

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: P626797 (CONVERTED FROM TYPE C PHOTOMETRY)

Luminaire Tested: **GFLD-SA1E-735-U-MWR-XX**

Issue Date: 12/7/2022

Test Information

Test Method: LM-79-08
Report Number: P626797 (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-SA1E-735-U-MWR-XX
Description: GALLEON FLOOD, ONE LIGHT SQAURE, MEDIUM WIDE SYMMETRICAL ROUND N24
Light Source: (16) 3500K CCT, 70 CRI LEDS
Ballast/Driver: -

Summary

Lumens per Lamp: N/A
Luminaire Lumens: 7848.1 lumens
Efficiency: N/A
Efficacy: 118.6 lumens/watt
Luminous Opening: Rectangular (W 0.5' x L: 0.5' x H: 0')

NEMA Type: 5H x 5V
Max Intensity: 9221.2 candela
Max Intensity Angle: -7.5°H x 10°V

Beam Angle (50%): 51°H x 52.3°V
Beam Lumens: 5209.1 lumens
Beam Efficiency: 66.4%

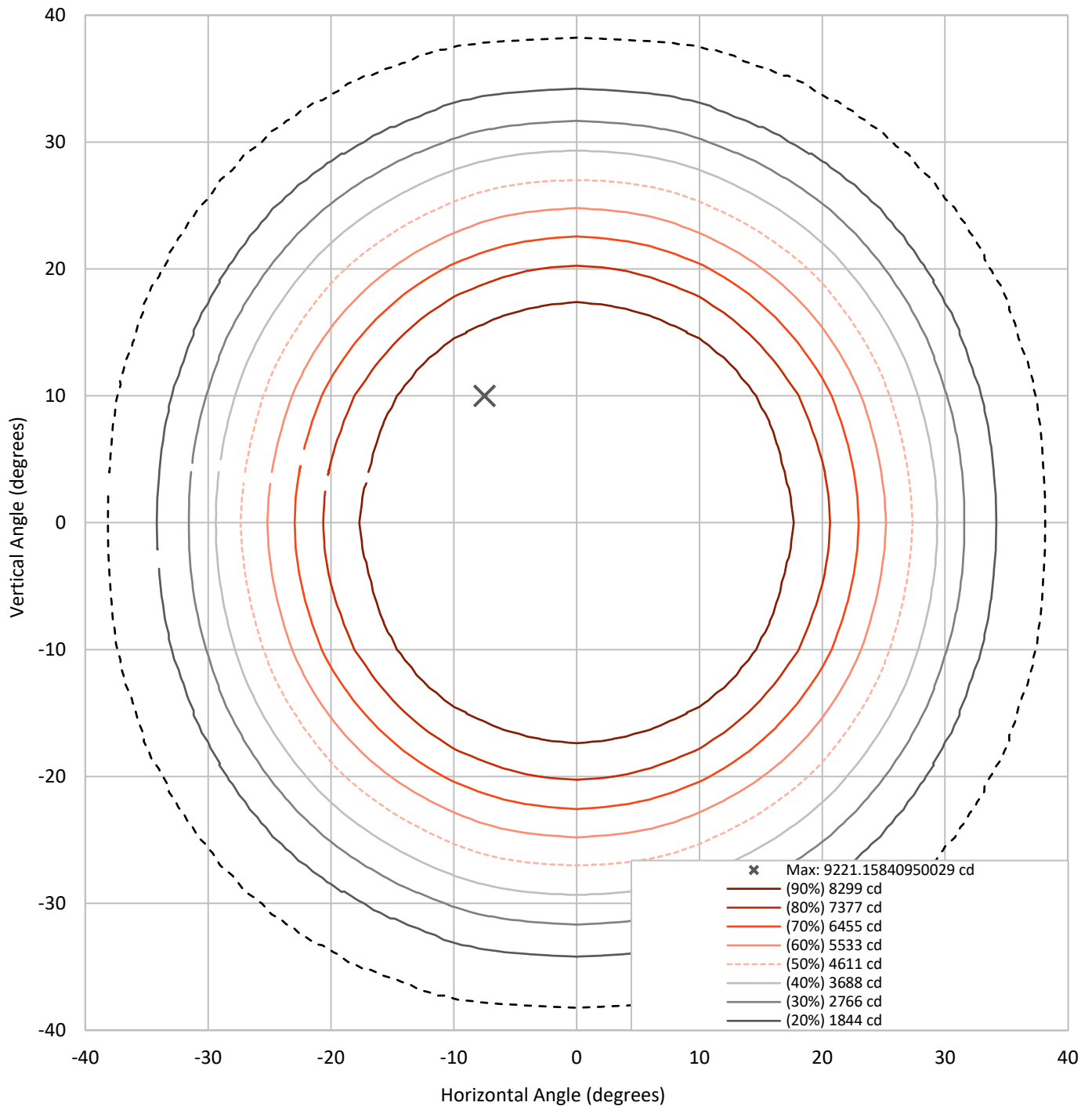
Field Angle (10%): 74.5°H x 75.5°V
Field Lumens: 6773.3 lumens
Field Efficiency: 86.3%

Input Watts (W): 66.2
Input Voltage (V): 120
Input Current (Ain): NR
Voltage Rise (V): NR
Power Factor: NR
Total Harmonic Distortion (THDi): NR
Frequency (hertz): 60
Stabilization Time: NR
Operation Time: NR
Ambient Temperature (°C): NR
Test Distance: 25 FT



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Iso-Candela Plot





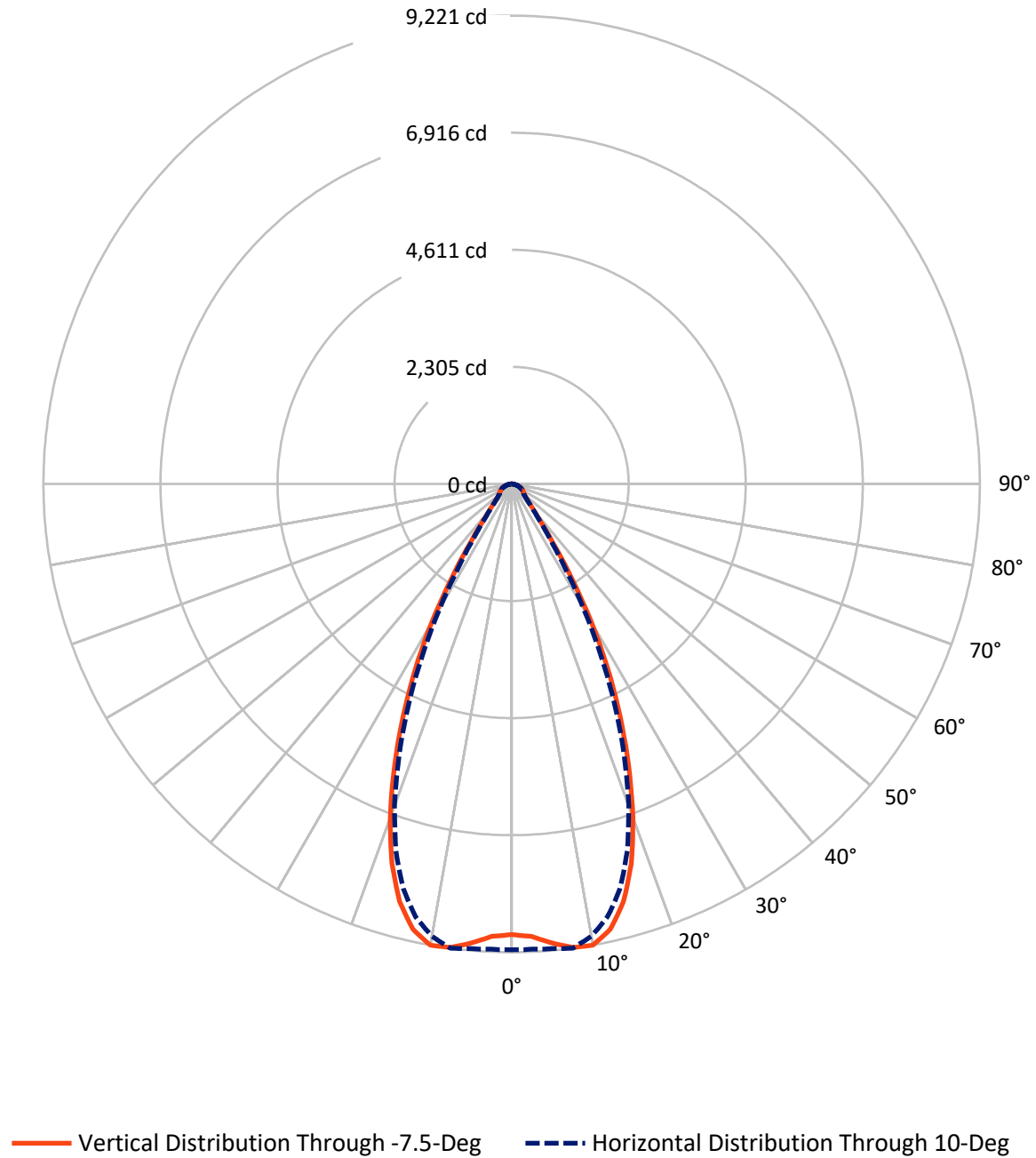
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Lumen Table

