

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: P627298 (CONVERTED FROM TYPE C PHOTOMETRY)

Luminaire Tested: **GFLD-SA3E-750-U-NR-VSR-XX**

Issue Date: 12/7/2022

Test Information

Test Method: LM-79-08
Report Number: P627298 (CONVERTED FROM TYPE C PHOTOMETRY)
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G2-2210-813-12)
Test Lab: COOPER LIGHTING SOLUTIONS
Issue Date: 12/7/2022
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: MCGRAW-EDISON
Catalog Number: GFLD-SA3E-750-U-NR-VSR-XX
Description: GALLEON FLOOD, THREE LIGHT SQAURE, NARROW SYMMETRICAL ROUND N3 WITH VISOR
Light Source: (48) 5000K CCT, 70 CRI LEDS
Ballast/Driver: -

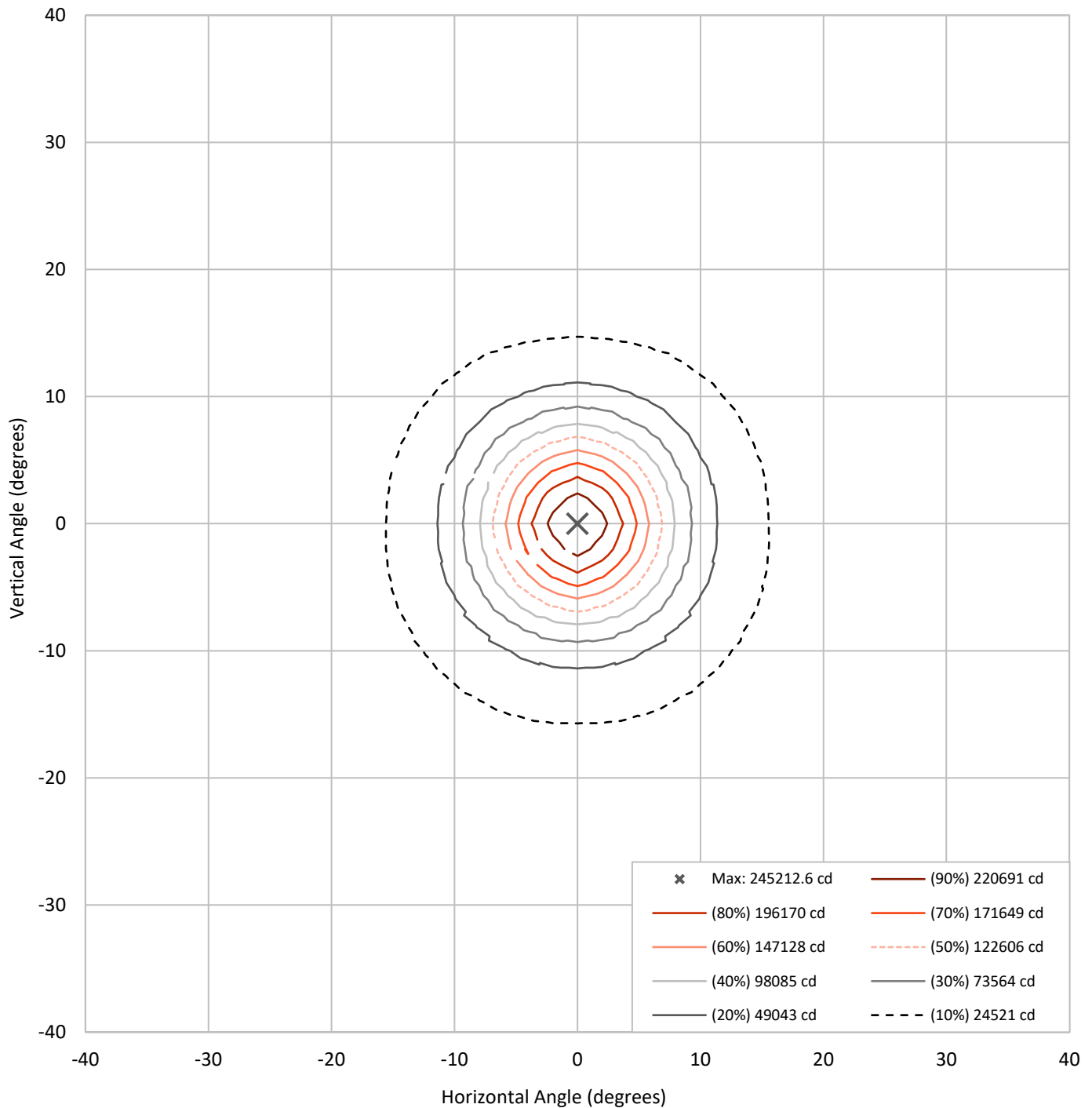
Summary

Lumens per Lamp:	N/A	NEMA Type:	3H x 3V
Luminaire Lumens:	24190.7 lumens	Max Intensity:	245212.6 candela
Efficiency:	N/A	Max Intensity Angle:	0°H x 0°V
Efficacy:	130.6 lumens/watt		
Luminous Opening:	Rectangular (W 1.5' x L: 0.5' x H: 0')		
Beam Angle (50%):	13.6°H x 13.6°V	Field Angle (10%):	30.9°H x 30.2°V
Beam Lumens:	7722.8 lumens	Field Lumens:	17201.1 lumens
Beam Efficiency:	31.9%	Field Efficiency:	71.1%
Input Watts (W):	185.2		
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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CATALOG NUMBER: GFLD-SA3E-750-U-NR-VSR-XX

