4	992.3	998.4	972.7	918.0	833.3	722.6	640.4	561.0
27.5°	1497.7	1634.1	1714.9	1721.4	1714.9	1634.1	1497.7	1308.1	1064.1	927.1	754.1
25°	2407.1	2640.0	2789.2	2791.6	2789.2	2640.0	2407.1	2093.7	1739.7	1431.8	1085.6
22.5°	3571.5	3889.4	4063.6	4094.0	4063.6	3889.4	3571.5	3143.4	2680.4	2173.9	1660.7
20°	4920.4	5343.4	5569.7	5570.0	5569.7	5343.4	4920.4	4352.5	3767.5	3073.4	2392.0
17.5°	6581.7	7268.5	7699.7	7885.3	7699.7	7268.5	6581.7	5755.2	4985.8	4100.0	3209.9
15°	8788.8	9942.9	10634.5	10759.2	10634.5	9942.9	8788.8	7589.1	6343.1	5193.6	4074.2
12.5°	11476.1	12936.7	13918.6	14278.4	13918.6	12936.7	11476.1	9791.3	7848.9	6322.6	4955.7
10°	14282.0	15635.3	16687.2	17040.6	16687.2	15635.3	14282.0	12144.9	9801.9	7508.2	5735.3
7.5°	16308.9	17922.7	19107.6	19627.9	19107.6	17922.7	16308.9	14186.0	11509.0	8777.7	6565.8
5°	17909.0	19818.6	20921.5	21411.0	20921.5	19818.6	17909.0	15639.7	12906.3	9847.8	7178.1
2.5°	18959.0	20845.7	22013.7	22465.0	22013.7	20845.7	18959.0	16563.3	13795.8	10503.6	7567.2
0°	19351.5	21196.4	22350.4	22901.6	22350.4	21196.4	19351.5	16793.6	14037.3	10659.2	7697.1
-2.5°	18959.0	20845.7	22013.7	22465.0	22013.7	20845.7	18959.0	16563.3	13795.8	10503.6	7567.2
-5°	17909.0	19818.6	20921.5	21411.0	20921.5	19818.6	17909.0	15639.7	12906.3	9847.8	7178.1
-7.5°	16308.9	17922.7	19107.6	19627.9	19107.6	17922.7	16308.9	14186.0	11509.0	8777.7	6565.8
-10°	14282.0	15635.3	16687.2	17040.6	16687.2	15635.3	14282.0	12144.9	9801.9	7508.2	5735.3
-12.5°	11476.1	12936.7	13918.6	14278.4	13918.6	12936.7	11476.1	9791.3	7848.9	6322.6	4955.7
-15°	8788.8	9942.9	10634.5	10759.2	10634.5	9942.9	8788.8	7589.1	6343.1	5193.6	4074.2
-17.5°	6581.7	7268.5	7699.7	7885.3	7699.7	7268.5	6581.7	5755.2	4985.8	4100.0	3209.9
-20°	4920.4	5343.4	5569.7	5570.0	5569.7	5343.4	4920.4	4352.5	3767.5	3073.4	2392.0



REPORT NUMBER: P626735 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA1D-735-U-MR-XX

CANDELA DISTRIBUTION (continued):

