

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: P626627 (CONVERTED FROM TYPE C PHOTOMETRY)

Luminaire Tested: **GFLD-SA1B-740-U-MWR-XX**

Issue Date: 12/7/2022

Test Information

Test Method: LM-79-08
Report Number: P626627 (CONVERTED FROM TYPE C PHOTOMETRY)
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G2-2210-813-15)
Test Lab: COOPER LIGHTING SOLUTIONS
Issue Date: 12/7/2022
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: MCGRAW-EDISON
Catalog Number: GFLD-SA1B-740-U-MWR-XX
Description: GALLEON FLOOD, ONE LIGHT SQAURE, MEDIUM WIDE SYMMETRICAL ROUND N26
Light Source: (16) 4000K CCT, 70 CRI LEDS
Ballast/Driver: -

Summary

Lumens per Lamp: N/A
Luminaire Lumens: 4862.9 lumens
Efficiency: N/A
Efficacy: 145.2 lumens/watt
Luminous Opening: Rectangular (W 0.5' x L: 0.5' x H: 0')

NEMA Type: 5H x 5V
Max Intensity: 5713.7 candela
Max Intensity Angle: -7.5°H x 10°V

Beam Angle (50%): 51°H x 52.3°V
Beam Lumens: 3227.7 lumens
Beam Efficiency: 66.4%

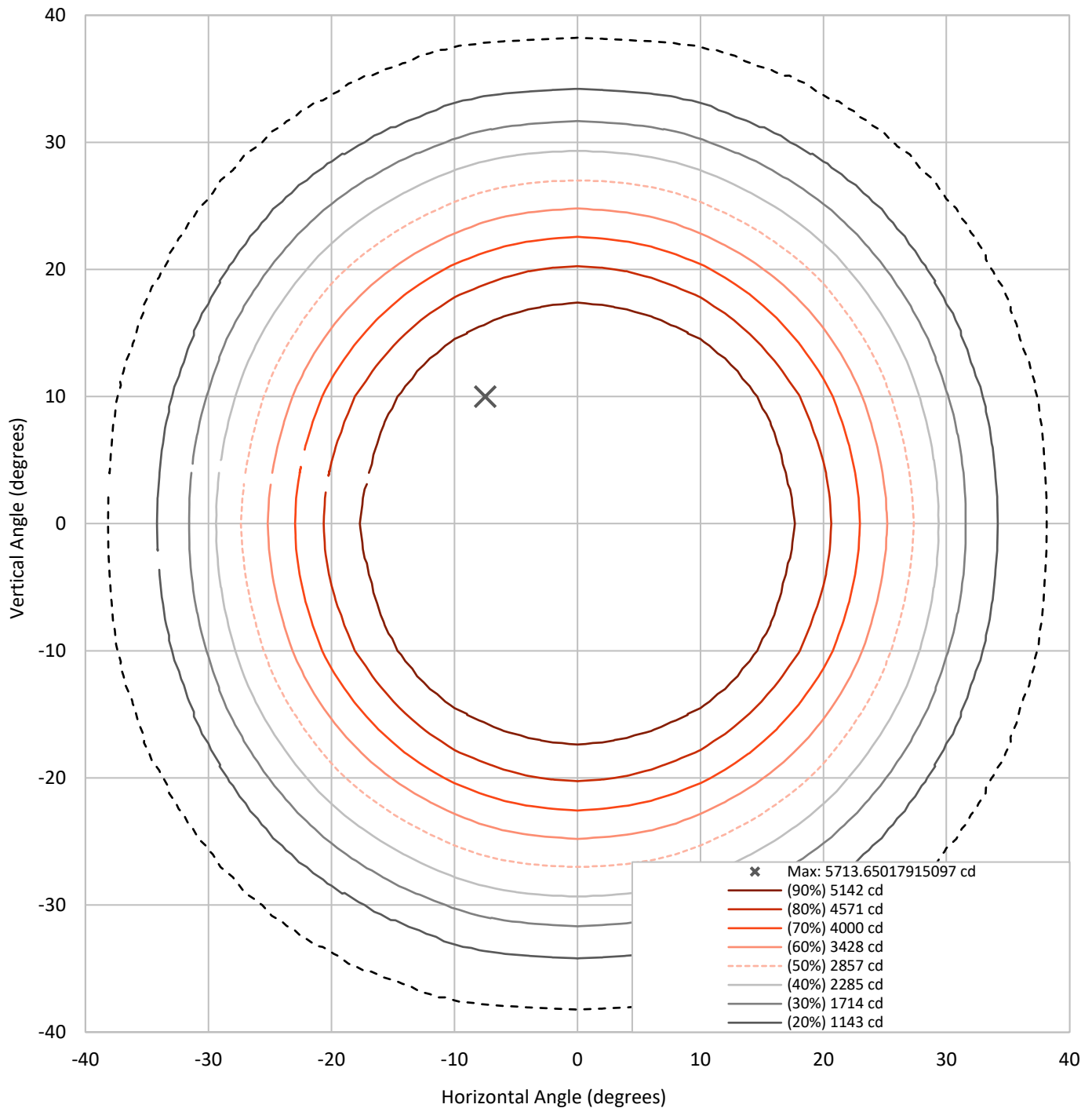
Field Angle (10%): 74.5°H x 75.5°V
Field Lumens: 4196.9 lumens
Field Efficiency: 86.3%

Input Watts (W): 33.5
Input Voltage (V): 120
Input Current (Ain): NR
Voltage Rise (V): NR
Power Factor: NR
Total Harmonic Distortion (THDi): NR
Frequency (hertz): 60
Stabilization Time: NR
Operation Time: NR
Ambient Temperature (°C): NR
Test Distance: 25 FT



REPORT NUMBER: P626627 (CONVERTED FROM TYPE C PHOTOMETRY)
CATALOG NUMBER: GFLD-SA1B-740-U-MWR-XX

Iso-Candela Plot





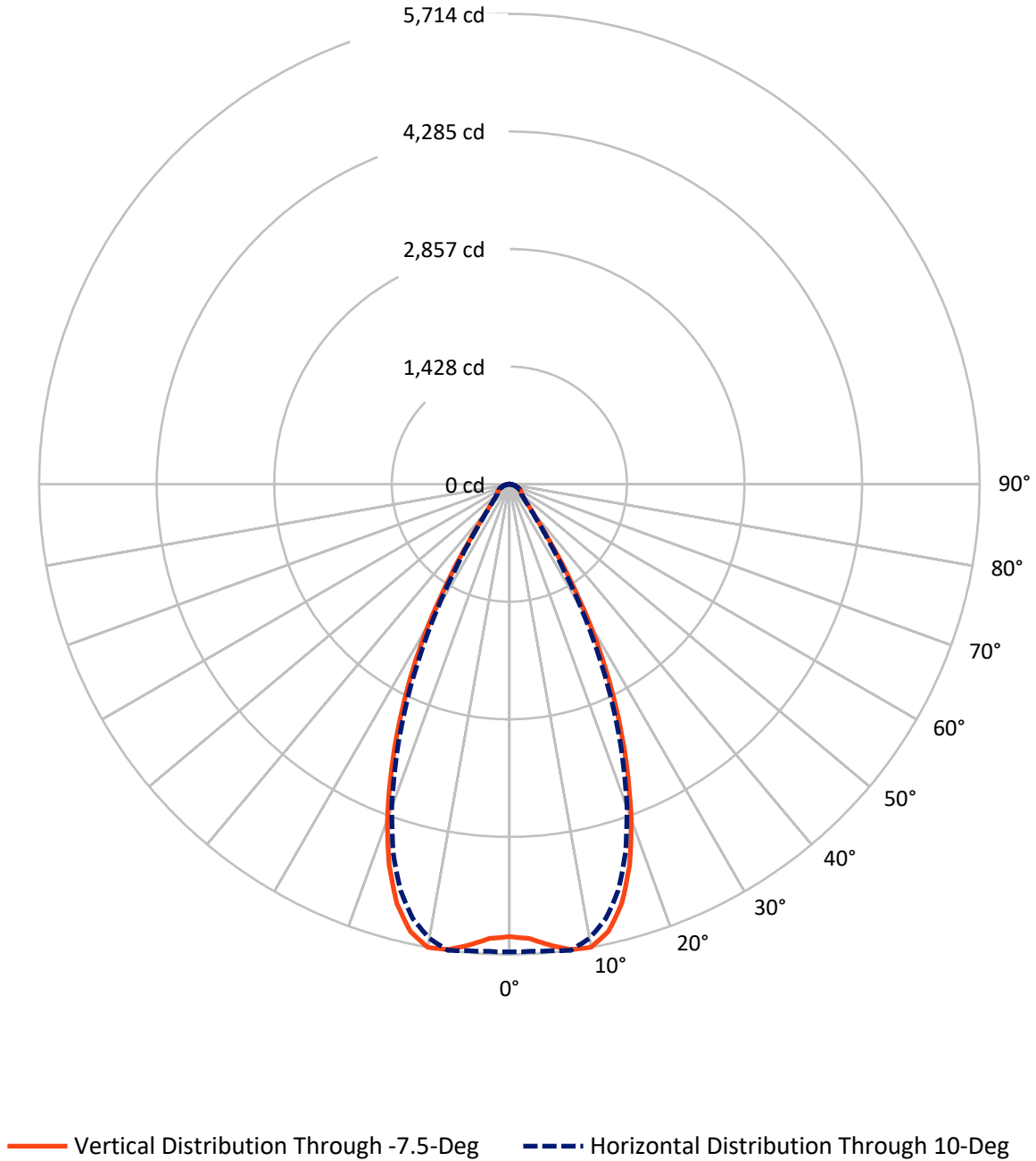
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Lumen Table

