

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: P626819 (CONVERTED FROM TYPE C PHOTOMETRY)

Luminaire Tested: **GFLD-SA1E-750-U-NR-XX**

Issue Date: 12/7/2022

Test Information

Test Method: LM-79-08
Report Number: P626819 (CONVERTED FROM TYPE C PHOTOMETRY)
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G2-2210-813-11)
Test Lab: COOPER LIGHTING SOLUTIONS
Issue Date: 12/7/2022
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: MCGRAW-EDISON
Catalog Number: GFLD-SA1E-750-U-NR-XX
Description: GALLEON FLOOD, ONE LIGHT SQAURE, NARROW SYMMETRICAL ROUND N32
Light Source: (16) 5000K CCT, 70 CRI LEDS
Ballast/Driver: -

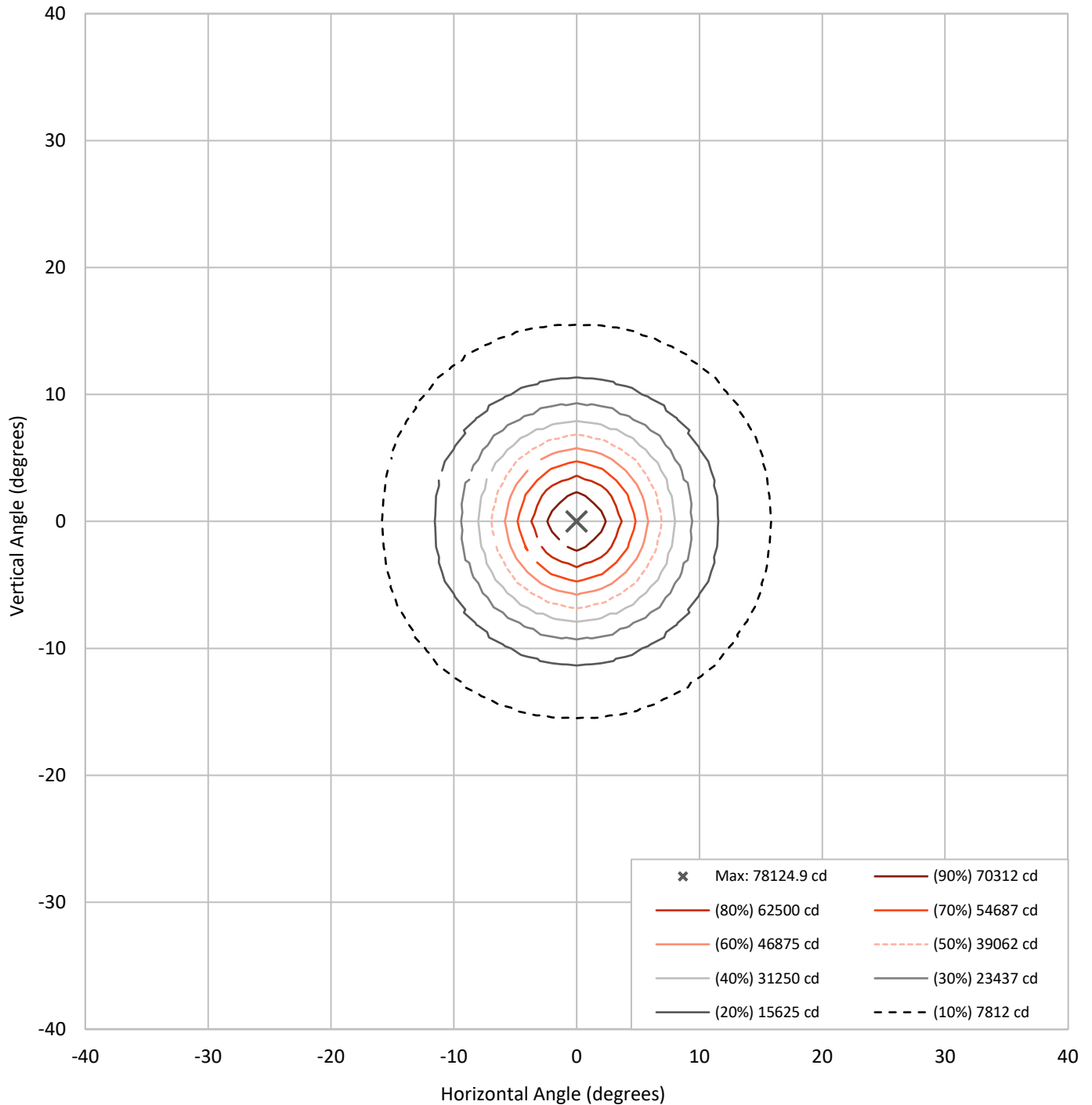
Summary

Lumens per Lamp:	N/A	NEMA Type:	3H x 3V
Luminaire Lumens:	8295.7 lumens	Max Intensity:	78124.9 candela
Efficiency:	N/A	Max Intensity Angle:	0°H x 0°V
Efficacy:	125.3 lumens/watt		
Luminous Opening:	Rectangular (W 0.5' x L: 0.5' x H: 0')		
Beam Angle (50%):	13.7°H x 13.6°V	Field Angle (10%):	31.6°H x 30.6°V
Beam Lumens:	2452.7 lumens	Field Lumens:	5519.5 lumens
Beam Efficiency:	29.6%	Field Efficiency:	66.5%
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





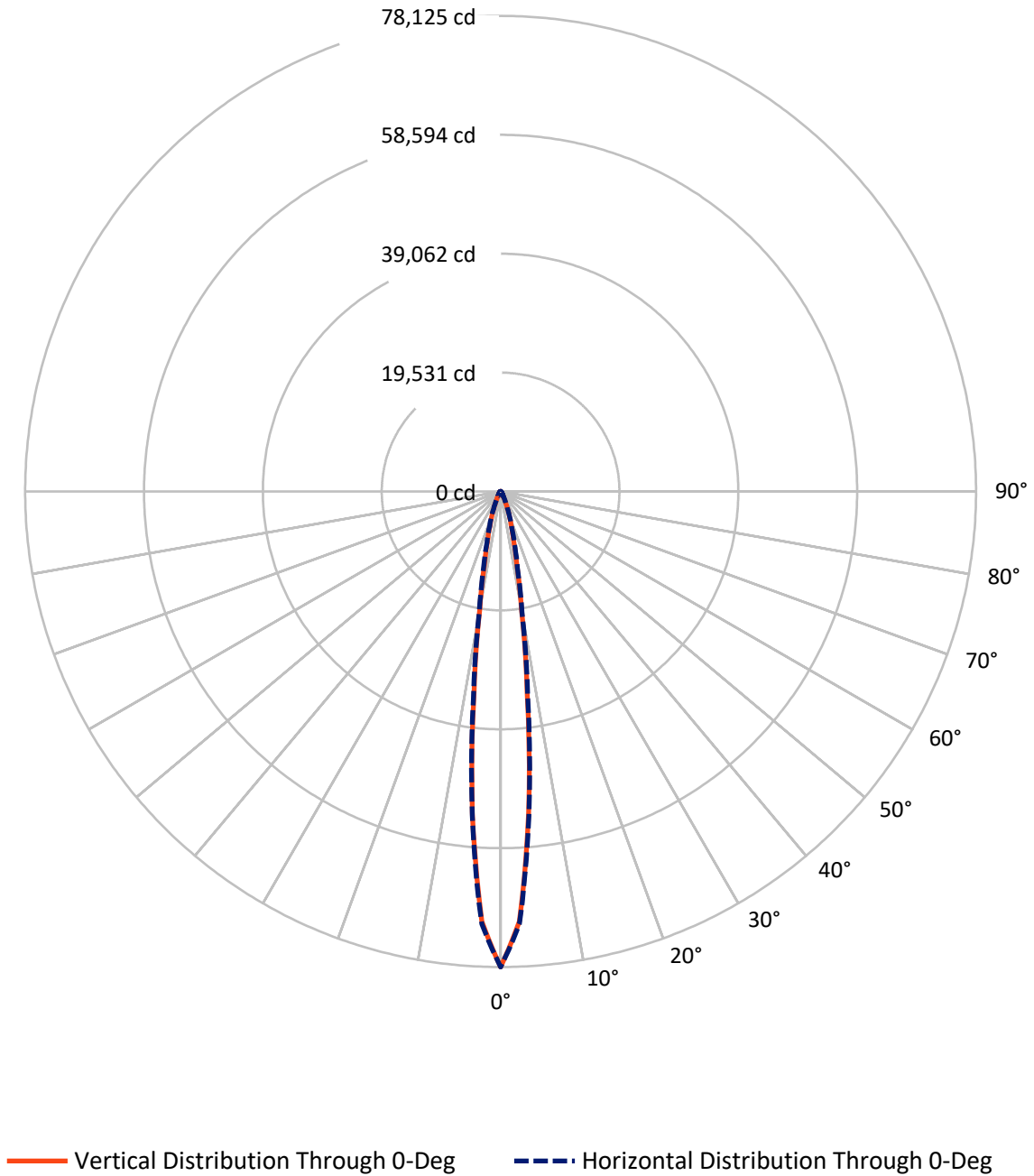
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Lumen Table