Iso-Candela Plot





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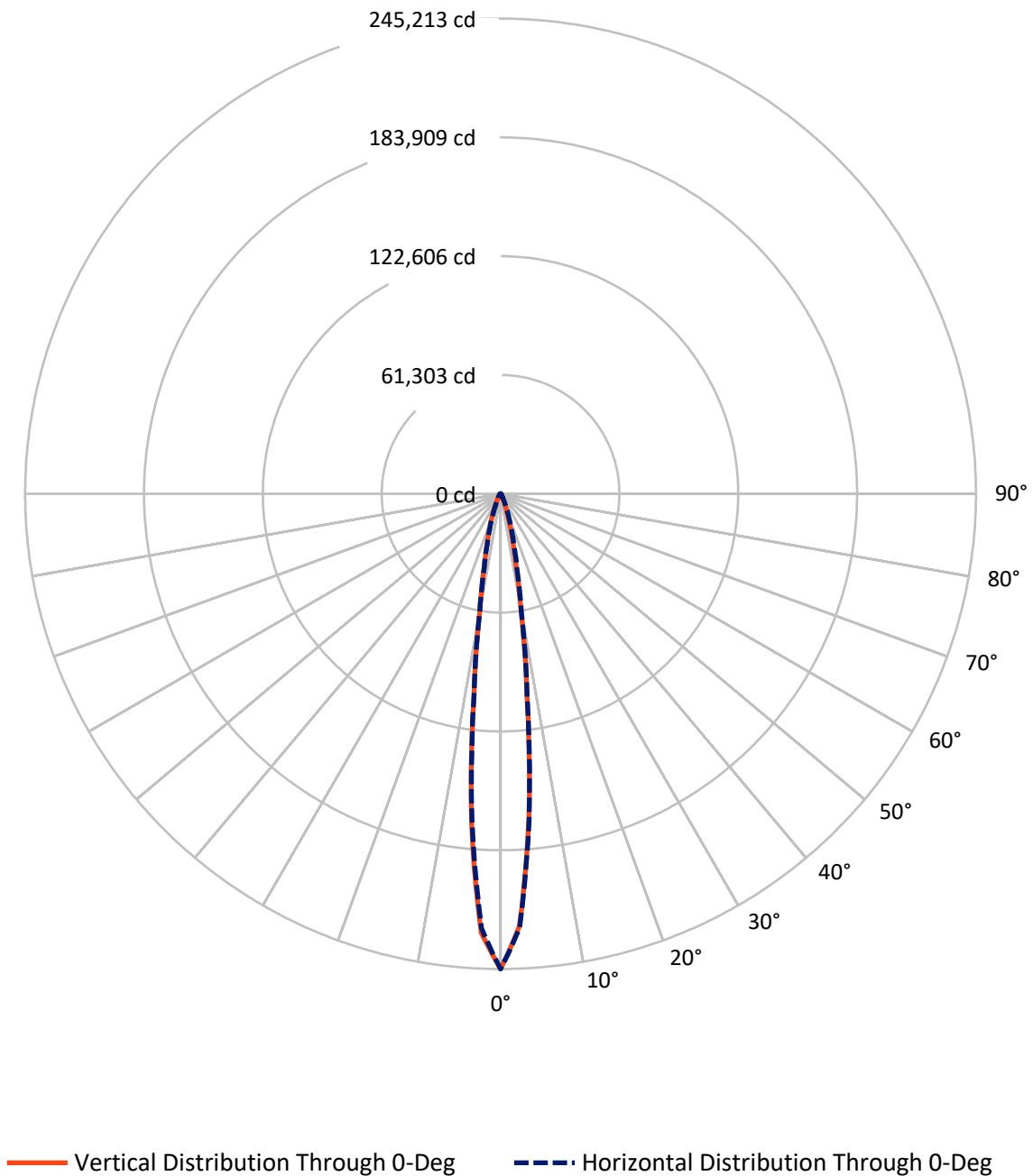
CATALOG NUMBER: GFLD-SA3E-750-U-NR-VSR-XX

Lumen Table

90																			
80	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0				
70																			
60	0.1	0.0	0.0	0.0	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.0	0.0	0.0	0.1				
50		0.1	0.2	0.6	1.3	2.1	2.9	3.4	3.4	2.9	2.1	1.3	0.6	0.2		0.1			
40	0.1	0.1	0.7	2.1	3.9	5.8	8.2	9.6	9.6	8.2	5.8	3.9	2.1	0.7	0.1				
30		0.3	1.7	4.1	7.3	11.6	19.7	25.0	25.0	19.7	11.6	7.3	4.1	1.7	0.3				
20	0.2	0.7	2.7	6.2	11.3	24.6	65.7	108.8	108.8	65.7	24.6	11.3	6.2	2.7	0.7				
10		1.0	3.7	8.6	18.7	73.6	310.1	681.6	681.6	310.1	73.6	18.7	8.6	3.7	1.0				
0	0.4	1.3	4.5	10.1	25.4	138.1	743.1	3332.4	3332.4	743.1	138.1	25.4	10.1	4.5	1.3				
-10		1.5	4.9	10.7	27.3	147.1	769.1	3389.0	3389.0	769.1	147.1	27.3	10.7	4.9	1.5				
-20	0.5	1.6	5.0	10.5	24.0	93.6	373.4	798.6	798.6	373.4	93.6	24.0	10.5	5.0	1.6				
-30		1.5	4.8	9.6	18.5	43.8	115.0	191.7	191.7	115.0	43.8	18.5	9.6	4.8	1.5				
-40	0.4	1.3	4.3	8.5	14.5	24.0	39.1	49.7	49.7	39.1	24.0	14.5	8.5	4.3	1.3				
-50		1.1	3.5	7.1	11.7	16.8	22.6	25.2	25.2	22.6	16.8	11.7	7.1	3.5	1.1				
-60	0.3	0.8	2.6	5.5	9.2	12.9	16.3	17.8	17.8	16.3	12.9	9.2	5.5	2.6	0.8				
-70		0.5	1.6	3.6	6.2	9.0	11.4	12.5	12.5	11.4	9.0	6.2	3.6	1.6	0.5				
-80	0.1	1.5		6.1		13.4		16.9		13.4		6.1		1.5					
-90																			
	-90	-80	-70	-60	-50	-40	-30	-20	-10	0	10	20	30	40	50	60	70	80	90

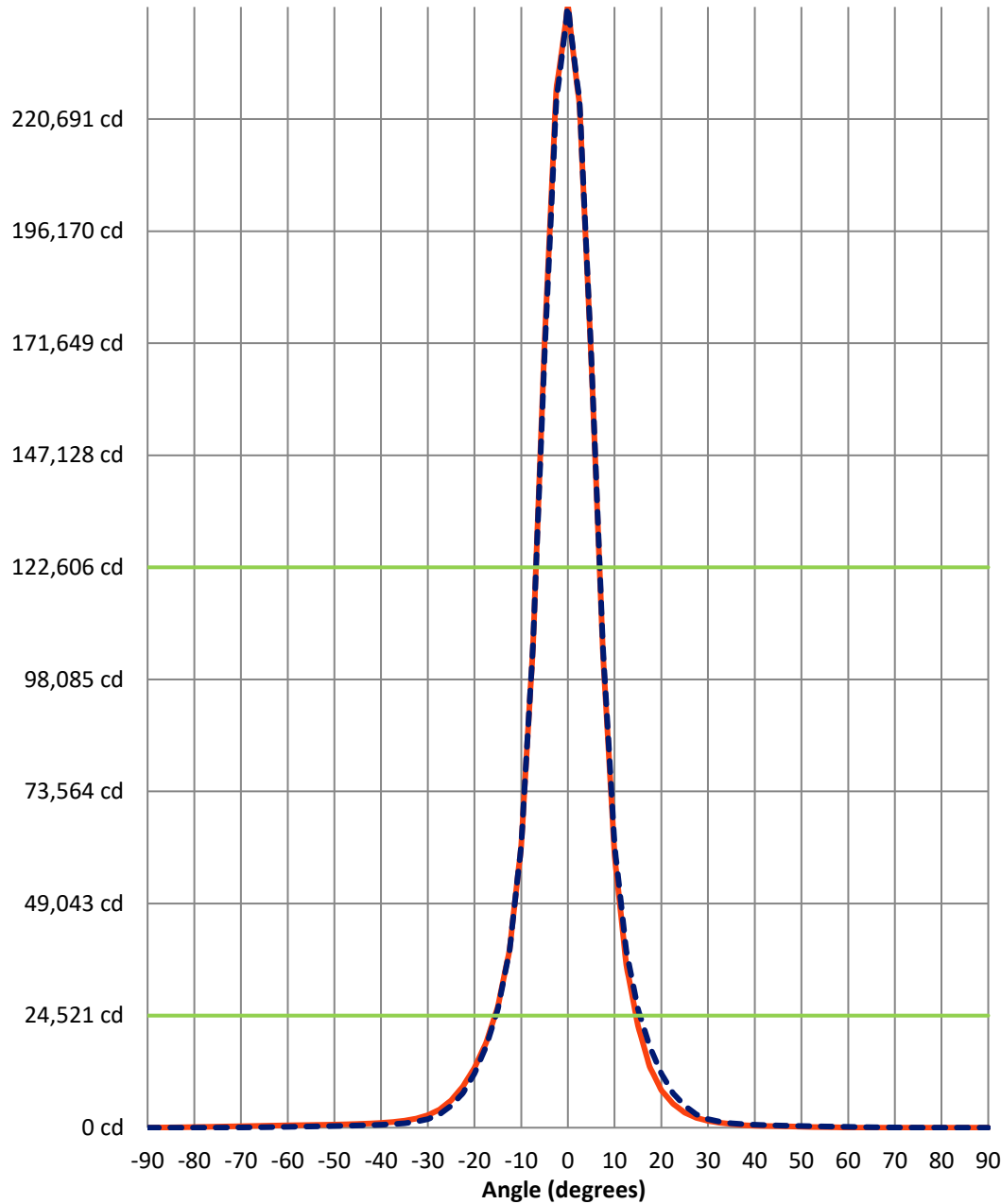
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Luminous Intensity Polar Plot