90	0.1	1.1	3.1	4.8	5.4	4.8	3.1	1.1	0.1										
80	0.1	1.1	3.1	4.8	5.4	4.8	3.1	1.1	0.1										
70	0.5	0.6	1.2	1.9	2.7	3.3	3.7	4.0	4.0	3.7	3.3	2.7	1.9	1.2	0.6	0.5			
60		0.9	1.8	2.8	3.7	4.5	5.1	5.3	5.3	5.1	4.5	3.7	2.8	1.8	0.9				
50	0.9	1.1	2.2	3.4	4.6	5.9	7.5	8.6	8.6	7.5	5.9	4.6	3.4	2.2	1.1	0.9			
40		1.3	2.6	3.9	6.1	11.1	21.2	31.4	31.4	21.2	11.1	6.1	3.9	2.6	1.3				
30	1.2	1.5	2.8	4.6	10.0	31.2	70.0	97.8	97.8	70.0	31.2	10.0	4.6	2.8	1.5	1.2			
20		1.6	3.0	5.4	18.0	66.6	127.1	159.1	159.1	127.1	66.6	18.0	5.4	3.0	1.6				
10	1.3	1.7	3.0	6.1	25.9	91.1	154.2	167.8	167.8	154.2	91.1	25.9	6.1	3.0	1.7	1.3			
0		1.7	3.0	6.1	25.9	91.1	154.2	167.8	167.8	154.2	91.1	25.9	6.1	3.0	1.7				
-10	1.2	1.6	3.0	5.4	18.0	66.6	127.1	159.1	159.1	127.1	66.6	18.0	5.4	3.0	1.6	1.2			
-20		1.5	2.8	4.6	10.0	31.2	70.0	97.8	97.8	70.0	31.2	10.0	4.6	2.8	1.5				
-30	0.9	1.3	2.6	3.9	6.1	11.1	21.2	31.4	31.4	21.2	11.1	6.1	3.9	2.6	1.3	0.9			
-40		1.1	2.2	3.4	4.6	5.9	7.5	8.6	8.6	7.5	5.9	4.6	3.4	2.2	1.1				
-50	0.5	0.9	1.8	2.8	3.7	4.5	5.1	5.3	5.3	5.1	4.5	3.7	2.8	1.8	0.9	0.5			
-60		0.6	1.2	1.9	2.7	3.3	3.7	4.0	4.0	3.7	3.3	2.7	1.9	1.2	0.6				
-70	0.1	1.1	3.1	4.8	5.4	4.8	3.1	1.1	0.1										
-80		0.1	1.1	3.1	4.8	5.4	4.8	3.1	1.1	0.1									
-90	0.1	1.1	3.1	4.8	5.4	4.8	3.1	1.1	0.1										
	-90	-80	-70	-60	-50	-40	-30	-20	-10	0	10	20	30	40	50	60	70	80	90

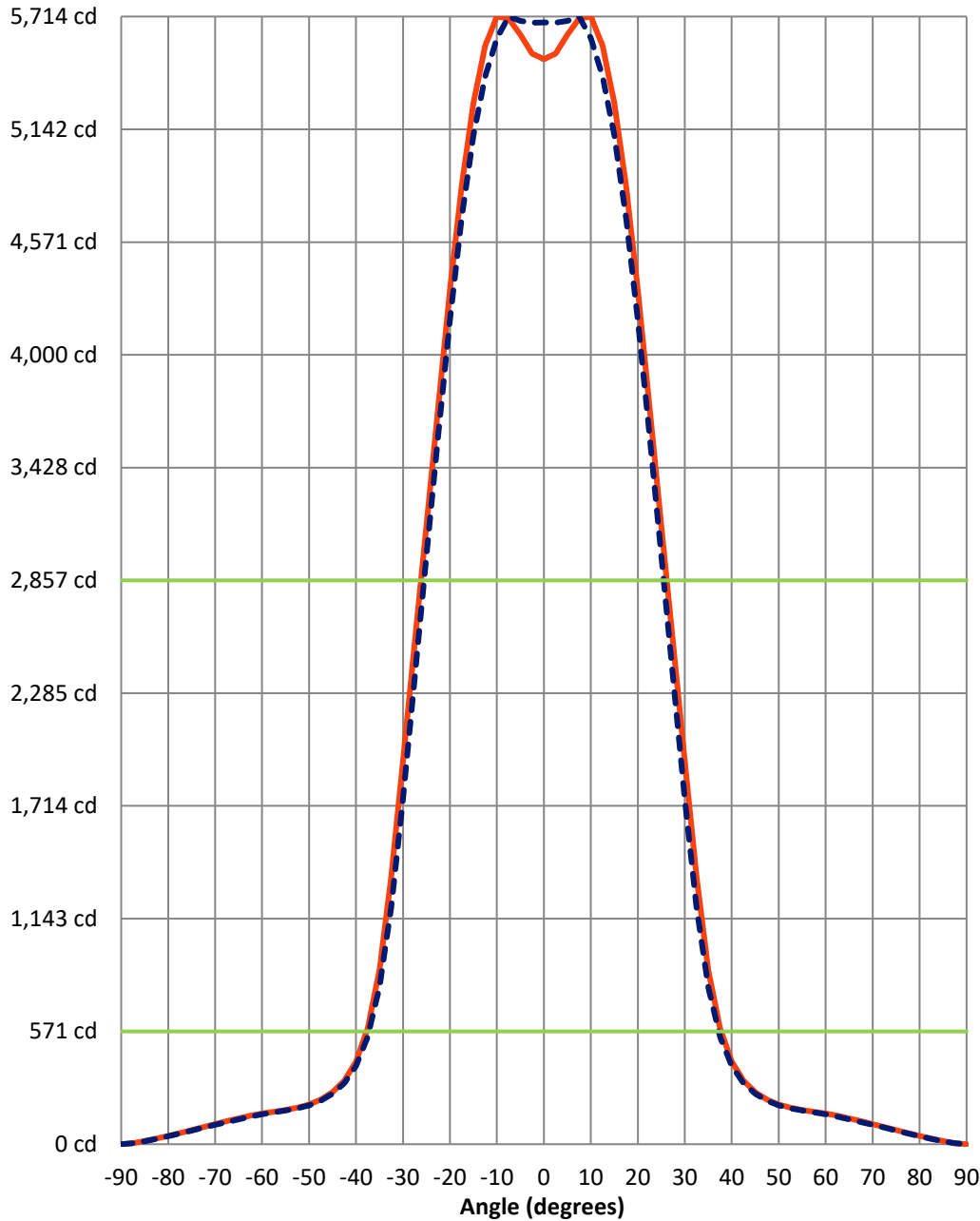
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Luminous Intensity Polar Plot