90	0.1	1.1		3.0		4.8		5.3		4.8		3.0		1.1		0.1
80	0.1	1.1		3.0		4.8		5.3		4.8		3.0		1.1		0.1
70	0.5	0.6	1.2	2.0	2.8	3.4	3.8	4.0	4.0	3.8	3.4	2.8	2.0	1.2	0.6	0.5
60		0.9	1.8	2.9	3.9	4.8	5.4	5.6	5.6	5.4	4.8	3.9	2.9	1.8	0.9	
50	0.9	1.2	2.3	3.6	4.8	6.0	7.1	7.7	7.7	7.1	6.0	4.8	3.6	2.3	1.2	0.9
40		1.4	2.7	4.2	5.9	8.5	12.0	14.8	14.8	12.0	8.5	5.9	4.2	2.7	1.4	
30	1.2	1.6	3.0	4.7	7.6	15.2	34.5	57.1	57.1	34.5	15.2	7.6	4.7	3.0	1.6	1.2
20		1.7	3.1	5.2	10.1	32.2	114.3	246.1	246.1	114.3	32.2	10.1	5.2	3.1	1.7	
10	1.3	1.7	3.2	5.5	12.2	53.0	248.4	1073.2	1073.2	248.4	53.0	12.2	5.5	3.2	1.7	1.3
0		1.7	3.2	5.5	12.2	53.0	248.4	1073.2	1073.2	248.4	53.0	12.2	5.5	3.2	1.7	
-10	1.2	1.7	3.1	5.2	10.1	32.2	114.3	246.1	246.1	114.3	32.2	10.1	5.2	3.1	1.7	1.2
-20		1.6	3.0	4.7	7.6	15.2	34.5	57.1	57.1	34.5	15.2	7.6	4.7	3.0	1.6	
-30	0.9	1.4	2.7	4.2	5.9	8.5	12.0	14.8	14.8	12.0	8.5	5.9	4.2	2.7	1.4	0.9
-40		1.2	2.3	3.6	4.8	6.0	7.1	7.7	7.7	7.1	6.0	4.8	3.6	2.3	1.2	
-50	0.5	0.9	1.8	2.9	3.9	4.8	5.4	5.6	5.6	5.4	4.8	3.9	2.9	1.8	0.9	0.5
-60		0.6	1.2	2.0	2.8	3.4	3.8	4.0	4.0	3.8	3.4	2.8	2.0	1.2	0.6	
-70	0.1	1.1		3.0		4.8		5.3		4.8		3.0		1.1		0.1
-80		1.1		3.0		4.8		5.3		4.8		3.0		1.1		
-90	0.1	1.1		3.0		4.8		5.3		4.8		3.0		1.1		0.1

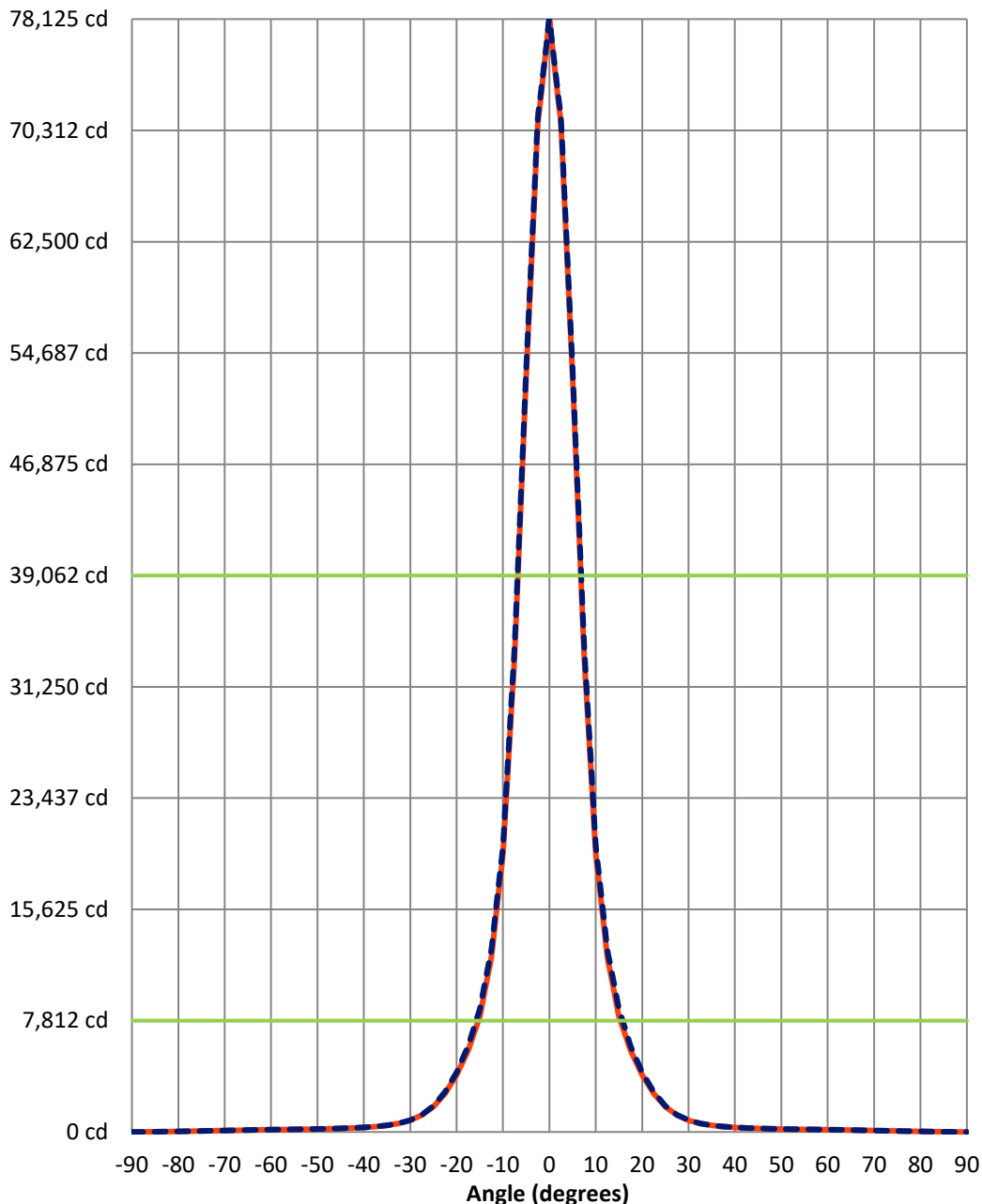
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Luminous Intensity Polar Plot



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Luminous Intensity Plot



Beam:
 H Angle: 13.7°
 V Angle: 13.6°
 Lumens: 2452.7
 Efficiency: 29.6%

Field:
 H Angle: 31.6°
 V Angle: 30.6°
 Lumens: 5519.5
 Efficiency: 66.5%

Spill:
 Lumens: 2776.2
 Efficiency: 33.5%

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

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FIELD
BEAM

CANDELA DISTRIBUTION:

	-90°	-87.5°	-85°	-82.5°	-80°	-77.5°	-75°	-72.5°	-70°	-67.5°	-65°
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
87.5°	0.0	0.3	0.6	0.9	1.2	1.4	1.7	2.0	2.3	2.6	2.8
85°	0.0	0.5	1.2	1.7	2.3	2.9	3.5	4.0	4.6	5.1	5.7
82.5°	0.0	0.8	1.7	2.6	3.5	4.3	5.2	6.0	6.9	8.2	9.3
80°	0.0	1.0	2.3	3.5	4.6	5.8	7.0	8.7	10.3	11.9	13.5
77.5°	0.0	1.3	2.9	4.3	5.8	7.4	9.5	11.6	13.7	15.7	17.9
75°	0.0	1.5	3.4	5.2	7.0	9.4	12.0	14.6	17.1	19.9	22.7
72.5°	0.0	1.7	4.0	6.0	8.5	11.4	14.5	17.6	21.0	24.3	27.6
70°	0.0	2.0	4.5	6.9	10.0	13.3	16.9	21.0	24.8	28.6	32.8
67.5°	0.0	2.2	5.0	8.0	11.5	15.2	19.8	24.3	28.6	33.4	38.1
65°	0.0	2.4	5.5	9.0	12.9	17.3	22.5	27.6	32.8	38.1	43.7
62.5°	0.0	2.7	6.0	10.0	14.3	19.5	25.2	31.1	36.9	42.9	50.0
60°	0.0	2.9	6.5	11.0	15.6	21.7	27.9	34.6	41.0	48.4	56.1
57.5°	0.0	3.1	7.1	11.9	17.3	23.9	30.7	38.0	45.4	53.6	62.0
55°	0.0	3.3	7.7	12.9	19.0	26.0	33.6	41.4	49.9	58.7	67.7
52.5°	0.0	3.5	8.2	13.7	20.6	28.0	36.3	45.0	54.1	63.5	73.2
50°	0.0	3.6	8.8	14.6	22.1	30.2	39.0	48.5	58.2	68.1	78.4
47.5°	0.0	3.8	9.4	15.5	23.6	32.4	41.6	51.9	62.1	72.6	83.5
45°	0.0	4.0	9.9	16.5	25.1	34.4	44.4	55.1	65.8	77.1	88.5
42.5°	0.0	4.1	10.4	17.6	26.4	36.4	47.1	58.3	69.4	81.4	93.4
40°	0.0	4.2	10.9	18.6	27.8	38.3	49.6	61.2	72.9	85.6	98.2
37.5°	0.0	4.4	11.3	19.5	29.2	40.0	52.0	64.1	76.4	89.6	102.8
35°	0.0	4.5	11.8	20.4	30.6	41.8	54.3	66.7	79.7	93.3	107.2
32.5°	0.0	4.6	12.2	21.3	31.8	43.6	56.4	69.2	82.7	96.8	111.0
30°	0.0	4.7	12.6	22.1	33.0	45.2	58.4	71.6	85.4	100.0	114.5
27.5°	0.0	4.8	13.0	22.8	34.1	46.8	60.2	73.8	88.0	103.0	117.6
25°	0.0	4.9	13.3	23.5	35.1	48.1	61.9	75.8	90.4	105.6	120.4
22.5°	0.0	4.9	13.7	24.1	36.1	49.4	63.4	77.6	92.5	107.9	122.8
20°	0.0	5.0	13.9	24.7	36.9	50.5	64.8	79.1	94.4	109.9	125.0
17.5°	0.0	5.0	14.2	25.2	37.7	51.4	65.9	80.5	96.1	111.5	126.9
15°	0.0	5.0	14.4	25.6	38.4	52.2	66.8	81.7	97.5	112.8	128.6
12.5°	0.0	5.1	14.6	26.0	38.9	52.8	67.5	82.8	98.7	113.9	130.0
10°	0.0	5.1	14.8	26.3	39.4	53.2	68.1	83.7	99.6	115.0	131.3
7.5°	0.0	5.1	14.9	26.5	39.7	53.5	68.5	84.4	100.2	115.9	132.8
5°	0.0	5.1	15.0	26.7	40.0	53.7	68.7	85.0	100.5	116.6	134.1
2.5°	0.0	5.0	15.1	26.8	40.1	53.7	68.7	85.3	100.6	117.1	135.0
0°	0.0	5.0	15.1	26.8	40.2	53.6	68.6	85.4	100.4	117.2	135.6
-2.5°	0.0	5.0	15.1	26.8	40.1	53.7	68.7	85.3	100.6	117.1	135.0
-5°	0.0	5.1	15.0	26.7	40.0	53.7	68.7	85.0	100.5	116.6	134.1
-7.5°	0.0	5.1	14.9	26.5	39.7	53.5	68.5	84.4	100.2	115.9	132.8
-10°	0.0	5.1	14.8	26.3	39.4	53.2	68.1	83.7	99.6	115.0	131.3
-12.5°	0.0	5.1	14.6	26.0	38.9	52.8	67.5	82.8	98.7	113.9	130.0
-15°	0.0	5.0	14.4	25.6	38.4	52.2	66.8	81.7	97.5	112.8	128.6
-17.5°	0.0	5.0	14.2	25.2	37.7	51.4	65.9	80.5	96.1	111.5	126.9
-20°	0.0	5.0	13.9	24.7	36.9	50.5	64.8	79.1	94.4	109.9	125.0