90	0.2	1.8	4.9	7.8	8.7	7.8	4.9	1.8	0.2							
80	0.2	1.8	4.9	7.8	8.7	7.8	4.9	1.8	0.2							
70	0.8	0.9	1.9	3.1	4.4	5.3	6.0	6.4	6.4	6.0	5.3	4.4	3.1	1.9	0.9	0.8
60		1.4	2.8	4.5	6.1	7.3	8.2	8.6	8.6	8.2	7.3	6.1	4.5	2.8	1.4	
50	1.5	1.8	3.6	5.5	7.4	9.6	12.1	13.8	13.8	12.1	9.6	7.4	5.5	3.6	1.8	1.5
40		2.2	4.2	6.3	9.8	17.8	34.1	50.6	50.6	34.1	17.8	9.8	6.3	4.2	2.2	
30	1.9	2.4	4.5	7.4	16.1	50.4	113.0	157.8	157.8	113.0	50.4	16.1	7.4	4.5	2.4	1.9
20		2.6	4.8	8.8	29.1	107.4	205.1	256.7	256.7	205.1	107.4	29.1	8.8	4.8	2.6	
10	2.1	2.7	4.9	9.9	41.8	147.0	248.8	270.7	270.7	248.8	147.0	41.8	9.9	4.9	2.7	2.1
0		2.7	4.9	9.9	41.8	147.0	248.8	270.7	270.7	248.8	147.0	41.8	9.9	4.9	2.7	
-10	1.9	2.6	4.8	8.8	29.1	107.4	205.1	256.7	256.7	205.1	107.4	29.1	8.8	4.8	2.6	1.9
-20		2.4	4.5	7.4	16.1	50.4	113.0	157.8	157.8	113.0	50.4	16.1	7.4	4.5	2.4	
-30	1.5	2.2	4.2	6.3	9.8	17.8	34.1	50.6	50.6	34.1	17.8	9.8	6.3	4.2	2.2	1.5
-40		1.8	3.6	5.5	7.4	9.6	12.1	13.8	13.8	12.1	9.6	7.4	5.5	3.6	1.8	
-50	0.8	1.4	2.8	4.5	6.1	7.3	8.2	8.6	8.6	8.2	7.3	6.1	4.5	2.8	1.4	0.8
-60		0.9	1.9	3.1	4.4	5.3	6.0	6.4	6.4	6.0	5.3	4.4	3.1	1.9	0.9	
-70	0.2	1.8	4.9	7.8	8.7	7.8	4.9	1.8	0.2							
-80		0.2	1.8	4.9	7.8	8.7	7.8	4.9	1.8	0.2						
-90	0.2	1.8	4.9	7.8	8.7	7.8	4.9	1.8	0.2							

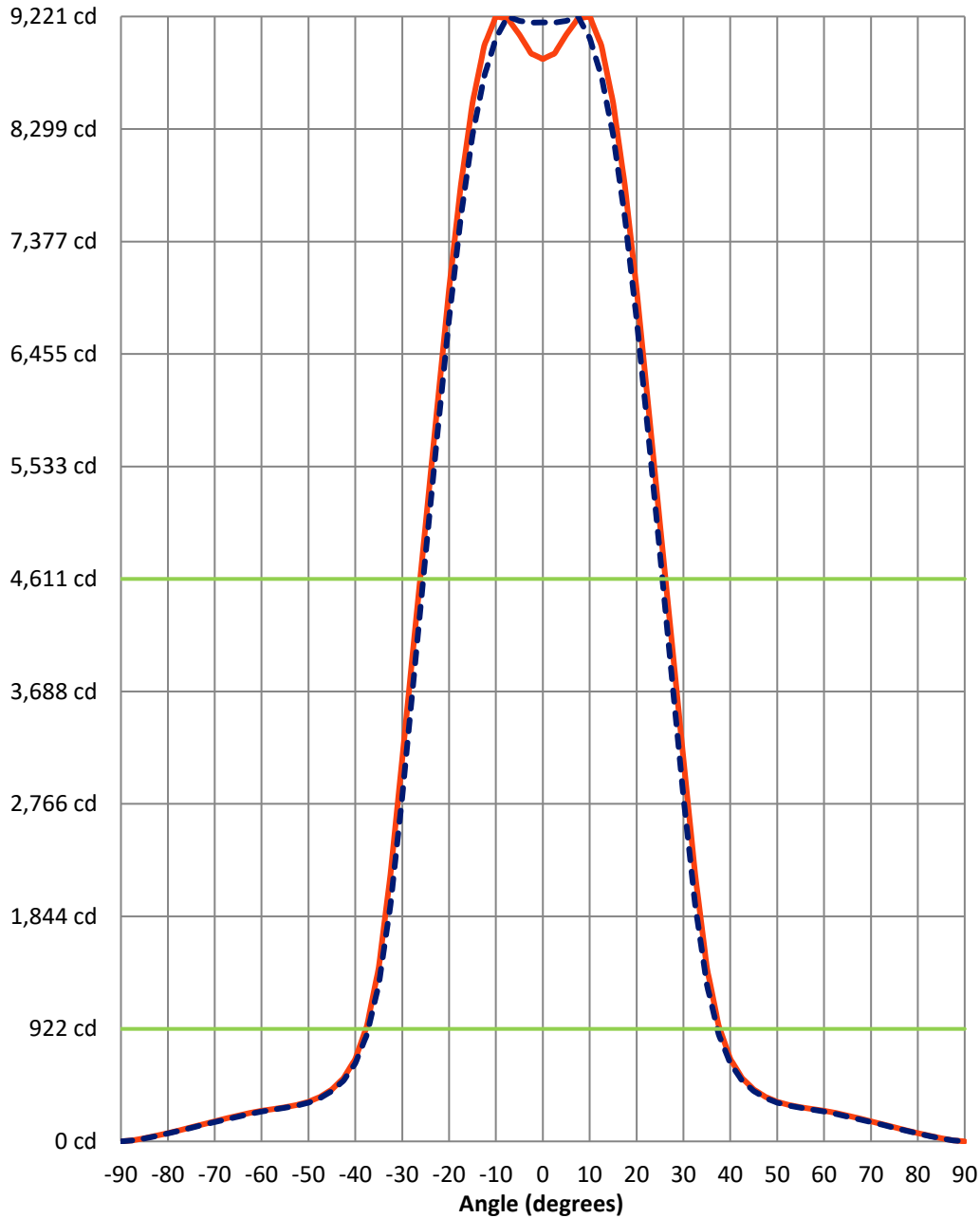
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Luminous Intensity Polar Plot



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Luminous Intensity Plot



Beam:
 H Angle: 51°
 V Angle: 52.3°
 Lumens: 5209.1
 Efficiency: 66.4%

Field:
 H Angle: 74.5°
 V Angle: 75.5°
 Lumens: 6773.3
 Efficiency: 86.3%

Spill:
 Lumens: 1074.8
 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	0.4	0.7	1.1	1.4	1.8	2.1	2.6	3.0	3.6	4.1
85°	0.0	0.7	1.4	2.1	2.8	3.5	4.2	5.1	6.1	7.1	8.2
82.5°	0.0	1.1	2.1	3.2	4.2	5.2	6.3	7.6	9.3	11.7	13.9
80°	0.0	1.4	2.8	4.2	5.6	7.0	8.6	11.9	15.0	17.9	20.7
77.5°	0.0	1.8	3.5	5.2	7.0	9.4	13.1	17.0	20.7	24.1	27.9
75°	0.0	2.1	4.2	6.3	8.6	13.1	17.6	22.1	26.5	31.5	36.5
72.5°	0.0	2.4	4.9	7.3	11.6	16.8	22.0	27.4	33.4	39.3	45.1
70°	0.0	2.8	5.5	8.5	14.5	20.5	26.5	33.4	40.2	47.0	54.1
67.5°	0.0	3.1	6.2	10.7	17.4	24.0	31.5	39.3	47.0	54.9	62.9
65°	0.0	3.4	6.8	12.8	20.2	27.8	36.4	45.1	53.8	62.6	72.0
62.5°	0.0	3.7	7.5	14.9	23.0	31.8	41.3	50.9	60.4	70.4	81.7
60°	0.0	4.0	8.1	16.9	25.7	35.7	46.0	56.5	66.9	78.9	91.2
57.5°	0.0	4.4	9.4	18.9	28.6	39.4	50.7	61.9	73.9	87.0	100.1
55°	0.0	4.6	10.6	20.8	31.5	43.1	55.3	67.2	80.9	94.9	108.7
52.5°	0.0	4.9	11.9	22.7	34.3	46.6	59.8	73.1	87.6	102.4	117.0
50°	0.0	5.2	13.0	24.5	37.0	50.3	64.2	78.8	94.1	109.7	125.1
47.5°	0.0	5.5	14.2	26.3	39.5	53.8	68.5	84.3	100.3	116.7	132.9
45°	0.0	5.7	15.2	28.1	42.0	57.3	72.9	89.5	106.3	123.4	140.4
42.5°	0.0	6.0	16.2	29.9	44.3	60.6	77.2	94.5	112.0	129.8	147.4
40°	0.0	6.2	17.2	31.5	46.7	63.8	81.2	99.2	117.5	136.0	154.2
37.5°	0.0	6.4	18.1	33.0	49.1	66.8	85.0	103.6	122.7	141.9	160.8
35°	0.0	6.6	19.0	34.4	51.4	69.8	88.6	107.7	127.7	147.5	166.9
32.5°	0.0	6.8	19.7	35.7	53.6	72.5	91.9	111.6	132.5	152.7	172.3
30°	0.0	7.0	20.5	37.0	55.6	75.1	95.0	115.2	136.9	157.4	177.3
27.5°	0.0	7.2	21.1	38.1	57.4	77.5	97.8	118.8	141.0	161.8	181.9
25°	0.0	7.3	21.7	39.1	59.0	79.7	100.4	122.1	144.6	165.6	186.2
22.5°	0.0	7.5	22.3	40.1	60.5	81.6	102.7	125.1	147.8	169.1	190.0
20°	0.0	7.6	22.7	40.9	61.8	83.3	104.7	127.9	150.6	172.1	193.4
17.5°	0.0	7.7	23.1	41.6	62.9	84.7	106.6	130.3	153.0	174.8	196.4
15°	0.0	7.8	23.5	42.2	63.9	85.9	108.2	132.5	155.1	177.1	199.0
12.5°	0.0	7.9	23.8	42.7	64.7	87.0	109.6	134.4	156.9	179.0	201.1
10°	0.0	8.0	24.0	43.1	65.4	87.8	110.8	136.0	158.5	180.7	202.9
7.5°	0.0	8.0	24.1	43.4	65.8	88.3	111.8	137.2	159.8	182.2	204.5
5°	0.0	8.1	24.2	43.6	66.1	88.7	112.4	138.1	160.7	183.2	205.7
2.5°	0.0	8.1	24.2	43.6	66.3	88.9	112.9	138.6	161.2	183.8	206.4
0°	0.0	8.1	24.2	43.6	66.2	88.8	113.0	138.8	161.4	184.0	206.6
-2.5°	0.0	8.1	24.2	43.6	66.3	88.9	112.9	138.6	161.2	183.8	206.4
-5°	0.0	8.1	24.2	43.6	66.1	88.7	112.4	138.1	160.7	183.2	205.7
-7.5°	0.0	8.0	24.1	43.4	65.8	88.3	111.8	137.2	159.8	182.2	204.5
-10°	0.0	8.0	24.0	43.1	65.4	87.8	110.8	136.0	158.5	180.7	202.9
-12.5°	0.0	7.9	23.8	42.7	64.7	87.0	109.6	134.4	156.9	179.0	201.1
-15°	0.0	7.8	23.5	42.2	63.9	85.9	108.2	132.5	155.1	177.1	199.0
-17.5°	0.0	7.7	23.1	41.6	62.9	84.7	106.6	130.3	153.0	174.8	196.4
-20°	0.0	7.6	22.7	40.9	61.8	83.3	104.7	127.9	150.6	172.1	193.4

