

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: P626775 (CONVERTED FROM TYPE C PHOTOMETRY)

Luminaire Tested: **GFLD-SA1E-727-U-MR-XX**

Issue Date: 12/7/2022

Test Information

Test Method: LM-79-08
Report Number: P626775 (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-SA1E-727-U-MR-XX
Description: GALLEON FLOOD, ONE LIGHT SQAURE, MEDIUM SYMMETRICAL ROUND N13
Light Source: (16) 2700K CCT, 70 CRI LEDS
Ballast/Driver: -

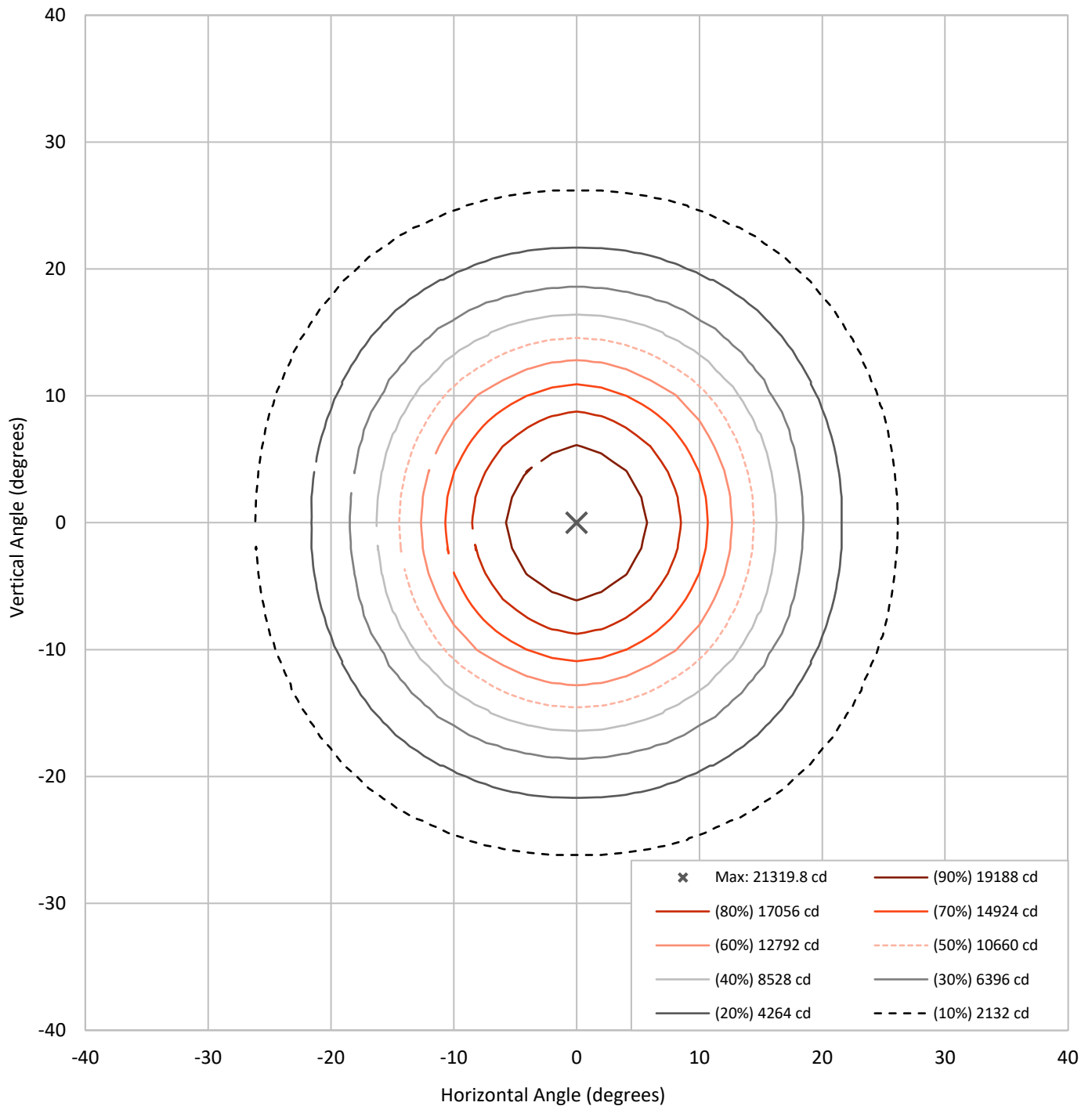
Summary

Lumens per Lamp:	N/A	NEMA Type:	4H x 4V
Luminaire Lumens:	6661.1 lumens	Max Intensity:	21319.8 candela
Efficiency:	N/A	Max Intensity Angle:	0°H x 0°V
Efficacy:	100.6 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:	3238.5 lumens	Field Lumens:	5465.3 lumens
Beam Efficiency:	48.6%	Field Efficiency:	82.0%
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





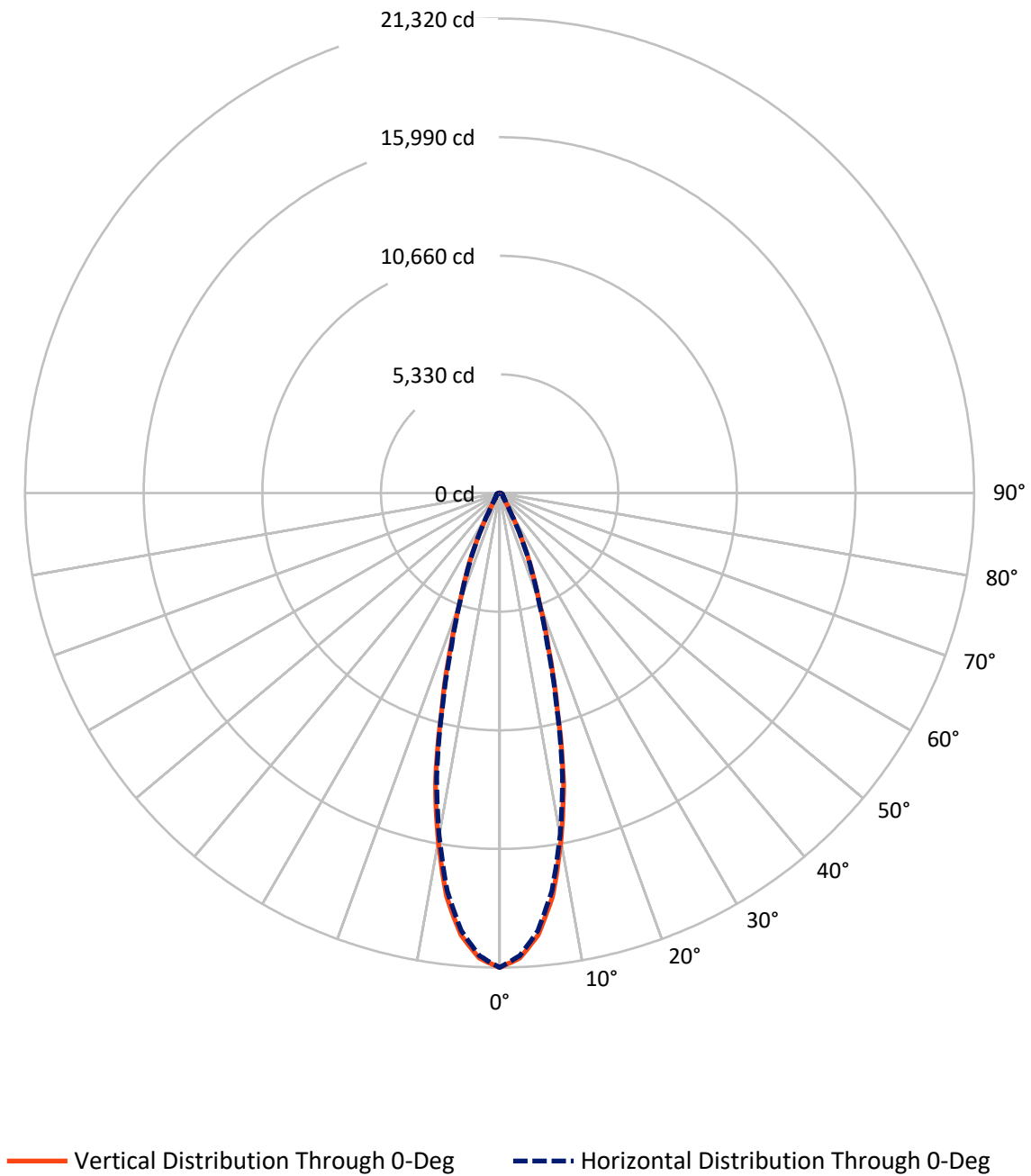
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Lumen Table