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Luminous Intensity Plot



Beam:
 H Angle: 51°
 V Angle: 52.3°
 Lumens: 3227.7
 Efficiency: 66.4%

Field:
 H Angle: 74.5°
 V Angle: 75.5°
 Lumens: 4196.9
 Efficiency: 86.3%

Spill:
 Lumens: 666
 Efficiency: 13.7%

— Vertical Distribution through -7.5-Deg
 - - Horizontal Distribution through 10-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	0.2	0.4	0.7	0.9	1.1	1.3	1.6	1.9	2.2	2.5
85°	0.0	0.4	0.9	1.3	1.7	2.2	2.6	3.2	3.8	4.4	5.1
82.5°	0.0	0.7	1.3	2.0	2.6	3.2	3.9	4.7	5.7	7.2	8.6
80°	0.0	0.9	1.7	2.6	3.5	4.3	5.3	7.4	9.3	11.1	12.8
77.5°	0.0	1.1	2.2	3.2	4.3	5.8	8.1	10.5	12.8	15.0	17.3
75°	0.0	1.3	2.6	3.9	5.3	8.1	10.9	13.7	16.4	19.6	22.7
72.5°	0.0	1.5	3.0	4.5	7.2	10.4	13.6	17.0	20.7	24.4	28.0
70°	0.0	1.7	3.4	5.3	9.0	12.7	16.4	20.7	24.9	29.1	33.5
67.5°	0.0	1.9	3.8	6.6	10.8	14.9	19.5	24.4	29.1	34.0	39.0
65°	0.0	2.1	4.2	7.9	12.5	17.3	22.6	28.0	33.3	38.8	44.6
62.5°	0.0	2.3	4.6	9.2	14.2	19.7	25.6	31.5	37.4	43.6	50.6
60°	0.0	2.5	5.0	10.5	15.9	22.1	28.5	35.0	41.4	48.9	56.5
57.5°	0.0	2.7	5.8	11.7	17.7	24.4	31.4	38.3	45.8	53.9	62.0
55°	0.0	2.9	6.6	12.9	19.5	26.7	34.2	41.6	50.1	58.8	67.4
52.5°	0.0	3.0	7.3	14.1	21.3	28.9	37.0	45.3	54.3	63.5	72.5
50°	0.0	3.2	8.1	15.2	22.9	31.2	39.7	48.8	58.3	68.0	77.5
47.5°	0.0	3.4	8.8	16.3	24.5	33.4	42.4	52.2	62.2	72.3	82.3
45°	0.0	3.5	9.4	17.4	26.0	35.5	45.2	55.4	65.9	76.5	87.0
42.5°	0.0	3.7	10.1	18.5	27.5	37.5	47.8	58.5	69.4	80.5	91.4
40°	0.0	3.8	10.7	19.5	28.9	39.5	50.3	61.4	72.8	84.3	95.6
37.5°	0.0	4.0	11.2	20.4	30.4	41.4	52.7	64.2	76.0	88.0	99.6
35°	0.0	4.1	11.7	21.3	31.9	43.2	54.9	66.8	79.1	91.4	103.4
32.5°	0.0	4.2	12.2	22.1	33.2	44.9	56.9	69.1	82.1	94.6	106.7
30°	0.0	4.3	12.7	22.9	34.4	46.5	58.8	71.4	84.9	97.6	109.9
27.5°	0.0	4.4	13.1	23.6	35.5	48.0	60.6	73.6	87.4	100.2	112.7
25°	0.0	4.5	13.5	24.2	36.6	49.4	62.2	75.6	89.6	102.6	115.3
22.5°	0.0	4.6	13.8	24.8	37.5	50.6	63.6	77.5	91.6	104.7	117.7
20°	0.0	4.7	14.1	25.3	38.3	51.6	64.9	79.2	93.3	106.6	119.8
17.5°	0.0	4.8	14.3	25.8	39.0	52.5	66.0	80.7	94.8	108.3	121.7
15°	0.0	4.8	14.6	26.2	39.6	53.2	67.0	82.1	96.1	109.7	123.3
12.5°	0.0	4.9	14.7	26.5	40.1	53.9	67.9	83.3	97.2	110.9	124.6
10°	0.0	4.9	14.9	26.7	40.5	54.4	68.7	84.2	98.2	112.0	125.7
7.5°	0.0	5.0	15.0	26.9	40.8	54.7	69.2	85.0	99.0	112.9	126.7
5°	0.0	5.0	15.0	27.0	41.0	55.0	69.7	85.6	99.6	113.5	127.4
2.5°	0.0	5.0	15.0	27.0	41.0	55.0	69.9	85.9	99.9	113.9	127.9
0°	0.0	5.0	15.0	27.0	41.0	55.0	70.0	86.0	100.0	114.0	128.0
-2.5°	0.0	5.0	15.0	27.0	41.0	55.0	69.9	85.9	99.9	113.9	127.9
-5°	0.0	5.0	15.0	27.0	41.0	55.0	69.7	85.6	99.6	113.5	127.4
-7.5°	0.0	5.0	15.0	26.9	40.8	54.7	69.2	85.0	99.0	112.9	126.7
-10°	0.0	4.9	14.9	26.7	40.5	54.4	68.7	84.2	98.2	112.0	125.7
-12.5°	0.0	4.9	14.7	26.5	40.1	53.9	67.9	83.3	97.2	110.9	124.6
-15°	0.0	4.8	14.6	26.2	39.6	53.2	67.0	82.1	96.1	109.7	123.3
-17.5°	0.0	4.8	14.3	25.8	39.0	52.5	66.0	80.7	94.8	108.3	121.7
-20°	0.0	4.7	14.1	25.3	38.3	51.6	64.9	79.2	93.3	106.6	119.8

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CATALOG NUMBER: GFLD-SA1B-740-U-MWR-XX

CANDELA DISTRIBUTION (continued):

	-90°	-87.5°	-85°	-82.5°	-80°	-77.5°	-75°	-72.5°	-70°	-67.5°	-65°
-22.5°	0.0	4.6	13.8	24.8	37.5	50.6	63.6	77.5	91.6	104.7	117.7
-25°	0.0	4.5	13.5	24.2	36.6	49.4	62.2	75.6	89.6	102.6	115.3
-27.5°	0.0	4.4	13.1	23.6	35.5	48.0	60.6	73.6	87.4	100.2	112.7
-30°	0.0	4.3	12.7	22.9	34.4	46.5	58.8	71.4	84.9	97.6	109.9
-32.5°	0.0	4.2	12.2	22.1	33.2	44.9	56.9	69.1	82.1	94.6	106.7
-35°	0.0	4.1	11.7	21.3	31.9	43.2	54.9	66.8	79.1	91.4	103.4
-37.5°	0.0	4.0	11.2	20.4	30.4	41.4	52.7	64.2	76.0	88.0	99.6
-40°	0.0	3.8	10.7	19.5	28.9	39.5	50.3	61.4	72.8	84.3	95.6
-42.5°	0.0	3.7	10.1	18.5	27.5	37.5	47.8	58.5	69.4	80.5	91.4
-45°	0.0	3.5	9.4	17.4	26.0	35.5	45.2	55.4	65.9	76.5	87.0
-47.5°	0.0	3.4	8.8	16.3	24.5	33.4	42.4	52.2	62.2	72.3	82.3
-50°	0.0	3.2	8.1	15.2	22.9	31.2	39.7	48.8	58.3	68.0	77.5
-52.5°	0.0	3.0	7.3	14.1	21.3	28.9	37.0	45.3	54.3	63.5	72.5
-55°	0.0	2.9	6.6	12.9	19.5	26.7	34.2	41.6	50.1	58.8	67.4
-57.5°	0.0	2.7	5.8	11.7	17.7	24.4	31.4	38.3	45.8	53.9	62.0
-60°	0.0	2.5	5.0	10.5	15.9	22.1	28.5	35.0	41.4	48.9	56.5
-62.5°	0.0	2.3	4.6	9.2	14.2	19.7	25.6	31.5	37.4	43.6	50.6
-65°	0.0	2.1	4.2	7.9	12.5	17.3	22.6	28.0	33.3	38.8	44.6
-67.5°	0.0	1.9	3.8	6.6	10.8	14.9	19.5	24.4	29.1	34.0	39.0
-70°	0.0	1.7	3.4	5.3	9.0	12.7	16.4	20.7	24.9	29.1	33.5
-72.5°	0.0	1.5	3.0	4.5	7.2	10.4	13.6	17.0	20.7	24.4	28.0
-75°	0.0	1.3	2.6	3.9	5.3	8.1	10.9	13.7	16.4	19.6	22.7
-77.5°	0.0	1.1	2.2	3.2	4.3	5.8	8.1	10.5	12.8	15.0	17.3
-80°	0.0	0.9	1.7	2.6	3.5	4.3	5.3	7.4	9.3	11.1	12.8
-82.5°	0.0	0.7	1.3	2.0	2.6	3.2	3.9	4.7	5.7	7.2	8.6
-85°	0.0	0.4	0.9	1.3	1.7	2.2	2.6	3.2	3.8	4.4	5.1
-87.5°	0.0	0.2	0.4	0.7	0.9	1.1	1.3	1.6	1.9	2.2	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°	2.8	3.0	3.2	3.4	3.7	3.9	4.1	4.2	4.4	4.6	4.8
85°	5.5	6.0	6.8	7.6	8.4	9.1	9.9	10.5	11.2	11.8	12.4
82.5°	9.9	11.2	12.5	13.9	15.1	16.2	17.3	18.4	19.6	20.7	21.8
80°	14.6	16.4	18.4	20.4	22.1	23.8	25.3	26.9	28.5	30.3	32.1
77.5°	20.0	22.5	25.0	27.2	29.4	31.8	34.1	36.3	38.6	40.9	43.1
75°	25.7	28.7	31.8	34.8	37.8	40.6	43.4	46.3	49.2	52.0	54.7
72.5°	31.7	35.4	39.1	42.6	46.3	49.9	53.3	56.7	60.1	63.6	67.0
70°	37.9	42.1	46.6	51.0	55.1	59.3	63.5	67.6	71.5	75.6	79.6
67.5°	44.1	49.5	54.5	59.3	64.2	69.1	73.9	78.8	83.5	88.2	92.7
65°	51.0	56.8	62.4	67.9	73.4	79.2	84.8	90.2	95.7	101.0	105.7
62.5°	57.7	64.0	70.1	76.3	82.9	89.4	95.6	101.8	108.1	113.7	118.5
60°	63.9	70.8	77.7	84.8	92.1	99.1	106.0	112.7	119.6	125.9	129.8
57.5°	69.9	77.5	85.1	92.8	100.5	108.3	115.5	123.0	129.3	134.7	139.2
55°	75.8	84.0	92.1	100.2	108.5	116.6	124.5	131.6	137.7	142.2	146.6
52.5°	81.4	90.2	98.5	107.2	116.0	124.7	132.9	139.5	144.5	149.1	153.2
50°	86.9	95.8	104.6	114.1	123.4	132.5	140.3	146.0	151.2	155.6	159.9
47.5°	92.1	101.3	110.8	120.7	130.5	139.3	146.4	152.4	157.7	162.5	167.6
45°	97.1	106.9	116.8	127.1	137.1	145.6	152.5	158.9	163.9	169.3	175.1
42.5°	101.9	112.2	122.6	133.2	143.3	151.3	158.1	164.1	169.9	176.3	183.3
40°	106.5	117.2	128.1	139.1	149.2	156.3	163.0	169.3	176.3	183.9	192.1
37.5°	110.8	121.9	133.2	144.7	153.5	160.8	167.7	174.7	182.9	191.7	202.8
35°	114.8	126.3	138.0	149.0	157.4	165.1	172.2	180.0	189.6	201.2	215.4
32.5°	118.5	130.3	142.4	152.5	161.0	169.0	176.3	186.0	197.5	211.3	231.4
30°	121.9	134.0	146.1	155.9	164.2	172.2	181.1	192.1	205.5	225.6	251.3
27.5°	125.1	137.4	149.1	158.7	167.0	175.3	185.7	199.1	216.8	240.7	272.7
25°	128.0	140.6	151.9	161.1	169.7	178.9	190.2	205.2	228.5	259.4	302.6
22.5°	130.7	143.6	154.6	163.2	172.2	182.2	195.4	214.1	241.0	277.1	332.8
20°	133.0	145.8	156.6	165.2	174.5	184.9	199.9	222.5	254.9	301.7	372.8
17.5°	135.1	147.7	158.1	167.0	176.8	187.9	204.4	229.8	267.3	323.2	413.3
15°	136.9	149.3	159.4	168.6	178.7	191.4	210.6	239.4	281.8	345.6	448.6
12.5°	138.3	150.7	160.5	169.9	180.3	194.4	215.9	248.4	296.7	373.1	500.6
10°	139.5	151.7	161.3	171.0	181.6	196.7	220.2	255.8	309.2	396.9	544.9
7.5°	140.6	152.5	161.8	171.7	182.5	198.5	223.5	261.5	318.7	415.5	580.0
5°	141.4	153.0	162.1	172.1	183.2	199.6	225.8	265.4	325.2	428.9	604.7
2.5°	141.8	153.1	162.2	172.2	183.8	200.1	226.9	267.6	330.4	435.2	618.0
0°	142.0	153.0	162.0	172.0	184.0	200.0	227.0	268.0	333.0	435.0	620.0
-2.5°	141.8	153.1	162.2	172.2	183.8	200.1	226.9	267.6	330.4	435.2	618.0
-5°	141.4	153.0	162.1	172.1	183.2	199.6	225.8	265.4	325.2	428.9	604.7
-7.5°	140.6	152.5	161.8	171.7	182.5	198.5	223.5	261.5	318.7	415.5	580.0
-10°	139.5	151.7	161.3	171.0	181.6	196.7	220.2	255.8	309.2	396.9	544.9
-12.5°	138.3	150.7	160.5	169.9	180.3	194.4	215.9	248.4	296.7	373.1	500.6
-15°	136.9	149.3	159.4	168.6	178.7	191.4	210.6	239.4	281.8	345.6	448.6
-17.5°	135.1	147.7	158.1	167.0	176.8	187.9	204.4	229.8	267.3	323.2	413.3
-20°	133.0	145.8	156.6	165.2	174.5	184.9	199.9	222.5	254.9	301.7	372.8