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CATALOG NUMBER: GFLD-SA1E-735-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	7.5	22.3	40.1	60.5	81.6	102.7	125.1	147.8	169.1	190.0
-25°	0.0	7.3	21.7	39.1	59.0	79.7	100.4	122.1	144.6	165.6	186.2
-27.5°	0.0	7.2	21.1	38.1	57.4	77.5	97.8	118.8	141.0	161.8	181.9
-30°	0.0	7.0	20.5	37.0	55.6	75.1	95.0	115.2	136.9	157.4	177.3
-32.5°	0.0	6.8	19.7	35.7	53.6	72.5	91.9	111.6	132.5	152.7	172.3
-35°	0.0	6.6	19.0	34.4	51.4	69.8	88.6	107.7	127.7	147.5	166.9
-37.5°	0.0	6.4	18.1	33.0	49.1	66.8	85.0	103.6	122.7	141.9	160.8
-40°	0.0	6.2	17.2	31.5	46.7	63.8	81.2	99.2	117.5	136.0	154.2
-42.5°	0.0	6.0	16.2	29.9	44.3	60.6	77.2	94.5	112.0	129.8	147.4
-45°	0.0	5.7	15.2	28.1	42.0	57.3	72.9	89.5	106.3	123.4	140.4
-47.5°	0.0	5.5	14.2	26.3	39.5	53.8	68.5	84.3	100.3	116.7	132.9
-50°	0.0	5.2	13.0	24.5	37.0	50.3	64.2	78.8	94.1	109.7	125.1
-52.5°	0.0	4.9	11.9	22.7	34.3	46.6	59.8	73.1	87.6	102.4	117.0
-55°	0.0	4.6	10.6	20.8	31.5	43.1	55.3	67.2	80.9	94.9	108.7
-57.5°	0.0	4.4	9.4	18.9	28.6	39.4	50.7	61.9	73.9	87.0	100.1
-60°	0.0	4.0	8.1	16.9	25.7	35.7	46.0	56.5	66.9	78.9	91.2
-62.5°	0.0	3.7	7.5	14.9	23.0	31.8	41.3	50.9	60.4	70.4	81.7
-65°	0.0	3.4	6.8	12.8	20.2	27.8	36.4	45.1	53.8	62.6	72.0
-67.5°	0.0	3.1	6.2	10.7	17.4	24.0	31.5	39.3	47.0	54.9	62.9
-70°	0.0	2.8	5.5	8.5	14.5	20.5	26.5	33.4	40.2	47.0	54.1
-72.5°	0.0	2.4	4.9	7.3	11.6	16.8	22.0	27.4	33.4	39.3	45.1
-75°	0.0	2.1	4.2	6.3	8.6	13.1	17.6	22.1	26.5	31.5	36.5
-77.5°	0.0	1.8	3.5	5.2	7.0	9.4	13.1	17.0	20.7	24.1	27.9
-80°	0.0	1.4	2.8	4.2	5.6	7.0	8.6	11.9	15.0	17.9	20.7
-82.5°	0.0	1.1	2.1	3.2	4.2	5.2	6.3	7.6	9.3	11.7	13.9
-85°	0.0	0.7	1.4	2.1	2.8	3.5	4.2	5.1	6.1	7.1	8.2
-87.5°	0.0	0.4	0.7	1.1	1.4	1.8	2.1	2.6	3.0	3.6	4.1
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



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CANDELA DISTRIBUTION (continued):

	-62.5°	-60°	-57.5°	-55°	-52.5°	-50°	-47.5°	-45°	-42.5°	-40°	-37.5°
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
87.5°	4.5	4.8	5.2	5.6	5.9	6.2	6.6	6.9	7.2	7.4	7.7
85°	8.9	9.7	11.0	12.3	13.5	14.7	15.9	17.0	18.1	19.1	20.1
82.5°	16.0	18.1	20.2	22.4	24.3	26.1	27.9	29.7	31.5	33.4	35.2
80°	23.5	26.4	29.7	32.9	35.7	38.3	40.9	43.3	46.0	48.8	51.7
77.5°	32.2	36.3	40.3	43.9	47.4	51.3	55.0	58.6	62.3	66.0	69.5
75°	41.5	46.3	51.3	56.2	60.9	65.6	70.1	74.7	79.3	83.9	88.3
72.5°	51.2	57.2	63.1	68.8	74.7	80.5	86.1	91.4	97.0	102.6	108.0
70°	61.1	68.0	75.3	82.3	88.9	95.7	102.5	109.0	115.4	122.0	128.5
67.5°	71.2	79.8	88.0	95.8	103.6	111.6	119.2	127.1	134.7	142.4	149.6
65°	82.3	91.7	100.6	109.5	118.5	127.8	136.9	145.7	154.5	163.0	170.6
62.5°	93.2	103.2	113.1	123.2	133.8	144.3	154.2	164.3	174.5	183.4	191.2
60°	103.2	114.3	125.4	136.9	148.7	159.9	171.0	181.9	192.9	203.2	209.5
57.5°	112.8	125.1	137.4	149.8	162.2	174.8	186.4	198.4	208.7	217.3	224.7
55°	122.3	135.6	148.7	161.7	175.1	188.2	200.9	212.3	222.3	229.5	236.6
52.5°	131.4	145.5	159.0	173.1	187.3	201.2	214.5	225.1	233.2	240.6	247.2
50°	140.3	154.6	168.8	184.1	199.1	213.9	226.3	235.6	243.9	251.1	258.1
47.5°	148.6	163.5	178.7	194.8	210.6	224.8	236.3	246.0	254.5	262.3	270.5
45°	156.6	172.4	188.5	205.1	221.2	235.0	246.0	256.5	264.5	273.2	282.7
42.5°	164.4	181.0	197.9	215.0	231.3	244.1	255.2	264.8	274.1	284.5	295.9
40°	171.8	189.1	206.7	224.5	240.7	252.2	263.0	273.1	284.5	296.8	310.0
37.5°	178.7	196.7	215.0	233.4	247.7	259.5	270.5	281.9	295.1	309.3	327.3
35°	185.2	203.8	222.7	240.4	254.0	266.4	277.9	290.5	305.9	324.6	347.6
32.5°	191.2	210.3	229.7	246.0	259.8	272.7	284.4	300.2	318.7	341.0	373.4
30°	196.8	216.3	235.8	251.6	264.9	277.9	292.2	310.0	331.7	364.1	405.6
27.5°	201.9	221.8	240.6	256.2	269.6	282.9	299.7	321.2	349.8	388.5	440.1
25°	206.6	227.0	245.1	260.0	273.9	288.7	306.9	331.1	368.7	418.7	488.4
22.5°	210.9	231.7	249.4	263.4	277.9	294.0	315.3	345.5	388.8	447.2	537.1
20°	214.7	235.2	252.7	266.5	281.6	298.4	322.7	359.1	411.4	486.9	601.7
17.5°	218.0	238.3	255.2	269.6	285.3	303.3	329.9	370.9	431.4	521.6	667.0
15°	220.9	241.0	257.3	272.1	288.4	309.0	339.9	386.4	454.7	557.7	724.0
12.5°	223.3	243.1	258.9	274.2	291.0	313.7	348.5	400.9	478.9	602.1	807.9
10°	225.2	244.9	260.2	275.9	293.0	317.5	355.4	412.8	498.9	640.5	879.4
7.5°	226.9	246.1	261.1	277.1	294.5	320.3	360.7	422.0	514.3	670.6	936.1
5°	228.2	246.9	261.6	277.7	295.7	322.1	364.3	428.3	524.9	692.2	975.9
2.5°	228.9	247.1	261.7	277.9	296.6	323.0	366.2	431.9	533.2	702.4	997.3
0°	229.2	246.9	261.4	277.6	296.9	322.8	366.3	432.5	537.4	702.0	1000.5
-2.5°	228.9	247.1	261.7	277.9	296.6	323.0	366.2	431.9	533.2	702.4	997.3
-5°	228.2	246.9	261.6	277.7	295.7	322.1	364.3	428.3	524.9	692.2	975.9
-7.5°	226.9	246.1	261.1	277.1	294.5	320.3	360.7	422.0	514.3	670.6	936.1
-10°	225.2	244.9	260.2	275.9	293.0	317.5	355.4	412.8	498.9	640.5	879.4
-12.5°	223.3	243.1	258.9	274.2	291.0	313.7	348.5	400.9	478.9	602.1	807.9
-15°	220.9	241.0	257.3	272.1	288.4	309.0	339.9	386.4	454.7	557.7	724.0
-17.5°	218.0	238.3	255.2	269.6	285.3	303.3	329.9	370.9	431.4	521.6	667.0
-20°	214.7	235.2	252.7	266.5	281.6	298.4	322.7	359.1	411.4	486.9	601.7