90	0.1	1.1	2.9	4.6	5.1	4.6	2.9	1.1	0.1							
80	0.1	1.1	2.9	4.6	5.1	4.6	2.9	1.1	0.1							
70	0.5	0.6	1.2	1.9	2.6	3.2	3.6	3.8	3.8	3.6	3.2	2.6	1.9	1.2	0.6	0.5
60		0.9	1.7	2.8	3.7	4.6	5.1	5.3	5.3	5.1	4.6	3.7	2.8	1.7	0.9	
50	0.9	1.1	2.2	3.4	4.6	5.8	6.8	7.3	7.3	6.8	5.8	4.6	3.4	2.2	1.1	0.9
40		1.3	2.6	4.0	5.6	8.0	11.5	15.0	15.0	11.5	8.0	5.6	4.0	2.6	1.3	
30	1.1	1.4	2.8	4.5	7.2	15.6	43.8	77.8	77.8	43.8	15.6	7.2	4.5	2.8	1.4	1.1
20		1.5	3.0	4.8	9.8	40.9	145.7	279.2	279.2	145.7	40.9	9.8	4.8	3.0	1.5	
10	1.2	1.6	3.0	5.1	12.4	70.6	269.7	530.5	530.5	269.7	70.6	12.4	5.1	3.0	1.6	1.2
0		1.6	3.0	5.1	12.4	70.6	269.7	530.5	530.5	269.7	70.6	12.4	5.1	3.0	1.6	
-10	1.1	1.5	3.0	4.8	9.8	40.9	145.7	279.2	279.2	145.7	40.9	9.8	4.8	3.0	1.5	1.1
-20		1.4	2.8	4.5	7.2	15.6	43.8	77.8	77.8	43.8	15.6	7.2	4.5	2.8	1.4	
-30	0.9	1.3	2.6	4.0	5.6	8.0	11.5	15.0	15.0	11.5	8.0	5.6	4.0	2.6	1.3	0.9
-40		1.1	2.2	3.4	4.6	5.8	6.8	7.3	7.3	6.8	5.8	4.6	3.4	2.2	1.1	
-50	0.5	0.9	1.7	2.8	3.7	4.6	5.1	5.3	5.3	5.1	4.6	3.7	2.8	1.7	0.9	0.5
-60		0.6	1.2	1.9	2.6	3.2	3.6	3.8	3.8	3.6	3.2	2.6	1.9	1.2	0.6	
-70	0.1	1.1	2.9	4.6	5.1	4.6	2.9	1.1	0.1							
-80		0.1	1.1	2.9	4.6	5.1	4.6	2.9	1.1	0.1						
-90	0.1	1.1	2.9	4.6	5.1	4.6	2.9	1.1	0.1							

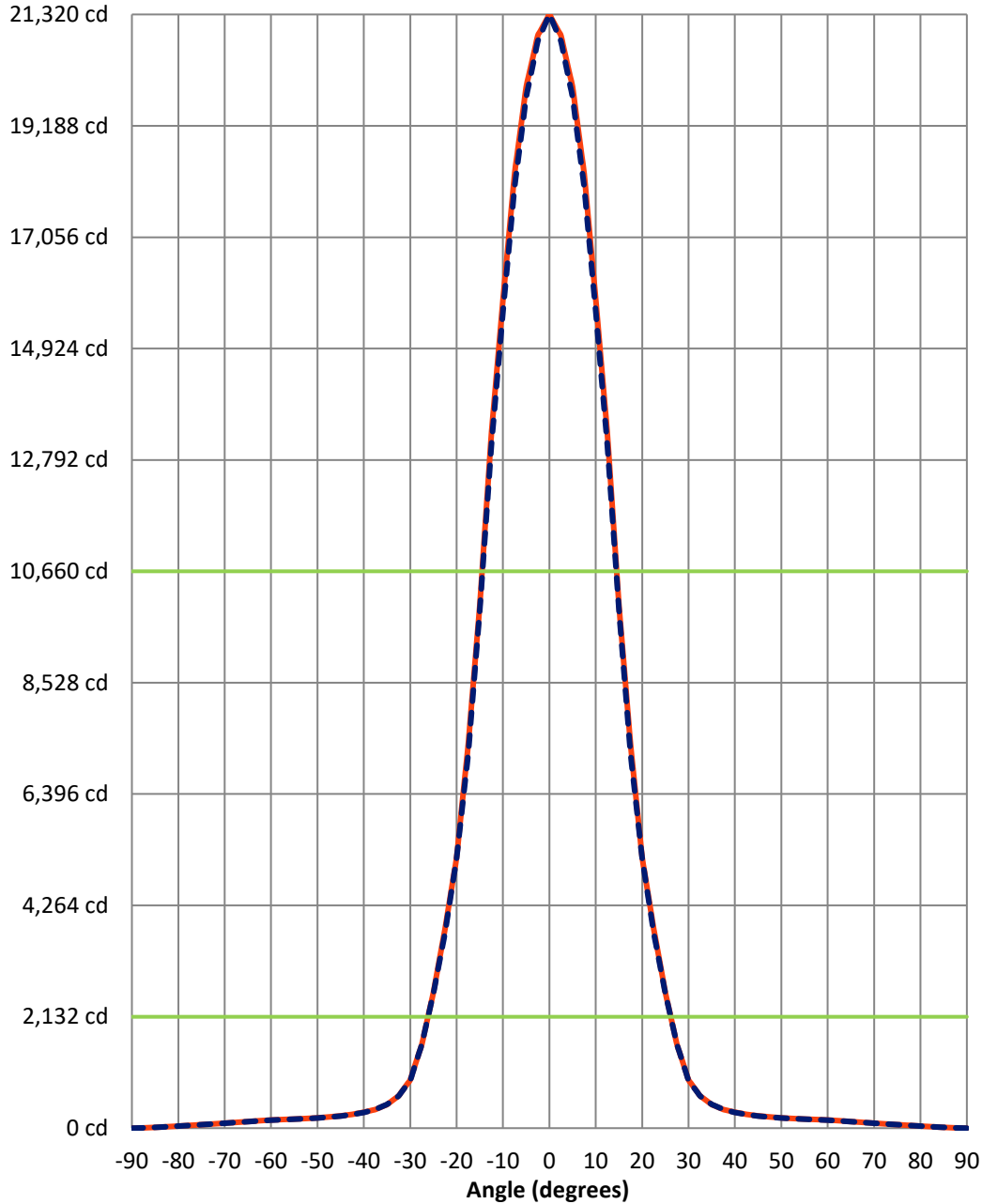
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Luminous Intensity Polar Plot



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Luminous Intensity Plot



Beam:
 H Angle: 28.8°
 V Angle: 29°
 Lumens: 3238.5
 Efficiency: 48.6%

Field:
 H Angle: 52.3°
 V Angle: 52.3°
 Lumens: 5465.3
 Efficiency: 82.0%

Spill:
 Lumens: 1195.8
 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	0.2	0.5	0.7	1.0	1.2	1.4	1.7	1.9	2.1	2.3
85°	0.0	0.5	1.0	1.4	1.9	2.4	2.8	3.3	3.8	4.2	4.6
82.5°	0.0	0.7	1.4	2.1	2.9	3.6	4.3	4.9	5.7	7.0	8.4
80°	0.0	1.0	1.9	2.9	3.8	4.7	5.8	7.5	9.2	11.0	12.9
77.5°	0.0	1.2	2.4	3.6	4.7	6.2	8.2	10.4	12.6	15.0	17.6
75°	0.0	1.4	2.8	4.3	5.8	8.2	10.6	13.2	16.1	19.4	22.6
72.5°	0.0	1.7	3.3	4.9	7.4	10.2	13.0	16.3	20.1	23.9	27.6
70°	0.0	1.9	3.8	5.7	9.0	12.2	15.5	19.7	24.1	28.3	33.0
67.5°	0.0	2.1	4.2	6.9	10.5	14.1	18.5	23.2	28.0	33.2	38.4
65°	0.0	2.3	4.6	8.0	12.1	16.3	21.4	26.5	32.3	38.0	43.8
62.5°	0.0	2.5	5.1	9.2	13.6	18.7	24.3	30.1	36.5	42.8	49.4
60°	0.0	2.7	5.5	10.3	15.0	21.1	27.1	33.7	40.6	47.6	54.9
57.5°	0.0	3.0	6.2	11.3	16.8	23.4	30.0	37.2	44.6	52.3	60.3
55°	0.0	3.2	6.9	12.4	18.6	25.6	32.9	40.7	48.6	56.8	65.5
52.5°	0.0	3.3	7.6	13.4	20.4	27.8	35.7	43.9	52.4	61.4	70.7
50°	0.0	3.5	8.2	14.4	22.0	30.0	38.4	47.1	56.1	65.9	75.4
47.5°	0.0	3.7	8.9	15.4	23.6	32.1	40.9	50.2	59.9	70.2	79.9
45°	0.0	3.9	9.5	16.6	25.2	34.1	43.5	53.2	63.6	74.0	84.2
42.5°	0.0	4.1	10.0	17.7	26.7	36.0	45.9	56.1	67.1	77.6	88.1
40°	0.0	4.2	10.6	18.7	28.1	37.8	48.2	59.0	70.3	81.0	91.8
37.5°	0.0	4.4	11.1	19.7	29.5	39.5	50.4	61.7	73.2	84.2	95.3
35°	0.0	4.5	11.6	20.6	30.8	41.2	52.5	64.2	75.9	87.3	98.6
32.5°	0.0	4.6	12.1	21.5	32.0	42.8	54.4	66.6	78.4	90.1	101.7
30°	0.0	4.8	12.5	22.2	33.1	44.3	56.3	68.7	80.7	92.7	104.7
27.5°	0.0	4.9	12.9	22.9	34.0	45.7	58.0	70.5	82.9	95.2	107.4
25°	0.0	5.0	13.3	23.6	35.0	46.9	59.5	72.2	84.8	97.4	109.9
22.5°	0.0	5.1	13.6	24.1	35.8	48.1	60.9	73.8	86.6	99.4	112.4
20°	0.0	5.2	13.9	24.6	36.6	49.1	62.1	75.1	88.1	101.1	114.6
17.5°	0.0	5.2	14.2	25.0	37.3	49.9	63.2	76.3	89.5	102.7	116.6
15°	0.0	5.3	14.4	25.4	37.9	50.6	64.2	77.4	90.6	104.0	118.2
12.5°	0.0	5.4	14.6	25.6	38.4	51.2	65.0	78.4	91.7	105.1	119.6
10°	0.0	5.4	14.8	25.9	38.9	51.6	65.8	79.2	92.7	106.3	120.8
7.5°	0.0	5.5	14.9	26.0	39.2	51.9	66.3	79.9	93.4	107.5	122.2
5°	0.0	5.5	15.0	26.1	39.5	52.1	66.8	80.3	94.0	108.4	123.3
2.5°	0.0	5.5	15.1	26.1	39.6	52.1	67.0	80.6	94.3	109.1	124.0
0°	0.0	5.5	15.1	26.0	39.7	52.0	67.1	80.7	94.4	109.5	124.5
-2.5°	0.0	5.5	15.1	26.1	39.6	52.1	67.0	80.6	94.3	109.1	124.0
-5°	0.0	5.5	15.0	26.1	39.5	52.1	66.8	80.3	94.0	108.4	123.3
-7.5°	0.0	5.5	14.9	26.0	39.2	51.9	66.3	79.9	93.4	107.5	122.2
-10°	0.0	5.4	14.8	25.9	38.9	51.6	65.8	79.2	92.7	106.3	120.8
-12.5°	0.0	5.4	14.6	25.6	38.4	51.2	65.0	78.4	91.7	105.1	119.6
-15°	0.0	5.3	14.4	25.4	37.9	50.6	64.2	77.4	90.6	104.0	118.2
-17.5°	0.0	5.2	14.2	25.0	37.3	49.9	63.2	76.3	89.5	102.7	116.6
-20°	0.0	5.2	13.9	24.6	36.6	49.1	62.1	75.1	88.1	101.1	114.6