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Luminous Intensity Plot



Beam:
 H Angle: 13.6°
 V Angle: 13.6°
 Lumens: 7722.8
 Efficiency: 31.9%

Field:
 H Angle: 30.9°
 V Angle: 30.2°
 Lumens: 17201.1
 Efficiency: 71.1%

Spill:
 Lumens: 6989.6
 Efficiency: 28.9%

— 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	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
85°	0.0	0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
82.5°	0.0	0.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
80°	0.0	0.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
77.5°	0.0	0.6	0.1	0.0	0.0	0.1	0.1	0.0	0.0	0.0	0.0
75°	0.0	0.7	0.1	0.0	0.1	0.4	0.1	0.0	0.1	0.5	0.2
72.5°	0.0	0.8	0.1	0.0	0.6	0.8	0.3	0.3	1.1	1.2	0.5
70°	0.0	0.9	0.2	0.1	1.1	1.2	0.6	1.6	2.2	1.9	0.7
67.5°	0.0	1.1	0.3	0.6	1.6	1.6	1.8	2.9	3.3	2.1	0.9
65°	0.0	1.2	0.4	1.1	2.1	2.2	3.0	4.3	3.5	2.3	1.6
62.5°	0.0	1.3	0.5	1.7	2.7	3.0	4.1	4.9	3.7	2.7	3.3
60°	0.0	1.5	0.7	2.2	3.3	3.6	5.1	5.1	3.9	3.8	4.8
57.5°	0.0	1.6	1.1	2.7	3.7	4.2	5.2	5.2	4.4	4.6	5.2
55°	0.0	1.8	1.6	3.3	4.0	4.8	5.2	5.2	4.8	5.2	5.2
52.5°	0.0	1.9	2.0	3.9	4.3	5.2	5.2	5.2	5.1	5.2	5.2
50°	0.0	2.1	2.3	4.4	4.6	5.2	5.2	5.2	5.2	5.2	6.0
47.5°	0.0	2.2	2.7	4.9	4.8	5.2	5.2	5.2	5.2	5.2	7.2
45°	0.0	2.4	3.0	5.1	5.0	5.2	5.2	5.2	5.4	6.5	8.6
42.5°	0.0	2.5	3.3	5.2	5.1	5.2	5.2	5.4	5.7	7.9	11.5
40°	0.0	2.7	3.6	5.2	5.2	5.2	5.2	5.8	6.6	9.5	14.8
37.5°	0.0	2.9	3.9	5.2	5.2	5.2	5.2	6.3	8.4	12.0	18.3
35°	0.0	3.0	4.1	5.2	5.2	5.2	5.2	6.9	10.4	15.3	22.4
32.5°	0.0	3.2	4.3	5.2	5.2	5.2	5.4	7.7	12.4	18.5	27.7
30°	0.0	3.4	4.5	5.2	5.2	5.2	5.9	8.7	14.4	21.5	33.6
27.5°	0.0	3.5	4.7	5.2	5.2	5.2	6.5	10.3	16.7	24.4	39.8
25°	0.0	3.7	4.8	5.2	5.2	5.2	7.1	12.0	19.2	28.8	46.6
22.5°	0.0	3.9	4.9	5.2	5.2	5.3	7.7	13.7	21.6	34.0	54.5
20°	0.0	4.1	5.0	5.2	5.2	5.7	8.4	15.3	23.8	39.3	61.8
17.5°	0.0	4.2	5.1	5.2	5.2	6.1	9.3	17.0	25.8	44.6	68.5
15°	0.0	4.4	5.1	5.2	5.2	6.7	10.4	18.6	27.8	49.9	74.5
12.5°	0.0	4.5	5.1	5.2	5.2	7.3	11.4	20.2	30.4	55.0	80.0
10°	0.0	4.7	5.2	5.2	5.2	7.9	12.3	21.6	33.7	59.8	84.8
7.5°	0.0	4.8	5.2	5.2	5.2	8.5	13.2	22.9	37.1	63.9	89.0
5°	0.0	5.0	5.2	5.2	5.2	9.2	14.1	24.1	40.5	67.4	92.7
2.5°	0.0	5.1	5.2	5.2	5.2	9.8	14.9	25.1	43.7	70.3	95.9
0°	0.0	5.2	5.2	5.2	5.2	10.4	15.6	26.0	46.7	72.7	98.6
-2.5°	0.0	5.2	5.2	5.2	5.7	11.0	17.0	27.6	49.4	74.6	102.0
-5°	0.0	5.2	5.2	5.2	6.1	11.5	18.2	29.0	51.7	76.1	104.7
-7.5°	0.0	5.2	5.2	5.2	6.5	11.9	19.4	30.2	53.5	77.2	106.8
-10°	0.0	5.1	5.2	5.2	6.9	12.3	20.4	31.3	54.9	78.1	108.0
-12.5°	0.0	5.1	5.2	5.2	7.3	12.6	21.2	32.3	55.7	78.8	110.1
-15°	0.0	5.0	5.2	5.2	7.5	12.9	21.9	33.1	55.9	80.4	111.9
-17.5°	0.0	5.0	5.2	5.2	7.8	13.1	22.3	33.9	55.5	81.2	112.8
-20°	0.0	4.9	5.2	5.2	7.9	13.3	22.6	34.6	54.7	81.2	112.6