Classified

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

Scaled Data Report



REPORT NUMBER: P626627 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA1B-740-U-MWR-XX

CANDELA DISTRIBUTION (continued):

	-62.5°	-60°	-57.5°	-55°	-52.5°	-50°	-47.5°	-45°	-42.5°	-40°	-37.5°
-22.5°	130.7	143.6	154.6	163.2	172.2	182.2	195.4	214.1	241.0	277.1	332.8
-25°	128.0	140.6	151.9	161.1	169.7	178.9	190.2	205.2	228.5	259.4	302.6
-27.5°	125.1	137.4	149.1	158.7	167.0	175.3	185.7	199.1	216.8	240.7	272.7
-30°	121.9	134.0	146.1	155.9	164.2	172.2	181.1	192.1	205.5	225.6	251.3
-32.5°	118.5	130.3	142.4	152.5	161.0	169.0	176.3	186.0	197.5	211.3	231.4
-35°	114.8	126.3	138.0	149.0	157.4	165.1	172.2	180.0	189.6	201.2	215.4
-37.5°	110.8	121.9	133.2	144.7	153.5	160.8	167.7	174.7	182.9	191.7	202.8
-40°	106.5	117.2	128.1	139.1	149.2	156.3	163.0	169.3	176.3	183.9	192.1
-42.5°	101.9	112.2	122.6	133.2	143.3	151.3	158.1	164.1	169.9	176.3	183.3
-45°	97.1	106.9	116.8	127.1	137.1	145.6	152.5	158.9	163.9	169.3	175.1
-47.5°	92.1	101.3	110.8	120.7	130.5	139.3	146.4	152.4	157.7	162.5	167.6
-50°	86.9	95.8	104.6	114.1	123.4	132.5	140.3	146.0	151.2	155.6	159.9
-52.5°	81.4	90.2	98.5	107.2	116.0	124.7	132.9	139.5	144.5	149.1	153.2
-55°	75.8	84.0	92.1	100.2	108.5	116.6	124.5	131.6	137.7	142.2	146.6
-57.5°	69.9	77.5	85.1	92.8	100.5	108.3	115.5	123.0	129.3	134.7	139.2
-60°	63.9	70.8	77.7	84.8	92.1	99.1	106.0	112.7	119.6	125.9	129.8
-62.5°	57.7	64.0	70.1	76.3	82.9	89.4	95.6	101.8	108.1	113.7	118.5
-65°	51.0	56.8	62.4	67.9	73.4	79.2	84.8	90.2	95.7	101.0	105.7
-67.5°	44.1	49.5	54.5	59.3	64.2	69.1	73.9	78.8	83.5	88.2	92.7
-70°	37.9	42.1	46.6	51.0	55.1	59.3	63.5	67.6	71.5	75.6	79.6
-72.5°	31.7	35.4	39.1	42.6	46.3	49.9	53.3	56.7	60.1	63.6	67.0
-75°	25.7	28.7	31.8	34.8	37.8	40.6	43.4	46.3	49.2	52.0	54.7
-77.5°	20.0	22.5	25.0	27.2	29.4	31.8	34.1	36.3	38.6	40.9	43.1
-80°	14.6	16.4	18.4	20.4	22.1	23.8	25.3	26.9	28.5	30.3	32.1
-82.5°	9.9	11.2	12.5	13.9	15.1	16.2	17.3	18.4	19.6	20.7	21.8
-85°	5.5	6.0	6.8	7.6	8.4	9.1	9.9	10.5	11.2	11.8	12.4
-87.5°	2.8	3.0	3.2	3.4	3.7	3.9	4.1	4.2	4.4	4.6	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



REPORT NUMBER: P626627 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA1B-740-U-MWR-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°	4.9	4.9	4.8	4.7	4.5	4.8	5.2	5.5	5.8	5.6	5.4
85°	13.0	13.3	13.6	13.8	13.9	14.6	15.2	15.7	16.2	16.2	16.2
82.5°	22.9	23.6	24.3	24.8	25.3	26.1	26.7	27.3	27.8	28.1	28.4
80°	33.8	34.9	36.0	36.9	37.7	38.7	39.6	40.4	41.1	41.5	41.7
77.5°	45.2	47.0	48.5	50.0	51.4	52.8	54.1	55.2	56.2	56.5	56.4
75°	57.3	59.7	61.9	63.9	65.8	67.4	68.8	70.0	70.9	71.4	71.6
72.5°	70.1	73.0	75.6	78.0	80.0	81.6	83.1	84.3	85.4	86.1	86.4
70°	83.5	86.9	89.5	91.7	93.5	95.1	97.0	98.8	100.4	101.4	101.7
67.5°	96.8	100.4	102.8	104.8	106.4	108.0	110.4	112.5	114.4	115.6	116.4
65°	109.9	113.7	116.1	118.0	119.5	121.1	123.7	125.8	127.4	128.7	129.8
62.5°	122.9	126.6	129.3	131.6	133.7	135.5	137.7	139.4	140.8	142.1	143.5
60°	134.1	138.5	141.4	143.7	146.3	149.1	150.7	152.0	153.2	154.2	155.0
57.5°	143.2	147.2	150.9	153.6	156.4	159.0	160.8	162.1	163.1	163.8	164.1
55°	150.9	155.0	159.1	162.1	164.8	167.2	169.2	170.9	172.2	173.2	173.5
52.5°	157.7	162.4	166.4	169.8	173.4	176.2	178.5	180.7	182.6	184.2	184.8
50°	165.2	170.0	175.1	179.7	183.5	186.7	189.5	192.6	195.8	198.5	200.2
47.5°	173.1	178.6	184.7	190.4	194.9	199.7	204.3	208.9	214.9	220.0	223.8
45°	181.3	188.4	195.3	202.6	208.7	217.9	226.5	233.8	243.5	252.4	259.4
42.5°	191.0	199.9	208.4	220.0	232.2	244.8	258.3	269.9	285.1	300.6	313.1
40°	202.5	213.8	228.8	244.5	263.7	281.0	304.4	325.2	348.6	378.1	402.5
37.5°	216.3	233.8	254.6	276.5	306.5	335.2	373.9	414.7	451.7	508.4	556.2
35°	234.3	258.8	286.2	324.8	367.3	421.1	481.5	560.2	627.7	723.5	815.0
32.5°	257.4	288.9	333.7	393.3	456.1	553.8	649.6	786.3	912.8	1064.6	1228.5
30°	283.2	331.1	399.5	481.3	598.5	742.2	910.9	1120.9	1350.7	1564.1	1774.4
27.5°	320.5	389.2	479.0	611.0	793.7	994.7	1290.4	1575.5	1872.8	2137.2	2357.7
25°	364.1	454.9	593.8	788.0	1035.1	1379.4	1733.4	2085.2	2405.0	2681.8	2925.4
22.5°	420.4	550.9	736.1	987.7	1372.6	1785.1	2200.2	2588.3	2929.5	3237.7	3501.4
20°	481.6	645.0	909.4	1284.6	1724.7	2194.7	2663.5	3076.9	3452.5	3801.9	4099.1
17.5°	559.2	787.9	1122.8	1573.0	2081.7	2596.7	3089.2	3537.8	3963.9	4333.7	4644.3
15°	625.4	913.9	1350.9	1878.9	2429.2	2972.5	3492.4	3979.6	4422.7	4802.1	5094.0
12.5°	713.5	1055.0	1553.5	2141.8	2738.3	3309.8	3857.5	4361.1	4812.0	5187.2	5414.4
10°	796.9	1201.1	1749.2	2362.8	2982.5	3591.5	4176.2	4692.7	5111.3	5409.8	5603.4
7.5°	867.8	1326.7	1908.4	2541.5	3176.5	3813.2	4405.1	4907.6	5293.6	5542.9	5677.7
5°	920.7	1420.6	2026.6	2686.6	3338.2	3986.1	4573.4	5045.1	5378.7	5563.9	5631.6
2.5°	954.4	1475.8	2095.2	2781.8	3446.4	4095.5	4688.9	5153.1	5436.2	5559.0	5570.6
0°	967.9	1482.9	2105.8	2831.8	3473.7	4126.7	4721.7	5197.6	5457.6	5558.6	5556.6
-2.5°	954.4	1475.8	2095.2	2781.8	3446.4	4095.5	4688.9	5153.1	5436.2	5559.0	5570.6
-5°	920.7	1420.6	2026.6	2686.6	3338.2	3986.1	4573.4	5045.1	5378.7	5563.9	5631.6
-7.5°	867.8	1326.7	1908.4	2541.5	3176.5	3813.2	4405.1	4907.6	5293.6	5542.9	5677.7
-10°	796.9	1201.1	1749.2	2362.8	2982.5	3591.5	4176.2	4692.7	5111.3	5409.8	5603.4
-12.5°	713.5	1055.0	1553.5	2141.8	2738.3	3309.8	3857.5	4361.1	4812.0	5187.2	5414.4
-15°	625.4	913.9	1350.9	1878.9	2429.2	2972.5	3492.4	3979.6	4422.7	4802.1	5094.0
-17.5°	559.2	787.9	1122.8	1573.0	2081.7	2596.7	3089.2	3537.8	3963.9	4333.7	4644.3
-20°	481.6	645.0	909.4	1284.6	1724.7	2194.7	2663.5	3076.9	3452.5	3801.9	4099.1