Classified

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

Scaled Data Report



REPORT NUMBER: P626797 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA1E-735-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°	210.9	231.7	249.4	263.4	277.9	294.0	315.3	345.5	388.8	447.2	537.1
-25°	206.6	227.0	245.1	260.0	273.9	288.7	306.9	331.1	368.7	418.7	488.4
-27.5°	201.9	221.8	240.6	256.2	269.6	282.9	299.7	321.2	349.8	388.5	440.1
-30°	196.8	216.3	235.8	251.6	264.9	277.9	292.2	310.0	331.7	364.1	405.6
-32.5°	191.2	210.3	229.7	246.0	259.8	272.7	284.4	300.2	318.7	341.0	373.4
-35°	185.2	203.8	222.7	240.4	254.0	266.4	277.9	290.5	305.9	324.6	347.6
-37.5°	178.7	196.7	215.0	233.4	247.7	259.5	270.5	281.9	295.1	309.3	327.3
-40°	171.8	189.1	206.7	224.5	240.7	252.2	263.0	273.1	284.5	296.8	310.0
-42.5°	164.4	181.0	197.9	215.0	231.3	244.1	255.2	264.8	274.1	284.5	295.9
-45°	156.6	172.4	188.5	205.1	221.2	235.0	246.0	256.5	264.5	273.2	282.7
-47.5°	148.6	163.5	178.7	194.8	210.6	224.8	236.3	246.0	254.5	262.3	270.5
-50°	140.3	154.6	168.8	184.1	199.1	213.9	226.3	235.6	243.9	251.1	258.1
-52.5°	131.4	145.5	159.0	173.1	187.3	201.2	214.5	225.1	233.2	240.6	247.2
-55°	122.3	135.6	148.7	161.7	175.1	188.2	200.9	212.3	222.3	229.5	236.6
-57.5°	112.8	125.1	137.4	149.8	162.2	174.8	186.4	198.4	208.7	217.3	224.7
-60°	103.2	114.3	125.4	136.9	148.7	159.9	171.0	181.9	192.9	203.2	209.5
-62.5°	93.2	103.2	113.1	123.2	133.8	144.3	154.2	164.3	174.5	183.4	191.2
-65°	82.3	91.7	100.6	109.5	118.5	127.8	136.9	145.7	154.5	163.0	170.6
-67.5°	71.2	79.8	88.0	95.8	103.6	111.6	119.2	127.1	134.7	142.4	149.6
-70°	61.1	68.0	75.3	82.3	88.9	95.7	102.5	109.0	115.4	122.0	128.5
-72.5°	51.2	57.2	63.1	68.8	74.7	80.5	86.1	91.4	97.0	102.6	108.0
-75°	41.5	46.3	51.3	56.2	60.9	65.6	70.1	74.7	79.3	83.9	88.3
-77.5°	32.2	36.3	40.3	43.9	47.4	51.3	55.0	58.6	62.3	66.0	69.5
-80°	23.5	26.4	29.7	32.9	35.7	38.3	40.9	43.3	46.0	48.8	51.7
-82.5°	16.0	18.1	20.2	22.4	24.3	26.1	27.9	29.7	31.5	33.4	35.2
-85°	8.9	9.7	11.0	12.3	13.5	14.7	15.9	17.0	18.1	19.1	20.1
-87.5°	4.5	4.8	5.2	5.6	5.9	6.2	6.6	6.9	7.2	7.4	7.7
-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: P626797 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA1E-735-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°	7.9	7.8	7.7	7.5	7.3	7.8	8.4	8.9	9.4	9.1	8.8
85°	21.0	21.5	21.9	22.2	22.5	23.5	24.4	25.3	26.2	26.2	26.1
82.5°	36.9	38.1	39.2	40.1	40.9	42.1	43.1	44.0	44.8	45.4	45.9
80°	54.5	56.4	58.0	59.6	60.9	62.5	63.9	65.2	66.3	66.9	67.3
77.5°	73.0	75.8	78.3	80.7	83.0	85.2	87.3	89.1	90.7	91.1	91.0
75°	92.5	96.3	99.9	103.2	106.2	108.8	111.0	112.9	114.4	115.2	115.6
72.5°	113.2	117.8	122.0	125.8	129.0	131.7	134.0	136.1	137.8	138.8	139.5
70°	134.7	140.2	144.5	148.0	150.8	153.5	156.5	159.3	162.0	163.5	164.1
67.5°	156.3	162.0	165.9	169.2	171.7	174.3	178.1	181.5	184.5	186.6	187.9
65°	177.4	183.4	187.4	190.4	192.8	195.4	199.6	203.0	205.6	207.6	209.5
62.5°	198.3	204.3	208.7	212.4	215.8	218.7	222.2	225.0	227.2	229.2	231.5
60°	216.3	223.5	228.2	231.9	236.1	240.7	243.2	245.3	247.2	248.8	250.2
57.5°	231.1	237.6	243.5	248.0	252.3	256.5	259.6	261.5	263.2	264.4	264.9
55°	243.5	250.1	256.7	261.6	265.9	269.8	273.1	275.7	277.9	279.6	280.0
52.5°	254.6	262.0	268.5	274.1	279.8	284.4	288.1	291.6	294.7	297.2	298.2
50°	266.6	274.4	282.5	290.0	296.1	301.4	305.8	310.8	316.0	320.4	323.1
47.5°	279.3	288.3	298.1	307.3	314.5	322.3	329.7	337.1	346.9	355.1	361.2
45°	292.6	304.1	315.3	327.0	336.9	351.7	365.5	377.3	393.0	407.2	418.6
42.5°	308.2	322.6	336.3	355.1	374.8	395.0	416.9	435.6	460.1	485.1	505.3
40°	326.7	345.1	369.2	394.5	425.6	453.5	491.2	524.9	562.5	610.2	649.5
37.5°	349.1	377.3	410.9	446.2	494.6	540.9	603.4	669.2	728.9	820.5	897.6
35°	378.1	417.6	461.8	524.1	592.7	679.6	777.0	904.1	1013.1	1167.6	1315.3
32.5°	415.4	466.2	538.4	634.6	736.1	893.7	1048.2	1268.9	1473.3	1718.3	1982.7
30°	456.9	534.3	644.7	776.6	965.9	1197.8	1470.2	1809.1	2179.9	2524.3	2863.6
27.5°	517.2	628.0	773.0	986.0	1280.9	1605.3	2082.6	2542.6	3022.6	3449.2	3805.0
25°	587.6	734.1	958.2	1271.8	1670.7	2226.1	2797.5	3365.3	3881.4	4328.1	4721.2
22.5°	678.4	889.1	1187.9	1594.1	2215.2	2880.9	3551.0	4177.2	4727.8	5225.2	5650.7
20°	777.2	1040.8	1467.6	2073.3	2783.5	3542.0	4298.6	4965.6	5571.9	6135.8	6615.5
17.5°	902.4	1271.6	1812.1	2538.6	3359.7	4190.9	4985.6	5709.5	6397.3	6994.1	7495.3
15°	1009.2	1474.9	2180.2	3032.3	3920.5	4797.2	5636.2	6422.6	7137.7	7750.0	8221.1
12.5°	1151.5	1702.7	2507.1	3456.7	4419.3	5341.7	6225.5	7038.2	7766.0	8371.5	8738.3
10°	1286.1	1938.5	2823.0	3813.4	4813.4	5796.3	6739.9	7573.4	8249.1	8730.7	9043.3
7.5°	1400.5	2141.2	3080.0	4101.7	5126.5	6154.1	7109.3	7920.3	8543.3	8945.5	9163.1
5°	1486.0	2292.7	3270.8	4335.9	5387.5	6433.2	7380.9	8142.2	8680.7	8979.5	9088.7
2.5°	1540.4	2381.7	3381.5	4489.6	5562.2	6609.7	7567.2	8316.6	8773.5	8971.5	8990.3
0°	1562.1	2393.2	3398.6	4570.2	5606.2	6660.0	7620.2	8388.4	8807.9	8970.9	8967.7
-2.5°	1540.4	2381.7	3381.5	4489.6	5562.2	6609.7	7567.2	8316.6	8773.5	8971.5	8990.3
-5°	1486.0	2292.7	3270.8	4335.9	5387.5	6433.2	7380.9	8142.2	8680.7	8979.5	9088.7
-7.5°	1400.5	2141.2	3080.0	4101.7	5126.5	6154.1	7109.3	7920.3	8543.3	8945.5	9163.1
-10°	1286.1	1938.5	2823.0	3813.4	4813.4	5796.3	6739.9	7573.4	8249.1	8730.7	9043.3
-12.5°	1151.5	1702.7	2507.1	3456.7	4419.3	5341.7	6225.5	7038.2	7766.0	8371.5	8738.3
-15°	1009.2	1474.9	2180.2	3032.3	3920.5	4797.2	5636.2	6422.6	7137.7	7750.0	8221.1
-17.5°	902.4	1271.6	1812.1	2538.6	3359.7	4190.9	4985.6	5709.5	6397.3	6994.1	7495.3
-20°	777.2	1040.8	1467.6	2073.3	2783.5	3542.0	4298.6	4965.6	5571.9	6135.8	6615.5