	-7.5°	-5°	-2.5°	0°	2.5°	5°	7.5°	10°	12.5°	15°	17.5°
-22.5°	3571.5	3889.4	4063.6	4094.0	4063.6	3889.4	3571.5	3143.4	2680.4	2173.9	1660.7
-25°	2407.1	2640.0	2789.2	2791.6	2789.2	2640.0	2407.1	2093.7	1739.7	1431.8	1085.6
-27.5°	1497.7	1634.1	1714.9	1721.4	1714.9	1634.1	1497.7	1308.1	1064.1	927.1	754.1
-30°	918.0	972.7	998.4	992.3	998.4	972.7	918.0	833.3	722.6	640.4	561.0
-32.5°	619.7	646.5	661.0	663.0	661.0	646.5	619.7	581.0	528.7	480.8	443.7
-35°	464.6	477.8	484.6	485.1	484.6	477.8	464.6	445.0	419.5	391.9	370.2
-37.5°	375.6	382.5	385.6	383.7	385.6	382.5	375.6	365.3	351.3	334.0	320.6
-40°	319.3	323.1	325.5	327.8	325.5	323.1	319.3	313.4	305.2	295.2	286.0
-42.5°	280.1	282.0	283.0	283.7	283.0	282.0	280.1	276.9	272.3	266.4	260.5
-45°	252.4	253.3	253.4	252.8	253.4	253.3	252.4	250.7	248.1	245.0	241.4
-47.5°	231.3	231.6	231.4	230.8	231.4	231.6	231.3	230.3	229.0	227.1	224.6
-50°	213.8	213.1	212.4	211.7	212.4	213.1	213.8	214.0	213.6	212.6	210.8
-52.5°	200.7	199.9	199.2	198.5	199.2	199.9	200.7	200.9	200.6	199.6	198.1
-55°	188.5	188.0	187.5	186.7	187.5	188.0	188.5	188.6	188.2	187.6	186.6
-57.5°	177.7	177.6	177.8	177.9	177.8	177.6	177.7	177.6	177.2	176.7	175.8
-60°	166.8	167.0	167.4	167.6	167.4	167.0	166.8	166.3	165.3	164.2	163.1
-62.5°	150.6	150.8	151.9	152.9	151.9	150.8	150.6	150.1	149.1	148.3	147.4
-65°	133.2	133.3	134.3	135.2	134.3	133.3	133.2	132.8	131.9	131.1	130.2
-67.5°	116.8	117.1	118.1	119.1	118.1	117.1	116.8	116.3	115.5	114.8	114.1
-70°	101.2	101.0	102.0	102.9	102.0	101.0	101.2	101.2	101.0	100.5	99.8
-72.5°	86.6	86.4	86.6	86.7	86.6	86.4	86.6	86.6	86.4	85.9	85.2
-75°	71.6	71.7	71.9	72.0	71.9	71.7	71.6	71.4	71.1	70.6	70.1
-77.5°	57.1	57.0	57.2	57.3	57.2	57.0	57.1	57.0	56.7	56.3	55.7
-80°	42.5	42.4	42.5	42.6	42.5	42.4	42.5	42.5	42.4	42.1	41.4
-82.5°	29.1	29.2	29.4	29.4	29.4	29.2	29.1	28.8	28.5	28.1	27.9
-85°	16.0	16.1	16.2	16.2	16.2	16.1	16.0	15.9	15.7	15.5	15.6
-87.5°	5.8	5.9	5.9	5.9	5.9	5.9	5.8	5.8	5.8	5.7	5.6
-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: P626735 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA1D-735-U-MR-XX

CANDELA DISTRIBUTION (continued):