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Scaled Data Report



REPORT NUMBER: P626775 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA1E-727-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	5.1	13.6	24.1	35.8	48.1	60.9	73.8	86.6	99.4	112.4
-25°	0.0	5.0	13.3	23.6	35.0	46.9	59.5	72.2	84.8	97.4	109.9
-27.5°	0.0	4.9	12.9	22.9	34.0	45.7	58.0	70.5	82.9	95.2	107.4
-30°	0.0	4.8	12.5	22.2	33.1	44.3	56.3	68.7	80.7	92.7	104.7
-32.5°	0.0	4.6	12.1	21.5	32.0	42.8	54.4	66.6	78.4	90.1	101.7
-35°	0.0	4.5	11.6	20.6	30.8	41.2	52.5	64.2	75.9	87.3	98.6
-37.5°	0.0	4.4	11.1	19.7	29.5	39.5	50.4	61.7	73.2	84.2	95.3
-40°	0.0	4.2	10.6	18.7	28.1	37.8	48.2	59.0	70.3	81.0	91.8
-42.5°	0.0	4.1	10.0	17.7	26.7	36.0	45.9	56.1	67.1	77.6	88.1
-45°	0.0	3.9	9.5	16.6	25.2	34.1	43.5	53.2	63.6	74.0	84.2
-47.5°	0.0	3.7	8.9	15.4	23.6	32.1	40.9	50.2	59.9	70.2	79.9
-50°	0.0	3.5	8.2	14.4	22.0	30.0	38.4	47.1	56.1	65.9	75.4
-52.5°	0.0	3.3	7.6	13.4	20.4	27.8	35.7	43.9	52.4	61.4	70.7
-55°	0.0	3.2	6.9	12.4	18.6	25.6	32.9	40.7	48.6	56.8	65.5
-57.5°	0.0	3.0	6.2	11.3	16.8	23.4	30.0	37.2	44.6	52.3	60.3
-60°	0.0	2.7	5.5	10.3	15.0	21.1	27.1	33.7	40.6	47.6	54.9
-62.5°	0.0	2.5	5.1	9.2	13.6	18.7	24.3	30.1	36.5	42.8	49.4
-65°	0.0	2.3	4.6	8.0	12.1	16.3	21.4	26.5	32.3	38.0	43.8
-67.5°	0.0	2.1	4.2	6.9	10.5	14.1	18.5	23.2	28.0	33.2	38.4
-70°	0.0	1.9	3.8	5.7	9.0	12.2	15.5	19.7	24.1	28.3	33.0
-72.5°	0.0	1.7	3.3	4.9	7.4	10.2	13.0	16.3	20.1	23.9	27.6
-75°	0.0	1.4	2.8	4.3	5.8	8.2	10.6	13.2	16.1	19.4	22.6
-77.5°	0.0	1.2	2.4	3.6	4.7	6.2	8.2	10.4	12.6	15.0	17.6
-80°	0.0	1.0	1.9	2.9	3.8	4.7	5.8	7.5	9.2	11.0	12.9
-82.5°	0.0	0.7	1.4	2.1	2.9	3.6	4.3	4.9	5.7	7.0	8.4
-85°	0.0	0.5	1.0	1.4	1.9	2.4	2.8	3.3	3.8	4.2	4.6
-87.5°	0.0	0.2	0.5	0.7	1.0	1.2	1.4	1.7	1.9	2.1	2.3
-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°	2.5	2.7	3.0	3.2	3.3	3.5	3.7	3.9	4.1	4.2	4.4
85°	5.1	5.5	6.3	7.1	7.9	8.6	9.3	10.0	10.7	11.3	11.9
82.5°	9.7	10.9	12.1	13.3	14.5	15.6	16.7	17.7	18.7	19.6	20.6
80°	14.7	16.3	18.0	19.6	21.1	22.6	24.0	25.4	26.8	28.2	29.7
77.5°	19.9	22.1	24.1	25.8	27.8	30.1	32.4	34.5	36.6	38.6	40.5
75°	25.4	27.9	30.5	33.2	36.0	38.8	41.5	44.1	46.6	49.2	51.8
72.5°	31.2	34.5	37.7	40.9	44.4	47.7	50.8	53.7	56.9	60.4	63.7
70°	37.3	41.1	45.2	49.2	53.1	56.9	60.8	64.7	68.6	72.4	76.1
67.5°	43.4	48.2	52.9	57.5	61.9	66.5	71.1	75.8	80.3	84.6	88.8
65°	49.9	55.3	60.6	65.7	70.7	76.2	81.6	86.9	92.6	97.9	102.5
62.5°	56.3	62.3	68.1	73.9	79.9	86.1	92.3	98.9	105.7	110.6	114.9
60°	62.4	69.2	75.6	82.3	89.0	95.9	103.1	110.2	116.4	121.8	126.3
57.5°	68.3	75.9	83.1	90.3	97.7	105.5	113.5	120.7	126.5	131.7	136.6
55°	74.1	82.5	90.2	97.8	106.2	115.4	123.6	130.0	136.0	140.3	145.0
52.5°	79.6	88.7	96.6	105.2	114.8	124.3	132.4	138.7	143.7	148.2	152.7
50°	84.9	94.0	102.8	112.6	122.6	132.2	140.5	146.3	151.3	155.9	160.3
47.5°	89.7	99.1	109.1	119.5	130.0	139.5	147.4	153.3	158.5	163.3	168.1
45°	94.2	104.3	114.9	126.3	137.1	146.6	153.7	160.0	165.0	170.4	176.4
42.5°	98.5	109.2	120.8	132.9	144.0	152.6	159.6	165.6	171.4	177.8	184.6
40°	102.7	113.9	126.4	139.2	150.5	157.9	164.9	171.3	177.9	185.2	192.6
37.5°	106.6	118.7	131.6	145.0	155.2	162.9	170.1	177.3	184.7	192.6	201.8
35°	110.2	123.1	136.7	149.6	159.4	167.8	175.5	183.3	191.7	201.2	211.3
32.5°	113.7	127.1	141.3	153.5	163.2	172.2	180.7	189.5	199.1	209.6	221.1
30°	117.2	131.0	145.4	157.4	166.6	175.8	185.8	195.5	206.2	217.9	231.4
27.5°	120.5	134.6	148.9	160.5	169.6	178.9	189.6	201.5	213.2	226.0	241.7
25°	123.6	138.3	152.2	163.0	172.1	181.9	193.1	205.8	219.5	234.7	253.9
22.5°	126.5	141.7	155.4	165.1	174.2	184.5	196.6	210.0	224.9	242.5	266.0
20°	129.3	144.3	157.6	167.0	176.0	186.7	199.6	213.7	230.7	252.1	280.2
17.5°	131.7	146.5	159.0	168.5	177.8	188.8	202.2	216.8	235.9	260.5	293.8
15°	133.7	148.4	160.3	169.7	179.4	191.1	204.8	220.8	241.6	268.8	305.5
12.5°	135.4	149.8	161.4	170.6	180.7	192.7	207.0	224.5	247.4	277.8	321.3
10°	136.7	150.8	162.2	171.1	181.5	193.8	208.7	227.5	252.0	285.3	334.9
7.5°	138.0	151.8	162.8	171.4	182.0	194.3	210.0	229.6	255.4	291.0	345.7
5°	138.9	152.6	163.1	171.9	182.4	194.6	210.8	230.8	257.6	294.7	353.4
2.5°	139.4	153.1	163.2	172.3	182.4	194.7	211.8	231.5	260.0	297.9	357.7
0°	139.6	153.3	162.9	172.4	182.0	194.3	212.1	231.3	261.4	299.7	358.5
-2.5°	139.4	153.1	163.2	172.3	182.4	194.7	211.8	231.5	260.0	297.9	357.7
-5°	138.9	152.6	163.1	171.9	182.4	194.6	210.8	230.8	257.6	294.7	353.4
-7.5°	138.0	151.8	162.8	171.4	182.0	194.3	210.0	229.6	255.4	291.0	345.7
-10°	136.7	150.8	162.2	171.1	181.5	193.8	208.7	227.5	252.0	285.3	334.9
-12.5°	135.4	149.8	161.4	170.6	180.7	192.7	207.0	224.5	247.4	277.8	321.3
-15°	133.7	148.4	160.3	169.7	179.4	191.1	204.8	220.8	241.6	268.8	305.5
-17.5°	131.7	146.5	159.0	168.5	177.8	188.8	202.2	216.8	235.9	260.5	293.8
-20°	129.3	144.3	157.6	167.0	176.0	186.7	199.6	213.7	230.7	252.1	280.2