Classified

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

Scaled Data Report



REPORT NUMBER: P626627 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA1B-740-U-MWR-XX

CANDELA DISTRIBUTION (continued):

	-35°	-32.5°	-30°	-27.5°	-25°	-22.5°	-20°	-17.5°	-15°	-12.5°	-10°
-22.5°	420.4	550.9	736.1	987.7	1372.6	1785.1	2200.2	2588.3	2929.5	3237.7	3501.4
-25°	364.1	454.9	593.8	788.0	1035.1	1379.4	1733.4	2085.2	2405.0	2681.8	2925.4
-27.5°	320.5	389.2	479.0	611.0	793.7	994.7	1290.4	1575.5	1872.8	2137.2	2357.7
-30°	283.2	331.1	399.5	481.3	598.5	742.2	910.9	1120.9	1350.7	1564.1	1774.4
-32.5°	257.4	288.9	333.7	393.3	456.1	553.8	649.6	786.3	912.8	1064.6	1228.5
-35°	234.3	258.8	286.2	324.8	367.3	421.1	481.5	560.2	627.7	723.5	815.0
-37.5°	216.3	233.8	254.6	276.5	306.5	335.2	373.9	414.7	451.7	508.4	556.2
-40°	202.5	213.8	228.8	244.5	263.7	281.0	304.4	325.2	348.6	378.1	402.5
-42.5°	191.0	199.9	208.4	220.0	232.2	244.8	258.3	269.9	285.1	300.6	313.1
-45°	181.3	188.4	195.3	202.6	208.7	217.9	226.5	233.8	243.5	252.4	259.4
-47.5°	173.1	178.6	184.7	190.4	194.9	199.7	204.3	208.9	214.9	220.0	223.8
-50°	165.2	170.0	175.1	179.7	183.5	186.7	189.5	192.6	195.8	198.5	200.2
-52.5°	157.7	162.4	166.4	169.8	173.4	176.2	178.5	180.7	182.6	184.2	184.8
-55°	150.9	155.0	159.1	162.1	164.8	167.2	169.2	170.9	172.2	173.2	173.5
-57.5°	143.2	147.2	150.9	153.6	156.4	159.0	160.8	162.1	163.1	163.8	164.1
-60°	134.1	138.5	141.4	143.7	146.3	149.1	150.7	152.0	153.2	154.2	155.0
-62.5°	122.9	126.6	129.3	131.6	133.7	135.5	137.7	139.4	140.8	142.1	143.5
-65°	109.9	113.7	116.1	118.0	119.5	121.1	123.7	125.8	127.4	128.7	129.8
-67.5°	96.8	100.4	102.8	104.8	106.4	108.0	110.4	112.5	114.4	115.6	116.4
-70°	83.5	86.9	89.5	91.7	93.5	95.1	97.0	98.8	100.4	101.4	101.7
-72.5°	70.1	73.0	75.6	78.0	80.0	81.6	83.1	84.3	85.4	86.1	86.4
-75°	57.3	59.7	61.9	63.9	65.8	67.4	68.8	70.0	70.9	71.4	71.6
-77.5°	45.2	47.0	48.5	50.0	51.4	52.8	54.1	55.2	56.2	56.5	56.4
-80°	33.8	34.9	36.0	36.9	37.7	38.7	39.6	40.4	41.1	41.5	41.7
-82.5°	22.9	23.6	24.3	24.8	25.3	26.1	26.7	27.3	27.8	28.1	28.4
-85°	13.0	13.3	13.6	13.8	13.9	14.6	15.2	15.7	16.2	16.2	16.2
-87.5°	4.9	4.9	4.8	4.7	4.5	4.8	5.2	5.5	5.8	5.6	5.4
-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: P626627 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA1B-740-U-MWR-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°	5.2	5.0	5.0	5.0	5.0	5.0	5.2	5.4	5.6	5.8	5.5
85°	16.1	15.9	15.5	15.0	15.5	15.9	16.1	16.2	16.2	16.2	15.7
82.5°	28.7	28.9	28.5	28.0	28.5	28.9	28.7	28.4	28.1	27.8	27.3
80°	41.8	41.8	41.5	41.0	41.5	41.8	41.8	41.7	41.5	41.1	40.4
77.5°	56.2	55.8	55.9	56.0	55.9	55.8	56.2	56.4	56.5	56.2	55.2
75°	71.7	71.7	71.4	71.0	71.4	71.7	71.7	71.6	71.4	70.9	70.0
72.5°	86.6	86.6	86.4	86.0	86.4	86.6	86.6	86.4	86.1	85.4	84.3
70°	101.8	101.6	101.9	102.0	101.9	101.6	101.8	101.7	101.4	100.4	98.8
67.5°	117.1	117.5	117.4	117.0	117.4	117.5	117.1	116.4	115.6	114.4	112.5
65°	130.8	131.4	131.9	132.0	131.9	131.4	130.8	129.8	128.7	127.4	125.8
62.5°	144.6	145.4	145.4	145.0	145.4	145.4	144.6	143.5	142.1	140.8	139.4
60°	155.5	155.6	155.5	155.0	155.5	155.6	155.5	155.0	154.2	153.2	152.0
57.5°	164.1	163.8	163.5	163.0	163.5	163.8	164.1	164.1	163.8	163.1	162.1
55°	173.4	172.9	172.5	172.0	172.5	172.9	173.4	173.5	173.2	172.2	170.9
52.5°	185.0	184.7	184.4	184.0	184.4	184.7	185.0	184.8	184.2	182.6	180.7
50°	201.1	201.4	201.3	201.0	201.3	201.4	201.1	200.2	198.5	195.8	192.6
47.5°	226.2	227.6	228.5	229.0	228.5	227.6	226.2	223.8	220.0	214.9	208.9
45°	263.9	266.5	268.4	270.0	268.4	266.5	263.9	259.4	252.4	243.5	233.8
42.5°	321.9	327.9	330.7	330.0	330.7	327.9	321.9	313.1	300.6	285.1	269.9
40°	418.7	428.4	433.7	438.0	433.7	428.4	418.7	402.5	378.1	348.6	325.2
37.5°	588.8	607.6	617.4	626.0	617.4	607.6	588.8	556.2	508.4	451.7	414.7
35°	883.4	925.5	948.1	955.9	948.1	925.5	883.4	815.0	723.5	627.7	560.2
32.5°	1356.0	1433.7	1476.7	1509.9	1476.7	1433.7	1356.0	1228.5	1064.6	912.8	786.3
30°	1940.8	2043.2	2100.0	2127.8	2100.0	2043.2	1940.8	1774.4	1564.1	1350.7	1120.9
27.5°	2540.4	2656.8	2718.1	2714.8	2718.1	2656.8	2540.4	2357.7	2137.2	1872.8	1575.5
25°	3134.2	3269.0	3330.1	3384.8	3330.1	3269.0	3134.2	2925.4	2681.8	2405.0	2085.2
22.5°	3734.8	3892.4	3978.4	4018.7	3978.4	3892.4	3734.8	3501.4	3237.7	2929.5	2588.3
20°	4328.2	4503.6	4594.9	4634.7	4594.9	4503.6	4328.2	4099.1	3801.9	3452.5	3076.9
17.5°	4854.4	5025.7	5112.7	5149.6	5112.7	5025.7	4854.4	4644.3	4333.7	3963.9	3537.8
15°	5274.6	5401.0	5475.0	5494.6	5475.0	5401.0	5274.6	5094.0	4802.1	4422.7	3979.6
12.5°	5565.1	5614.1	5649.7	5660.6	5649.7	5614.1	5565.1	5414.4	5187.2	4812.0	4361.1
10°	5713.7	5691.6	5682.4	5683.6	5682.4	5691.6	5713.7	5603.4	5409.8	5111.3	4692.7
7.5°	5703.4	5670.7	5605.1	5594.6	5605.1	5670.7	5703.4	5677.7	5542.9	5293.6	4907.6
5°	5621.5	5561.9	5452.9	5421.6	5452.9	5561.9	5621.5	5631.6	5563.9	5378.7	5045.1
2.5°	5526.0	5418.6	5318.2	5253.6	5318.2	5418.6	5526.0	5570.6	5559.0	5436.2	5153.1
0°	5497.6	5373.6	5243.6	5201.6	5243.6	5373.6	5497.6	5556.6	5558.6	5457.6	5197.6
-2.5°	5526.0	5418.6	5318.2	5253.6	5318.2	5418.6	5526.0	5570.6	5559.0	5436.2	5153.1
-5°	5621.5	5561.9	5452.9	5421.6	5452.9	5561.9	5621.5	5631.6	5563.9	5378.7	5045.1
-7.5°	5703.4	5670.7	5605.1	5594.6	5605.1	5670.7	5703.4	5677.7	5542.9	5293.6	4907.6
-10°	5713.7	5691.6	5682.4	5683.6	5682.4	5691.6	5713.7	5603.4	5409.8	5111.3	4692.7
-12.5°	5565.1	5614.1	5649.7	5660.6	5649.7	5614.1	5565.1	5414.4	5187.2	4812.0	4361.1
-15°	5274.6	5401.0	5475.0	5494.6	5475.0	5401.0	5274.6	5094.0	4802.1	4422.7	3979.6
-17.5°	4854.4	5025.7	5112.7	5149.6	5112.7	5025.7	4854.4	4644.3	4333.7	3963.9	3537.8
-20°	4328.2	4503.6	4594.9	4634.7	4594.9	4503.6	4328.2	4099.1	3801.9	3452.5	3076.9