REPORT NUMBER: P626797 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA1E-735-U-MWR-XX

CANDELA DISTRIBUTION (continued):

	-35°	-32.5°	-30°	-27.5°	-25°	-22.5°	-20°	-17.5°	-15°	-12.5°	-10°
-22.5°	678.4	889.1	1187.9	1594.1	2215.2	2880.9	3551.0	4177.2	4727.8	5225.2	5650.7
-25°	587.6	734.1	958.2	1271.8	1670.7	2226.1	2797.5	3365.3	3881.4	4328.1	4721.2
-27.5°	517.2	628.0	773.0	986.0	1280.9	1605.3	2082.6	2542.6	3022.6	3449.2	3805.0
-30°	456.9	534.3	644.7	776.6	965.9	1197.8	1470.2	1809.1	2179.9	2524.3	2863.6
-32.5°	415.4	466.2	538.4	634.6	736.1	893.7	1048.2	1268.9	1473.3	1718.3	1982.7
-35°	378.1	417.6	461.8	524.1	592.7	679.6	777.0	904.1	1013.1	1167.6	1315.3
-37.5°	349.1	377.3	410.9	446.2	494.6	540.9	603.4	669.2	728.9	820.5	897.6
-40°	326.7	345.1	369.2	394.5	425.6	453.5	491.2	524.9	562.5	610.2	649.5
-42.5°	308.2	322.6	336.3	355.1	374.8	395.0	416.9	435.6	460.1	485.1	505.3
-45°	292.6	304.1	315.3	327.0	336.9	351.7	365.5	377.3	393.0	407.2	418.6
-47.5°	279.3	288.3	298.1	307.3	314.5	322.3	329.7	337.1	346.9	355.1	361.2
-50°	266.6	274.4	282.5	290.0	296.1	301.4	305.8	310.8	316.0	320.4	323.1
-52.5°	254.6	262.0	268.5	274.1	279.8	284.4	288.1	291.6	294.7	297.2	298.2
-55°	243.5	250.1	256.7	261.6	265.9	269.8	273.1	275.7	277.9	279.6	280.0
-57.5°	231.1	237.6	243.5	248.0	252.3	256.5	259.6	261.5	263.2	264.4	264.9
-60°	216.3	223.5	228.2	231.9	236.1	240.7	243.2	245.3	247.2	248.8	250.2
-62.5°	198.3	204.3	208.7	212.4	215.8	218.7	222.2	225.0	227.2	229.2	231.5
-65°	177.4	183.4	187.4	190.4	192.8	195.4	199.6	203.0	205.6	207.6	209.5
-67.5°	156.3	162.0	165.9	169.2	171.7	174.3	178.1	181.5	184.5	186.6	187.9
-70°	134.7	140.2	144.5	148.0	150.8	153.5	156.5	159.3	162.0	163.5	164.1
-72.5°	113.2	117.8	122.0	125.8	129.0	131.7	134.0	136.1	137.8	138.8	139.5
-75°	92.5	96.3	99.9	103.2	106.2	108.8	111.0	112.9	114.4	115.2	115.6
-77.5°	73.0	75.8	78.3	80.7	83.0	85.2	87.3	89.1	90.7	91.1	91.0
-80°	54.5	56.4	58.0	59.6	60.9	62.5	63.9	65.2	66.3	66.9	67.3
-82.5°	36.9	38.1	39.2	40.1	40.9	42.1	43.1	44.0	44.8	45.4	45.9
-85°	21.0	21.5	21.9	22.2	22.5	23.5	24.4	25.3	26.2	26.2	26.1
-87.5°	7.9	7.8	7.7	7.5	7.3	7.8	8.4	8.9	9.4	9.1	8.8
-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: P626797 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA1E-735-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°	8.4	8.1	8.1	8.1	8.1	8.1	8.4	8.8	9.1	9.4	8.9
85°	25.9	25.7	25.0	24.2	25.0	25.7	25.9	26.1	26.2	26.2	25.3
82.5°	46.3	46.6	45.9	45.2	45.9	46.6	46.3	45.9	45.4	44.8	44.0
80°	67.5	67.5	66.9	66.2	66.9	67.5	67.5	67.3	66.9	66.3	65.2
77.5°	90.7	90.0	90.3	90.4	90.3	90.0	90.7	91.0	91.1	90.7	89.1
75°	115.8	115.7	115.3	114.6	115.3	115.7	115.8	115.6	115.2	114.4	112.9
72.5°	139.8	139.8	139.5	138.8	139.5	139.8	139.8	139.5	138.8	137.8	136.1
70°	164.3	164.0	164.4	164.6	164.4	164.0	164.3	164.1	163.5	162.0	159.3
67.5°	188.9	189.5	189.4	188.8	189.4	189.5	188.9	187.9	186.6	184.5	181.5
65°	211.0	212.1	212.8	213.0	212.8	212.1	211.0	209.5	207.6	205.6	203.0
62.5°	233.3	234.6	234.7	234.0	234.7	234.6	233.3	231.5	229.2	227.2	225.0
60°	250.9	251.1	250.8	250.1	250.8	251.1	250.9	250.2	248.8	247.2	245.3
57.5°	264.9	264.4	263.8	263.0	263.8	264.4	264.9	264.9	264.4	263.2	261.5
55°	279.8	279.0	278.4	277.6	278.4	279.0	279.8	280.0	279.6	277.9	275.7
52.5°	298.5	298.0	297.6	296.9	297.6	298.0	298.5	298.2	297.2	294.7	291.6
50°	324.5	325.0	324.9	324.4	324.9	325.0	324.5	323.1	320.4	316.0	310.8
47.5°	365.1	367.3	368.7	369.6	368.7	367.3	365.1	361.2	355.1	346.9	337.1
45°	425.8	430.1	433.2	435.7	433.2	430.1	425.8	418.6	407.2	393.0	377.3
42.5°	519.5	529.2	533.7	532.5	533.7	529.2	519.5	505.3	485.1	460.1	435.6
40°	675.8	691.3	699.9	706.8	699.9	691.3	675.8	649.5	610.2	562.5	524.9
37.5°	950.3	980.5	996.4	1010.2	996.4	980.5	950.3	897.6	820.5	728.9	669.2
35°	1425.7	1493.7	1530.1	1542.8	1530.1	1493.7	1425.7	1315.3	1167.6	1013.1	904.1
32.5°	2188.4	2313.8	2383.2	2436.8	2383.2	2313.8	2188.4	1982.7	1718.3	1473.3	1268.9
30°	3132.3	3297.5	3389.3	3434.1	3389.3	3297.5	3132.3	2863.6	2524.3	2179.9	1809.1
27.5°	4100.0	4287.8	4386.8	4381.4	4386.8	4287.8	4100.0	3805.0	3449.2	3022.6	2542.6
25°	5058.3	5275.8	5374.4	5462.6	5374.4	5275.8	5058.3	4721.2	4328.1	3881.4	3365.3
22.5°	6027.5	6281.9	6420.6	6485.7	6420.6	6281.9	6027.5	5650.7	5225.2	4727.8	4177.2
20°	6985.1	7268.3	7415.7	7479.8	7415.7	7268.3	6985.1	6615.5	6135.8	5571.9	4965.6
17.5°	7834.5	8110.9	8251.4	8310.9	8251.4	8110.9	7834.5	7495.3	6994.1	6397.3	5709.5
15°	8512.7	8716.6	8836.0	8867.6	8836.0	8716.6	8512.7	8221.1	7750.0	7137.7	6422.6
12.5°	8981.5	9060.5	9117.9	9135.5	9117.9	9060.5	8981.5	8738.3	8371.5	7766.0	7038.2
10°	9221.2	9185.5	9170.8	9172.7	9170.8	9185.5	9221.2	9043.3	8730.7	8249.1	7573.4
7.5°	9204.6	9151.9	9045.9	9029.0	9045.9	9151.9	9204.6	9163.1	8945.5	8543.3	7920.3
5°	9072.4	8976.3	8800.4	8749.8	8800.4	8976.3	9072.4	9088.7	8979.5	8680.7	8142.2
2.5°	8918.3	8745.1	8583.0	8478.7	8583.0	8745.1	8918.3	8990.3	8971.5	8773.5	8316.6
0°	8872.5	8672.4	8462.6	8394.8	8462.6	8672.4	8872.5	8967.7	8970.9	8807.9	8388.4
-2.5°	8918.3	8745.1	8583.0	8478.7	8583.0	8745.1	8918.3	8990.3	8971.5	8773.5	8316.6
-5°	9072.4	8976.3	8800.4	8749.8	8800.4	8976.3	9072.4	9088.7	8979.5	8680.7	8142.2
-7.5°	9204.6	9151.9	9045.9	9029.0	9045.9	9151.9	9204.6	9163.1	8945.5	8543.3	7920.3
-10°	9221.2	9185.5	9170.8	9172.7	9170.8	9185.5	9221.2	9043.3	8730.7	8249.1	7573.4
-12.5°	8981.5	9060.5	9117.9	9135.5	9117.9	9060.5	8981.5	8738.3	8371.5	7766.0	7038.2
-15°	8512.7	8716.6	8836.0	8867.6	8836.0	8716.6	8512.7	8221.1	7750.0	7137.7	6422.6
-17.5°	7834.5	8110.9	8251.4	8310.9	8251.4	8110.9	7834.5	7495.3	6994.1	6397.3	5709.5
-20°	6985.1	7268.3	7415.7	7479.8	7415.7	7268.3	6985.1	6615.5	6135.8	5571.9	4965.6