	20°	22.5°	25°	27.5°	30°	32.5°	35°	37.5°	40°	42.5°	45°
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
87.5°	5.5	5.5	5.3	5.2	5.1	5.0	4.8	4.7	4.5	4.3	4.2
85°	15.6	15.5	15.4	15.0	14.5	13.9	13.4	12.8	12.1	11.4	10.7
82.5°	27.8	27.5	27.1	26.1	25.1	24.0	23.0	22.1	21.1	20.1	19.0
80°	40.7	39.9	39.1	37.9	36.5	35.0	33.4	31.9	30.2	28.7	27.3
77.5°	54.9	53.9	52.6	51.0	49.3	47.5	45.5	43.4	41.4	39.3	37.1
75°	69.4	68.5	67.2	65.3	63.2	61.0	58.5	55.7	52.9	50.1	47.3
72.5°	84.4	83.3	81.7	79.5	77.1	74.4	71.6	68.4	64.9	61.1	57.7
70°	98.8	97.7	96.2	94.2	91.7	88.8	85.4	81.7	77.7	73.6	69.4
67.5°	113.0	111.6	110.0	108.2	106.1	103.3	99.7	95.4	90.9	86.2	81.4
65°	128.8	127.0	125.0	123.1	120.8	118.0	114.3	110.1	105.2	99.5	93.3
62.5°	146.1	144.4	141.5	138.4	135.4	132.2	128.0	123.4	118.9	113.6	106.3
60°	161.8	160.3	156.5	152.8	149.1	145.1	140.4	135.6	130.8	125.0	118.4
57.5°	174.5	172.1	168.5	164.9	161.3	156.5	151.4	146.7	141.4	135.8	129.6
55°	185.3	182.6	179.0	175.1	170.9	166.1	161.1	155.7	150.7	146.1	139.7
52.5°	196.3	193.0	189.1	184.9	180.3	175.1	169.7	164.1	159.2	154.4	149.0
50°	208.3	204.0	199.4	194.5	189.6	184.0	178.2	172.2	167.5	162.5	157.1
47.5°	221.2	216.1	210.6	205.1	199.3	193.3	187.0	180.6	175.4	170.3	164.7
45°	236.4	229.9	222.8	216.4	209.6	203.0	196.1	189.5	183.0	177.3	171.9
42.5°	254.0	246.3	238.2	229.5	220.7	213.1	205.5	198.2	191.0	184.1	177.9
40°	276.0	264.9	255.5	244.7	234.4	223.9	215.5	206.9	199.0	191.1	184.0
37.5°	305.2	289.6	276.1	262.1	249.7	237.3	226.5	216.7	206.9	198.4	190.5
35°	344.5	322.7	301.4	283.4	266.8	252.2	238.5	227.0	216.1	205.9	196.9
32.5°	400.2	368.2	334.1	309.8	286.9	267.9	251.8	237.5	225.1	213.8	203.5
30°	487.6	431.1	382.7	341.6	312.0	286.1	265.4	248.6	234.1	221.5	210.0
27.5°	629.9	514.9	447.9	386.4	340.7	308.4	281.5	259.6	242.7	228.9	216.4
25°	860.8	666.7	531.0	446.1	379.8	332.2	298.8	272.8	252.1	235.7	221.0
22.5°	1199.0	895.9	662.6	514.5	427.7	364.7	319.4	285.7	260.5	241.5	225.6
20°	1732.3	1191.7	854.2	625.3	484.0	395.8	341.1	301.0	270.8	247.8	229.6
17.5°	2371.1	1649.0	1071.2	744.6	557.0	440.8	366.5	315.6	279.8	253.4	233.0
15°	3014.8	2127.3	1404.6	917.6	636.6	480.2	388.3	328.2	288.7	259.6	237.2
12.5°	3725.7	2639.7	1700.4	1060.6	718.6	527.6	416.2	345.2	298.4	265.8	241.3
10°	4339.8	3118.4	2056.0	1289.7	826.4	577.2	441.7	359.8	306.5	270.7	244.4
7.5°	4892.7	3527.3	2354.2	1468.5	910.0	616.6	462.2	371.4	312.6	274.4	246.7
5°	5285.1	3839.9	2594.1	1603.6	969.9	644.0	476.4	379.6	316.6	276.7	248.0
2.5°	5529.9	4028.0	2750.5	1683.9	999.2	658.9	485.3	384.2	320.0	279.3	248.7
0°	5552.3	4014.7	2772.5	1722.9	980.5	661.5	489.5	385.1	321.9	280.8	248.4
-2.5°	5529.9	4028.0	2750.5	1683.9	999.2	658.9	485.3	384.2	320.0	279.3	248.7
-5°	5285.1	3839.9	2594.1	1603.6	969.9	644.0	476.4	379.6	316.6	276.7	248.0
-7.5°	4892.7	3527.3	2354.2	1468.5	910.0	616.6	462.2	371.4	312.6	274.4	246.7
-10°	4339.8	3118.4	2056.0	1289.7	826.4	577.2	441.7	359.8	306.5	270.7	244.4
-12.5°	3725.7	2639.7	1700.4	1060.6	718.6	527.6	416.2	345.2	298.4	265.8	241.3
-15°	3014.8	2127.3	1404.6	917.6	636.6	480.2	388.3	328.2	288.7	259.6	237.2
-17.5°	2371.1	1649.0	1071.2	744.6	557.0	440.8	366.5	315.6	279.8	253.4	233.0
-20°	1732.3	1191.7	854.2	625.3	484.0	395.8	341.1	301.0	270.8	247.8	229.6