Classified

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

Scaled Data Report



REPORT NUMBER: P626775 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA1E-727-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°	126.5	141.7	155.4	165.1	174.2	184.5	196.6	210.0	224.9	242.5	266.0
-25°	123.6	138.3	152.2	163.0	172.1	181.9	193.1	205.8	219.5	234.7	253.9
-27.5°	120.5	134.6	148.9	160.5	169.6	178.9	189.6	201.5	213.2	226.0	241.7
-30°	117.2	131.0	145.4	157.4	166.6	175.8	185.8	195.5	206.2	217.9	231.4
-32.5°	113.7	127.1	141.3	153.5	163.2	172.2	180.7	189.5	199.1	209.6	221.1
-35°	110.2	123.1	136.7	149.6	159.4	167.8	175.5	183.3	191.7	201.2	211.3
-37.5°	106.6	118.7	131.6	145.0	155.2	162.9	170.1	177.3	184.7	192.6	201.8
-40°	102.7	113.9	126.4	139.2	150.5	157.9	164.9	171.3	177.9	185.2	192.6
-42.5°	98.5	109.2	120.8	132.9	144.0	152.6	159.6	165.6	171.4	177.8	184.6
-45°	94.2	104.3	114.9	126.3	137.1	146.6	153.7	160.0	165.0	170.4	176.4
-47.5°	89.7	99.1	109.1	119.5	130.0	139.5	147.4	153.3	158.5	163.3	168.1
-50°	84.9	94.0	102.8	112.6	122.6	132.2	140.5	146.3	151.3	155.9	160.3
-52.5°	79.6	88.7	96.6	105.2	114.8	124.3	132.4	138.7	143.7	148.2	152.7
-55°	74.1	82.5	90.2	97.8	106.2	115.4	123.6	130.0	136.0	140.3	145.0
-57.5°	68.3	75.9	83.1	90.3	97.7	105.5	113.5	120.7	126.5	131.7	136.6
-60°	62.4	69.2	75.6	82.3	89.0	95.9	103.1	110.2	116.4	121.8	126.3
-62.5°	56.3	62.3	68.1	73.9	79.9	86.1	92.3	98.9	105.7	110.6	114.9
-65°	49.9	55.3	60.6	65.7	70.7	76.2	81.6	86.9	92.6	97.9	102.5
-67.5°	43.4	48.2	52.9	57.5	61.9	66.5	71.1	75.8	80.3	84.6	88.8
-70°	37.3	41.1	45.2	49.2	53.1	56.9	60.8	64.7	68.6	72.4	76.1
-72.5°	31.2	34.5	37.7	40.9	44.4	47.7	50.8	53.7	56.9	60.4	63.7
-75°	25.4	27.9	30.5	33.2	36.0	38.8	41.5	44.1	46.6	49.2	51.8
-77.5°	19.9	22.1	24.1	25.8	27.8	30.1	32.4	34.5	36.6	38.6	40.5
-80°	14.7	16.3	18.0	19.6	21.1	22.6	24.0	25.4	26.8	28.2	29.7
-82.5°	9.7	10.9	12.1	13.3	14.5	15.6	16.7	17.7	18.7	19.6	20.6
-85°	5.1	5.5	6.3	7.1	7.9	8.6	9.3	10.0	10.7	11.3	11.9
-87.5°	2.5	2.7	3.0	3.2	3.3	3.5	3.7	3.9	4.1	4.2	4.4
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



REPORT NUMBER: P626775 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA1E-727-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°	4.5	4.6	4.8	4.9	5.0	5.1	5.2	5.2	5.3	5.4	5.4
85°	12.5	13.0	13.5	13.9	14.4	14.5	14.5	14.5	14.5	14.6	14.8
82.5°	21.4	22.4	23.3	24.3	25.2	25.6	25.8	26.0	26.2	26.5	26.8
80°	31.1	32.6	34.0	35.3	36.4	37.2	37.9	38.6	39.2	39.5	39.6
77.5°	42.4	44.2	45.9	47.5	49.0	50.1	51.1	51.8	52.4	52.8	53.0
75°	54.4	56.8	58.8	60.8	62.5	63.8	64.6	65.3	65.7	66.1	66.5
72.5°	66.7	69.3	71.8	74.1	76.1	77.6	78.6	79.4	80.0	80.4	80.7
70°	79.5	82.7	85.4	87.7	89.5	90.9	92.0	92.9	93.6	94.0	94.2
67.5°	92.8	96.2	98.7	100.8	102.4	103.9	105.2	106.2	106.8	107.5	108.2
65°	106.4	109.8	112.4	114.6	116.3	118.2	119.9	121.2	122.0	122.8	123.6
62.5°	119.1	123.0	126.0	128.9	131.7	134.4	136.0	137.2	138.1	138.8	139.7
60°	130.7	135.2	138.8	142.3	145.7	149.3	150.7	151.8	152.9	153.8	154.7
57.5°	141.0	145.7	150.2	153.6	156.9	160.2	162.4	163.6	164.5	164.9	165.3
55°	150.0	154.6	159.1	163.0	166.6	170.0	172.5	173.7	174.6	175.2	175.6
52.5°	158.0	163.0	167.8	172.1	176.0	179.6	182.8	184.5	185.8	186.8	187.1
50°	165.8	171.3	176.5	181.1	185.6	190.0	194.0	196.3	197.9	198.9	199.2
47.5°	174.0	179.9	185.6	190.9	196.1	201.2	206.0	209.1	211.5	213.2	214.4
45°	182.6	189.0	195.2	201.5	207.4	214.1	220.1	224.7	228.1	231.0	233.4
42.5°	191.3	198.4	205.5	213.6	221.7	229.3	236.4	242.5	248.1	253.5	257.8
40°	200.6	208.4	218.1	227.8	237.8	246.6	257.0	266.3	274.8	284.1	291.7
37.5°	210.8	220.9	232.4	244.0	257.0	269.6	284.1	298.4	310.8	327.0	340.0
35°	222.0	234.7	248.3	263.9	280.6	300.4	320.7	344.6	364.8	390.6	414.3
32.5°	234.4	249.4	267.1	288.4	311.0	342.8	372.6	413.0	447.6	492.2	540.9
30°	247.1	266.4	290.4	318.0	356.2	401.3	453.9	522.3	596.2	672.7	775.7
27.5°	262.1	287.1	317.2	359.7	416.9	479.4	586.5	702.1	863.1	990.6	1217.7
25°	278.2	309.2	353.6	415.2	494.3	620.7	801.4	1010.6	1332.9	1619.6	1949.0
22.5°	297.3	339.5	398.2	478.9	616.8	834.1	1116.2	1546.0	2023.8	2495.3	2926.3
20°	317.6	368.5	450.6	582.1	795.2	1109.4	1612.7	2226.8	2861.1	3507.3	4051.9
17.5°	341.2	410.4	518.5	693.2	997.2	1535.0	2207.3	2988.2	3816.8	4641.4	5357.7
15°	361.5	447.0	592.6	854.2	1307.6	1980.3	2806.6	3792.9	4834.9	5905.0	7064.9
12.5°	387.4	491.1	668.9	987.4	1582.9	2457.4	3468.4	4613.5	5885.9	7306.8	9115.0
10°	411.2	537.3	769.3	1200.7	1914.0	2903.0	4040.0	5339.1	6989.7	9124.9	11306.0
7.5°	430.2	574.0	847.2	1367.1	2191.6	3283.7	4554.8	6112.3	8171.5	10714.1	13206.1
5°	443.4	599.5	902.9	1492.9	2414.9	3574.7	4920.1	6682.3	9167.6	12014.9	14559.4
2.5°	451.7	613.4	930.2	1567.6	2560.6	3749.7	5148.0	7044.5	9778.1	12842.9	15419.2
0°	455.7	615.8	912.8	1603.9	2581.0	3737.4	5168.8	7165.4	9923.0	13067.8	15633.7
-2.5°	451.7	613.4	930.2	1567.6	2560.6	3749.7	5148.0	7044.5	9778.1	12842.9	15419.2
-5°	443.4	599.5	902.9	1492.9	2414.9	3574.7	4920.1	6682.3	9167.6	12014.9	14559.4
-7.5°	430.2	574.0	847.2	1367.1	2191.6	3283.7	4554.8	6112.3	8171.5	10714.1	13206.1
-10°	411.2	537.3	769.3	1200.7	1914.0	2903.0	4040.0	5339.1	6989.7	9124.9	11306.0
-12.5°	387.4	491.1	668.9	987.4	1582.9	2457.4	3468.4	4613.5	5885.9	7306.8	9115.0
-15°	361.5	447.0	592.6	854.2	1307.6	1980.3	2806.6	3792.9	4834.9	5905.0	7064.9
-17.5°	341.2	410.4	518.5	693.2	997.2	1535.0	2207.3	2988.2	3816.8	4641.4	5357.7
-20°	317.6	368.5	450.6	582.1	795.2	1109.4	1612.7	2226.8	2861.1	3507.3	4051.9