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Scaled Data Report



REPORT NUMBER: P627298 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA3E-750-U-NR-VSR-XX

CANDELA DISTRIBUTION (continued):

	-90°	-87.5°	-85°	-82.5°	-80°	-77.5°	-75°	-72.5°	-70°	-67.5°	-65°
-22.5°	0.0	4.8	5.2	5.2	8.0	13.4	22.9	35.0	53.5	80.3	111.3
-25°	0.0	4.7	5.2	5.2	8.0	13.8	23.1	35.2	51.8	78.4	108.9
-27.5°	0.0	4.6	5.2	5.2	7.8	14.1	23.1	35.1	49.8	75.8	106.6
-30°	0.0	4.5	5.2	5.2	7.6	14.4	22.9	34.7	48.7	73.0	103.0
-32.5°	0.0	4.4	5.2	5.2	7.6	14.5	22.7	34.3	48.1	69.7	98.1
-35°	0.0	4.3	5.2	5.2	7.5	14.4	22.6	33.8	47.1	66.0	91.8
-37.5°	0.0	4.1	5.2	5.2	7.3	14.3	22.5	33.2	45.8	61.9	88.3
-40°	0.0	4.0	5.2	5.2	7.1	14.0	22.2	32.4	44.0	59.2	85.1
-42.5°	0.0	3.8	5.2	5.3	7.0	13.6	21.8	31.4	42.6	58.0	81.0
-45°	0.0	3.7	5.2	5.4	7.2	13.0	21.1	30.5	41.3	56.3	76.6
-47.5°	0.0	3.5	5.2	5.5	7.3	12.4	20.3	29.4	39.9	53.8	73.7
-50°	0.0	3.3	5.2	5.6	7.4	11.5	19.2	28.2	38.4	51.8	69.8
-52.5°	0.0	3.2	5.2	5.6	7.4	10.6	18.0	26.7	36.5	48.9	65.3
-55°	0.0	3.0	5.2	5.6	7.4	10.3	16.6	24.9	34.3	45.2	60.5
-57.5°	0.0	2.8	5.2	5.6	7.3	10.1	15.1	22.9	31.9	42.0	54.9
-60°	0.0	2.6	5.2	5.6	7.1	9.7	13.5	20.7	29.2	38.6	49.2
-62.5°	0.0	2.4	4.8	5.5	6.9	9.3	12.8	18.3	26.1	34.9	44.7
-65°	0.0	2.2	4.4	5.4	6.6	8.8	12.0	16.1	22.9	31.0	39.9
-67.5°	0.0	2.0	4.0	5.3	6.4	8.3	11.1	14.8	19.4	26.7	34.8
-70°	0.0	1.8	3.6	5.2	6.0	7.7	10.1	13.3	17.4	22.2	29.4
-72.5°	0.0	1.6	3.1	4.7	5.7	7.0	9.0	11.8	15.2	19.3	24.1
-75°	0.0	1.3	2.7	4.0	5.3	6.2	7.9	10.3	12.9	16.3	20.3
-77.5°	0.0	1.1	2.2	3.4	4.5	5.5	6.6	8.9	11.2	13.5	16.3
-80°	0.0	0.9	1.8	2.7	3.6	4.5	5.4	7.4	9.5	11.7	13.8
-82.5°	0.0	0.7	1.4	2.0	2.7	3.4	4.0	5.8	7.8	9.8	11.7
-85°	0.0	0.5	0.9	1.4	1.8	2.2	2.7	3.9	5.3	6.9	8.7
-87.5°	0.0	0.2	0.5	0.7	0.9	1.1	1.3	2.0	2.7	3.5	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



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CATALOG NUMBER: GFLD-SA3E-750-U-NR-VSR-XX

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°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
85°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
82.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
80°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
77.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
75°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
72.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
70°	0.0	0.0	0.5	0.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0
67.5°	0.3	1.5	1.8	1.1	0.0	0.0	0.0	0.3	0.0	0.0	0.0
65°	2.5	3.4	2.6	1.4	0.1	1.2	1.7	1.4	0.2	0.0	0.0
62.5°	4.8	4.1	2.9	2.2	2.9	3.9	3.1	1.8	0.5	2.5	3.6
60°	5.2	4.4	3.7	4.1	5.3	4.7	3.4	5.1	7.6	9.6	11.6
57.5°	5.2	4.8	4.7	5.6	5.9	5.9	9.1	12.2	17.3	21.5	24.3
55°	5.3	5.1	5.9	7.0	8.8	12.4	17.0	23.9	29.5	38.0	45.3
52.5°	5.9	5.9	7.9	10.6	15.7	21.4	29.5	39.3	50.4	58.7	67.5
50°	6.7	8.7	11.1	17.8	24.8	33.7	47.0	61.3	70.7	80.0	92.7
47.5°	9.3	11.8	18.3	26.1	36.1	50.4	68.7	79.0	88.2	102.9	118.7
45°	12.5	17.7	25.7	36.4	50.3	70.4	84.7	93.1	109.2	126.3	144.2
42.5°	15.9	24.4	35.3	46.6	68.4	87.5	100.5	113.9	130.1	150.0	169.5
40°	21.6	31.0	45.8	63.6	85.8	104.5	120.7	136.1	152.0	178.1	198.8
37.5°	27.4	41.1	57.8	79.9	103.0	123.4	141.6	160.8	183.5	212.9	231.6
35°	32.9	51.5	72.0	95.5	120.0	143.1	164.9	187.4	216.9	244.7	266.9
32.5°	40.8	62.2	85.2	110.6	135.9	162.0	188.5	215.4	244.4	272.9	302.0
30°	50.6	73.6	97.8	125.1	150.5	180.7	211.4	240.0	269.1	299.1	332.0
27.5°	60.6	84.2	110.4	138.0	164.6	199.0	232.2	262.0	291.9	324.1	361.7
25°	69.8	94.9	122.3	149.5	180.8	217.7	254.0	288.4	313.8	350.5	394.4
22.5°	78.6	105.4	134.8	159.9	196.4	236.5	278.7	315.8	345.8	378.6	428.4
20°	87.3	116.2	146.5	174.6	212.0	255.1	305.2	343.5	380.7	423.0	473.9
17.5°	95.6	126.2	158.1	191.4	230.9	275.6	332.5	371.4	415.8	466.5	530.6
15°	103.5	135.5	169.8	207.1	247.9	296.0	350.9	399.5	452.6	511.1	586.9
12.5°	110.8	144.0	181.2	221.6	262.9	313.6	366.3	418.0	479.2	555.7	651.1
10°	117.6	151.7	192.3	234.9	276.0	328.5	380.0	433.8	498.3	582.3	691.5
7.5°	123.2	159.5	202.8	247.0	287.2	340.7	391.7	446.7	514.3	604.3	718.7
5°	127.9	167.7	212.6	254.8	296.6	351.3	401.6	457.0	527.0	621.5	738.1
2.5°	131.8	175.1	221.1	260.5	304.7	360.9	409.5	468.4	540.0	634.9	756.4
0°	134.9	181.7	228.4	264.7	311.4	368.5	415.2	477.5	550.2	643.6	773.4
-2.5°	141.2	187.1	232.7	269.6	318.6	369.8	419.0	478.8	554.1	650.4	776.5
-5°	146.5	191.4	235.8	273.4	323.9	369.6	420.6	477.7	555.4	654.2	782.1
-7.5°	150.6	194.8	237.9	276.3	326.8	371.3	422.9	481.4	559.5	657.8	789.5
-10°	153.2	197.2	239.6	280.0	327.5	373.1	423.8	482.2	558.8	655.5	785.5
-12.5°	154.6	198.6	240.5	282.0	327.3	372.9	422.6	480.0	553.0	647.3	769.5
-15°	155.0	199.1	240.4	282.2	326.6	370.7	419.3	474.5	542.7	633.4	744.3
-17.5°	154.6	198.8	239.4	280.5	325.4	366.4	414.1	467.2	532.3	617.1	723.8
-20°	153.3	197.7	237.6	276.8	323.6	362.5	408.9	460.2	521.4	598.2	693.8