Classified

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

Scaled Data Report



REPORT NUMBER: P626735 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA1D-735-U-MR-XX

CANDELA DISTRIBUTION (continued):

	20°	22.5°	25°	27.5°	30°	32.5°	35°	37.5°	40°	42.5°	45°
-22.5°	1199.0	895.9	662.6	514.5	427.7	364.7	319.4	285.7	260.5	241.5	225.6
-25°	860.8	666.7	531.0	446.1	379.8	332.2	298.8	272.8	252.1	235.7	221.0
-27.5°	629.9	514.9	447.9	386.4	340.7	308.4	281.5	259.6	242.7	228.9	216.4
-30°	487.6	431.1	382.7	341.6	312.0	286.1	265.4	248.6	234.1	221.5	210.0
-32.5°	400.2	368.2	334.1	309.8	286.9	267.9	251.8	237.5	225.1	213.8	203.5
-35°	344.5	322.7	301.4	283.4	266.8	252.2	238.5	227.0	216.1	205.9	196.9
-37.5°	305.2	289.6	276.1	262.1	249.7	237.3	226.5	216.7	206.9	198.4	190.5
-40°	276.0	264.9	255.5	244.7	234.4	223.9	215.5	206.9	199.0	191.1	184.0
-42.5°	254.0	246.3	238.2	229.5	220.7	213.1	205.5	198.2	191.0	184.1	177.9
-45°	236.4	229.9	222.8	216.4	209.6	203.0	196.1	189.5	183.0	177.3	171.9
-47.5°	221.2	216.1	210.6	205.1	199.3	193.3	187.0	180.6	175.4	170.3	164.7
-50°	208.3	204.0	199.4	194.5	189.6	184.0	178.2	172.2	167.5	162.5	157.1
-52.5°	196.3	193.0	189.1	184.9	180.3	175.1	169.7	164.1	159.2	154.4	149.0
-55°	185.3	182.6	179.0	175.1	170.9	166.1	161.1	155.7	150.7	146.1	139.7
-57.5°	174.5	172.1	168.5	164.9	161.3	156.5	151.4	146.7	141.4	135.8	129.6
-60°	161.8	160.3	156.5	152.8	149.1	145.1	140.4	135.6	130.8	125.0	118.4
-62.5°	146.1	144.4	141.5	138.4	135.4	132.2	128.0	123.4	118.9	113.6	106.3
-65°	128.8	127.0	125.0	123.1	120.8	118.0	114.3	110.1	105.2	99.5	93.3
-67.5°	113.0	111.6	110.0	108.2	106.1	103.3	99.7	95.4	90.9	86.2	81.4
-70°	98.8	97.7	96.2	94.2	91.7	88.8	85.4	81.7	77.7	73.6	69.4
-72.5°	84.4	83.3	81.7	79.5	77.1	74.4	71.6	68.4	64.9	61.1	57.7
-75°	69.4	68.5	67.2	65.3	63.2	61.0	58.5	55.7	52.9	50.1	47.3
-77.5°	54.9	53.9	52.6	51.0	49.3	47.5	45.5	43.4	41.4	39.3	37.1
-80°	40.7	39.9	39.1	37.9	36.5	35.0	33.4	31.9	30.2	28.7	27.3
-82.5°	27.8	27.5	27.1	26.1	25.1	24.0	23.0	22.1	21.1	20.1	19.0
-85°	15.6	15.5	15.4	15.0	14.5	13.9	13.4	12.8	12.1	11.4	10.7
-87.5°	5.5	5.5	5.3	5.2	5.1	5.0	4.8	4.7	4.5	4.3	4.2
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