Classified

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

Scaled Data Report



REPORT NUMBER: P626775 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA1E-727-U-MR-XX

CANDELA DISTRIBUTION (continued):

	-35°	-32.5°	-30°	-27.5°	-25°	-22.5°	-20°	-17.5°	-15°	-12.5°	-10°
-22.5°	297.3	339.5	398.2	478.9	616.8	834.1	1116.2	1546.0	2023.8	2495.3	2926.3
-25°	278.2	309.2	353.6	415.2	494.3	620.7	801.4	1010.6	1332.9	1619.6	1949.0
-27.5°	262.1	287.1	317.2	359.7	416.9	479.4	586.5	702.1	863.1	990.6	1217.7
-30°	247.1	266.4	290.4	318.0	356.2	401.3	453.9	522.3	596.2	672.7	775.7
-32.5°	234.4	249.4	267.1	288.4	311.0	342.8	372.6	413.0	447.6	492.2	540.9
-35°	222.0	234.7	248.3	263.9	280.6	300.4	320.7	344.6	364.8	390.6	414.3
-37.5°	210.8	220.9	232.4	244.0	257.0	269.6	284.1	298.4	310.8	327.0	340.0
-40°	200.6	208.4	218.1	227.8	237.8	246.6	257.0	266.3	274.8	284.1	291.7
-42.5°	191.3	198.4	205.5	213.6	221.7	229.3	236.4	242.5	248.1	253.5	257.8
-45°	182.6	189.0	195.2	201.5	207.4	214.1	220.1	224.7	228.1	231.0	233.4
-47.5°	174.0	179.9	185.6	190.9	196.1	201.2	206.0	209.1	211.5	213.2	214.4
-50°	165.8	171.3	176.5	181.1	185.6	190.0	194.0	196.3	197.9	198.9	199.2
-52.5°	158.0	163.0	167.8	172.1	176.0	179.6	182.8	184.5	185.8	186.8	187.1
-55°	150.0	154.6	159.1	163.0	166.6	170.0	172.5	173.7	174.6	175.2	175.6
-57.5°	141.0	145.7	150.2	153.6	156.9	160.2	162.4	163.6	164.5	164.9	165.3
-60°	130.7	135.2	138.8	142.3	145.7	149.3	150.7	151.8	152.9	153.8	154.7
-62.5°	119.1	123.0	126.0	128.9	131.7	134.4	136.0	137.2	138.1	138.8	139.7
-65°	106.4	109.8	112.4	114.6	116.3	118.2	119.9	121.2	122.0	122.8	123.6
-67.5°	92.8	96.2	98.7	100.8	102.4	103.9	105.2	106.2	106.8	107.5	108.2
-70°	79.5	82.7	85.4	87.7	89.5	90.9	92.0	92.9	93.6	94.0	94.2
-72.5°	66.7	69.3	71.8	74.1	76.1	77.6	78.6	79.4	80.0	80.4	80.7
-75°	54.4	56.8	58.8	60.8	62.5	63.8	64.6	65.3	65.7	66.1	66.5
-77.5°	42.4	44.2	45.9	47.5	49.0	50.1	51.1	51.8	52.4	52.8	53.0
-80°	31.1	32.6	34.0	35.3	36.4	37.2	37.9	38.6	39.2	39.5	39.6
-82.5°	21.4	22.4	23.3	24.3	25.2	25.6	25.8	26.0	26.2	26.5	26.8
-85°	12.5	13.0	13.5	13.9	14.4	14.5	14.5	14.5	14.5	14.6	14.8
-87.5°	4.5	4.6	4.8	4.9	5.0	5.1	5.2	5.2	5.3	5.4	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: P626775 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA1E-727-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°	5.5	5.5	5.5	5.5	5.5	5.5	5.5	5.4	5.4	5.3	5.2
85°	14.9	15.0	15.1	15.1	15.1	15.0	14.9	14.8	14.6	14.5	14.5
82.5°	27.1	27.3	27.4	27.4	27.4	27.3	27.1	26.8	26.5	26.2	26.0
80°	39.6	39.5	39.7	39.7	39.7	39.5	39.6	39.6	39.5	39.2	38.6
77.5°	53.2	53.2	53.3	53.4	53.3	53.2	53.2	53.0	52.8	52.4	51.8
75°	66.7	66.8	67.0	67.1	67.0	66.8	66.7	66.5	66.1	65.7	65.3
72.5°	80.6	80.4	80.6	80.7	80.6	80.4	80.6	80.7	80.4	80.0	79.4
70°	94.3	94.1	94.9	95.8	94.9	94.1	94.3	94.2	94.0	93.6	92.9
67.5°	108.7	109.0	110.0	110.8	110.0	109.0	108.7	108.2	107.5	106.8	106.2
65°	124.0	124.0	125.0	125.9	125.0	124.0	124.0	123.6	122.8	122.0	121.2
62.5°	140.3	140.4	141.4	142.3	141.4	140.4	140.3	139.7	138.8	138.1	137.2
60°	155.3	155.5	155.8	156.0	155.8	155.5	155.3	154.7	153.8	152.9	151.8
57.5°	165.4	165.3	165.5	165.6	165.5	165.3	165.4	165.3	164.9	164.5	163.6
55°	175.5	175.1	174.5	173.8	174.5	175.1	175.5	175.6	175.2	174.6	173.7
52.5°	186.8	186.1	185.4	184.7	185.4	186.1	186.8	187.1	186.8	185.8	184.5
50°	199.0	198.3	197.7	197.1	197.7	198.3	199.0	199.2	198.9	197.9	196.3
47.5°	215.2	215.5	215.4	214.9	215.4	215.5	215.2	214.4	213.2	211.5	209.1
45°	235.0	235.8	235.9	235.4	235.9	235.8	235.0	233.4	231.0	228.1	224.7
42.5°	260.8	262.5	263.4	264.1	263.4	262.5	260.8	257.8	253.5	248.1	242.5
40°	297.3	300.8	303.1	305.2	303.1	300.8	297.3	291.7	284.1	274.8	266.3
37.5°	349.7	356.1	359.0	357.2	359.0	356.1	349.7	340.0	327.0	310.8	298.4
35°	432.5	444.7	451.1	451.6	451.1	444.7	432.5	414.3	390.6	364.8	344.6
32.5°	576.9	601.9	615.3	617.2	615.3	601.9	576.9	540.9	492.2	447.6	413.0
30°	854.6	905.5	929.4	923.7	929.4	905.5	854.6	775.7	672.7	596.2	522.3
27.5°	1394.2	1521.2	1596.5	1602.5	1596.5	1521.2	1394.2	1217.7	990.6	863.1	702.1
25°	2240.8	2457.7	2596.5	2598.8	2596.5	2457.7	2240.8	1949.0	1619.6	1332.9	1010.6
22.5°	3324.8	3620.8	3782.9	3811.3	3782.9	3620.8	3324.8	2926.3	2495.3	2023.8	1546.0
20°	4580.6	4974.3	5185.0	5185.2	5185.0	4974.3	4580.6	4051.9	3507.3	2861.1	2226.8
17.5°	6127.1	6766.5	7167.9	7340.6	7167.9	6766.5	6127.1	5357.7	4641.4	3816.8	2988.2
15°	8181.7	9256.2	9900.0	10016.0	9900.0	9256.2	8181.7	7064.9	5905.0	4834.9	3792.9
12.5°	10683.4	12043.2	12957.2	13292.2	12957.2	12043.2	10683.4	9115.0	7306.8	5885.9	4613.5
10°	13295.5	14555.3	15534.6	15863.6	15534.6	14555.3	13295.5	11306.0	9124.9	6989.7	5339.1
7.5°	15182.5	16684.8	17787.8	18272.1	17787.8	16684.8	15182.5	13206.1	10714.1	8171.5	6112.3
5°	16672.1	18449.7	19476.4	19932.1	19476.4	18449.7	16672.1	14559.4	12014.9	9167.6	6682.3
2.5°	17649.4	19405.9	20493.2	20913.3	20493.2	19405.9	17649.4	15419.2	12842.9	9778.1	7044.5
0°	18014.9	19732.3	20806.6	21319.8	20806.6	19732.3	18014.9	15633.7	13067.8	9923.0	7165.4
-2.5°	17649.4	19405.9	20493.2	20913.3	20493.2	19405.9	17649.4	15419.2	12842.9	9778.1	7044.5
-5°	16672.1	18449.7	19476.4	19932.1	19476.4	18449.7	16672.1	14559.4	12014.9	9167.6	6682.3
-7.5°	15182.5	16684.8	17787.8	18272.1	17787.8	16684.8	15182.5	13206.1	10714.1	8171.5	6112.3
-10°	13295.5	14555.3	15534.6	15863.6	15534.6	14555.3	13295.5	11306.0	9124.9	6989.7	5339.1
-12.5°	10683.4	12043.2	12957.2	13292.2	12957.2	12043.2	10683.4	9115.0	7306.8	5885.9	4613.5
-15°	8181.7	9256.2	9900.0	10016.0	9900.0	9256.2	8181.7	7064.9	5905.0	4834.9	3792.9
-17.5°	6127.1	6766.5	7167.9	7340.6	7167.9	6766.5	6127.1	5357.7	4641.4	3816.8	2988.2
-20°	4580.6	4974.3	5185.0	5185.2	5185.0	4974.3	4580.6	4051.9	3507.3	2861.1	2226.8