REPORT NUMBER: P627298 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA3E-750-U-NR-VSR-XX

CANDELA DISTRIBUTION (continued):

	-62.5°	-60°	-57.5°	-55°	-52.5°	-50°	-47.5°	-45°	-42.5°	-40°	-37.5°
-22.5°	151.1	195.9	235.0	273.0	317.9	358.8	402.2	451.1	506.0	575.4	660.2
-25°	148.6	192.2	231.7	270.1	311.3	353.2	393.7	440.2	490.6	557.3	633.7
-27.5°	145.3	187.8	227.2	266.0	304.4	345.6	385.2	429.1	479.0	537.9	606.1
-30°	140.5	181.5	220.9	260.5	298.3	337.0	375.3	417.1	464.2	519.7	582.6
-32.5°	134.4	174.4	213.0	252.1	291.5	328.4	364.4	404.6	448.8	497.5	557.4
-35°	128.3	166.8	204.4	241.7	283.3	318.9	353.5	390.4	431.5	476.8	525.6
-37.5°	122.5	158.6	195.4	230.5	269.9	307.0	340.7	375.7	413.7	455.2	499.6
-40°	116.3	150.0	185.8	220.0	254.5	292.4	326.1	359.9	394.9	436.6	476.1
-42.5°	109.8	142.6	175.8	209.3	242.2	276.1	309.7	342.1	379.1	418.5	457.3
-45°	104.4	134.8	165.6	198.3	230.7	261.3	292.9	323.2	360.8	400.1	438.0
-47.5°	98.2	126.9	156.8	186.4	218.2	248.8	277.2	307.8	339.8	376.9	416.7
-50°	91.7	118.9	146.4	174.3	204.5	235.1	263.8	292.2	322.4	352.9	387.2
-52.5°	86.1	109.9	135.4	161.0	189.6	219.5	248.5	276.9	304.7	333.4	362.6
-55°	79.5	101.3	123.9	147.8	172.9	201.5	230.3	257.9	286.3	313.1	341.8
-57.5°	72.2	91.8	112.3	134.8	157.6	181.1	209.0	236.5	263.1	290.3	319.8
-60°	64.0	81.5	100.1	120.8	143.0	164.5	187.2	212.7	238.4	264.1	291.4
-62.5°	55.5	70.7	87.5	105.5	125.9	147.0	167.7	189.5	212.6	234.9	258.6
-65°	49.8	60.5	74.6	90.7	107.4	126.3	145.9	165.9	186.3	205.3	223.5
-67.5°	43.7	53.4	63.8	75.7	90.9	106.8	122.4	140.3	158.6	176.1	193.1
-70°	37.3	45.9	55.1	65.0	75.8	88.8	103.4	117.8	131.8	146.5	162.3
-72.5°	30.6	38.0	46.0	54.6	63.8	74.1	85.4	97.6	110.1	122.2	134.5
-75°	25.1	30.0	36.6	43.8	51.7	59.9	68.0	77.7	88.3	98.9	109.3
-77.5°	20.7	25.2	29.7	34.1	39.8	47.2	54.5	61.7	69.0	77.0	85.6
-80°	16.8	20.3	24.4	28.5	32.4	36.8	41.9	47.6	52.8	58.1	64.0
-82.5°	14.0	16.7	19.7	22.9	25.1	27.5	30.1	33.4	36.9	40.4	44.2
-85°	10.8	12.9	14.9	17.1	18.1	19.3	20.6	22.0	24.2	26.4	28.5
-87.5°	5.4	6.5	7.7	8.9	9.5	10.0	10.5	11.0	12.4	13.9	15.5
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