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CANDELA DISTRIBUTION (continued):

	-90°	-87.5°	-85°	-82.5°	-80°	-77.5°	-75°	-72.5°	-70°	-67.5°	-65°
-22.5°	0.0	4.9	13.7	24.1	36.1	49.4	63.4	77.6	92.5	107.9	122.8
-25°	0.0	4.9	13.3	23.5	35.1	48.1	61.9	75.8	90.4	105.6	120.4
-27.5°	0.0	4.8	13.0	22.8	34.1	46.8	60.2	73.8	88.0	103.0	117.6
-30°	0.0	4.7	12.6	22.1	33.0	45.2	58.4	71.6	85.4	100.0	114.5
-32.5°	0.0	4.6	12.2	21.3	31.8	43.6	56.4	69.2	82.7	96.8	111.0
-35°	0.0	4.5	11.8	20.4	30.6	41.8	54.3	66.7	79.7	93.3	107.2
-37.5°	0.0	4.4	11.3	19.5	29.2	40.0	52.0	64.1	76.4	89.6	102.8
-40°	0.0	4.2	10.9	18.6	27.8	38.3	49.6	61.2	72.9	85.6	98.2
-42.5°	0.0	4.1	10.4	17.6	26.4	36.4	47.1	58.3	69.4	81.4	93.4
-45°	0.0	4.0	9.9	16.5	25.1	34.4	44.4	55.1	65.8	77.1	88.5
-47.5°	0.0	3.8	9.4	15.5	23.6	32.4	41.6	51.9	62.1	72.6	83.5
-50°	0.0	3.6	8.8	14.6	22.1	30.2	39.0	48.5	58.2	68.1	78.4
-52.5°	0.0	3.5	8.2	13.7	20.6	28.0	36.3	45.0	54.1	63.5	73.2
-55°	0.0	3.3	7.7	12.9	19.0	26.0	33.6	41.4	49.9	58.7	67.7
-57.5°	0.0	3.1	7.1	11.9	17.3	23.9	30.7	38.0	45.4	53.6	62.0
-60°	0.0	2.9	6.5	11.0	15.6	21.7	27.9	34.6	41.0	48.4	56.1
-62.5°	0.0	2.7	6.0	10.0	14.3	19.5	25.2	31.1	36.9	42.9	50.0
-65°	0.0	2.4	5.5	9.0	12.9	17.3	22.5	27.6	32.8	38.1	43.7
-67.5°	0.0	2.2	5.0	8.0	11.5	15.2	19.8	24.3	28.6	33.4	38.1
-70°	0.0	2.0	4.5	6.9	10.0	13.3	16.9	21.0	24.8	28.6	32.8
-72.5°	0.0	1.7	4.0	6.0	8.5	11.4	14.5	17.6	21.0	24.3	27.6
-75°	0.0	1.5	3.4	5.2	7.0	9.4	12.0	14.6	17.1	19.9	22.7
-77.5°	0.0	1.3	2.9	4.3	5.8	7.4	9.5	11.6	13.7	15.7	17.9
-80°	0.0	1.0	2.3	3.5	4.6	5.8	7.0	8.7	10.3	11.9	13.5
-82.5°	0.0	0.8	1.7	2.6	3.5	4.3	5.2	6.0	6.9	8.2	9.3
-85°	0.0	0.5	1.2	1.7	2.3	2.9	3.5	4.0	4.6	5.1	5.7
-87.5°	0.0	0.3	0.6	0.9	1.2	1.4	1.7	2.0	2.3	2.6	2.8
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



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CANDELA DISTRIBUTION (continued):

	-62.5°	-60°	-57.5°	-55°	-52.5°	-50°	-47.5°	-45°	-42.5°	-40°	-37.5°
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
87.5°	3.1	3.3	3.6	3.8	4.1	4.3	4.5	4.7	4.9	5.1	5.3
85°	6.2	6.7	7.4	8.2	8.8	9.3	9.8	10.2	10.9	11.6	12.3
82.5°	10.5	11.7	12.8	13.9	14.6	15.2	15.8	16.7	18.2	19.6	20.9
80°	15.1	16.6	18.4	20.1	21.6	23.0	24.6	26.1	27.7	29.3	30.7
77.5°	20.2	22.4	24.6	26.8	28.9	31.1	33.3	35.4	37.4	39.4	41.2
75°	25.5	28.2	31.1	34.0	36.8	39.5	42.2	45.1	47.8	50.5	53.0
72.5°	31.1	34.6	38.1	41.4	45.1	48.7	52.2	55.6	58.8	62.2	65.8
70°	36.9	41.0	45.5	49.9	54.0	58.3	62.6	66.3	69.8	74.5	79.3
67.5°	43.0	48.5	53.6	58.6	64.0	69.1	73.5	78.2	83.2	88.6	93.4
65°	50.2	56.2	62.1	68.3	74.6	79.9	85.4	91.2	96.9	102.3	107.5
62.5°	57.3	64.0	70.9	77.6	84.1	90.5	97.1	103.6	109.8	116.1	121.6
60°	64.1	71.8	79.0	86.1	93.4	101.3	108.6	115.8	123.3	130.4	134.1
57.5°	70.7	78.9	86.4	94.4	103.0	111.9	119.5	127.7	134.1	139.1	143.9
55°	76.9	85.4	93.7	102.6	112.0	121.2	129.7	137.0	142.9	147.4	152.5
52.5°	82.7	91.7	100.7	110.4	120.4	130.2	139.2	146.0	151.2	155.9	160.7
50°	88.4	97.8	107.4	118.0	128.7	139.1	147.9	154.1	159.1	163.9	168.8
47.5°	94.0	103.9	114.2	125.5	137.1	147.1	155.4	161.1	166.2	171.8	177.2
45°	99.5	110.2	121.1	133.3	144.9	154.5	161.6	167.4	173.6	179.6	185.4
42.5°	104.9	116.4	128.2	140.8	152.0	160.8	167.4	174.1	180.9	187.3	193.8
40°	110.3	122.3	134.8	147.4	158.7	166.3	173.3	180.5	187.9	194.9	202.1
37.5°	115.4	128.0	140.8	153.5	163.8	171.5	178.7	186.7	194.5	202.2	211.6
35°	120.4	133.1	146.0	158.3	168.3	176.2	184.3	192.7	200.9	210.8	221.5
32.5°	124.8	137.7	150.8	162.3	171.9	180.5	189.6	198.3	208.2	219.4	232.3
30°	128.5	141.7	154.8	166.1	175.5	184.5	194.4	204.1	215.7	229.1	244.4
27.5°	131.8	145.3	158.1	169.3	178.9	187.9	198.3	210.5	223.8	238.8	256.8
25°	134.8	148.9	161.1	172.3	181.6	191.0	202.1	215.7	231.6	249.8	271.8
22.5°	137.7	152.4	164.2	175.1	183.7	193.9	206.4	221.2	238.5	259.7	286.6
20°	140.4	155.0	166.7	177.3	185.3	196.4	210.2	225.9	245.7	271.0	302.0
17.5°	142.9	157.2	168.6	178.6	187.4	199.1	213.6	229.8	251.9	281.2	316.2
15°	145.2	159.1	170.2	179.7	189.3	201.9	217.0	234.7	258.8	290.9	328.8
12.5°	147.2	160.6	171.4	180.5	190.8	204.2	220.1	239.7	266.1	300.5	344.8
10°	149.0	161.8	172.3	181.0	191.9	205.9	222.7	243.8	272.0	307.9	357.0
7.5°	150.5	162.7	172.8	181.3	192.7	207.2	224.7	246.9	276.1	313.2	365.9
5°	151.5	163.4	173.5	182.4	193.8	208.1	226.1	249.1	278.5	316.3	371.4
2.5°	152.1	163.9	174.0	183.4	195.0	208.9	227.2	251.4	280.5	319.4	375.6
0°	152.3	164.0	174.1	184.1	195.8	209.2	227.6	252.8	281.2	321.4	378.3
-2.5°	152.1	163.9	174.0	183.4	195.0	208.9	227.2	251.4	280.5	319.4	375.6
-5°	151.5	163.4	173.5	182.4	193.8	208.1	226.1	249.1	278.5	316.3	371.4
-7.5°	150.5	162.7	172.8	181.3	192.7	207.2	224.7	246.9	276.1	313.2	365.9
-10°	149.0	161.8	172.3	181.0	191.9	205.9	222.7	243.8	272.0	307.9	357.0
-12.5°	147.2	160.6	171.4	180.5	190.8	204.2	220.1	239.7	266.1	300.5	344.8
-15°	145.2	159.1	170.2	179.7	189.3	201.9	217.0	234.7	258.8	290.9	328.8
-17.5°	142.9	157.2	168.6	178.6	187.4	199.1	213.6	229.8	251.9	281.2	316.2
-20°	140.4	155.0	166.7	177.3	185.3	196.4	210.2	225.9	245.7	271.0	302.0