REPORT NUMBER: P626775 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA1E-727-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°	3324.8	3620.8	3782.9	3811.3	3782.9	3620.8	3324.8	2926.3	2495.3	2023.8	1546.0
-25°	2240.8	2457.7	2596.5	2598.8	2596.5	2457.7	2240.8	1949.0	1619.6	1332.9	1010.6
-27.5°	1394.2	1521.2	1596.5	1602.5	1596.5	1521.2	1394.2	1217.7	990.6	863.1	702.1
-30°	854.6	905.5	929.4	923.7	929.4	905.5	854.6	775.7	672.7	596.2	522.3
-32.5°	576.9	601.9	615.3	617.2	615.3	601.9	576.9	540.9	492.2	447.6	413.0
-35°	432.5	444.7	451.1	451.6	451.1	444.7	432.5	414.3	390.6	364.8	344.6
-37.5°	349.7	356.1	359.0	357.2	359.0	356.1	349.7	340.0	327.0	310.8	298.4
-40°	297.3	300.8	303.1	305.2	303.1	300.8	297.3	291.7	284.1	274.8	266.3
-42.5°	260.8	262.5	263.4	264.1	263.4	262.5	260.8	257.8	253.5	248.1	242.5
-45°	235.0	235.8	235.9	235.4	235.9	235.8	235.0	233.4	231.0	228.1	224.7
-47.5°	215.2	215.5	215.4	214.9	215.4	215.5	215.2	214.4	213.2	211.5	209.1
-50°	199.0	198.3	197.7	197.1	197.7	198.3	199.0	199.2	198.9	197.9	196.3
-52.5°	186.8	186.1	185.4	184.7	185.4	186.1	186.8	187.1	186.8	185.8	184.5
-55°	175.5	175.1	174.5	173.8	174.5	175.1	175.5	175.6	175.2	174.6	173.7
-57.5°	165.4	165.3	165.5	165.6	165.5	165.3	165.4	165.3	164.9	164.5	163.6
-60°	155.3	155.5	155.8	156.0	155.8	155.5	155.3	154.7	153.8	152.9	151.8
-62.5°	140.3	140.4	141.4	142.3	141.4	140.4	140.3	139.7	138.8	138.1	137.2
-65°	124.0	124.0	125.0	125.9	125.0	124.0	124.0	123.6	122.8	122.0	121.2
-67.5°	108.7	109.0	110.0	110.8	110.0	109.0	108.7	108.2	107.5	106.8	106.2
-70°	94.3	94.1	94.9	95.8	94.9	94.1	94.3	94.2	94.0	93.6	92.9
-72.5°	80.6	80.4	80.6	80.7	80.6	80.4	80.6	80.7	80.4	80.0	79.4
-75°	66.7	66.8	67.0	67.1	67.0	66.8	66.7	66.5	66.1	65.7	65.3
-77.5°	53.2	53.2	53.3	53.4	53.3	53.2	53.2	53.0	52.8	52.4	51.8
-80°	39.6	39.5	39.7	39.7	39.7	39.5	39.6	39.6	39.5	39.2	38.6
-82.5°	27.1	27.3	27.4	27.4	27.4	27.3	27.1	26.8	26.5	26.2	26.0
-85°	14.9	15.0	15.1	15.1	15.1	15.0	14.9	14.8	14.6	14.5	14.5
-87.5°	5.5	5.5	5.5	5.5	5.5	5.5	5.5	5.4	5.4	5.3	5.2
-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: P626775 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA1E-727-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°	5.2	5.1	5.0	4.9	4.8	4.6	4.5	4.4	4.2	4.1	3.9
85°	14.5	14.5	14.4	13.9	13.5	13.0	12.5	11.9	11.3	10.7	10.0
82.5°	25.8	25.6	25.2	24.3	23.3	22.4	21.4	20.6	19.6	18.7	17.7
80°	37.9	37.2	36.4	35.3	34.0	32.6	31.1	29.7	28.2	26.8	25.4
77.5°	51.1	50.1	49.0	47.5	45.9	44.2	42.4	40.5	38.6	36.6	34.5
75°	64.6	63.8	62.5	60.8	58.8	56.8	54.4	51.8	49.2	46.6	44.1
72.5°	78.6	77.6	76.1	74.1	71.8	69.3	66.7	63.7	60.4	56.9	53.7
70°	92.0	90.9	89.5	87.7	85.4	82.7	79.5	76.1	72.4	68.6	64.7
67.5°	105.2	103.9	102.4	100.8	98.7	96.2	92.8	88.8	84.6	80.3	75.8
65°	119.9	118.2	116.3	114.6	112.4	109.8	106.4	102.5	97.9	92.6	86.9
62.5°	136.0	134.4	131.7	128.9	126.0	123.0	119.1	114.9	110.6	105.7	98.9
60°	150.7	149.3	145.7	142.3	138.8	135.2	130.7	126.3	121.8	116.4	110.2
57.5°	162.4	160.2	156.9	153.6	150.2	145.7	141.0	136.6	131.7	126.5	120.7
55°	172.5	170.0	166.6	163.0	159.1	154.6	150.0	145.0	140.3	136.0	130.0
52.5°	182.8	179.6	176.0	172.1	167.8	163.0	158.0	152.7	148.2	143.7	138.7
50°	194.0	190.0	185.6	181.1	176.5	171.3	165.8	160.3	155.9	151.3	146.3
47.5°	206.0	201.2	196.1	190.9	185.6	179.9	174.0	168.1	163.3	158.5	153.3
45°	220.1	214.1	207.4	201.5	195.2	189.0	182.6	176.4	170.4	165.0	160.0
42.5°	236.4	229.3	221.7	213.6	205.5	198.4	191.3	184.6	177.8	171.4	165.6
40°	257.0	246.6	237.8	227.8	218.1	208.4	200.6	192.6	185.2	177.9	171.3
37.5°	284.1	269.6	257.0	244.0	232.4	220.9	210.8	201.8	192.6	184.7	177.3
35°	320.7	300.4	280.6	263.9	248.3	234.7	222.0	211.3	201.2	191.7	183.3
32.5°	372.6	342.8	311.0	288.4	267.1	249.4	234.4	221.1	209.6	199.1	189.5
30°	453.9	401.3	356.2	318.0	290.4	266.4	247.1	231.4	217.9	206.2	195.5
27.5°	586.5	479.4	416.9	359.7	317.2	287.1	262.1	241.7	226.0	213.2	201.5
25°	801.4	620.7	494.3	415.2	353.6	309.2	278.2	253.9	234.7	219.5	205.8
22.5°	1116.2	834.1	616.8	478.9	398.2	339.5	297.3	266.0	242.5	224.9	210.0
20°	1612.7	1109.4	795.2	582.1	450.6	368.5	317.6	280.2	252.1	230.7	213.7
17.5°	2207.3	1535.0	997.2	693.2	518.5	410.4	341.2	293.8	260.5	235.9	216.8
15°	2806.6	1980.3	1307.6	854.2	592.6	447.0	361.5	305.5	268.8	241.6	220.8
12.5°	3468.4	2457.4	1582.9	987.4	668.9	491.1	387.4	321.3	277.8	247.4	224.5
10°	4040.0	2903.0	1914.0	1200.7	769.3	537.3	411.2	334.9	285.3	252.0	227.5
7.5°	4554.8	3283.7	2191.6	1367.1	847.2	574.0	430.2	345.7	291.0	255.4	229.6
5°	4920.1	3574.7	2414.9	1492.9	902.9	599.5	443.4	353.4	294.7	257.6	230.8
2.5°	5148.0	3749.7	2560.6	1567.6	930.2	613.4	451.7	357.7	297.9	260.0	231.5
0°	5168.8	3737.4	2581.0	1603.9	912.8	615.8	455.7	358.5	299.7	261.4	231.3
-2.5°	5148.0	3749.7	2560.6	1567.6	930.2	613.4	451.7	357.7	297.9	260.0	231.5
-5°	4920.1	3574.7	2414.9	1492.9	902.9	599.5	443.4	353.4	294.7	257.6	230.8
-7.5°	4554.8	3283.7	2191.6	1367.1	847.2	574.0	430.2	345.7	291.0	255.4	229.6
-10°	4040.0	2903.0	1914.0	1200.7	769.3	537.3	411.2	334.9	285.3	252.0	227.5
-12.5°	3468.4	2457.4	1582.9	987.4	668.9	491.1	387.4	321.3	277.8	247.4	224.5
-15°	2806.6	1980.3	1307.6	854.2	592.6	447.0	361.5	305.5	268.8	241.6	220.8
-17.5°	2207.3	1535.0	997.2	693.2	518.5	410.4	341.2	293.8	260.5	235.9	216.8
-20°	1612.7	1109.4	795.2	582.1	450.6	368.5	317.6	280.2	252.1	230.7	213.7