REPORT NUMBER: P626797 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA1E-735-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°	6027.5	6281.9	6420.6	6485.7	6420.6	6281.9	6027.5	5650.7	5225.2	4727.8	4177.2
-25°	5058.3	5275.8	5374.4	5462.6	5374.4	5275.8	5058.3	4721.2	4328.1	3881.4	3365.3
-27.5°	4100.0	4287.8	4386.8	4381.4	4386.8	4287.8	4100.0	3805.0	3449.2	3022.6	2542.6
-30°	3132.3	3297.5	3389.3	3434.1	3389.3	3297.5	3132.3	2863.6	2524.3	2179.9	1809.1
-32.5°	2188.4	2313.8	2383.2	2436.8	2383.2	2313.8	2188.4	1982.7	1718.3	1473.3	1268.9
-35°	1425.7	1493.7	1530.1	1542.8	1530.1	1493.7	1425.7	1315.3	1167.6	1013.1	904.1
-37.5°	950.3	980.5	996.4	1010.2	996.4	980.5	950.3	897.6	820.5	728.9	669.2
-40°	675.8	691.3	699.9	706.8	699.9	691.3	675.8	649.5	610.2	562.5	524.9
-42.5°	519.5	529.2	533.7	532.5	533.7	529.2	519.5	505.3	485.1	460.1	435.6
-45°	425.8	430.1	433.2	435.7	433.2	430.1	425.8	418.6	407.2	393.0	377.3
-47.5°	365.1	367.3	368.7	369.6	368.7	367.3	365.1	361.2	355.1	346.9	337.1
-50°	324.5	325.0	324.9	324.4	324.9	325.0	324.5	323.1	320.4	316.0	310.8
-52.5°	298.5	298.0	297.6	296.9	297.6	298.0	298.5	298.2	297.2	294.7	291.6
-55°	279.8	279.0	278.4	277.6	278.4	279.0	279.8	280.0	279.6	277.9	275.7
-57.5°	264.9	264.4	263.8	263.0	263.8	264.4	264.9	264.9	264.4	263.2	261.5
-60°	250.9	251.1	250.8	250.1	250.8	251.1	250.9	250.2	248.8	247.2	245.3
-62.5°	233.3	234.6	234.7	234.0	234.7	234.6	233.3	231.5	229.2	227.2	225.0
-65°	211.0	212.1	212.8	213.0	212.8	212.1	211.0	209.5	207.6	205.6	203.0
-67.5°	188.9	189.5	189.4	188.8	189.4	189.5	188.9	187.9	186.6	184.5	181.5
-70°	164.3	164.0	164.4	164.6	164.4	164.0	164.3	164.1	163.5	162.0	159.3
-72.5°	139.8	139.8	139.5	138.8	139.5	139.8	139.8	139.5	138.8	137.8	136.1
-75°	115.8	115.7	115.3	114.6	115.3	115.7	115.8	115.6	115.2	114.4	112.9
-77.5°	90.7	90.0	90.3	90.4	90.3	90.0	90.7	91.0	91.1	90.7	89.1
-80°	67.5	67.5	66.9	66.2	66.9	67.5	67.5	67.3	66.9	66.3	65.2
-82.5°	46.3	46.6	45.9	45.2	45.9	46.6	46.3	45.9	45.4	44.8	44.0
-85°	25.9	25.7	25.0	24.2	25.0	25.7	25.9	26.1	26.2	26.2	25.3
-87.5°	8.4	8.1	8.1	8.1	8.1	8.1	8.4	8.8	9.1	9.4	8.9
-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: P626797 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA1E-735-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°	8.4	7.8	7.3	7.5	7.7	7.8	7.9	7.7	7.4	7.2	6.9
85°	24.4	23.5	22.5	22.2	21.9	21.5	21.0	20.1	19.1	18.1	17.0
82.5°	43.1	42.1	40.9	40.1	39.2	38.1	36.9	35.2	33.4	31.5	29.7
80°	63.9	62.5	60.9	59.6	58.0	56.4	54.5	51.7	48.8	46.0	43.3
77.5°	87.3	85.2	83.0	80.7	78.3	75.8	73.0	69.5	66.0	62.3	58.6
75°	111.0	108.8	106.2	103.2	99.9	96.3	92.5	88.3	83.9	79.3	74.7
72.5°	134.0	131.7	129.0	125.8	122.0	117.8	113.2	108.0	102.6	97.0	91.4
70°	156.5	153.5	150.8	148.0	144.5	140.2	134.7	128.5	122.0	115.4	109.0
67.5°	178.1	174.3	171.7	169.2	165.9	162.0	156.3	149.6	142.4	134.7	127.1
65°	199.6	195.4	192.8	190.4	187.4	183.4	177.4	170.6	163.0	154.5	145.7
62.5°	222.2	218.7	215.8	212.4	208.7	204.3	198.3	191.2	183.4	174.5	164.3
60°	243.2	240.7	236.1	231.9	228.2	223.5	216.3	209.5	203.2	192.9	181.9
57.5°	259.6	256.5	252.3	248.0	243.5	237.6	231.1	224.7	217.3	208.7	198.4
55°	273.1	269.8	265.9	261.6	256.7	250.1	243.5	236.6	229.5	222.3	212.3
52.5°	288.1	284.4	279.8	274.1	268.5	262.0	254.6	247.2	240.6	233.2	225.1
50°	305.8	301.4	296.1	290.0	282.5	274.4	266.6	258.1	251.1	243.9	235.6
47.5°	329.7	322.3	314.5	307.3	298.1	288.3	279.3	270.5	262.3	254.5	246.0
45°	365.5	351.7	336.9	327.0	315.3	304.1	292.6	282.7	273.2	264.5	256.5
42.5°	416.9	395.0	374.8	355.1	336.3	322.6	308.2	295.9	284.5	274.1	264.8
40°	491.2	453.5	425.6	394.5	369.2	345.1	326.7	310.0	296.8	284.5	273.1
37.5°	603.4	540.9	494.6	446.2	410.9	377.3	349.1	327.3	309.3	295.1	281.9
35°	777.0	679.6	592.7	524.1	461.8	417.6	378.1	347.6	324.6	305.9	290.5
32.5°	1048.2	893.7	736.1	634.6	538.4	466.2	415.4	373.4	341.0	318.7	300.2
30°	1470.2	1197.8	965.9	776.6	644.7	534.3	456.9	405.6	364.1	331.7	310.0
27.5°	2082.6	1605.3	1280.9	986.0	773.0	628.0	517.2	440.1	388.5	349.8	321.2
25°	2797.5	2226.1	1670.7	1271.8	958.2	734.1	587.6	488.4	418.7	368.7	331.1
22.5°	3551.0	2880.9	2215.2	1594.1	1187.9	889.1	678.4	537.1	447.2	388.8	345.5
20°	4298.6	3542.0	2783.5	2073.3	1467.6	1040.8	777.2	601.7	486.9	411.4	359.1
17.5°	4985.6	4190.9	3359.7	2538.6	1812.1	1271.6	902.4	667.0	521.6	431.4	370.9
15°	5636.2	4797.2	3920.5	3032.3	2180.2	1474.9	1009.2	724.0	557.7	454.7	386.4
12.5°	6225.5	5341.7	4419.3	3456.7	2507.1	1702.7	1151.5	807.9	602.1	478.9	400.9
10°	6739.9	5796.3	4813.4	3813.4	2823.0	1938.5	1286.1	879.4	640.5	498.9	412.8
7.5°	7109.3	6154.1	5126.5	4101.7	3080.0	2141.2	1400.5	936.1	670.6	514.3	422.0
5°	7380.9	6433.2	5387.5	4335.9	3270.8	2292.7	1486.0	975.9	692.2	524.9	428.3
2.5°	7567.2	6609.7	5562.2	4489.6	3381.5	2381.7	1540.4	997.3	702.4	533.2	431.9
0°	7620.2	6660.0	5606.2	4570.2	3398.6	2393.2	1562.1	1000.5	702.0	537.4	432.5
-2.5°	7567.2	6609.7	5562.2	4489.6	3381.5	2381.7	1540.4	997.3	702.4	533.2	431.9
-5°	7380.9	6433.2	5387.5	4335.9	3270.8	2292.7	1486.0	975.9	692.2	524.9	428.3
-7.5°	7109.3	6154.1	5126.5	4101.7	3080.0	2141.2	1400.5	936.1	670.6	514.3	422.0
-10°	6739.9	5796.3	4813.4	3813.4	2823.0	1938.5	1286.1	879.4	640.5	498.9	412.8
-12.5°	6225.5	5341.7	4419.3	3456.7	2507.1	1702.7	1151.5	807.9	602.1	478.9	400.9
-15°	5636.2	4797.2	3920.5	3032.3	2180.2	1474.9	1009.2	724.0	557.7	454.7	386.4
-17.5°	4985.6	4190.9	3359.7	2538.6	1812.1	1271.6	902.4	667.0	521.6	431.4	370.9
-20°	4298.6	3542.0	2783.5	2073.3	1467.6	1040.8	777.2	601.7	486.9	411.4	359.1