Classified

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

Scaled Data Report



REPORT NUMBER: P626819 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA1E-750-U-NR-XX

CANDELA DISTRIBUTION (continued):

	-62.5°	-60°	-57.5°	-55°	-52.5°	-50°	-47.5°	-45°	-42.5°	-40°	-37.5°
-22.5°	137.7	152.4	164.2	175.1	183.7	193.9	206.4	221.2	238.5	259.7	286.6
-25°	134.8	148.9	161.1	172.3	181.6	191.0	202.1	215.7	231.6	249.8	271.8
-27.5°	131.8	145.3	158.1	169.3	178.9	187.9	198.3	210.5	223.8	238.8	256.8
-30°	128.5	141.7	154.8	166.1	175.5	184.5	194.4	204.1	215.7	229.1	244.4
-32.5°	124.8	137.7	150.8	162.3	171.9	180.5	189.6	198.3	208.2	219.4	232.3
-35°	120.4	133.1	146.0	158.3	168.3	176.2	184.3	192.7	200.9	210.8	221.5
-37.5°	115.4	128.0	140.8	153.5	163.8	171.5	178.7	186.7	194.5	202.2	211.6
-40°	110.3	122.3	134.8	147.4	158.7	166.3	173.3	180.5	187.9	194.9	202.1
-42.5°	104.9	116.4	128.2	140.8	152.0	160.8	167.4	174.1	180.9	187.3	193.8
-45°	99.5	110.2	121.1	133.3	144.9	154.5	161.6	167.4	173.6	179.6	185.4
-47.5°	94.0	103.9	114.2	125.5	137.1	147.1	155.4	161.1	166.2	171.8	177.2
-50°	88.4	97.8	107.4	118.0	128.7	139.1	147.9	154.1	159.1	163.9	168.8
-52.5°	82.7	91.7	100.7	110.4	120.4	130.2	139.2	146.0	151.2	155.9	160.7
-55°	76.9	85.4	93.7	102.6	112.0	121.2	129.7	137.0	142.9	147.4	152.5
-57.5°	70.7	78.9	86.4	94.4	103.0	111.9	119.5	127.7	134.1	139.1	143.9
-60°	64.1	71.8	79.0	86.1	93.4	101.3	108.6	115.8	123.3	130.4	134.1
-62.5°	57.3	64.0	70.9	77.6	84.1	90.5	97.1	103.6	109.8	116.1	121.6
-65°	50.2	56.2	62.1	68.3	74.6	79.9	85.4	91.2	96.9	102.3	107.5
-67.5°	43.0	48.5	53.6	58.6	64.0	69.1	73.5	78.2	83.2	88.6	93.4
-70°	36.9	41.0	45.5	49.9	54.0	58.3	62.6	66.3	69.8	74.5	79.3
-72.5°	31.1	34.6	38.1	41.4	45.1	48.7	52.2	55.6	58.8	62.2	65.8
-75°	25.5	28.2	31.1	34.0	36.8	39.5	42.2	45.1	47.8	50.5	53.0
-77.5°	20.2	22.4	24.6	26.8	28.9	31.1	33.3	35.4	37.4	39.4	41.2
-80°	15.1	16.6	18.4	20.1	21.6	23.0	24.6	26.1	27.7	29.3	30.7
-82.5°	10.5	11.7	12.8	13.9	14.6	15.2	15.8	16.7	18.2	19.6	20.9
-85°	6.2	6.7	7.4	8.2	8.8	9.3	9.8	10.2	10.9	11.6	12.3
-87.5°	3.1	3.3	3.6	3.8	4.1	4.3	4.5	4.7	4.9	5.1	5.3
-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: P626819 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA1E-750-U-NR-XX

CANDELA DISTRIBUTION (continued):

	-35°	-32.5°	-30°	-27.5°	-25°	-22.5°	-20°	-17.5°	-15°	-12.5°	-10°
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
87.5°	5.5	5.7	5.8	5.9	6.1	6.2	6.3	6.4	6.5	6.1	5.8
85°	13.1	13.6	14.0	14.4	14.8	15.2	15.5	15.8	16.0	15.8	15.6
82.5°	22.1	22.9	23.7	24.5	25.2	25.8	26.4	26.9	27.3	27.3	27.1
80°	32.1	33.5	35.0	36.4	37.8	38.6	39.2	39.7	40.0	40.2	40.2
77.5°	43.1	45.3	47.6	49.9	52.2	53.5	54.4	55.1	55.8	55.9	55.8
75°	55.3	58.2	61.4	64.2	66.5	68.0	69.0	69.9	70.6	70.7	70.7
72.5°	69.6	73.1	75.9	78.3	80.3	81.9	83.1	84.2	85.1	85.5	85.6
70°	83.6	87.1	89.8	92.1	94.1	95.8	97.3	98.6	99.7	100.5	101.1
67.5°	97.8	101.7	104.5	106.7	108.4	110.1	112.1	113.8	115.3	116.3	116.8
65°	112.3	116.4	119.1	121.4	123.5	125.6	127.9	129.6	130.7	131.4	131.8
62.5°	126.4	130.2	133.6	136.7	139.7	142.1	143.7	145.1	146.3	147.3	148.0
60°	138.5	143.4	147.1	150.1	153.0	155.9	157.8	159.3	160.4	161.3	161.9
57.5°	148.8	153.7	158.2	161.1	164.3	167.7	169.9	171.1	172.3	173.3	173.8
55°	157.8	162.4	166.5	170.5	174.0	177.0	179.4	181.1	182.5	183.7	184.1
52.5°	165.9	170.9	175.7	179.9	183.4	186.3	188.6	190.8	192.4	193.5	194.0
50°	174.4	179.8	185.0	189.6	193.1	196.4	199.4	201.9	204.3	206.2	207.5
47.5°	182.8	188.6	194.2	199.3	203.6	208.3	212.6	216.1	219.7	222.5	224.5
45°	191.3	197.9	204.1	210.6	216.5	222.6	228.4	233.3	238.4	242.3	244.9
42.5°	200.7	208.2	215.7	223.8	231.7	239.8	248.5	256.2	262.2	267.9	272.5
40°	210.8	219.4	229.1	239.0	250.8	261.4	273.1	283.1	292.2	301.8	309.4
37.5°	221.5	232.3	245.0	258.3	273.5	288.0	303.3	318.3	331.4	346.8	358.6
35°	233.4	247.8	263.4	281.5	300.3	321.2	342.1	366.2	386.9	409.7	429.6
32.5°	247.4	264.6	285.2	309.0	333.2	364.8	394.3	432.7	465.9	502.1	538.6
30°	261.9	284.4	310.9	340.8	379.4	422.8	471.3	528.4	587.2	644.2	712.9
27.5°	279.8	306.9	339.1	382.8	439.5	498.2	581.5	667.3	775.5	865.0	991.2
25°	298.4	330.4	376.0	435.5	509.5	611.4	737.9	874.9	1065.2	1232.5	1428.7
22.5°	318.7	361.8	418.6	492.1	604.3	760.7	952.1	1210.0	1490.8	1789.0	2085.6
20°	339.8	392.0	466.4	573.0	726.9	938.8	1267.3	1665.4	2066.6	2558.6	2994.2
17.5°	364.3	430.7	522.4	655.6	861.0	1185.6	1641.4	2197.2	2819.6	3526.9	4155.0
15°	384.6	463.8	579.5	765.9	1048.4	1465.3	2040.0	2804.7	3740.0	4690.0	5653.8
12.5°	408.3	499.9	635.8	858.0	1212.8	1766.8	2549.2	3517.0	4685.1	6002.8	7556.2
10°	429.3	535.2	704.2	979.3	1412.9	2081.3	3030.9	4195.2	5702.6	7598.5	10004.0
7.5°	444.8	563.4	757.0	1071.7	1585.9	2383.7	3485.9	4937.8	6853.3	9356.7	12658.1
5°	454.9	583.8	794.4	1142.9	1721.3	2608.8	3819.4	5464.5	7775.3	11316.1	16906.6
2.5°	461.0	595.9	815.8	1184.6	1803.7	2757.8	4073.1	5862.7	8373.0	12527.0	19639.1
0°	463.7	599.2	828.6	1206.8	1831.2	2815.4	4189.6	6044.2	8640.4	12809.9	20119.6
-2.5°	461.0	595.9	815.8	1184.6	1803.7	2757.8	4073.1	5862.7	8373.0	12527.0	19639.1
-5°	454.9	583.8	794.4	1142.9	1721.3	2608.8	3819.4	5464.5	7775.3	11316.1	16906.6
-7.5°	444.8	563.4	757.0	1071.7	1585.9	2383.7	3485.9	4937.8	6853.3	9356.7	12658.1
-10°	429.3	535.2	704.2	979.3	1412.9	2081.3	3030.9	4195.2	5702.6	7598.5	10004.0
-12.5°	408.3	499.9	635.8	858.0	1212.8	1766.8	2549.2	3517.0	4685.1	6002.8	7556.2
-15°	384.6	463.8	579.5	765.9	1048.4	1465.3	2040.0	2804.7	3740.0	4690.0	5653.8
-17.5°	364.3	430.7	522.4	655.6	861.0	1185.6	1641.4	2197.2	2819.6	3526.9	4155.0
-20°	339.8	392.0	466.4	573.0	726.9	938.8	1267.3	1665.4	2066.6	2558.6	2994.2