REPORT NUMBER: P626627 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA1B-740-U-MWR-XX

CANDELA DISTRIBUTION (continued):

	-7.5°	-5°	-2.5°	0°	2.5°	5°	7.5°	10°	12.5°	15°	17.5°
-22.5°	3734.8	3892.4	3978.4	4018.7	3978.4	3892.4	3734.8	3501.4	3237.7	2929.5	2588.3
-25°	3134.2	3269.0	3330.1	3384.8	3330.1	3269.0	3134.2	2925.4	2681.8	2405.0	2085.2
-27.5°	2540.4	2656.8	2718.1	2714.8	2718.1	2656.8	2540.4	2357.7	2137.2	1872.8	1575.5
-30°	1940.8	2043.2	2100.0	2127.8	2100.0	2043.2	1940.8	1774.4	1564.1	1350.7	1120.9
-32.5°	1356.0	1433.7	1476.7	1509.9	1476.7	1433.7	1356.0	1228.5	1064.6	912.8	786.3
-35°	883.4	925.5	948.1	955.9	948.1	925.5	883.4	815.0	723.5	627.7	560.2
-37.5°	588.8	607.6	617.4	626.0	617.4	607.6	588.8	556.2	508.4	451.7	414.7
-40°	418.7	428.4	433.7	438.0	433.7	428.4	418.7	402.5	378.1	348.6	325.2
-42.5°	321.9	327.9	330.7	330.0	330.7	327.9	321.9	313.1	300.6	285.1	269.9
-45°	263.9	266.5	268.4	270.0	268.4	266.5	263.9	259.4	252.4	243.5	233.8
-47.5°	226.2	227.6	228.5	229.0	228.5	227.6	226.2	223.8	220.0	214.9	208.9
-50°	201.1	201.4	201.3	201.0	201.3	201.4	201.1	200.2	198.5	195.8	192.6
-52.5°	185.0	184.7	184.4	184.0	184.4	184.7	185.0	184.8	184.2	182.6	180.7
-55°	173.4	172.9	172.5	172.0	172.5	172.9	173.4	173.5	173.2	172.2	170.9
-57.5°	164.1	163.8	163.5	163.0	163.5	163.8	164.1	164.1	163.8	163.1	162.1
-60°	155.5	155.6	155.5	155.0	155.5	155.6	155.5	155.0	154.2	153.2	152.0
-62.5°	144.6	145.4	145.4	145.0	145.4	145.4	144.6	143.5	142.1	140.8	139.4
-65°	130.8	131.4	131.9	132.0	131.9	131.4	130.8	129.8	128.7	127.4	125.8
-67.5°	117.1	117.5	117.4	117.0	117.4	117.5	117.1	116.4	115.6	114.4	112.5
-70°	101.8	101.6	101.9	102.0	101.9	101.6	101.8	101.7	101.4	100.4	98.8
-72.5°	86.6	86.6	86.4	86.0	86.4	86.6	86.6	86.4	86.1	85.4	84.3
-75°	71.7	71.7	71.4	71.0	71.4	71.7	71.7	71.6	71.4	70.9	70.0
-77.5°	56.2	55.8	55.9	56.0	55.9	55.8	56.2	56.4	56.5	56.2	55.2
-80°	41.8	41.8	41.5	41.0	41.5	41.8	41.8	41.7	41.5	41.1	40.4
-82.5°	28.7	28.9	28.5	28.0	28.5	28.9	28.7	28.4	28.1	27.8	27.3
-85°	16.1	15.9	15.5	15.0	15.5	15.9	16.1	16.2	16.2	16.2	15.7
-87.5°	5.2	5.0	5.0	5.0	5.0	5.0	5.2	5.4	5.6	5.8	5.5
-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: P626627 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA1B-740-U-MWR-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°	5.2	4.8	4.5	4.7	4.8	4.9	4.9	4.8	4.6	4.4	4.2
85°	15.2	14.6	13.9	13.8	13.6	13.3	13.0	12.4	11.8	11.2	10.5
82.5°	26.7	26.1	25.3	24.8	24.3	23.6	22.9	21.8	20.7	19.6	18.4
80°	39.6	38.7	37.7	36.9	36.0	34.9	33.8	32.1	30.3	28.5	26.9
77.5°	54.1	52.8	51.4	50.0	48.5	47.0	45.2	43.1	40.9	38.6	36.3
75°	68.8	67.4	65.8	63.9	61.9	59.7	57.3	54.7	52.0	49.2	46.3
72.5°	83.1	81.6	80.0	78.0	75.6	73.0	70.1	67.0	63.6	60.1	56.7
70°	97.0	95.1	93.5	91.7	89.5	86.9	83.5	79.6	75.6	71.5	67.6
67.5°	110.4	108.0	106.4	104.8	102.8	100.4	96.8	92.7	88.2	83.5	78.8
65°	123.7	121.1	119.5	118.0	116.1	113.7	109.9	105.7	101.0	95.7	90.2
62.5°	137.7	135.5	133.7	131.6	129.3	126.6	122.9	118.5	113.7	108.1	101.8
60°	150.7	149.1	146.3	143.7	141.4	138.5	134.1	129.8	125.9	119.6	112.7
57.5°	160.8	159.0	156.4	153.6	150.9	147.2	143.2	139.2	134.7	129.3	123.0
55°	169.2	167.2	164.8	162.1	159.1	155.0	150.9	146.6	142.2	137.7	131.6
52.5°	178.5	176.2	173.4	169.8	166.4	162.4	157.7	153.2	149.1	144.5	139.5
50°	189.5	186.7	183.5	179.7	175.1	170.0	165.2	159.9	155.6	151.2	146.0
47.5°	204.3	199.7	194.9	190.4	184.7	178.6	173.1	167.6	162.5	157.7	152.4
45°	226.5	217.9	208.7	202.6	195.3	188.4	181.3	175.1	169.3	163.9	158.9
42.5°	258.3	244.8	232.2	220.0	208.4	199.9	191.0	183.3	176.3	169.9	164.1
40°	304.4	281.0	263.7	244.5	228.8	213.8	202.5	192.1	183.9	176.3	169.3
37.5°	373.9	335.2	306.5	276.5	254.6	233.8	216.3	202.8	191.7	182.9	174.7
35°	481.5	421.1	367.3	324.8	286.2	258.8	234.3	215.4	201.2	189.6	180.0
32.5°	649.6	553.8	456.1	393.3	333.7	288.9	257.4	231.4	211.3	197.5	186.0
30°	910.9	742.2	598.5	481.3	399.5	331.1	283.2	251.3	225.6	205.5	192.1
27.5°	1290.4	994.7	793.7	611.0	479.0	389.2	320.5	272.7	240.7	216.8	199.1
25°	1733.4	1379.4	1035.1	788.0	593.8	454.9	364.1	302.6	259.4	228.5	205.2
22.5°	2200.2	1785.1	1372.6	987.7	736.1	550.9	420.4	332.8	277.1	241.0	214.1
20°	2663.5	2194.7	1724.7	1284.6	909.4	645.0	481.6	372.8	301.7	254.9	222.5
17.5°	3089.2	2596.7	2081.7	1573.0	1122.8	787.9	559.2	413.3	323.2	267.3	229.8
15°	3492.4	2972.5	2429.2	1878.9	1350.9	913.9	625.4	448.6	345.6	281.8	239.4
12.5°	3857.5	3309.8	2738.3	2141.8	1553.5	1055.0	713.5	500.6	373.1	296.7	248.4
10°	4176.2	3591.5	2982.5	2362.8	1749.2	1201.1	796.9	544.9	396.9	309.2	255.8
7.5°	4405.1	3813.2	3176.5	2541.5	1908.4	1326.7	867.8	580.0	415.5	318.7	261.5
5°	4573.4	3986.1	3338.2	2686.6	2026.6	1420.6	920.7	604.7	428.9	325.2	265.4
2.5°	4688.9	4095.5	3446.4	2781.8	2095.2	1475.8	954.4	618.0	435.2	330.4	267.6
0°	4721.7	4126.7	3473.7	2831.8	2105.8	1482.9	967.9	620.0	435.0	333.0	268.0
-2.5°	4688.9	4095.5	3446.4	2781.8	2095.2	1475.8	954.4	618.0	435.2	330.4	267.6
-5°	4573.4	3986.1	3338.2	2686.6	2026.6	1420.6	920.7	604.7	428.9	325.2	265.4
-7.5°	4405.1	3813.2	3176.5	2541.5	1908.4	1326.7	867.8	580.0	415.5	318.7	261.5
-10°	4176.2	3591.5	2982.5	2362.8	1749.2	1201.1	796.9	544.9	396.9	309.2	255.8
-12.5°	3857.5	3309.8	2738.3	2141.8	1553.5	1055.0	713.5	500.6	373.1	296.7	248.4
-15°	3492.4	2972.5	2429.2	1878.9	1350.9	913.9	625.4	448.6	345.6	281.8	239.4
-17.5°	3089.2	2596.7	2081.7	1573.0	1122.8	787.9	559.2	413.3	323.2	267.3	229.8
-20°	2663.5	2194.7	1724.7	1284.6	909.4	645.0	481.6	372.8	301.7	254.9	222.5