REPORT NUMBER: P626735 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA1D-735-U-MR-XX

CANDELA DISTRIBUTION (continued):

	47.5°	50°	52.5°	55°	57.5°	60°	62.5°	65°	67.5°	70°	72.5°
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
87.5°	4.0	3.8	3.6	3.4	3.2	2.9	2.7	2.5	2.3	2.0	1.8
85°	10.0	9.2	8.4	7.6	6.8	5.9	5.4	5.0	4.5	4.0	3.5
82.5°	17.9	16.7	15.5	14.3	13.0	11.7	10.4	9.0	7.5	6.2	5.3
80°	25.8	24.2	22.6	21.0	19.3	17.5	15.7	13.9	11.8	9.9	8.0
77.5°	34.7	32.3	29.8	27.7	25.8	23.7	21.4	18.8	16.1	13.5	11.1
75°	44.5	41.6	38.6	35.6	32.8	30.0	27.3	24.3	20.8	17.2	14.2
72.5°	54.6	51.3	47.6	43.9	40.5	37.1	33.5	29.7	25.7	21.6	17.4
70°	65.3	61.1	57.1	52.9	48.5	44.2	40.1	35.5	30.5	25.8	21.2
67.5°	76.3	71.4	66.5	61.8	56.8	51.8	46.6	41.3	35.7	30.1	24.9
65°	87.7	81.8	75.8	70.5	65.0	59.4	53.6	47.1	40.9	34.7	28.5
62.5°	99.2	92.4	85.8	79.3	73.1	66.9	60.4	53.1	46.0	39.2	32.3
60°	110.8	103.0	95.6	88.4	81.2	74.3	67.0	58.9	51.1	43.6	36.2
57.5°	121.9	113.3	104.9	97.0	89.3	81.6	73.4	64.7	56.2	47.9	40.0
55°	132.7	124.0	114.1	105.1	96.9	88.7	79.6	70.4	61.0	52.2	43.6
52.5°	142.3	133.5	123.3	113.0	103.8	95.2	85.5	75.9	66.0	56.3	47.2
50°	150.9	142.1	131.8	120.9	110.4	100.9	91.2	81.0	70.8	60.3	50.6
47.5°	158.3	149.9	139.7	128.4	117.2	106.4	96.3	85.9	75.5	64.4	53.9
45°	165.1	157.4	147.3	135.7	123.5	112.0	101.1	90.4	79.6	68.4	57.1
42.5°	171.4	163.9	154.7	142.9	129.8	117.4	105.8	94.6	83.4	72.1	60.3
40°	177.1	169.6	161.6	149.5	135.8	122.4	110.3	98.6	87.0	75.6	63.4
37.5°	182.8	175.0	166.7	155.8	141.4	127.5	114.5	102.4	90.5	78.6	66.3
35°	188.5	180.3	171.2	160.7	146.8	132.2	118.4	105.9	93.7	81.5	69.0
32.5°	194.1	185.0	175.3	164.9	151.8	136.5	122.2	109.3	96.8	84.2	71.5
30°	199.5	188.8	178.9	169.1	156.2	140.7	125.9	112.5	99.6	86.7	73.7
27.5°	203.7	192.2	182.1	172.4	159.9	144.6	129.5	115.4	102.2	89.0	75.7
25°	207.4	195.4	184.9	175.0	163.6	148.6	132.8	118.1	104.6	91.1	77.6
22.5°	211.1	198.2	187.1	177.3	167.0	152.2	135.9	120.8	106.7	93.0	79.2
20°	214.4	200.5	189.0	179.3	169.3	155.0	138.8	123.1	108.6	94.7	80.7
17.5°	217.1	202.8	191.0	181.0	170.8	157.4	141.4	125.2	110.3	96.1	81.9
15°	220.0	205.2	192.7	182.3	172.2	159.3	143.6	127.0	111.7	97.3	83.1
12.5°	222.4	207.0	194.1	183.3	173.3	160.9	145.4	128.4	112.8	98.5	84.2
10°	224.3	208.2	195.0	183.8	174.2	162.0	146.8	129.8	114.2	99.5	85.1
7.5°	225.6	208.7	195.5	184.1	174.9	162.9	148.1	131.3	115.4	100.4	85.8
5°	226.5	209.0	195.9	184.6	175.2	163.9	149.1	132.4	116.4	100.9	86.3
2.5°	227.5	209.1	195.9	185.1	175.2	164.4	149.7	133.3	117.1	101.3	86.6
0°	227.9	208.7	195.5	185.2	174.9	164.6	149.9	133.8	117.6	101.4	86.7
-2.5°	227.5	209.1	195.9	185.1	175.2	164.4	149.7	133.3	117.1	101.3	86.6
-5°	226.5	209.0	195.9	184.6	175.2	163.9	149.1	132.4	116.4	100.9	86.3
-7.5°	225.6	208.7	195.5	184.1	174.9	162.9	148.1	131.3	115.4	100.4	85.8
-10°	224.3	208.2	195.0	183.8	174.2	162.0	146.8	129.8	114.2	99.5	85.1
-12.5°	222.4	207.0	194.1	183.3	173.3	160.9	145.4	128.4	112.8	98.5	84.2
-15°	220.0	205.2	192.7	182.3	172.2	159.3	143.6	127.0	111.7	97.3	83.1
-17.5°	217.1	202.8	191.0	181.0	170.8	157.4	141.4	125.2	110.3	96.1	81.9
-20°	214.4	200.5	189.0	179.3	169.3	155.0	138.8	123.1	108.6	94.7	80.7