Classified

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

Scaled Data Report



REPORT NUMBER: P626819 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA1E-750-U-NR-XX

CANDELA DISTRIBUTION (continued):

	-35°	-32.5°	-30°	-27.5°	-25°	-22.5°	-20°	-17.5°	-15°	-12.5°	-10°
-22.5°	318.7	361.8	418.6	492.1	604.3	760.7	952.1	1210.0	1490.8	1789.0	2085.6
-25°	298.4	330.4	376.0	435.5	509.5	611.4	737.9	874.9	1065.2	1232.5	1428.7
-27.5°	279.8	306.9	339.1	382.8	439.5	498.2	581.5	667.3	775.5	865.0	991.2
-30°	261.9	284.4	310.9	340.8	379.4	422.8	471.3	528.4	587.2	644.2	712.9
-32.5°	247.4	264.6	285.2	309.0	333.2	364.8	394.3	432.7	465.9	502.1	538.6
-35°	233.4	247.8	263.4	281.5	300.3	321.2	342.1	366.2	386.9	409.7	429.6
-37.5°	221.5	232.3	245.0	258.3	273.5	288.0	303.3	318.3	331.4	346.8	358.6
-40°	210.8	219.4	229.1	239.0	250.8	261.4	273.1	283.1	292.2	301.8	309.4
-42.5°	200.7	208.2	215.7	223.8	231.7	239.8	248.5	256.2	262.2	267.9	272.5
-45°	191.3	197.9	204.1	210.6	216.5	222.6	228.4	233.3	238.4	242.3	244.9
-47.5°	182.8	188.6	194.2	199.3	203.6	208.3	212.6	216.1	219.7	222.5	224.5
-50°	174.4	179.8	185.0	189.6	193.1	196.4	199.4	201.9	204.3	206.2	207.5
-52.5°	165.9	170.9	175.7	179.9	183.4	186.3	188.6	190.8	192.4	193.5	194.0
-55°	157.8	162.4	166.5	170.5	174.0	177.0	179.4	181.1	182.5	183.7	184.1
-57.5°	148.8	153.7	158.2	161.1	164.3	167.7	169.9	171.1	172.3	173.3	173.8
-60°	138.5	143.4	147.1	150.1	153.0	155.9	157.8	159.3	160.4	161.3	161.9
-62.5°	126.4	130.2	133.6	136.7	139.7	142.1	143.7	145.1	146.3	147.3	148.0
-65°	112.3	116.4	119.1	121.4	123.5	125.6	127.9	129.6	130.7	131.4	131.8
-67.5°	97.8	101.7	104.5	106.7	108.4	110.1	112.1	113.8	115.3	116.3	116.8
-70°	83.6	87.1	89.8	92.1	94.1	95.8	97.3	98.6	99.7	100.5	101.1
-72.5°	69.6	73.1	75.9	78.3	80.3	81.9	83.1	84.2	85.1	85.5	85.6
-75°	55.3	58.2	61.4	64.2	66.5	68.0	69.0	69.9	70.6	70.7	70.7
-77.5°	43.1	45.3	47.6	49.9	52.2	53.5	54.4	55.1	55.8	55.9	55.8
-80°	32.1	33.5	35.0	36.4	37.8	38.6	39.2	39.7	40.0	40.2	40.2
-82.5°	22.1	22.9	23.7	24.5	25.2	25.8	26.4	26.9	27.3	27.3	27.1
-85°	13.1	13.6	14.0	14.4	14.8	15.2	15.5	15.8	16.0	15.8	15.6
-87.5°	5.5	5.7	5.8	5.9	6.1	6.2	6.3	6.4	6.5	6.1	5.8
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



REPORT NUMBER: P626819 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA1E-750-U-NR-XX

CANDELA DISTRIBUTION (continued):

	-7.5°	-5°	-2.5°	0°	2.5°	5°	7.5°	10°	12.5°	15°	17.5°
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
87.5°	5.4	5.0	5.0	5.0	5.0	5.0	5.4	5.8	6.1	6.5	6.4
85°	15.3	15.0	15.1	15.1	15.1	15.0	15.3	15.6	15.8	16.0	15.8
82.5°	26.9	26.7	26.8	26.8	26.8	26.7	26.9	27.1	27.3	27.3	26.9
80°	40.2	40.0	39.3	38.5	39.3	40.0	40.2	40.2	40.2	40.0	39.7
77.5°	55.4	55.0	54.3	53.6	54.3	55.0	55.4	55.8	55.9	55.8	55.1
75°	70.4	70.0	70.2	70.3	70.2	70.0	70.4	70.7	70.7	70.6	69.9
72.5°	85.4	85.1	85.3	85.4	85.3	85.1	85.4	85.6	85.5	85.1	84.2
70°	101.4	101.6	101.2	100.4	101.2	101.6	101.4	101.1	100.5	99.7	98.6
67.5°	117.0	116.8	116.3	115.5	116.3	116.8	117.0	116.8	116.3	115.3	113.8
65°	131.9	131.8	132.0	132.2	132.0	131.8	131.9	131.8	131.4	130.7	129.6
62.5°	148.4	148.4	148.1	147.3	148.1	148.4	148.4	148.0	147.3	146.3	145.1
60°	162.1	162.0	161.5	160.7	161.5	162.0	162.1	161.9	161.3	160.4	159.3
57.5°	173.9	173.8	173.2	172.4	173.2	173.8	173.9	173.8	173.3	172.3	171.1
55°	184.1	183.9	183.3	182.4	183.3	183.9	184.1	184.1	183.7	182.5	181.1
52.5°	194.2	194.0	194.0	194.2	194.0	194.0	194.2	194.0	193.5	192.4	190.8
50°	208.3	208.6	208.4	207.6	208.4	208.6	208.3	207.5	206.2	204.3	201.9
47.5°	225.4	225.5	225.1	224.3	225.1	225.5	225.4	224.5	222.5	219.7	216.1
45°	246.9	248.1	248.4	247.7	248.4	248.1	246.9	244.9	242.3	238.4	233.3
42.5°	275.9	277.8	278.4	277.9	278.4	277.8	275.9	272.5	267.9	262.2	256.2
40°	314.1	316.2	316.6	316.4	316.6	316.2	314.1	309.4	301.8	292.2	283.1
37.5°	366.9	372.2	374.6	374.9	374.6	372.2	366.9	358.6	346.8	331.4	318.3
35°	444.8	455.3	461.0	463.7	461.0	455.3	444.8	429.6	409.7	386.9	366.2
32.5°	566.3	587.4	599.0	597.6	599.0	587.4	566.3	538.6	502.1	465.9	432.7
30°	764.7	801.6	820.1	815.2	820.1	801.6	764.7	712.9	644.2	587.2	528.4
27.5°	1081.8	1148.4	1186.8	1181.7	1186.8	1148.4	1081.8	991.2	865.0	775.5	667.3
25°	1592.7	1714.2	1791.9	1772.6	1791.9	1714.2	1592.7	1428.7	1232.5	1065.2	874.9
22.5°	2369.9	2575.6	2711.7	2694.9	2711.7	2575.6	2369.9	2085.6	1789.0	1490.8	1210.0
20°	3436.0	3749.0	3972.5	4002.2	3972.5	3749.0	3436.0	2994.2	2558.6	2066.6	1665.4
17.5°	4833.4	5329.7	5675.2	5732.9	5675.2	5329.7	4833.4	4155.0	3526.9	2819.6	2197.2
15°	6649.5	7460.7	8047.9	8096.4	8047.9	7460.7	6649.5	5653.8	4690.0	3740.0	2804.7
12.5°	9115.5	10747.2	11812.1	12281.0	11812.1	10747.2	9115.5	7556.2	6002.8	4685.1	3517.0
10°	12528.4	16276.4	18676.6	19578.9	18676.6	16276.4	12528.4	10004.0	7598.5	5702.6	4195.2
7.5°	18228.9	24113.3	30655.2	33443.4	30655.2	24113.3	18228.9	12658.1	9356.7	6853.3	4937.8
5°	24684.3	36896.8	48513.0	53049.1	48513.0	36896.8	24684.3	16906.6	11316.1	7775.3	5464.5
2.5°	31477.0	48499.4	64450.7	70688.9	64450.7	48499.4	31477.0	19639.1	12527.0	8373.0	5862.7
0°	34129.7	53579.7	71130.0	78124.9	71130.0	53579.7	34129.7	20119.6	12809.9	8640.4	6044.2
-2.5°	31477.0	48499.4	64450.7	70688.9	64450.7	48499.4	31477.0	19639.1	12527.0	8373.0	5862.7
-5°	24684.3	36896.8	48513.0	53049.1	48513.0	36896.8	24684.3	16906.6	11316.1	7775.3	5464.5
-7.5°	18228.9	24113.3	30655.2	33443.4	30655.2	24113.3	18228.9	12658.1	9356.7	6853.3	4937.8
-10°	12528.4	16276.4	18676.6	19578.9	18676.6	16276.4	12528.4	10004.0	7598.5	5702.6	4195.2
-12.5°	9115.5	10747.2	11812.1	12281.0	11812.1	10747.2	9115.5	7556.2	6002.8	4685.1	3517.0
-15°	6649.5	7460.7	8047.9	8096.4	8047.9	7460.7	6649.5	5653.8	4690.0	3740.0	2804.7
-17.5°	4833.4	5329.7	5675.2	5732.9	5675.2	5329.7	4833.4	4155.0	3526.9	2819.6	2197.2
-20°	3436.0	3749.0	3972.5	4002.2	3972.5	3749.0	3436.0	2994.2	2558.6	2066.6	1665.4