Classified

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

Scaled Data Report



REPORT NUMBER: P626627 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA1B-740-U-MWR-XX

CANDELA DISTRIBUTION (continued):

	20°	22.5°	25°	27.5°	30°	32.5°	35°	37.5°	40°	42.5°	45°
-22.5°	2200.2	1785.1	1372.6	987.7	736.1	550.9	420.4	332.8	277.1	241.0	214.1
-25°	1733.4	1379.4	1035.1	788.0	593.8	454.9	364.1	302.6	259.4	228.5	205.2
-27.5°	1290.4	994.7	793.7	611.0	479.0	389.2	320.5	272.7	240.7	216.8	199.1
-30°	910.9	742.2	598.5	481.3	399.5	331.1	283.2	251.3	225.6	205.5	192.1
-32.5°	649.6	553.8	456.1	393.3	333.7	288.9	257.4	231.4	211.3	197.5	186.0
-35°	481.5	421.1	367.3	324.8	286.2	258.8	234.3	215.4	201.2	189.6	180.0
-37.5°	373.9	335.2	306.5	276.5	254.6	233.8	216.3	202.8	191.7	182.9	174.7
-40°	304.4	281.0	263.7	244.5	228.8	213.8	202.5	192.1	183.9	176.3	169.3
-42.5°	258.3	244.8	232.2	220.0	208.4	199.9	191.0	183.3	176.3	169.9	164.1
-45°	226.5	217.9	208.7	202.6	195.3	188.4	181.3	175.1	169.3	163.9	158.9
-47.5°	204.3	199.7	194.9	190.4	184.7	178.6	173.1	167.6	162.5	157.7	152.4
-50°	189.5	186.7	183.5	179.7	175.1	170.0	165.2	159.9	155.6	151.2	146.0
-52.5°	178.5	176.2	173.4	169.8	166.4	162.4	157.7	153.2	149.1	144.5	139.5
-55°	169.2	167.2	164.8	162.1	159.1	155.0	150.9	146.6	142.2	137.7	131.6
-57.5°	160.8	159.0	156.4	153.6	150.9	147.2	143.2	139.2	134.7	129.3	123.0
-60°	150.7	149.1	146.3	143.7	141.4	138.5	134.1	129.8	125.9	119.6	112.7
-62.5°	137.7	135.5	133.7	131.6	129.3	126.6	122.9	118.5	113.7	108.1	101.8
-65°	123.7	121.1	119.5	118.0	116.1	113.7	109.9	105.7	101.0	95.7	90.2
-67.5°	110.4	108.0	106.4	104.8	102.8	100.4	96.8	92.7	88.2	83.5	78.8
-70°	97.0	95.1	93.5	91.7	89.5	86.9	83.5	79.6	75.6	71.5	67.6
-72.5°	83.1	81.6	80.0	78.0	75.6	73.0	70.1	67.0	63.6	60.1	56.7
-75°	68.8	67.4	65.8	63.9	61.9	59.7	57.3	54.7	52.0	49.2	46.3
-77.5°	54.1	52.8	51.4	50.0	48.5	47.0	45.2	43.1	40.9	38.6	36.3
-80°	39.6	38.7	37.7	36.9	36.0	34.9	33.8	32.1	30.3	28.5	26.9
-82.5°	26.7	26.1	25.3	24.8	24.3	23.6	22.9	21.8	20.7	19.6	18.4
-85°	15.2	14.6	13.9	13.8	13.6	13.3	13.0	12.4	11.8	11.2	10.5
-87.5°	5.2	4.8	4.5	4.7	4.8	4.9	4.9	4.8	4.6	4.4	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: P626627 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA1B-740-U-MWR-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°	4.1	3.9	3.7	3.4	3.2	3.0	2.8	2.5	2.2	1.9	1.6
85°	9.9	9.1	8.4	7.6	6.8	6.0	5.5	5.1	4.4	3.8	3.2
82.5°	17.3	16.2	15.1	13.9	12.5	11.2	9.9	8.6	7.2	5.7	4.7
80°	25.3	23.8	22.1	20.4	18.4	16.4	14.6	12.8	11.1	9.3	7.4
77.5°	34.1	31.8	29.4	27.2	25.0	22.5	20.0	17.3	15.0	12.8	10.5
75°	43.4	40.6	37.8	34.8	31.8	28.7	25.7	22.7	19.6	16.4	13.7
72.5°	53.3	49.9	46.3	42.6	39.1	35.4	31.7	28.0	24.4	20.7	17.0
70°	63.5	59.3	55.1	51.0	46.6	42.1	37.9	33.5	29.1	24.9	20.7
67.5°	73.9	69.1	64.2	59.3	54.5	49.5	44.1	39.0	34.0	29.1	24.4
65°	84.8	79.2	73.4	67.9	62.4	56.8	51.0	44.6	38.8	33.3	28.0
62.5°	95.6	89.4	82.9	76.3	70.1	64.0	57.7	50.6	43.6	37.4	31.5
60°	106.0	99.1	92.1	84.8	77.7	70.8	63.9	56.5	48.9	41.4	35.0
57.5°	115.5	108.3	100.5	92.8	85.1	77.5	69.9	62.0	53.9	45.8	38.3
55°	124.5	116.6	108.5	100.2	92.1	84.0	75.8	67.4	58.8	50.1	41.6
52.5°	132.9	124.7	116.0	107.2	98.5	90.2	81.4	72.5	63.5	54.3	45.3
50°	140.3	132.5	123.4	114.1	104.6	95.8	86.9	77.5	68.0	58.3	48.8
47.5°	146.4	139.3	130.5	120.7	110.8	101.3	92.1	82.3	72.3	62.2	52.2
45°	152.5	145.6	137.1	127.1	116.8	106.9	97.1	87.0	76.5	65.9	55.4
42.5°	158.1	151.3	143.3	133.2	122.6	112.2	101.9	91.4	80.5	69.4	58.5
40°	163.0	156.3	149.2	139.1	128.1	117.2	106.5	95.6	84.3	72.8	61.4
37.5°	167.7	160.8	153.5	144.7	133.2	121.9	110.8	99.6	88.0	76.0	64.2
35°	172.2	165.1	157.4	149.0	138.0	126.3	114.8	103.4	91.4	79.1	66.8
32.5°	176.3	169.0	161.0	152.5	142.4	130.3	118.5	106.7	94.6	82.1	69.1
30°	181.1	172.2	164.2	155.9	146.1	134.0	121.9	109.9	97.6	84.9	71.4
27.5°	185.7	175.3	167.0	158.7	149.1	137.4	125.1	112.7	100.2	87.4	73.6
25°	190.2	178.9	169.7	161.1	151.9	140.6	128.0	115.3	102.6	89.6	75.6
22.5°	195.4	182.2	172.2	163.2	154.6	143.6	130.7	117.7	104.7	91.6	77.5
20°	199.9	184.9	174.5	165.2	156.6	145.8	133.0	119.8	106.6	93.3	79.2
17.5°	204.4	187.9	176.8	167.0	158.1	147.7	135.1	121.7	108.3	94.8	80.7
15°	210.6	191.4	178.7	168.6	159.4	149.3	136.9	123.3	109.7	96.1	82.1
12.5°	215.9	194.4	180.3	169.9	160.5	150.7	138.3	124.6	110.9	97.2	83.3
10°	220.2	196.7	181.6	171.0	161.3	151.7	139.5	125.7	112.0	98.2	84.2
7.5°	223.5	198.5	182.5	171.7	161.8	152.5	140.6	126.7	112.9	99.0	85.0
5°	225.8	199.6	183.2	172.1	162.1	153.0	141.4	127.4	113.5	99.6	85.6
2.5°	226.9	200.1	183.8	172.2	162.2	153.1	141.8	127.9	113.9	99.9	85.9
0°	227.0	200.0	184.0	172.0	162.0	153.0	142.0	128.0	114.0	100.0	86.0
-2.5°	226.9	200.1	183.8	172.2	162.2	153.1	141.8	127.9	113.9	99.9	85.9
-5°	225.8	199.6	183.2	172.1	162.1	153.0	141.4	127.4	113.5	99.6	85.6
-7.5°	223.5	198.5	182.5	171.7	161.8	152.5	140.6	126.7	112.9	99.0	85.0
-10°	220.2	196.7	181.6	171.0	161.3	151.7	139.5	125.7	112.0	98.2	84.2
-12.5°	215.9	194.4	180.3	169.9	160.5	150.7	138.3	124.6	110.9	97.2	83.3
-15°	210.6	191.4	178.7	168.6	159.4	149.3	136.9	123.3	109.7	96.1	82.1
-17.5°	204.4	187.9	176.8	167.0	158.1	147.7	135.1	121.7	108.3	94.8	80.7
-20°	199.9	184.9	174.5	165.2	156.6	145.8	133.0	119.8	106.6	93.3	79.2