Classified

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

Scaled Data Report



REPORT NUMBER: P626775 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA1E-727-U-MR-XX

CANDELA DISTRIBUTION (continued):

	20°	22.5°	25°	27.5°	30°	32.5°	35°	37.5°	40°	42.5°	45°
-22.5°	1116.2	834.1	616.8	478.9	398.2	339.5	297.3	266.0	242.5	224.9	210.0
-25°	801.4	620.7	494.3	415.2	353.6	309.2	278.2	253.9	234.7	219.5	205.8
-27.5°	586.5	479.4	416.9	359.7	317.2	287.1	262.1	241.7	226.0	213.2	201.5
-30°	453.9	401.3	356.2	318.0	290.4	266.4	247.1	231.4	217.9	206.2	195.5
-32.5°	372.6	342.8	311.0	288.4	267.1	249.4	234.4	221.1	209.6	199.1	189.5
-35°	320.7	300.4	280.6	263.9	248.3	234.7	222.0	211.3	201.2	191.7	183.3
-37.5°	284.1	269.6	257.0	244.0	232.4	220.9	210.8	201.8	192.6	184.7	177.3
-40°	257.0	246.6	237.8	227.8	218.1	208.4	200.6	192.6	185.2	177.9	171.3
-42.5°	236.4	229.3	221.7	213.6	205.5	198.4	191.3	184.6	177.8	171.4	165.6
-45°	220.1	214.1	207.4	201.5	195.2	189.0	182.6	176.4	170.4	165.0	160.0
-47.5°	206.0	201.2	196.1	190.9	185.6	179.9	174.0	168.1	163.3	158.5	153.3
-50°	194.0	190.0	185.6	181.1	176.5	171.3	165.8	160.3	155.9	151.3	146.3
-52.5°	182.8	179.6	176.0	172.1	167.8	163.0	158.0	152.7	148.2	143.7	138.7
-55°	172.5	170.0	166.6	163.0	159.1	154.6	150.0	145.0	140.3	136.0	130.0
-57.5°	162.4	160.2	156.9	153.6	150.2	145.7	141.0	136.6	131.7	126.5	120.7
-60°	150.7	149.3	145.7	142.3	138.8	135.2	130.7	126.3	121.8	116.4	110.2
-62.5°	136.0	134.4	131.7	128.9	126.0	123.0	119.1	114.9	110.6	105.7	98.9
-65°	119.9	118.2	116.3	114.6	112.4	109.8	106.4	102.5	97.9	92.6	86.9
-67.5°	105.2	103.9	102.4	100.8	98.7	96.2	92.8	88.8	84.6	80.3	75.8
-70°	92.0	90.9	89.5	87.7	85.4	82.7	79.5	76.1	72.4	68.6	64.7
-72.5°	78.6	77.6	76.1	74.1	71.8	69.3	66.7	63.7	60.4	56.9	53.7
-75°	64.6	63.8	62.5	60.8	58.8	56.8	54.4	51.8	49.2	46.6	44.1
-77.5°	51.1	50.1	49.0	47.5	45.9	44.2	42.4	40.5	38.6	36.6	34.5
-80°	37.9	37.2	36.4	35.3	34.0	32.6	31.1	29.7	28.2	26.8	25.4
-82.5°	25.8	25.6	25.2	24.3	23.3	22.4	21.4	20.6	19.6	18.7	17.7
-85°	14.5	14.5	14.4	13.9	13.5	13.0	12.5	11.9	11.3	10.7	10.0
-87.5°	5.2	5.1	5.0	4.9	4.8	4.6	4.5	4.4	4.2	4.1	3.9
-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: P626775 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA1E-727-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°	3.7	3.5	3.3	3.2	3.0	2.7	2.5	2.3	2.1	1.9	1.7
85°	9.3	8.6	7.9	7.1	6.3	5.5	5.1	4.6	4.2	3.8	3.3
82.5°	16.7	15.6	14.5	13.3	12.1	10.9	9.7	8.4	7.0	5.7	4.9
80°	24.0	22.6	21.1	19.6	18.0	16.3	14.7	12.9	11.0	9.2	7.5
77.5°	32.4	30.1	27.8	25.8	24.1	22.1	19.9	17.6	15.0	12.6	10.4
75°	41.5	38.8	36.0	33.2	30.5	27.9	25.4	22.6	19.4	16.1	13.2
72.5°	50.8	47.7	44.4	40.9	37.7	34.5	31.2	27.6	23.9	20.1	16.3
70°	60.8	56.9	53.1	49.2	45.2	41.1	37.3	33.0	28.3	24.1	19.7
67.5°	71.1	66.5	61.9	57.5	52.9	48.2	43.4	38.4	33.2	28.0	23.2
65°	81.6	76.2	70.7	65.7	60.6	55.3	49.9	43.8	38.0	32.3	26.5
62.5°	92.3	86.1	79.9	73.9	68.1	62.3	56.3	49.4	42.8	36.5	30.1
60°	103.1	95.9	89.0	82.3	75.6	69.2	62.4	54.9	47.6	40.6	33.7
57.5°	113.5	105.5	97.7	90.3	83.1	75.9	68.3	60.3	52.3	44.6	37.2
55°	123.6	115.4	106.2	97.8	90.2	82.5	74.1	65.5	56.8	48.6	40.7
52.5°	132.4	124.3	114.8	105.2	96.6	88.7	79.6	70.7	61.4	52.4	43.9
50°	140.5	132.2	122.6	112.6	102.8	94.0	84.9	75.4	65.9	56.1	47.1
47.5°	147.4	139.5	130.0	119.5	109.1	99.1	89.7	79.9	70.2	59.9	50.2
45°	153.7	146.6	137.1	126.3	114.9	104.3	94.2	84.2	74.0	63.6	53.2
42.5°	159.6	152.6	144.0	132.9	120.8	109.2	98.5	88.1	77.6	67.1	56.1
40°	164.9	157.9	150.5	139.2	126.4	113.9	102.7	91.8	81.0	70.3	59.0
37.5°	170.1	162.9	155.2	145.0	131.6	118.7	106.6	95.3	84.2	73.2	61.7
35°	175.5	167.8	159.4	149.6	136.7	123.1	110.2	98.6	87.3	75.9	64.2
32.5°	180.7	172.2	163.2	153.5	141.3	127.1	113.7	101.7	90.1	78.4	66.6
30°	185.8	175.8	166.6	157.4	145.4	131.0	117.2	104.7	92.7	80.7	68.7
27.5°	189.6	178.9	169.6	160.5	148.9	134.6	120.5	107.4	95.2	82.9	70.5
25°	193.1	181.9	172.1	163.0	152.2	138.3	123.6	109.9	97.4	84.8	72.2
22.5°	196.6	184.5	174.2	165.1	155.4	141.7	126.5	112.4	99.4	86.6	73.8
20°	199.6	186.7	176.0	167.0	157.6	144.3	129.3	114.6	101.1	88.1	75.1
17.5°	202.2	188.8	177.8	168.5	159.0	146.5	131.7	116.6	102.7	89.5	76.3
15°	204.8	191.1	179.4	169.7	160.3	148.4	133.7	118.2	104.0	90.6	77.4
12.5°	207.0	192.7	180.7	170.6	161.4	149.8	135.4	119.6	105.1	91.7	78.4
10°	208.7	193.8	181.5	171.1	162.2	150.8	136.7	120.8	106.3	92.7	79.2
7.5°	210.0	194.3	182.0	171.4	162.8	151.8	138.0	122.2	107.5	93.4	79.9
5°	210.8	194.6	182.4	171.9	163.1	152.6	138.9	123.3	108.4	94.0	80.3
2.5°	211.8	194.7	182.4	172.3	163.2	153.1	139.4	124.0	109.1	94.3	80.6
0°	212.1	194.3	182.0	172.4	162.9	153.3	139.6	124.5	109.5	94.4	80.7
-2.5°	211.8	194.7	182.4	172.3	163.2	153.1	139.4	124.0	109.1	94.3	80.6
-5°	210.8	194.6	182.4	171.9	163.1	152.6	138.9	123.3	108.4	94.0	80.3
-7.5°	210.0	194.3	182.0	171.4	162.8	151.8	138.0	122.2	107.5	93.4	79.9
-10°	208.7	193.8	181.5	171.1	162.2	150.8	136.7	120.8	106.3	92.7	79.2
-12.5°	207.0	192.7	180.7	170.6	161.4	149.8	135.4	119.6	105.1	91.7	78.4
-15°	204.8	191.1	179.4	169.7	160.3	148.4	133.7	118.2	104.0	90.6	77.4
-17.5°	202.2	188.8	177.8	168.5	159.0	146.5	131.7	116.6	102.7	89.5	76.3
-20°	199.6	186.7	176.0	167.0	157.6	144.3	129.3	114.6	101.1	88.1	75.1