REPORT NUMBER: P627298 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA3E-750-U-NR-VSR-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°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
85°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
82.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
80°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
77.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
75°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
72.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
70°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
67.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
65°	0.3	0.0	0.0	0.0	0.1	1.0	1.3	1.1	0.5	0.0	0.0
62.5°	3.0	2.5	4.0	5.4	5.9	5.7	5.3	4.7	4.0	3.7	4.3
60°	12.5	12.2	17.0	19.4	17.6	12.4	19.6	23.1	22.2	19.0	18.9
57.5°	30.5	37.0	41.7	43.8	50.7	61.9	64.0	60.3	59.0	60.2	69.5
55°	52.8	58.1	60.9	70.3	78.6	84.6	88.2	91.8	97.1	103.7	110.4
52.5°	74.6	81.9	87.5	95.9	105.9	109.4	108.4	121.3	131.3	137.7	140.3
50°	102.5	111.6	124.5	137.7	143.4	149.1	154.9	165.5	180.8	199.9	210.9
47.5°	132.6	146.8	160.4	175.5	183.1	189.1	197.8	216.2	238.1	258.7	269.4
45°	159.6	172.3	187.9	200.9	210.3	221.7	234.5	251.1	275.6	297.1	312.0
42.5°	181.4	195.7	211.6	227.4	236.9	252.4	271.8	294.3	320.0	342.4	358.9
40°	211.8	223.9	249.3	264.3	268.1	282.5	321.3	352.2	381.1	408.7	422.4
37.5°	248.6	272.3	298.6	312.2	325.6	351.1	403.0	452.9	489.8	527.1	547.5
35°	290.4	321.5	357.4	373.4	402.1	457.8	518.8	588.1	674.4	710.6	743.5
32.5°	331.0	365.8	398.9	435.0	485.2	551.6	620.4	732.8	837.8	919.0	978.4
30°	367.0	403.9	445.0	491.5	562.1	653.7	768.5	914.0	1061.9	1191.1	1300.3
27.5°	402.6	444.6	493.5	562.7	662.2	786.5	969.8	1177.3	1424.3	1606.3	1823.6
25°	441.7	489.7	552.4	652.7	787.0	972.8	1265.9	1602.9	2007.9	2336.3	2680.0
22.5°	487.9	558.7	638.3	750.1	984.6	1290.8	1691.2	2267.1	2890.2	3466.3	4021.1
20°	543.7	640.5	768.3	974.2	1275.2	1727.9	2423.6	3342.8	4259.1	5234.9	6174.3
17.5°	623.3	763.0	961.4	1254.5	1651.1	2546.6	3675.6	5097.2	6923.5	8578.6	10023.7
15°	698.0	864.9	1178.3	1616.4	2308.1	3495.0	5209.7	7556.1	10402.5	12996.6	15736.4
12.5°	776.5	973.5	1333.4	1891.2	2852.4	4397.5	6807.3	10022.3	13586.4	17496.0	21949.3
10°	838.6	1077.9	1508.8	2215.9	3400.8	5324.9	8195.3	12094.4	16830.6	22616.6	29735.4
7.5°	880.5	1161.5	1653.6	2453.7	3905.7	6273.4	9728.8	14415.4	20336.4	28001.6	37962.7
5°	913.3	1225.3	1762.5	2670.5	4332.8	6997.4	10865.0	16447.8	23452.2	33722.1	50603.3
2.5°	939.6	1274.1	1829.9	2819.7	4600.8	7501.6	11627.2	17597.7	25306.9	37951.4	59852.4
0°	960.2	1318.3	1873.7	2911.8	4806.3	7552.0	11865.1	17808.1	25972.5	38714.8	61842.9
-2.5°	969.0	1342.0	1888.8	2932.0	4785.8	7638.5	11937.8	17976.2	25947.5	38296.5	59619.9
-5°	983.6	1341.7	1877.4	2911.4	4678.5	7414.7	11463.6	17035.6	24382.1	35002.8	52472.6
-7.5°	994.0	1320.2	1823.1	2779.5	4397.6	6931.0	10630.6	15477.3	21533.0	29597.1	40416.7
-10°	984.4	1279.2	1732.5	2558.2	3960.9	6154.9	9363.8	13420.0	18452.9	24429.1	31780.2
-12.5°	947.4	1203.3	1584.6	2248.2	3395.3	5285.6	8089.3	11542.9	15268.0	19465.0	24544.8
-15°	900.5	1121.6	1451.4	2035.6	2976.1	4424.0	6470.9	9272.6	12260.8	15447.5	18845.6
-17.5°	864.1	1049.8	1322.9	1745.8	2437.6	3588.9	5197.4	7187.7	9383.7	11809.8	13823.5
-20°	814.7	961.5	1190.7	1536.1	2063.9	2826.7	3998.2	5444.1	6893.1	8599.0	9990.1

Classified

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

Scaled Data Report



REPORT NUMBER: P627298 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA3E-750-U-NR-VSR-XX

CANDELA DISTRIBUTION (continued):

	-35°	-32.5°	-30°	-27.5°	-25°	-22.5°	-20°	-17.5°	-15°	-12.5°	-10°
-22.5°	765.3	893.1	1067.5	1320.3	1713.0	2289.3	3013.1	3978.5	5038.2	6017.3	6981.1
-25°	719.4	817.9	958.9	1166.3	1432.7	1826.0	2341.1	2894.9	3593.4	4189.5	4850.9
-27.5°	682.2	766.8	870.9	1022.9	1229.6	1482.6	1851.5	2222.6	2589.9	2890.7	3346.1
-30°	646.3	714.4	801.5	909.8	1064.8	1259.8	1499.2	1739.9	1951.9	2145.3	2382.5
-32.5°	611.1	666.5	733.3	823.2	934.4	1080.9	1228.1	1400.7	1548.0	1684.0	1809.8
-35°	575.8	625.1	676.0	751.8	840.5	944.5	1051.5	1168.5	1270.5	1362.1	1443.1
-37.5°	543.9	587.2	635.1	691.5	763.0	841.3	928.7	1013.6	1081.0	1140.5	1189.6
-40°	517.0	556.4	597.3	642.6	696.9	758.8	833.0	903.8	951.0	987.3	1017.1
-42.5°	493.0	527.7	562.5	600.9	642.7	696.2	754.8	813.2	845.2	873.3	894.9
-45°	473.6	500.3	529.6	562.4	599.4	644.2	690.3	730.6	759.1	783.3	801.3
-47.5°	448.2	473.8	499.2	526.3	560.7	598.1	636.2	667.2	692.1	713.1	726.8
-50°	420.1	447.1	470.4	494.1	525.8	557.5	588.2	613.8	637.5	658.1	669.0
-52.5°	391.0	420.0	444.4	467.6	494.2	521.9	549.5	571.5	592.2	611.6	619.8
-55°	370.1	396.7	422.0	443.8	465.8	487.9	510.5	533.2	553.8	572.2	577.7
-57.5°	347.5	374.6	399.6	419.2	439.0	458.9	479.6	500.1	520.0	537.7	542.2
-60°	319.8	349.3	371.5	390.0	409.2	428.9	446.9	465.2	483.6	499.1	504.1
-62.5°	284.7	311.6	333.5	353.0	371.6	388.7	406.2	423.3	439.9	452.1	456.1
-65°	242.7	265.5	288.1	308.5	326.8	343.4	359.5	375.2	390.2	400.9	406.3
-67.5°	209.6	226.0	244.1	261.7	280.1	297.1	311.7	325.4	338.3	347.4	353.1
-70°	177.6	193.2	210.2	227.0	243.0	256.8	268.4	279.7	290.7	298.8	304.8
-72.5°	147.0	160.2	174.4	189.2	203.8	216.3	227.0	237.1	246.6	253.5	259.1
-75°	119.4	130.3	142.3	154.2	166.0	175.9	184.9	193.6	202.0	208.2	213.3
-77.5°	94.7	104.0	113.3	122.7	132.0	139.2	145.8	152.2	158.4	163.3	167.7
-80°	70.2	77.4	84.9	92.4	99.8	105.3	110.3	114.9	119.4	122.2	124.7
-82.5°	48.0	53.0	58.3	63.5	68.8	72.9	76.8	80.6	84.3	85.7	86.7
-85°	30.6	33.1	35.9	38.8	41.8	44.0	46.1	48.2	50.1	51.9	53.6
-87.5°	17.0	17.5	18.0	18.4	18.9	20.4	22.0	23.5	25.1	25.4	25.6
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