Classified

Cooper Lighting Solutions Photometric Lab
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Scaled Data Report



REPORT NUMBER: P626627 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA1B-740-U-MWR-XX

CANDELA DISTRIBUTION (continued):

	47.5°	50°	52.5°	55°	57.5°	60°	62.5°	65°	67.5°	70°	72.5°
-22.5°	195.4	182.2	172.2	163.2	154.6	143.6	130.7	117.7	104.7	91.6	77.5
-25°	190.2	178.9	169.7	161.1	151.9	140.6	128.0	115.3	102.6	89.6	75.6
-27.5°	185.7	175.3	167.0	158.7	149.1	137.4	125.1	112.7	100.2	87.4	73.6
-30°	181.1	172.2	164.2	155.9	146.1	134.0	121.9	109.9	97.6	84.9	71.4
-32.5°	176.3	169.0	161.0	152.5	142.4	130.3	118.5	106.7	94.6	82.1	69.1
-35°	172.2	165.1	157.4	149.0	138.0	126.3	114.8	103.4	91.4	79.1	66.8
-37.5°	167.7	160.8	153.5	144.7	133.2	121.9	110.8	99.6	88.0	76.0	64.2
-40°	163.0	156.3	149.2	139.1	128.1	117.2	106.5	95.6	84.3	72.8	61.4
-42.5°	158.1	151.3	143.3	133.2	122.6	112.2	101.9	91.4	80.5	69.4	58.5
-45°	152.5	145.6	137.1	127.1	116.8	106.9	97.1	87.0	76.5	65.9	55.4
-47.5°	146.4	139.3	130.5	120.7	110.8	101.3	92.1	82.3	72.3	62.2	52.2
-50°	140.3	132.5	123.4	114.1	104.6	95.8	86.9	77.5	68.0	58.3	48.8
-52.5°	132.9	124.7	116.0	107.2	98.5	90.2	81.4	72.5	63.5	54.3	45.3
-55°	124.5	116.6	108.5	100.2	92.1	84.0	75.8	67.4	58.8	50.1	41.6
-57.5°	115.5	108.3	100.5	92.8	85.1	77.5	69.9	62.0	53.9	45.8	38.3
-60°	106.0	99.1	92.1	84.8	77.7	70.8	63.9	56.5	48.9	41.4	35.0
-62.5°	95.6	89.4	82.9	76.3	70.1	64.0	57.7	50.6	43.6	37.4	31.5
-65°	84.8	79.2	73.4	67.9	62.4	56.8	51.0	44.6	38.8	33.3	28.0
-67.5°	73.9	69.1	64.2	59.3	54.5	49.5	44.1	39.0	34.0	29.1	24.4
-70°	63.5	59.3	55.1	51.0	46.6	42.1	37.9	33.5	29.1	24.9	20.7
-72.5°	53.3	49.9	46.3	42.6	39.1	35.4	31.7	28.0	24.4	20.7	17.0
-75°	43.4	40.6	37.8	34.8	31.8	28.7	25.7	22.7	19.6	16.4	13.7
-77.5°	34.1	31.8	29.4	27.2	25.0	22.5	20.0	17.3	15.0	12.8	10.5
-80°	25.3	23.8	22.1	20.4	18.4	16.4	14.6	12.8	11.1	9.3	7.4
-82.5°	17.3	16.2	15.1	13.9	12.5	11.2	9.9	8.6	7.2	5.7	4.7
-85°	9.9	9.1	8.4	7.6	6.8	6.0	5.5	5.1	4.4	3.8	3.2
-87.5°	4.1	3.9	3.7	3.4	3.2	3.0	2.8	2.5	2.2	1.9	1.6
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

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CATALOG NUMBER: GFLD-SA1B-740-U-MWR-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°	1.3	1.1	0.9	0.7	0.4	0.2	0.0
85°	2.6	2.2	1.7	1.3	0.9	0.4	0.0
82.5°	3.9	3.2	2.6	2.0	1.3	0.7	0.0
80°	5.3	4.3	3.5	2.6	1.7	0.9	0.0
77.5°	8.1	5.8	4.3	3.2	2.2	1.1	0.0
75°	10.9	8.1	5.3	3.9	2.6	1.3	0.0
72.5°	13.6	10.4	7.2	4.5	3.0	1.5	0.0
70°	16.4	12.7	9.0	5.3	3.4	1.7	0.0
67.5°	19.5	14.9	10.8	6.6	3.8	1.9	0.0
65°	22.6	17.3	12.5	7.9	4.2	2.1	0.0
62.5°	25.6	19.7	14.2	9.2	4.6	2.3	0.0
60°	28.5	22.1	15.9	10.5	5.0	2.5	0.0
57.5°	31.4	24.4	17.7	11.7	5.8	2.7	0.0
55°	34.2	26.7	19.5	12.9	6.6	2.9	0.0
52.5°	37.0	28.9	21.3	14.1	7.3	3.0	0.0
50°	39.7	31.2	22.9	15.2	8.1	3.2	0.0
47.5°	42.4	33.4	24.5	16.3	8.8	3.4	0.0
45°	45.2	35.5	26.0	17.4	9.4	3.5	0.0
42.5°	47.8	37.5	27.5	18.5	10.1	3.7	0.0
40°	50.3	39.5	28.9	19.5	10.7	3.8	0.0
37.5°	52.7	41.4	30.4	20.4	11.2	4.0	0.0
35°	54.9	43.2	31.9	21.3	11.7	4.1	0.0
32.5°	56.9	44.9	33.2	22.1	12.2	4.2	0.0
30°	58.8	46.5	34.4	22.9	12.7	4.3	0.0
27.5°	60.6	48.0	35.5	23.6	13.1	4.4	0.0
25°	62.2	49.4	36.6	24.2	13.5	4.5	0.0
22.5°	63.6	50.6	37.5	24.8	13.8	4.6	0.0
20°	64.9	51.6	38.3	25.3	14.1	4.7	0.0
17.5°	66.0	52.5	39.0	25.8	14.3	4.8	0.0
15°	67.0	53.2	39.6	26.2	14.6	4.8	0.0
12.5°	67.9	53.9	40.1	26.5	14.7	4.9	0.0
10°	68.7	54.4	40.5	26.7	14.9	4.9	0.0
7.5°	69.2	54.7	40.8	26.9	15.0	5.0	0.0
5°	69.7	55.0	41.0	27.0	15.0	5.0	0.0
2.5°	69.9	55.0	41.0	27.0	15.0	5.0	0.0
0°	70.0	55.0	41.0	27.0	15.0	5.0	0.0
-2.5°	69.9	55.0	41.0	27.0	15.0	5.0	0.0
-5°	69.7	55.0	41.0	27.0	15.0	5.0	0.0
-7.5°	69.2	54.7	40.8	26.9	15.0	5.0	0.0
-10°	68.7	54.4	40.5	26.7	14.9	4.9	0.0
-12.5°	67.9	53.9	40.1	26.5	14.7	4.9	0.0
-15°	67.0	53.2	39.6	26.2	14.6	4.8	0.0
-17.5°	66.0	52.5	39.0	25.8	14.3	4.8	0.0
-20°	64.9	51.6	38.3	25.3	14.1	4.7	0.0

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CATALOG NUMBER: GFLD-SA1B-740-U-MWR-XX

CANDELA DISTRIBUTION (continued):

	75°	77.5°	80°	82.5°	85°	87.5°	90°
-22.5°	63.6	50.6	37.5	24.8	13.8	4.6	0.0
-25°	62.2	49.4	36.6	24.2	13.5	4.5	0.0
-27.5°	60.6	48.0	35.5	23.6	13.1	4.4	0.0
-30°	58.8	46.5	34.4	22.9	12.7	4.3	0.0
-32.5°	56.9	44.9	33.2	22.1	12.2	4.2	0.0
-35°	54.9	43.2	31.9	21.3	11.7	4.1	0.0
-37.5°	52.7	41.4	30.4	20.4	11.2	4.0	0.0
-40°	50.3	39.5	28.9	19.5	10.7	3.8	0.0
-42.5°	47.8	37.5	27.5	18.5	10.1	3.7	0.0
-45°	45.2	35.5	26.0	17.4	9.4	3.5	0.0
-47.5°	42.4	33.4	24.5	16.3	8.8	3.4	0.0
-50°	39.7	31.2	22.9	15.2	8.1	3.2	0.0
-52.5°	37.0	28.9	21.3	14.1	7.3	3.0	0.0
-55°	34.2	26.7	19.5	12.9	6.6	2.9	0.0
-57.5°	31.4	24.4	17.7	11.7	5.8	2.7	0.0
-60°	28.5	22.1	15.9	10.5	5.0	2.5	0.0
-62.5°	25.6	19.7	14.2	9.2	4.6	2.3	0.0
-65°	22.6	17.3	12.5	7.9	4.2	2.1	0.0
-67.5°	19.5	14.9	10.8	6.6	3.8	1.9	0.0
-70°	16.4	12.7	9.0	5.3	3.4	1.7	0.0
-72.5°	13.6	10.4	7.2	4.5	3.0	1.5	0.0
-75°	10.9	8.1	5.3	3.9	2.6	1.3	0.0
-77.5°	8.1	5.8	4.3	3.2	2.2	1.1	0.0
-80°	5.3	4.3	3.5	2.6	1.7	0.9	0.0
-82.5°	3.9	3.2	2.6	2.0	1.3	0.7	0.0
-85°	2.6	2.2	1.7	1.3	0.9	0.4	0.0
-87.5°	1.3	1.1	0.9	0.7	0.4	0.2	0.0
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0

(END OF REPORT)