REPORT NUMBER: P626819 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA1E-750-U-NR-XX

CANDELA DISTRIBUTION (continued):

	-7.5°	-5°	-2.5°	0°	2.5°	5°	7.5°	10°	12.5°	15°	17.5°
-22.5°	2369.9	2575.6	2711.7	2694.9	2711.7	2575.6	2369.9	2085.6	1789.0	1490.8	1210.0
-25°	1592.7	1714.2	1791.9	1772.6	1791.9	1714.2	1592.7	1428.7	1232.5	1065.2	874.9
-27.5°	1081.8	1148.4	1186.8	1181.7	1186.8	1148.4	1081.8	991.2	865.0	775.5	667.3
-30°	764.7	801.6	820.1	815.2	820.1	801.6	764.7	712.9	644.2	587.2	528.4
-32.5°	566.3	587.4	599.0	597.6	599.0	587.4	566.3	538.6	502.1	465.9	432.7
-35°	444.8	455.3	461.0	463.7	461.0	455.3	444.8	429.6	409.7	386.9	366.2
-37.5°	366.9	372.2	374.6	374.9	374.6	372.2	366.9	358.6	346.8	331.4	318.3
-40°	314.1	316.2	316.6	316.4	316.6	316.2	314.1	309.4	301.8	292.2	283.1
-42.5°	275.9	277.8	278.4	277.9	278.4	277.8	275.9	272.5	267.9	262.2	256.2
-45°	246.9	248.1	248.4	247.7	248.4	248.1	246.9	244.9	242.3	238.4	233.3
-47.5°	225.4	225.5	225.1	224.3	225.1	225.5	225.4	224.5	222.5	219.7	216.1
-50°	208.3	208.6	208.4	207.6	208.4	208.6	208.3	207.5	206.2	204.3	201.9
-52.5°	194.2	194.0	194.0	194.2	194.0	194.0	194.2	194.0	193.5	192.4	190.8
-55°	184.1	183.9	183.3	182.4	183.3	183.9	184.1	184.1	183.7	182.5	181.1
-57.5°	173.9	173.8	173.2	172.4	173.2	173.8	173.9	173.8	173.3	172.3	171.1
-60°	162.1	162.0	161.5	160.7	161.5	162.0	162.1	161.9	161.3	160.4	159.3
-62.5°	148.4	148.4	148.1	147.3	148.1	148.4	148.4	148.0	147.3	146.3	145.1
-65°	131.9	131.8	132.0	132.2	132.0	131.8	131.9	131.8	131.4	130.7	129.6
-67.5°	117.0	116.8	116.3	115.5	116.3	116.8	117.0	116.8	116.3	115.3	113.8
-70°	101.4	101.6	101.2	100.4	101.2	101.6	101.4	101.1	100.5	99.7	98.6
-72.5°	85.4	85.1	85.3	85.4	85.3	85.1	85.4	85.6	85.5	85.1	84.2
-75°	70.4	70.0	70.2	70.3	70.2	70.0	70.4	70.7	70.7	70.6	69.9
-77.5°	55.4	55.0	54.3	53.6	54.3	55.0	55.4	55.8	55.9	55.8	55.1
-80°	40.2	40.0	39.3	38.5	39.3	40.0	40.2	40.2	40.2	40.0	39.7
-82.5°	26.9	26.7	26.8	26.8	26.8	26.7	26.9	27.1	27.3	27.3	26.9
-85°	15.3	15.0	15.1	15.1	15.1	15.0	15.3	15.6	15.8	16.0	15.8
-87.5°	5.4	5.0	5.0	5.0	5.0	5.0	5.4	5.8	6.1	6.5	6.4
-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: P626819 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA1E-750-U-NR-XX

CANDELA DISTRIBUTION (continued):

	20°	22.5°	25°	27.5°	30°	32.5°	35°	37.5°	40°	42.5°	45°
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
87.5°	6.3	6.2	6.1	5.9	5.8	5.7	5.5	5.3	5.1	4.9	4.7
85°	15.5	15.2	14.8	14.4	14.0	13.6	13.1	12.3	11.6	10.9	10.2
82.5°	26.4	25.8	25.2	24.5	23.7	22.9	22.1	20.9	19.6	18.2	16.7
80°	39.2	38.6	37.8	36.4	35.0	33.5	32.1	30.7	29.3	27.7	26.1
77.5°	54.4	53.5	52.2	49.9	47.6	45.3	43.1	41.2	39.4	37.4	35.4
75°	69.0	68.0	66.5	64.2	61.4	58.2	55.3	53.0	50.5	47.8	45.1
72.5°	83.1	81.9	80.3	78.3	75.9	73.1	69.6	65.8	62.2	58.8	55.6
70°	97.3	95.8	94.1	92.1	89.8	87.1	83.6	79.3	74.5	69.8	66.3
67.5°	112.1	110.1	108.4	106.7	104.5	101.7	97.8	93.4	88.6	83.2	78.2
65°	127.9	125.6	123.5	121.4	119.1	116.4	112.3	107.5	102.3	96.9	91.2
62.5°	143.7	142.1	139.7	136.7	133.6	130.2	126.4	121.6	116.1	109.8	103.6
60°	157.8	155.9	153.0	150.1	147.1	143.4	138.5	134.1	130.4	123.3	115.8
57.5°	169.9	167.7	164.3	161.1	158.2	153.7	148.8	143.9	139.1	134.1	127.7
55°	179.4	177.0	174.0	170.5	166.5	162.4	157.8	152.5	147.4	142.9	137.0
52.5°	188.6	186.3	183.4	179.9	175.7	170.9	165.9	160.7	155.9	151.2	146.0
50°	199.4	196.4	193.1	189.6	185.0	179.8	174.4	168.8	163.9	159.1	154.1
47.5°	212.6	208.3	203.6	199.3	194.2	188.6	182.8	177.2	171.8	166.2	161.1
45°	228.4	222.6	216.5	210.6	204.1	197.9	191.3	185.4	179.6	173.6	167.4
42.5°	248.5	239.8	231.7	223.8	215.7	208.2	200.7	193.8	187.3	180.9	174.1
40°	273.1	261.4	250.8	239.0	229.1	219.4	210.8	202.1	194.9	187.9	180.5
37.5°	303.3	288.0	273.5	258.3	245.0	232.3	221.5	211.6	202.2	194.5	186.7
35°	342.1	321.2	300.3	281.5	263.4	247.8	233.4	221.5	210.8	200.9	192.7
32.5°	394.3	364.8	333.2	309.0	285.2	264.6	247.4	232.3	219.4	208.2	198.3
30°	471.3	422.8	379.4	340.8	310.9	284.4	261.9	244.4	229.1	215.7	204.1
27.5°	581.5	498.2	439.5	382.8	339.1	306.9	279.8	256.8	238.8	223.8	210.5
25°	737.9	611.4	509.5	435.5	376.0	330.4	298.4	271.8	249.8	231.6	215.7
22.5°	952.1	760.7	604.3	492.1	418.6	361.8	318.7	286.6	259.7	238.5	221.2
20°	1267.3	938.8	726.9	573.0	466.4	392.0	339.8	302.0	271.0	245.7	225.9
17.5°	1641.4	1185.6	861.0	655.6	522.4	430.7	364.3	316.2	281.2	251.9	229.8
15°	2040.0	1465.3	1048.4	765.9	579.5	463.8	384.6	328.8	290.9	258.8	234.7
12.5°	2549.2	1766.8	1212.8	858.0	635.8	499.9	408.3	344.8	300.5	266.1	239.7
10°	3030.9	2081.3	1412.9	979.3	704.2	535.2	429.3	357.0	307.9	272.0	243.8
7.5°	3485.9	2383.7	1585.9	1071.7	757.0	563.4	444.8	365.9	313.2	276.1	246.9
5°	3819.4	2608.8	1721.3	1142.9	794.4	583.8	454.9	371.4	316.3	278.5	249.1
2.5°	4073.1	2757.8	1803.7	1184.6	815.8	595.9	461.0	375.6	319.4	280.5	251.4
0°	4189.6	2815.4	1831.2	1206.8	828.6	599.2	463.7	378.3	321.4	281.2	252.8
-2.5°	4073.1	2757.8	1803.7	1184.6	815.8	595.9	461.0	375.6	319.4	280.5	251.4
-5°	3819.4	2608.8	1721.3	1142.9	794.4	583.8	454.9	371.4	316.3	278.5	249.1
-7.5°	3485.9	2383.7	1585.9	1071.7	757.0	563.4	444.8	365.9	313.2	276.1	246.9
-10°	3030.9	2081.3	1412.9	979.3	704.2	535.2	429.3	357.0	307.9	272.0	243.8
-12.5°	2549.2	1766.8	1212.8	858.0	635.8	499.9	408.3	344.8	300.5	266.1	239.7
-15°	2040.0	1465.3	1048.4	765.9	579.5	463.8	384.6	328.8	290.9	258.8	234.7
-17.5°	1641.4	1185.6	861.0	655.6	522.4	430.7	364.3	316.2	281.2	251.9	229.8
-20°	1267.3	938.8	726.9	573.0	466.4	392.0	339.8	302.0	271.0	245.7	225.9