Classified

Cooper Lighting Solutions Photometric Lab
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Scaled Data Report



REPORT NUMBER: P626735 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA1D-735-U-MR-XX

CANDELA DISTRIBUTION (continued):

	47.5°	50°	52.5°	55°	57.5°	60°	62.5°	65°	67.5°	70°	72.5°
-22.5°	211.1	198.2	187.1	177.3	167.0	152.2	135.9	120.8	106.7	93.0	79.2
-25°	207.4	195.4	184.9	175.0	163.6	148.6	132.8	118.1	104.6	91.1	77.6
-27.5°	203.7	192.2	182.1	172.4	159.9	144.6	129.5	115.4	102.2	89.0	75.7
-30°	199.5	188.8	178.9	169.1	156.2	140.7	125.9	112.5	99.6	86.7	73.7
-32.5°	194.1	185.0	175.3	164.9	151.8	136.5	122.2	109.3	96.8	84.2	71.5
-35°	188.5	180.3	171.2	160.7	146.8	132.2	118.4	105.9	93.7	81.5	69.0
-37.5°	182.8	175.0	166.7	155.8	141.4	127.5	114.5	102.4	90.5	78.6	66.3
-40°	177.1	169.6	161.6	149.5	135.8	122.4	110.3	98.6	87.0	75.6	63.4
-42.5°	171.4	163.9	154.7	142.9	129.8	117.4	105.8	94.6	83.4	72.1	60.3
-45°	165.1	157.4	147.3	135.7	123.5	112.0	101.1	90.4	79.6	68.4	57.1
-47.5°	158.3	149.9	139.7	128.4	117.2	106.4	96.3	85.9	75.5	64.4	53.9
-50°	150.9	142.1	131.8	120.9	110.4	100.9	91.2	81.0	70.8	60.3	50.6
-52.5°	142.3	133.5	123.3	113.0	103.8	95.2	85.5	75.9	66.0	56.3	47.2
-55°	132.7	124.0	114.1	105.1	96.9	88.7	79.6	70.4	61.0	52.2	43.6
-57.5°	121.9	113.3	104.9	97.0	89.3	81.6	73.4	64.7	56.2	47.9	40.0
-60°	110.8	103.0	95.6	88.4	81.2	74.3	67.0	58.9	51.1	43.6	36.2
-62.5°	99.2	92.4	85.8	79.3	73.1	66.9	60.4	53.1	46.0	39.2	32.3
-65°	87.7	81.8	75.8	70.5	65.0	59.4	53.6	47.1	40.9	34.7	28.5
-67.5°	76.3	71.4	66.5	61.8	56.8	51.8	46.6	41.3	35.7	30.1	24.9
-70°	65.3	61.1	57.1	52.9	48.5	44.2	40.1	35.5	30.5	25.8	21.2
-72.5°	54.6	51.3	47.6	43.9	40.5	37.1	33.5	29.7	25.7	21.6	17.4
-75°	44.5	41.6	38.6	35.6	32.8	30.0	27.3	24.3	20.8	17.2	14.2
-77.5°	34.7	32.3	29.8	27.7	25.8	23.7	21.4	18.8	16.1	13.5	11.1
-80°	25.8	24.2	22.6	21.0	19.3	17.5	15.7	13.9	11.8	9.9	8.0
-82.5°	17.9	16.7	15.5	14.3	13.0	11.7	10.4	9.0	7.5	6.2	5.3
-85°	10.0	9.2	8.4	7.6	6.8	5.9	5.4	5.0	4.5	4.0	3.5
-87.5°	4.0	3.8	3.6	3.4	3.2	2.9	2.7	2.5	2.3	2.0	1.8
-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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REPORT NUMBER: P626735 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA1D-735-U-MR-XX