REPORT NUMBER: P627298 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA3E-750-U-NR-VSR-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°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
85°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
82.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
80°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
77.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
75°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
72.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
70°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
67.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
65°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.5	1.1
62.5°	4.7	5.0	5.1	5.2	5.1	5.0	4.7	4.3	3.7	4.0	4.7
60°	17.8	15.8	15.5	15.6	15.5	15.8	17.8	18.9	19.0	22.2	23.1
57.5°	78.9	87.8	90.2	88.2	90.2	87.8	78.9	69.5	60.2	59.0	60.3
55°	115.0	117.7	119.0	119.4	119.0	117.7	115.0	110.4	103.7	97.1	91.8
52.5°	140.9	140.0	139.8	140.1	139.8	140.0	140.9	140.3	137.7	131.3	121.3
50°	211.8	207.9	206.4	207.6	206.4	207.9	211.8	210.9	199.9	180.8	165.5
47.5°	270.7	271.9	273.8	275.1	273.8	271.9	270.7	269.4	258.7	238.1	216.2
45°	316.1	318.9	320.8	321.8	320.8	318.9	316.1	312.0	297.1	275.6	251.1
42.5°	362.5	362.8	362.3	363.3	362.3	362.8	362.5	358.9	342.4	320.0	294.3
40°	428.0	429.4	427.9	425.6	427.9	429.4	428.0	422.4	408.7	381.1	352.2
37.5°	559.4	561.3	555.1	550.2	555.1	561.3	559.4	547.5	527.1	489.8	452.9
35°	773.5	795.7	806.3	809.7	806.3	795.7	773.5	743.5	710.6	674.4	588.1
32.5°	1019.5	1050.4	1065.9	1079.6	1065.9	1050.4	1019.5	978.4	919.0	837.8	732.8
30°	1372.0	1428.9	1454.1	1489.6	1454.1	1428.9	1372.0	1300.3	1191.1	1061.9	914.0
27.5°	1947.0	2047.1	2102.5	2154.0	2102.5	2047.1	1947.0	1823.6	1606.3	1424.3	1177.3
25°	2929.7	3122.6	3247.4	3306.2	3247.4	3122.6	2929.7	2680.0	2336.3	2007.9	1602.9
22.5°	4557.8	4913.2	5187.4	5242.2	5187.4	4913.2	4557.8	4021.1	3466.3	2890.2	2267.1
20°	7085.7	7594.3	8008.0	8216.3	8008.0	7594.3	7085.7	6174.3	5234.9	4259.1	3342.8
17.5°	11744.9	12802.7	13285.8	13365.1	13285.8	12802.7	11744.9	10023.7	8578.6	6923.5	5097.2
15°	18676.3	20466.2	21602.4	22334.0	21602.4	20466.2	18676.3	15736.4	12996.6	10402.5	7556.1
12.5°	26584.9	31670.8	34564.7	35668.0	34564.7	31670.8	26584.9	21949.3	17496.0	13586.4	10022.3
10°	37318.5	49291.5	56198.0	59673.4	56198.0	49291.5	37318.5	29735.4	22616.6	16830.6	12094.4
7.5°	55536.0	74028.5	94517.3	103996.3	94517.3	74028.5	55536.0	37962.7	28001.6	20336.4	14415.4
5°	74687.0	115288.9	150925.5	167990.7	150925.5	115288.9	74687.0	50603.3	33722.1	23452.2	16447.8
2.5°	96698.1	151453.6	202079.4	223366.5	202079.4	151453.6	96698.1	59852.4	37951.4	25306.9	17597.7
0°	105169.4	168950.9	224318.8	245212.6	224318.8	168950.9	105169.4	61842.9	38714.8	25972.5	17808.1
-2.5°	98007.7	154106.3	202949.2	226823.2	202949.2	154106.3	98007.7	59619.9	38296.5	25947.5	17976.2
-5°	77872.1	115924.3	152097.2	171551.2	152097.2	115924.3	77872.1	52472.6	35002.8	24382.1	17035.6
-7.5°	57153.3	77868.5	97957.7	104982.5	97957.7	77868.5	57153.3	40416.7	29597.1	21533.0	15477.3
-10°	39791.3	51653.5	59483.9	61718.4	59483.9	51653.5	39791.3	31780.2	24429.1	18452.9	13420.0
-12.5°	29501.2	34689.8	38299.9	38927.6	38299.9	34689.8	29501.2	24544.8	19465.0	15268.0	11542.9
-15°	21844.9	24483.5	26345.4	26470.8	26345.4	24483.5	21844.9	18845.6	15447.5	12260.8	9272.6
-17.5°	15968.7	17739.9	18679.5	18612.6	18679.5	17739.9	15968.7	13823.5	11809.8	9383.7	7187.7
-20°	11418.6	12486.2	13243.3	13095.2	13243.3	12486.2	11418.6	9990.1	8599.0	6893.1	5444.1



REPORT NUMBER: P627298 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA3E-750-U-NR-VSR-XX

CANDELA DISTRIBUTION (continued):

	-7.5°	-5°	-2.5°	0°	2.5°	5°	7.5°	10°	12.5°	15°	17.5°
-22.5°	7961.8	8670.5	9114.2	9000.1	9114.2	8670.5	7961.8	6981.1	6017.3	5038.2	3978.5
-25°	5409.9	5796.0	6015.8	5979.3	6015.8	5796.0	5409.9	4850.9	4189.5	3593.4	2894.9
-27.5°	3686.6	3890.5	3958.7	3955.0	3958.7	3890.5	3686.6	3346.1	2890.7	2589.9	2222.6
-30°	2558.8	2695.9	2774.3	2724.9	2774.3	2695.9	2558.8	2382.5	2145.3	1951.9	1739.9
-32.5°	1907.1	1984.4	2029.1	1982.7	2029.1	1984.4	1907.1	1809.8	1684.0	1548.0	1400.7
-35°	1503.0	1542.1	1557.9	1531.2	1557.9	1542.1	1503.0	1443.1	1362.1	1270.5	1168.5
-37.5°	1225.3	1248.2	1256.0	1240.5	1256.0	1248.2	1225.3	1189.6	1140.5	1081.0	1013.6
-40°	1038.3	1052.3	1055.8	1043.3	1055.8	1052.3	1038.3	1017.1	987.3	951.0	903.8
-42.5°	908.5	916.9	918.8	913.5	918.8	916.9	908.5	894.9	873.3	845.2	813.2
-45°	812.0	819.1	820.5	814.9	820.5	819.1	812.0	801.3	783.3	759.1	730.6
-47.5°	733.7	738.1	739.3	737.0	739.3	738.1	733.7	726.8	713.1	692.1	667.2
-50°	673.9	676.9	677.2	674.7	677.2	676.9	673.9	669.0	658.1	637.5	613.8
-52.5°	623.7	625.9	627.3	628.0	627.3	625.9	623.7	619.8	611.6	592.2	571.5
-55°	581.5	584.3	585.9	586.5	585.9	584.3	581.5	577.7	572.2	553.8	533.2
-57.5°	545.7	548.2	549.7	550.2	549.7	548.2	545.7	542.2	537.7	520.0	500.1
-60°	508.1	511.2	513.1	513.8	513.1	511.2	508.1	504.1	499.1	483.6	465.2
-62.5°	458.7	460.1	461.4	461.9	461.4	460.1	458.7	456.1	452.1	439.9	423.3
-65°	410.3	413.1	414.7	415.2	414.7	413.1	410.3	406.3	400.9	390.2	375.2
-67.5°	357.8	361.4	365.2	368.5	365.2	361.4	357.8	353.1	347.4	338.3	325.4
-70°	310.2	314.8	316.2	316.6	316.2	314.8	310.2	304.8	298.8	290.7	279.7
-72.5°	264.0	268.4	272.0	275.1	272.0	268.4	264.0	259.1	253.5	246.6	237.1
-75°	217.9	221.9	222.9	223.2	222.9	221.9	217.9	213.3	208.2	202.0	193.6
-77.5°	171.7	175.5	176.3	176.5	176.3	175.5	171.7	167.7	163.3	158.4	152.2
-80°	127.0	129.1	132.1	134.9	132.1	129.1	127.0	124.7	122.2	119.4	114.9
-82.5°	87.4	87.8	88.1	88.2	88.1	87.8	87.4	86.7	85.7	84.3	80.6
-85°	55.3	56.9	57.0	57.1	57.0	56.9	55.3	53.6	51.9	50.1	48.2
-87.5°	25.8	25.9	26.0	26.0	26.0	25.9	25.8	25.6	25.4	25.1	23.5
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