REPORT NUMBER: P626819 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA1E-750-U-NR-XX

CANDELA DISTRIBUTION (continued):

	20°	22.5°	25°	27.5°	30°	32.5°	35°	37.5°	40°	42.5°	45°
-22.5°	952.1	760.7	604.3	492.1	418.6	361.8	318.7	286.6	259.7	238.5	221.2
-25°	737.9	611.4	509.5	435.5	376.0	330.4	298.4	271.8	249.8	231.6	215.7
-27.5°	581.5	498.2	439.5	382.8	339.1	306.9	279.8	256.8	238.8	223.8	210.5
-30°	471.3	422.8	379.4	340.8	310.9	284.4	261.9	244.4	229.1	215.7	204.1
-32.5°	394.3	364.8	333.2	309.0	285.2	264.6	247.4	232.3	219.4	208.2	198.3
-35°	342.1	321.2	300.3	281.5	263.4	247.8	233.4	221.5	210.8	200.9	192.7
-37.5°	303.3	288.0	273.5	258.3	245.0	232.3	221.5	211.6	202.2	194.5	186.7
-40°	273.1	261.4	250.8	239.0	229.1	219.4	210.8	202.1	194.9	187.9	180.5
-42.5°	248.5	239.8	231.7	223.8	215.7	208.2	200.7	193.8	187.3	180.9	174.1
-45°	228.4	222.6	216.5	210.6	204.1	197.9	191.3	185.4	179.6	173.6	167.4
-47.5°	212.6	208.3	203.6	199.3	194.2	188.6	182.8	177.2	171.8	166.2	161.1
-50°	199.4	196.4	193.1	189.6	185.0	179.8	174.4	168.8	163.9	159.1	154.1
-52.5°	188.6	186.3	183.4	179.9	175.7	170.9	165.9	160.7	155.9	151.2	146.0
-55°	179.4	177.0	174.0	170.5	166.5	162.4	157.8	152.5	147.4	142.9	137.0
-57.5°	169.9	167.7	164.3	161.1	158.2	153.7	148.8	143.9	139.1	134.1	127.7
-60°	157.8	155.9	153.0	150.1	147.1	143.4	138.5	134.1	130.4	123.3	115.8
-62.5°	143.7	142.1	139.7	136.7	133.6	130.2	126.4	121.6	116.1	109.8	103.6
-65°	127.9	125.6	123.5	121.4	119.1	116.4	112.3	107.5	102.3	96.9	91.2
-67.5°	112.1	110.1	108.4	106.7	104.5	101.7	97.8	93.4	88.6	83.2	78.2
-70°	97.3	95.8	94.1	92.1	89.8	87.1	83.6	79.3	74.5	69.8	66.3
-72.5°	83.1	81.9	80.3	78.3	75.9	73.1	69.6	65.8	62.2	58.8	55.6
-75°	69.0	68.0	66.5	64.2	61.4	58.2	55.3	53.0	50.5	47.8	45.1
-77.5°	54.4	53.5	52.2	49.9	47.6	45.3	43.1	41.2	39.4	37.4	35.4
-80°	39.2	38.6	37.8	36.4	35.0	33.5	32.1	30.7	29.3	27.7	26.1
-82.5°	26.4	25.8	25.2	24.5	23.7	22.9	22.1	20.9	19.6	18.2	16.7
-85°	15.5	15.2	14.8	14.4	14.0	13.6	13.1	12.3	11.6	10.9	10.2
-87.5°	6.3	6.2	6.1	5.9	5.8	5.7	5.5	5.3	5.1	4.9	4.7
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



REPORT NUMBER: P626819 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA1E-750-U-NR-XX

CANDELA DISTRIBUTION (continued):

	47.5°	50°	52.5°	55°	57.5°	60°	62.5°	65°	67.5°	70°	72.5°
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
87.5°	4.5	4.3	4.1	3.8	3.6	3.3	3.1	2.8	2.6	2.3	2.0
85°	9.8	9.3	8.8	8.2	7.4	6.7	6.2	5.7	5.1	4.6	4.0
82.5°	15.8	15.2	14.6	13.9	12.8	11.7	10.5	9.3	8.2	6.9	6.0
80°	24.6	23.0	21.6	20.1	18.4	16.6	15.1	13.5	11.9	10.3	8.7
77.5°	33.3	31.1	28.9	26.8	24.6	22.4	20.2	17.9	15.7	13.7	11.6
75°	42.2	39.5	36.8	34.0	31.1	28.2	25.5	22.7	19.9	17.1	14.6
72.5°	52.2	48.7	45.1	41.4	38.1	34.6	31.1	27.6	24.3	21.0	17.6
70°	62.6	58.3	54.0	49.9	45.5	41.0	36.9	32.8	28.6	24.8	21.0
67.5°	73.5	69.1	64.0	58.6	53.6	48.5	43.0	38.1	33.4	28.6	24.3
65°	85.4	79.9	74.6	68.3	62.1	56.2	50.2	43.7	38.1	32.8	27.6
62.5°	97.1	90.5	84.1	77.6	70.9	64.0	57.3	50.0	42.9	36.9	31.1
60°	108.6	101.3	93.4	86.1	79.0	71.8	64.1	56.1	48.4	41.0	34.6
57.5°	119.5	111.9	103.0	94.4	86.4	78.9	70.7	62.0	53.6	45.4	38.0
55°	129.7	121.2	112.0	102.6	93.7	85.4	76.9	67.7	58.7	49.9	41.4
52.5°	139.2	130.2	120.4	110.4	100.7	91.7	82.7	73.2	63.5	54.1	45.0
50°	147.9	139.1	128.7	118.0	107.4	97.8	88.4	78.4	68.1	58.2	48.5
47.5°	155.4	147.1	137.1	125.5	114.2	103.9	94.0	83.5	72.6	62.1	51.9
45°	161.6	154.5	144.9	133.3	121.1	110.2	99.5	88.5	77.1	65.8	55.1
42.5°	167.4	160.8	152.0	140.8	128.2	116.4	104.9	93.4	81.4	69.4	58.3
40°	173.3	166.3	158.7	147.4	134.8	122.3	110.3	98.2	85.6	72.9	61.2
37.5°	178.7	171.5	163.8	153.5	140.8	128.0	115.4	102.8	89.6	76.4	64.1
35°	184.3	176.2	168.3	158.3	146.0	133.1	120.4	107.2	93.3	79.7	66.7
32.5°	189.6	180.5	171.9	162.3	150.8	137.7	124.8	111.0	96.8	82.7	69.2
30°	194.4	184.5	175.5	166.1	154.8	141.7	128.5	114.5	100.0	85.4	71.6
27.5°	198.3	187.9	178.9	169.3	158.1	145.3	131.8	117.6	103.0	88.0	73.8
25°	202.1	191.0	181.6	172.3	161.1	148.9	134.8	120.4	105.6	90.4	75.8
22.5°	206.4	193.9	183.7	175.1	164.2	152.4	137.7	122.8	107.9	92.5	77.6
20°	210.2	196.4	185.3	177.3	166.7	155.0	140.4	125.0	109.9	94.4	79.1
17.5°	213.6	199.1	187.4	178.6	168.6	157.2	142.9	126.9	111.5	96.1	80.5
15°	217.0	201.9	189.3	179.7	170.2	159.1	145.2	128.6	112.8	97.5	81.7
12.5°	220.1	204.2	190.8	180.5	171.4	160.6	147.2	130.0	113.9	98.7	82.8
10°	222.7	205.9	191.9	181.0	172.3	161.8	149.0	131.3	115.0	99.6	83.7
7.5°	224.7	207.2	192.7	181.3	172.8	162.7	150.5	132.8	115.9	100.2	84.4
5°	226.1	208.1	193.8	182.4	173.5	163.4	151.5	134.1	116.6	100.5	85.0
2.5°	227.2	208.9	195.0	183.4	174.0	163.9	152.1	135.0	117.1	100.6	85.3
0°	227.6	209.2	195.8	184.1	174.1	164.0	152.3	135.6	117.2	100.4	85.4
-2.5°	227.2	208.9	195.0	183.4	174.0	163.9	152.1	135.0	117.1	100.6	85.3
-5°	226.1	208.1	193.8	182.4	173.5	163.4	151.5	134.1	116.6	100.5	85.0
-7.5°	224.7	207.2	192.7	181.3	172.8	162.7	150.5	132.8	115.9	100.2	84.4
-10°	222.7	205.9	191.9	181.0	172.3	161.8	149.0	131.3	115.0	99.6	83.7
-12.5°	220.1	204.2	190.8	180.5	171.4	160.6	147.2	130.0	113.9	98.7	82.8
-15°	217.0	201.9	189.3	179.7	170.2	159.1	145.2	128.6	112.8	97.5	81.7
-17.5°	213.6	199.1	187.4	178.6	168.6	157.2	142.9	126.9	111.5	96.1	80.5
-20°	210.2	196.4	185.3	177.3	166.7	155.0	140.4	125.0	109.9	94.4	79.1

Classified

Cooper Lighting Solutions Photometric Lab
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Scaled Data Report