CANDELA DISTRIBUTION (continued):

	75°	77.5°	80°	82.5°	85°	87.5°	90°
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0
87.5°	1.5	1.3	1.0	0.8	0.5	0.3	0.0
85°	3.1	2.6	2.0	1.5	1.0	0.5	0.0
82.5°	4.6	3.8	3.1	2.3	1.5	0.8	0.0
80°	6.2	5.1	4.1	3.1	2.0	1.0	0.0
77.5°	8.8	6.7	5.1	3.8	2.6	1.3	0.0
75°	11.4	8.8	6.2	4.6	3.1	1.5	0.0
72.5°	14.0	11.0	7.9	5.3	3.5	1.8	0.0
70°	16.6	13.1	9.6	6.1	4.0	2.0	0.0
67.5°	19.8	15.2	11.3	7.4	4.5	2.3	0.0
65°	23.0	17.5	12.9	8.6	5.0	2.5	0.0
62.5°	26.0	20.1	14.5	9.8	5.4	2.7	0.0
60°	29.1	22.6	16.1	11.0	5.9	2.9	0.0
57.5°	32.2	25.1	18.1	12.2	6.7	3.2	0.0
55°	35.3	27.5	20.0	13.3	7.4	3.4	0.0
52.5°	38.3	29.8	21.8	14.4	8.1	3.6	0.0
50°	41.2	32.2	23.6	15.4	8.8	3.8	0.0
47.5°	43.9	34.4	25.4	16.5	9.5	4.0	0.0
45°	46.7	36.6	27.0	17.8	10.2	4.2	0.0
42.5°	49.3	38.6	28.6	19.0	10.8	4.3	0.0
40°	51.8	40.6	30.2	20.1	11.4	4.5	0.0
37.5°	54.1	42.4	31.6	21.1	11.9	4.7	0.0
35°	56.3	44.2	33.0	22.1	12.5	4.8	0.0
32.5°	58.4	45.9	34.3	23.0	13.0	5.0	0.0
30°	60.4	47.5	35.5	23.8	13.4	5.1	0.0
27.5°	62.2	49.0	36.5	24.6	13.9	5.2	0.0
25°	63.9	50.4	37.5	25.3	14.3	5.3	0.0
22.5°	65.3	51.6	38.4	25.9	14.6	5.5	0.0
20°	66.6	52.7	39.3	26.4	15.0	5.5	0.0
17.5°	67.8	53.6	40.0	26.9	15.2	5.6	0.0
15°	68.9	54.4	40.7	27.2	15.5	5.7	0.0
12.5°	69.8	55.0	41.3	27.5	15.7	5.8	0.0
10°	70.6	55.4	41.7	27.7	15.9	5.8	0.0
7.5°	71.2	55.8	42.1	27.9	16.0	5.8	0.0
5°	71.6	55.9	42.4	28.0	16.1	5.9	0.0
2.5°	71.9	56.0	42.5	28.0	16.2	5.9	0.0
0°	72.0	55.9	42.6	27.9	16.2	5.9	0.0
-2.5°	71.9	56.0	42.5	28.0	16.2	5.9	0.0
-5°	71.6	55.9	42.4	28.0	16.1	5.9	0.0
-7.5°	71.2	55.8	42.1	27.9	16.0	5.8	0.0
-10°	70.6	55.4	41.7	27.7	15.9	5.8	0.0
-12.5°	69.8	55.0	41.3	27.5	15.7	5.8	0.0
-15°	68.9	54.4	40.7	27.2	15.5	5.7	0.0
-17.5°	67.8	53.6	40.0	26.9	15.2	5.6	0.0
-20°	66.6	52.7	39.3	26.4	15.0	5.5	0.0