Classified

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

Scaled Data Report



REPORT NUMBER: P626797 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA1E-735-U-MWR-XX

CANDELA DISTRIBUTION (continued):

	20°	22.5°	25°	27.5°	30°	32.5°	35°	37.5°	40°	42.5°	45°
-22.5°	3551.0	2880.9	2215.2	1594.1	1187.9	889.1	678.4	537.1	447.2	388.8	345.5
-25°	2797.5	2226.1	1670.7	1271.8	958.2	734.1	587.6	488.4	418.7	368.7	331.1
-27.5°	2082.6	1605.3	1280.9	986.0	773.0	628.0	517.2	440.1	388.5	349.8	321.2
-30°	1470.2	1197.8	965.9	776.6	644.7	534.3	456.9	405.6	364.1	331.7	310.0
-32.5°	1048.2	893.7	736.1	634.6	538.4	466.2	415.4	373.4	341.0	318.7	300.2
-35°	777.0	679.6	592.7	524.1	461.8	417.6	378.1	347.6	324.6	305.9	290.5
-37.5°	603.4	540.9	494.6	446.2	410.9	377.3	349.1	327.3	309.3	295.1	281.9
-40°	491.2	453.5	425.6	394.5	369.2	345.1	326.7	310.0	296.8	284.5	273.1
-42.5°	416.9	395.0	374.8	355.1	336.3	322.6	308.2	295.9	284.5	274.1	264.8
-45°	365.5	351.7	336.9	327.0	315.3	304.1	292.6	282.7	273.2	264.5	256.5
-47.5°	329.7	322.3	314.5	307.3	298.1	288.3	279.3	270.5	262.3	254.5	246.0
-50°	305.8	301.4	296.1	290.0	282.5	274.4	266.6	258.1	251.1	243.9	235.6
-52.5°	288.1	284.4	279.8	274.1	268.5	262.0	254.6	247.2	240.6	233.2	225.1
-55°	273.1	269.8	265.9	261.6	256.7	250.1	243.5	236.6	229.5	222.3	212.3
-57.5°	259.6	256.5	252.3	248.0	243.5	237.6	231.1	224.7	217.3	208.7	198.4
-60°	243.2	240.7	236.1	231.9	228.2	223.5	216.3	209.5	203.2	192.9	181.9
-62.5°	222.2	218.7	215.8	212.4	208.7	204.3	198.3	191.2	183.4	174.5	164.3
-65°	199.6	195.4	192.8	190.4	187.4	183.4	177.4	170.6	163.0	154.5	145.7
-67.5°	178.1	174.3	171.7	169.2	165.9	162.0	156.3	149.6	142.4	134.7	127.1
-70°	156.5	153.5	150.8	148.0	144.5	140.2	134.7	128.5	122.0	115.4	109.0
-72.5°	134.0	131.7	129.0	125.8	122.0	117.8	113.2	108.0	102.6	97.0	91.4
-75°	111.0	108.8	106.2	103.2	99.9	96.3	92.5	88.3	83.9	79.3	74.7
-77.5°	87.3	85.2	83.0	80.7	78.3	75.8	73.0	69.5	66.0	62.3	58.6
-80°	63.9	62.5	60.9	59.6	58.0	56.4	54.5	51.7	48.8	46.0	43.3
-82.5°	43.1	42.1	40.9	40.1	39.2	38.1	36.9	35.2	33.4	31.5	29.7
-85°	24.4	23.5	22.5	22.2	21.9	21.5	21.0	20.1	19.1	18.1	17.0
-87.5°	8.4	7.8	7.3	7.5	7.7	7.8	7.9	7.7	7.4	7.2	6.9
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



REPORT NUMBER: P626797 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA1E-735-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°	6.6	6.2	5.9	5.6	5.2	4.8	4.5	4.1	3.6	3.0	2.6
85°	15.9	14.7	13.5	12.3	11.0	9.7	8.9	8.2	7.1	6.1	5.1
82.5°	27.9	26.1	24.3	22.4	20.2	18.1	16.0	13.9	11.7	9.3	7.6
80°	40.9	38.3	35.7	32.9	29.7	26.4	23.5	20.7	17.9	15.0	11.9
77.5°	55.0	51.3	47.4	43.9	40.3	36.3	32.2	27.9	24.1	20.7	17.0
75°	70.1	65.6	60.9	56.2	51.3	46.3	41.5	36.5	31.5	26.5	22.1
72.5°	86.1	80.5	74.7	68.8	63.1	57.2	51.2	45.1	39.3	33.4	27.4
70°	102.5	95.7	88.9	82.3	75.3	68.0	61.1	54.1	47.0	40.2	33.4
67.5°	119.2	111.6	103.6	95.8	88.0	79.8	71.2	62.9	54.9	47.0	39.3
65°	136.9	127.8	118.5	109.5	100.6	91.7	82.3	72.0	62.6	53.8	45.1
62.5°	154.2	144.3	133.8	123.2	113.1	103.2	93.2	81.7	70.4	60.4	50.9
60°	171.0	159.9	148.7	136.9	125.4	114.3	103.2	91.2	78.9	66.9	56.5
57.5°	186.4	174.8	162.2	149.8	137.4	125.1	112.8	100.1	87.0	73.9	61.9
55°	200.9	188.2	175.1	161.7	148.7	135.6	122.3	108.7	94.9	80.9	67.2
52.5°	214.5	201.2	187.3	173.1	159.0	145.5	131.4	117.0	102.4	87.6	73.1
50°	226.3	213.9	199.1	184.1	168.8	154.6	140.3	125.1	109.7	94.1	78.8
47.5°	236.3	224.8	210.6	194.8	178.7	163.5	148.6	132.9	116.7	100.3	84.3
45°	246.0	235.0	221.2	205.1	188.5	172.4	156.6	140.4	123.4	106.3	89.5
42.5°	255.2	244.1	231.3	215.0	197.9	181.0	164.4	147.4	129.8	112.0	94.5
40°	263.0	252.2	240.7	224.5	206.7	189.1	171.8	154.2	136.0	117.5	99.2
37.5°	270.5	259.5	247.7	233.4	215.0	196.7	178.7	160.8	141.9	122.7	103.6
35°	277.9	266.4	254.0	240.4	222.7	203.8	185.2	166.9	147.5	127.7	107.7
32.5°	284.4	272.7	259.8	246.0	229.7	210.3	191.2	172.3	152.7	132.5	111.6
30°	292.2	277.9	264.9	251.6	235.8	216.3	196.8	177.3	157.4	136.9	115.2
27.5°	299.7	282.9	269.6	256.2	240.6	221.8	201.9	181.9	161.8	141.0	118.8
25°	306.9	288.7	273.9	260.0	245.1	227.0	206.6	186.2	165.6	144.6	122.1
22.5°	315.3	294.0	277.9	263.4	249.4	231.7	210.9	190.0	169.1	147.8	125.1
20°	322.7	298.4	281.6	266.5	252.7	235.2	214.7	193.4	172.1	150.6	127.9
17.5°	329.9	303.3	285.3	269.6	255.2	238.3	218.0	196.4	174.8	153.0	130.3
15°	339.9	309.0	288.4	272.1	257.3	241.0	220.9	199.0	177.1	155.1	132.5
12.5°	348.5	313.7	291.0	274.2	258.9	243.1	223.3	201.1	179.0	156.9	134.4
10°	355.4	317.5	293.0	275.9	260.2	244.9	225.2	202.9	180.7	158.5	136.0
7.5°	360.7	320.3	294.5	277.1	261.1	246.1	226.9	204.5	182.2	159.8	137.2
5°	364.3	322.1	295.7	277.7	261.6	246.9	228.2	205.7	183.2	160.7	138.1
2.5°	366.2	323.0	296.6	277.9	261.7	247.1	228.9	206.4	183.8	161.2	138.6
0°	366.3	322.8	296.9	277.6	261.4	246.9	229.2	206.6	184.0	161.4	138.8
-2.5°	366.2	323.0	296.6	277.9	261.7	247.1	228.9	206.4	183.8	161.2	138.6
-5°	364.3	322.1	295.7	277.7	261.6	246.9	228.2	205.7	183.2	160.7	138.1
-7.5°	360.7	320.3	294.5	277.1	261.1	246.1	226.9	204.5	182.2	159.8	137.2
-10°	355.4	317.5	293.0	275.9	260.2	244.9	225.2	202.9	180.7	158.5	136.0
-12.5°	348.5	313.7	291.0	274.2	258.9	243.1	223.3	201.1	179.0	156.9	134.4
-15°	339.9	309.0	288.4	272.1	257.3	241.0	220.9	199.0	177.1	155.1	132.5
-17.5°	329.9	303.3	285.3	269.6	255.2	238.3	218.0	196.4	174.8	153.0	130.3
-20°	322.7	298.4	281.6	266.5	252.7	235.2	214.7	193.4	172.1	150.6	127.9