REPORT NUMBER: P626819 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA1E-750-U-NR-XX

CANDELA DISTRIBUTION (continued):

	47.5°	50°	52.5°	55°	57.5°	60°	62.5°	65°	67.5°	70°	72.5°
-22.5°	206.4	193.9	183.7	175.1	164.2	152.4	137.7	122.8	107.9	92.5	77.6
-25°	202.1	191.0	181.6	172.3	161.1	148.9	134.8	120.4	105.6	90.4	75.8
-27.5°	198.3	187.9	178.9	169.3	158.1	145.3	131.8	117.6	103.0	88.0	73.8
-30°	194.4	184.5	175.5	166.1	154.8	141.7	128.5	114.5	100.0	85.4	71.6
-32.5°	189.6	180.5	171.9	162.3	150.8	137.7	124.8	111.0	96.8	82.7	69.2
-35°	184.3	176.2	168.3	158.3	146.0	133.1	120.4	107.2	93.3	79.7	66.7
-37.5°	178.7	171.5	163.8	153.5	140.8	128.0	115.4	102.8	89.6	76.4	64.1
-40°	173.3	166.3	158.7	147.4	134.8	122.3	110.3	98.2	85.6	72.9	61.2
-42.5°	167.4	160.8	152.0	140.8	128.2	116.4	104.9	93.4	81.4	69.4	58.3
-45°	161.6	154.5	144.9	133.3	121.1	110.2	99.5	88.5	77.1	65.8	55.1
-47.5°	155.4	147.1	137.1	125.5	114.2	103.9	94.0	83.5	72.6	62.1	51.9
-50°	147.9	139.1	128.7	118.0	107.4	97.8	88.4	78.4	68.1	58.2	48.5
-52.5°	139.2	130.2	120.4	110.4	100.7	91.7	82.7	73.2	63.5	54.1	45.0
-55°	129.7	121.2	112.0	102.6	93.7	85.4	76.9	67.7	58.7	49.9	41.4
-57.5°	119.5	111.9	103.0	94.4	86.4	78.9	70.7	62.0	53.6	45.4	38.0
-60°	108.6	101.3	93.4	86.1	79.0	71.8	64.1	56.1	48.4	41.0	34.6
-62.5°	97.1	90.5	84.1	77.6	70.9	64.0	57.3	50.0	42.9	36.9	31.1
-65°	85.4	79.9	74.6	68.3	62.1	56.2	50.2	43.7	38.1	32.8	27.6
-67.5°	73.5	69.1	64.0	58.6	53.6	48.5	43.0	38.1	33.4	28.6	24.3
-70°	62.6	58.3	54.0	49.9	45.5	41.0	36.9	32.8	28.6	24.8	21.0
-72.5°	52.2	48.7	45.1	41.4	38.1	34.6	31.1	27.6	24.3	21.0	17.6
-75°	42.2	39.5	36.8	34.0	31.1	28.2	25.5	22.7	19.9	17.1	14.6
-77.5°	33.3	31.1	28.9	26.8	24.6	22.4	20.2	17.9	15.7	13.7	11.6
-80°	24.6	23.0	21.6	20.1	18.4	16.6	15.1	13.5	11.9	10.3	8.7
-82.5°	15.8	15.2	14.6	13.9	12.8	11.7	10.5	9.3	8.2	6.9	6.0
-85°	9.8	9.3	8.8	8.2	7.4	6.7	6.2	5.7	5.1	4.6	4.0
-87.5°	4.5	4.3	4.1	3.8	3.6	3.3	3.1	2.8	2.6	2.3	2.0
-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: P626819 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA1E-750-U-NR-XX

CANDELA DISTRIBUTION (continued):

	75°	77.5°	80°	82.5°	85°	87.5°	90°
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0
87.5°	1.7	1.4	1.2	0.9	0.6	0.3	0.0
85°	3.5	2.9	2.3	1.7	1.2	0.5	0.0
82.5°	5.2	4.3	3.5	2.6	1.7	0.8	0.0
80°	7.0	5.8	4.6	3.5	2.3	1.0	0.0
77.5°	9.5	7.4	5.8	4.3	2.9	1.3	0.0
75°	12.0	9.4	7.0	5.2	3.4	1.5	0.0
72.5°	14.5	11.4	8.5	6.0	4.0	1.7	0.0
70°	16.9	13.3	10.0	6.9	4.5	2.0	0.0
67.5°	19.8	15.2	11.5	8.0	5.0	2.2	0.0
65°	22.5	17.3	12.9	9.0	5.5	2.4	0.0
62.5°	25.2	19.5	14.3	10.0	6.0	2.7	0.0
60°	27.9	21.7	15.6	11.0	6.5	2.9	0.0
57.5°	30.7	23.9	17.3	11.9	7.1	3.1	0.0
55°	33.6	26.0	19.0	12.9	7.7	3.3	0.0
52.5°	36.3	28.0	20.6	13.7	8.2	3.5	0.0
50°	39.0	30.2	22.1	14.6	8.8	3.6	0.0
47.5°	41.6	32.4	23.6	15.5	9.4	3.8	0.0
45°	44.4	34.4	25.1	16.5	9.9	4.0	0.0
42.5°	47.1	36.4	26.4	17.6	10.4	4.1	0.0
40°	49.6	38.3	27.8	18.6	10.9	4.2	0.0
37.5°	52.0	40.0	29.2	19.5	11.3	4.4	0.0
35°	54.3	41.8	30.6	20.4	11.8	4.5	0.0
32.5°	56.4	43.6	31.8	21.3	12.2	4.6	0.0
30°	58.4	45.2	33.0	22.1	12.6	4.7	0.0
27.5°	60.2	46.8	34.1	22.8	13.0	4.8	0.0
25°	61.9	48.1	35.1	23.5	13.3	4.9	0.0
22.5°	63.4	49.4	36.1	24.1	13.7	4.9	0.0
20°	64.8	50.5	36.9	24.7	13.9	5.0	0.0
17.5°	65.9	51.4	37.7	25.2	14.2	5.0	0.0
15°	66.8	52.2	38.4	25.6	14.4	5.0	0.0
12.5°	67.5	52.8	38.9	26.0	14.6	5.1	0.0
10°	68.1	53.2	39.4	26.3	14.8	5.1	0.0
7.5°	68.5	53.5	39.7	26.5	14.9	5.1	0.0
5°	68.7	53.7	40.0	26.7	15.0	5.1	0.0
2.5°	68.7	53.7	40.1	26.8	15.1	5.0	0.0
0°	68.6	53.6	40.2	26.8	15.1	5.0	0.0
-2.5°	68.7	53.7	40.1	26.8	15.1	5.0	0.0
-5°	68.7	53.7	40.0	26.7	15.0	5.1	0.0
-7.5°	68.5	53.5	39.7	26.5	14.9	5.1	0.0
-10°	68.1	53.2	39.4	26.3	14.8	5.1	0.0
-12.5°	67.5	52.8	38.9	26.0	14.6	5.1	0.0
-15°	66.8	52.2	38.4	25.6	14.4	5.0	0.0
-17.5°	65.9	51.4	37.7	25.2	14.2	5.0	0.0
-20°	64.8	50.5	36.9	24.7	13.9	5.0	0.0

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CATALOG NUMBER: GFLD-SA1E-750-U-NR-XX

CANDELA DISTRIBUTION (continued):

	75°	77.5°	80°	82.5°	85°	87.5°	90°
-22.5°	63.4	49.4	36.1	24.1	13.7	4.9	0.0
-25°	61.9	48.1	35.1	23.5	13.3	4.9	0.0
-27.5°	60.2	46.8	34.1	22.8	13.0	4.8	0.0
-30°	58.4	45.2	33.0	22.1	12.6	4.7	0.0
-32.5°	56.4	43.6	31.8	21.3	12.2	4.6	0.0
-35°	54.3	41.8	30.6	20.4	11.8	4.5	0.0
-37.5°	52.0	40.0	29.2	19.5	11.3	4.4	0.0
-40°	49.6	38.3	27.8	18.6	10.9	4.2	0.0
-42.5°	47.1	36.4	26.4	17.6	10.4	4.1	0.0
-45°	44.4	34.4	25.1	16.5	9.9	4.0	0.0
-47.5°	41.6	32.4	23.6	15.5	9.4	3.8	0.0
-50°	39.0	30.2	22.1	14.6	8.8	3.6	0.0
-52.5°	36.3	28.0	20.6	13.7	8.2	3.5	0.0
-55°	33.6	26.0	19.0	12.9	7.7	3.3	0.0
-57.5°	30.7	23.9	17.3	11.9	7.1	3.1	0.0
-60°	27.9	21.7	15.6	11.0	6.5	2.9	0.0
-62.5°	25.2	19.5	14.3	10.0	6.0	2.7	0.0
-65°	22.5	17.3	12.9	9.0	5.5	2.4	0.0
-67.5°	19.8	15.2	11.5	8.0	5.0	2.2	0.0
-70°	16.9	13.3	10.0	6.9	4.5	2.0	0.0
-72.5°	14.5	11.4	8.5	6.0	4.0	1.7	0.0
-75°	12.0	9.4	7.0	5.2	3.4	1.5	0.0
-77.5°	9.5	7.4	5.8	4.3	2.9	1.3	0.0
-80°	7.0	5.8	4.6	3.5	2.3	1.0	0.0
-82.5°	5.2	4.3	3.5	2.6	1.7	0.8	0.0
-85°	3.5	2.9	2.3	1.7	1.2	0.5	0.0
-87.5°	1.7	1.4	1.2	0.9	0.6	0.3	0.0
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0

(END OF REPORT)