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CATALOG NUMBER: GFLD-SA1D-735-U-MR-XX

CANDELA DISTRIBUTION (continued):

	75°	77.5°	80°	82.5°	85°	87.5°	90°
-22.5°	65.3	51.6	38.4	25.9	14.6	5.5	0.0
-25°	63.9	50.4	37.5	25.3	14.3	5.3	0.0
-27.5°	62.2	49.0	36.5	24.6	13.9	5.2	0.0
-30°	60.4	47.5	35.5	23.8	13.4	5.1	0.0
-32.5°	58.4	45.9	34.3	23.0	13.0	5.0	0.0
-35°	56.3	44.2	33.0	22.1	12.5	4.8	0.0
-37.5°	54.1	42.4	31.6	21.1	11.9	4.7	0.0
-40°	51.8	40.6	30.2	20.1	11.4	4.5	0.0
-42.5°	49.3	38.6	28.6	19.0	10.8	4.3	0.0
-45°	46.7	36.6	27.0	17.8	10.2	4.2	0.0
-47.5°	43.9	34.4	25.4	16.5	9.5	4.0	0.0
-50°	41.2	32.2	23.6	15.4	8.8	3.8	0.0
-52.5°	38.3	29.8	21.8	14.4	8.1	3.6	0.0
-55°	35.3	27.5	20.0	13.3	7.4	3.4	0.0
-57.5°	32.2	25.1	18.1	12.2	6.7	3.2	0.0
-60°	29.1	22.6	16.1	11.0	5.9	2.9	0.0
-62.5°	26.0	20.1	14.5	9.8	5.4	2.7	0.0
-65°	23.0	17.5	12.9	8.6	5.0	2.5	0.0
-67.5°	19.8	15.2	11.3	7.4	4.5	2.3	0.0
-70°	16.6	13.1	9.6	6.1	4.0	2.0	0.0
-72.5°	14.0	11.0	7.9	5.3	3.5	1.8	0.0
-75°	11.4	8.8	6.2	4.6	3.1	1.5	0.0
-77.5°	8.8	6.7	5.1	3.8	2.6	1.3	0.0
-80°	6.2	5.1	4.1	3.1	2.0	1.0	0.0
-82.5°	4.6	3.8	3.1	2.3	1.5	0.8	0.0
-85°	3.1	2.6	2.0	1.5	1.0	0.5	0.0
-87.5°	1.5	1.3	1.0	0.8	0.5	0.3	0.0
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0

(END OF REPORT)