Classified

Cooper Lighting Solutions Photometric Lab
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Scaled Data Report



REPORT NUMBER: P626775 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA1E-727-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°	196.6	184.5	174.2	165.1	155.4	141.7	126.5	112.4	99.4	86.6	73.8
-25°	193.1	181.9	172.1	163.0	152.2	138.3	123.6	109.9	97.4	84.8	72.2
-27.5°	189.6	178.9	169.6	160.5	148.9	134.6	120.5	107.4	95.2	82.9	70.5
-30°	185.8	175.8	166.6	157.4	145.4	131.0	117.2	104.7	92.7	80.7	68.7
-32.5°	180.7	172.2	163.2	153.5	141.3	127.1	113.7	101.7	90.1	78.4	66.6
-35°	175.5	167.8	159.4	149.6	136.7	123.1	110.2	98.6	87.3	75.9	64.2
-37.5°	170.1	162.9	155.2	145.0	131.6	118.7	106.6	95.3	84.2	73.2	61.7
-40°	164.9	157.9	150.5	139.2	126.4	113.9	102.7	91.8	81.0	70.3	59.0
-42.5°	159.6	152.6	144.0	132.9	120.8	109.2	98.5	88.1	77.6	67.1	56.1
-45°	153.7	146.6	137.1	126.3	114.9	104.3	94.2	84.2	74.0	63.6	53.2
-47.5°	147.4	139.5	130.0	119.5	109.1	99.1	89.7	79.9	70.2	59.9	50.2
-50°	140.5	132.2	122.6	112.6	102.8	94.0	84.9	75.4	65.9	56.1	47.1
-52.5°	132.4	124.3	114.8	105.2	96.6	88.7	79.6	70.7	61.4	52.4	43.9
-55°	123.6	115.4	106.2	97.8	90.2	82.5	74.1	65.5	56.8	48.6	40.7
-57.5°	113.5	105.5	97.7	90.3	83.1	75.9	68.3	60.3	52.3	44.6	37.2
-60°	103.1	95.9	89.0	82.3	75.6	69.2	62.4	54.9	47.6	40.6	33.7
-62.5°	92.3	86.1	79.9	73.9	68.1	62.3	56.3	49.4	42.8	36.5	30.1
-65°	81.6	76.2	70.7	65.7	60.6	55.3	49.9	43.8	38.0	32.3	26.5
-67.5°	71.1	66.5	61.9	57.5	52.9	48.2	43.4	38.4	33.2	28.0	23.2
-70°	60.8	56.9	53.1	49.2	45.2	41.1	37.3	33.0	28.3	24.1	19.7
-72.5°	50.8	47.7	44.4	40.9	37.7	34.5	31.2	27.6	23.9	20.1	16.3
-75°	41.5	38.8	36.0	33.2	30.5	27.9	25.4	22.6	19.4	16.1	13.2
-77.5°	32.4	30.1	27.8	25.8	24.1	22.1	19.9	17.6	15.0	12.6	10.4
-80°	24.0	22.6	21.1	19.6	18.0	16.3	14.7	12.9	11.0	9.2	7.5
-82.5°	16.7	15.6	14.5	13.3	12.1	10.9	9.7	8.4	7.0	5.7	4.9
-85°	9.3	8.6	7.9	7.1	6.3	5.5	5.1	4.6	4.2	3.8	3.3
-87.5°	3.7	3.5	3.3	3.2	3.0	2.7	2.5	2.3	2.1	1.9	1.7
-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: P626775 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA1E-727-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°	1.4	1.2	1.0	0.7	0.5	0.2	0.0
85°	2.8	2.4	1.9	1.4	1.0	0.5	0.0
82.5°	4.3	3.6	2.9	2.1	1.4	0.7	0.0
80°	5.8	4.7	3.8	2.9	1.9	1.0	0.0
77.5°	8.2	6.2	4.7	3.6	2.4	1.2	0.0
75°	10.6	8.2	5.8	4.3	2.8	1.4	0.0
72.5°	13.0	10.2	7.4	4.9	3.3	1.7	0.0
70°	15.5	12.2	9.0	5.7	3.8	1.9	0.0
67.5°	18.5	14.1	10.5	6.9	4.2	2.1	0.0
65°	21.4	16.3	12.1	8.0	4.6	2.3	0.0
62.5°	24.3	18.7	13.6	9.2	5.1	2.5	0.0
60°	27.1	21.1	15.0	10.3	5.5	2.7	0.0
57.5°	30.0	23.4	16.8	11.3	6.2	3.0	0.0
55°	32.9	25.6	18.6	12.4	6.9	3.2	0.0
52.5°	35.7	27.8	20.4	13.4	7.6	3.3	0.0
50°	38.4	30.0	22.0	14.4	8.2	3.5	0.0
47.5°	40.9	32.1	23.6	15.4	8.9	3.7	0.0
45°	43.5	34.1	25.2	16.6	9.5	3.9	0.0
42.5°	45.9	36.0	26.7	17.7	10.0	4.1	0.0
40°	48.2	37.8	28.1	18.7	10.6	4.2	0.0
37.5°	50.4	39.5	29.5	19.7	11.1	4.4	0.0
35°	52.5	41.2	30.8	20.6	11.6	4.5	0.0
32.5°	54.4	42.8	32.0	21.5	12.1	4.6	0.0
30°	56.3	44.3	33.1	22.2	12.5	4.8	0.0
27.5°	58.0	45.7	34.0	22.9	12.9	4.9	0.0
25°	59.5	46.9	35.0	23.6	13.3	5.0	0.0
22.5°	60.9	48.1	35.8	24.1	13.6	5.1	0.0
20°	62.1	49.1	36.6	24.6	13.9	5.2	0.0
17.5°	63.2	49.9	37.3	25.0	14.2	5.2	0.0
15°	64.2	50.6	37.9	25.4	14.4	5.3	0.0
12.5°	65.0	51.2	38.4	25.6	14.6	5.4	0.0
10°	65.8	51.6	38.9	25.9	14.8	5.4	0.0
7.5°	66.3	51.9	39.2	26.0	14.9	5.5	0.0
5°	66.8	52.1	39.5	26.1	15.0	5.5	0.0
2.5°	67.0	52.1	39.6	26.1	15.1	5.5	0.0
0°	67.1	52.0	39.7	26.0	15.1	5.5	0.0
-2.5°	67.0	52.1	39.6	26.1	15.1	5.5	0.0
-5°	66.8	52.1	39.5	26.1	15.0	5.5	0.0
-7.5°	66.3	51.9	39.2	26.0	14.9	5.5	0.0
-10°	65.8	51.6	38.9	25.9	14.8	5.4	0.0
-12.5°	65.0	51.2	38.4	25.6	14.6	5.4	0.0
-15°	64.2	50.6	37.9	25.4	14.4	5.3	0.0
-17.5°	63.2	49.9	37.3	25.0	14.2	5.2	0.0
-20°	62.1	49.1	36.6	24.6	13.9	5.2	0.0

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REPORT NUMBER: P626775 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA1E-727-U-MR-XX

CANDELA DISTRIBUTION (continued):

	75°	77.5°	80°	82.5°	85°	87.5°	90°
-22.5°	60.9	48.1	35.8	24.1	13.6	5.1	0.0
-25°	59.5	46.9	35.0	23.6	13.3	5.0	0.0
-27.5°	58.0	45.7	34.0	22.9	12.9	4.9	0.0
-30°	56.3	44.3	33.1	22.2	12.5	4.8	0.0
-32.5°	54.4	42.8	32.0	21.5	12.1	4.6	0.0
-35°	52.5	41.2	30.8	20.6	11.6	4.5	0.0
-37.5°	50.4	39.5	29.5	19.7	11.1	4.4	0.0
-40°	48.2	37.8	28.1	18.7	10.6	4.2	0.0
-42.5°	45.9	36.0	26.7	17.7	10.0	4.1	0.0
-45°	43.5	34.1	25.2	16.6	9.5	3.9	0.0
-47.5°	40.9	32.1	23.6	15.4	8.9	3.7	0.0
-50°	38.4	30.0	22.0	14.4	8.2	3.5	0.0
-52.5°	35.7	27.8	20.4	13.4	7.6	3.3	0.0
-55°	32.9	25.6	18.6	12.4	6.9	3.2	0.0
-57.5°	30.0	23.4	16.8	11.3	6.2	3.0	0.0
-60°	27.1	21.1	15.0	10.3	5.5	2.7	0.0
-62.5°	24.3	18.7	13.6	9.2	5.1	2.5	0.0
-65°	21.4	16.3	12.1	8.0	4.6	2.3	0.0
-67.5°	18.5	14.1	10.5	6.9	4.2	2.1	0.0
-70°	15.5	12.2	9.0	5.7	3.8	1.9	0.0
-72.5°	13.0	10.2	7.4	4.9	3.3	1.7	0.0
-75°	10.6	8.2	5.8	4.3	2.8	1.4	0.0
-77.5°	8.2	6.2	4.7	3.6	2.4	1.2	0.0
-80°	5.8	4.7	3.8	2.9	1.9	1.0	0.0
-82.5°	4.3	3.6	2.9	2.1	1.4	0.7	0.0
-85°	2.8	2.4	1.9	1.4	1.0	0.5	0.0
-87.5°	1.4	1.2	1.0	0.7	0.5	0.2	0.0
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0

(END OF REPORT)