Classified

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Scaled Data Report



REPORT NUMBER: P626797 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA1E-735-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°	315.3	294.0	277.9	263.4	249.4	231.7	210.9	190.0	169.1	147.8	125.1
-25°	306.9	288.7	273.9	260.0	245.1	227.0	206.6	186.2	165.6	144.6	122.1
-27.5°	299.7	282.9	269.6	256.2	240.6	221.8	201.9	181.9	161.8	141.0	118.8
-30°	292.2	277.9	264.9	251.6	235.8	216.3	196.8	177.3	157.4	136.9	115.2
-32.5°	284.4	272.7	259.8	246.0	229.7	210.3	191.2	172.3	152.7	132.5	111.6
-35°	277.9	266.4	254.0	240.4	222.7	203.8	185.2	166.9	147.5	127.7	107.7
-37.5°	270.5	259.5	247.7	233.4	215.0	196.7	178.7	160.8	141.9	122.7	103.6
-40°	263.0	252.2	240.7	224.5	206.7	189.1	171.8	154.2	136.0	117.5	99.2
-42.5°	255.2	244.1	231.3	215.0	197.9	181.0	164.4	147.4	129.8	112.0	94.5
-45°	246.0	235.0	221.2	205.1	188.5	172.4	156.6	140.4	123.4	106.3	89.5
-47.5°	236.3	224.8	210.6	194.8	178.7	163.5	148.6	132.9	116.7	100.3	84.3
-50°	226.3	213.9	199.1	184.1	168.8	154.6	140.3	125.1	109.7	94.1	78.8
-52.5°	214.5	201.2	187.3	173.1	159.0	145.5	131.4	117.0	102.4	87.6	73.1
-55°	200.9	188.2	175.1	161.7	148.7	135.6	122.3	108.7	94.9	80.9	67.2
-57.5°	186.4	174.8	162.2	149.8	137.4	125.1	112.8	100.1	87.0	73.9	61.9
-60°	171.0	159.9	148.7	136.9	125.4	114.3	103.2	91.2	78.9	66.9	56.5
-62.5°	154.2	144.3	133.8	123.2	113.1	103.2	93.2	81.7	70.4	60.4	50.9
-65°	136.9	127.8	118.5	109.5	100.6	91.7	82.3	72.0	62.6	53.8	45.1
-67.5°	119.2	111.6	103.6	95.8	88.0	79.8	71.2	62.9	54.9	47.0	39.3
-70°	102.5	95.7	88.9	82.3	75.3	68.0	61.1	54.1	47.0	40.2	33.4
-72.5°	86.1	80.5	74.7	68.8	63.1	57.2	51.2	45.1	39.3	33.4	27.4
-75°	70.1	65.6	60.9	56.2	51.3	46.3	41.5	36.5	31.5	26.5	22.1
-77.5°	55.0	51.3	47.4	43.9	40.3	36.3	32.2	27.9	24.1	20.7	17.0
-80°	40.9	38.3	35.7	32.9	29.7	26.4	23.5	20.7	17.9	15.0	11.9
-82.5°	27.9	26.1	24.3	22.4	20.2	18.1	16.0	13.9	11.7	9.3	7.6
-85°	15.9	14.7	13.5	12.3	11.0	9.7	8.9	8.2	7.1	6.1	5.1
-87.5°	6.6	6.2	5.9	5.6	5.2	4.8	4.5	4.1	3.6	3.0	2.6
-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-SA1E-735-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°	2.1	1.8	1.4	1.1	0.7	0.4	0.0
85°	4.2	3.5	2.8	2.1	1.4	0.7	0.0
82.5°	6.3	5.2	4.2	3.2	2.1	1.1	0.0
80°	8.6	7.0	5.6	4.2	2.8	1.4	0.0
77.5°	13.1	9.4	7.0	5.2	3.5	1.8	0.0
75°	17.6	13.1	8.6	6.3	4.2	2.1	0.0
72.5°	22.0	16.8	11.6	7.3	4.9	2.4	0.0
70°	26.5	20.5	14.5	8.5	5.5	2.8	0.0
67.5°	31.5	24.0	17.4	10.7	6.2	3.1	0.0
65°	36.4	27.8	20.2	12.8	6.8	3.4	0.0
62.5°	41.3	31.8	23.0	14.9	7.5	3.7	0.0
60°	46.0	35.7	25.7	16.9	8.1	4.0	0.0
57.5°	50.7	39.4	28.6	18.9	9.4	4.4	0.0
55°	55.3	43.1	31.5	20.8	10.6	4.6	0.0
52.5°	59.8	46.6	34.3	22.7	11.9	4.9	0.0
50°	64.2	50.3	37.0	24.5	13.0	5.2	0.0
47.5°	68.5	53.8	39.5	26.3	14.2	5.5	0.0
45°	72.9	57.3	42.0	28.1	15.2	5.7	0.0
42.5°	77.2	60.6	44.3	29.9	16.2	6.0	0.0
40°	81.2	63.8	46.7	31.5	17.2	6.2	0.0
37.5°	85.0	66.8	49.1	33.0	18.1	6.4	0.0
35°	88.6	69.8	51.4	34.4	19.0	6.6	0.0
32.5°	91.9	72.5	53.6	35.7	19.7	6.8	0.0
30°	95.0	75.1	55.6	37.0	20.5	7.0	0.0
27.5°	97.8	77.5	57.4	38.1	21.1	7.2	0.0
25°	100.4	79.7	59.0	39.1	21.7	7.3	0.0
22.5°	102.7	81.6	60.5	40.1	22.3	7.5	0.0
20°	104.7	83.3	61.8	40.9	22.7	7.6	0.0
17.5°	106.6	84.7	62.9	41.6	23.1	7.7	0.0
15°	108.2	85.9	63.9	42.2	23.5	7.8	0.0
12.5°	109.6	87.0	64.7	42.7	23.8	7.9	0.0
10°	110.8	87.8	65.4	43.1	24.0	8.0	0.0
7.5°	111.8	88.3	65.8	43.4	24.1	8.0	0.0
5°	112.4	88.7	66.1	43.6	24.2	8.1	0.0
2.5°	112.9	88.9	66.3	43.6	24.2	8.1	0.0
0°	113.0	88.8	66.2	43.6	24.2	8.1	0.0
-2.5°	112.9	88.9	66.3	43.6	24.2	8.1	0.0
-5°	112.4	88.7	66.1	43.6	24.2	8.1	0.0
-7.5°	111.8	88.3	65.8	43.4	24.1	8.0	0.0
-10°	110.8	87.8	65.4	43.1	24.0	8.0	0.0
-12.5°	109.6	87.0	64.7	42.7	23.8	7.9	0.0
-15°	108.2	85.9	63.9	42.2	23.5	7.8	0.0
-17.5°	106.6	84.7	62.9	41.6	23.1	7.7	0.0
-20°	104.7	83.3	61.8	40.9	22.7	7.6	0.0

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CATALOG NUMBER: GFLD-SA1E-735-U-MWR-XX

CANDELA DISTRIBUTION (continued):

	75°	77.5°	80°	82.5°	85°	87.5°	90°
-22.5°	102.7	81.6	60.5	40.1	22.3	7.5	0.0
-25°	100.4	79.7	59.0	39.1	21.7	7.3	0.0
-27.5°	97.8	77.5	57.4	38.1	21.1	7.2	0.0
-30°	95.0	75.1	55.6	37.0	20.5	7.0	0.0
-32.5°	91.9	72.5	53.6	35.7	19.7	6.8	0.0
-35°	88.6	69.8	51.4	34.4	19.0	6.6	0.0
-37.5°	85.0	66.8	49.1	33.0	18.1	6.4	0.0
-40°	81.2	63.8	46.7	31.5	17.2	6.2	0.0
-42.5°	77.2	60.6	44.3	29.9	16.2	6.0	0.0
-45°	72.9	57.3	42.0	28.1	15.2	5.7	0.0
-47.5°	68.5	53.8	39.5	26.3	14.2	5.5	0.0
-50°	64.2	50.3	37.0	24.5	13.0	5.2	0.0
-52.5°	59.8	46.6	34.3	22.7	11.9	4.9	0.0
-55°	55.3	43.1	31.5	20.8	10.6	4.6	0.0
-57.5°	50.7	39.4	28.6	18.9	9.4	4.4	0.0
-60°	46.0	35.7	25.7	16.9	8.1	4.0	0.0
-62.5°	41.3	31.8	23.0	14.9	7.5	3.7	0.0
-65°	36.4	27.8	20.2	12.8	6.8	3.4	0.0
-67.5°	31.5	24.0	17.4	10.7	6.2	3.1	0.0
-70°	26.5	20.5	14.5	8.5	5.5	2.8	0.0
-72.5°	22.0	16.8	11.6	7.3	4.9	2.4	0.0
-75°	17.6	13.1	8.6	6.3	4.2	2.1	0.0
-77.5°	13.1	9.4	7.0	5.2	3.5	1.8	0.0
-80°	8.6	7.0	5.6	4.2	2.8	1.4	0.0
-82.5°	6.3	5.2	4.2	3.2	2.1	1.1	0.0
-85°	4.2	3.5	2.8	2.1	1.4	0.7	0.0
-87.5°	2.1	1.8	1.4	1.1	0.7	0.4	0.0
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0

(END OF REPORT)