REPORT NUMBER: P627298 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA3E-750-U-NR-VSR-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°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
85°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
82.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
80°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
77.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
75°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
72.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
70°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
67.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.3
65°	1.3	1.0	0.1	0.0	0.0	0.0	0.3	0.0	0.0	0.2	1.4
62.5°	5.3	5.7	5.9	5.4	4.0	2.5	3.0	3.6	2.5	0.5	1.8
60°	19.6	12.4	17.6	19.4	17.0	12.2	12.5	11.6	9.6	7.6	5.1
57.5°	64.0	61.9	50.7	43.8	41.7	37.0	30.5	24.3	21.5	17.3	12.2
55°	88.2	84.6	78.6	70.3	60.9	58.1	52.8	45.3	38.0	29.5	23.9
52.5°	108.4	109.4	105.9	95.9	87.5	81.9	74.6	67.5	58.7	50.4	39.3
50°	154.9	149.1	143.4	137.7	124.5	111.6	102.5	92.7	80.0	70.7	61.3
47.5°	197.8	189.1	183.1	175.5	160.4	146.8	132.6	118.7	102.9	88.2	79.0
45°	234.5	221.7	210.3	200.9	187.9	172.3	159.6	144.2	126.3	109.2	93.1
42.5°	271.8	252.4	236.9	227.4	211.6	195.7	181.4	169.5	150.0	130.1	113.9
40°	321.3	282.5	268.1	264.3	249.3	223.9	211.8	198.8	178.1	152.0	136.1
37.5°	403.0	351.1	325.6	312.2	298.6	272.3	248.6	231.6	212.9	183.5	160.8
35°	518.8	457.8	402.1	373.4	357.4	321.5	290.4	266.9	244.7	216.9	187.4
32.5°	620.4	551.6	485.2	435.0	398.9	365.8	331.0	302.0	272.9	244.4	215.4
30°	768.5	653.7	562.1	491.5	445.0	403.9	367.0	332.0	299.1	269.1	240.0
27.5°	969.8	786.5	662.2	562.7	493.5	444.6	402.6	361.7	324.1	291.9	262.0
25°	1265.9	972.8	787.0	652.7	552.4	489.7	441.7	394.4	350.5	313.8	288.4
22.5°	1691.2	1290.8	984.6	750.1	638.3	558.7	487.9	428.4	378.6	345.8	315.8
20°	2423.6	1727.9	1275.2	974.2	768.3	640.5	543.7	473.9	423.0	380.7	343.5
17.5°	3675.6	2546.6	1651.1	1254.5	961.4	763.0	623.3	530.6	466.5	415.8	371.4
15°	5209.7	3495.0	2308.1	1616.4	1178.3	864.9	698.0	586.9	511.1	452.6	399.5
12.5°	6807.3	4397.5	2852.4	1891.2	1333.4	973.5	776.5	651.1	555.7	479.2	418.0
10°	8195.3	5324.9	3400.8	2215.9	1508.8	1077.9	838.6	691.5	582.3	498.3	433.8
7.5°	9728.8	6273.4	3905.7	2453.7	1653.6	1161.5	880.5	718.7	604.3	514.3	446.7
5°	10865.0	6997.4	4332.8	2670.5	1762.5	1225.3	913.3	738.1	621.5	527.0	457.0
2.5°	11627.2	7501.6	4600.8	2819.7	1829.9	1274.1	939.6	756.4	634.9	540.0	468.4
0°	11865.1	7552.0	4806.3	2911.8	1873.7	1318.3	960.2	773.4	643.6	550.2	477.5
-2.5°	11937.8	7638.5	4785.8	2932.0	1888.8	1342.0	969.0	776.5	650.4	554.1	478.8
-5°	11463.6	7414.7	4678.5	2911.4	1877.4	1341.7	983.6	782.1	654.2	555.4	477.7
-7.5°	10630.6	6931.0	4397.6	2779.5	1823.1	1320.2	994.0	789.5	657.8	559.5	481.4
-10°	9363.8	6154.9	3960.9	2558.2	1732.5	1279.2	984.4	785.5	655.5	558.8	482.2
-12.5°	8089.3	5285.6	3395.3	2248.2	1584.6	1203.3	947.4	769.5	647.3	553.0	480.0
-15°	6470.9	4424.0	2976.1	2035.6	1451.4	1121.6	900.5	744.3	633.4	542.7	474.5
-17.5°	5197.4	3588.9	2437.6	1745.8	1322.9	1049.8	864.1	723.8	617.1	532.3	467.2
-20°	3998.2	2826.7	2063.9	1536.1	1190.7	961.5	814.7	693.8	598.2	521.4	460.2

Classified

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

Scaled Data Report



REPORT NUMBER: P627298 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA3E-750-U-NR-VSR-XX

CANDELA DISTRIBUTION (continued):

	20°	22.5°	25°	27.5°	30°	32.5°	35°	37.5°	40°	42.5°	45°
-22.5°	3013.1	2289.3	1713.0	1320.3	1067.5	893.1	765.3	660.2	575.4	506.0	451.1
-25°	2341.1	1826.0	1432.7	1166.3	958.9	817.9	719.4	633.7	557.3	490.6	440.2
-27.5°	1851.5	1482.6	1229.6	1022.9	870.9	766.8	682.2	606.1	537.9	479.0	429.1
-30°	1499.2	1259.8	1064.8	909.8	801.5	714.4	646.3	582.6	519.7	464.2	417.1
-32.5°	1228.1	1080.9	934.4	823.2	733.3	666.5	611.1	557.4	497.5	448.8	404.6
-35°	1051.5	944.5	840.5	751.8	676.0	625.1	575.8	525.6	476.8	431.5	390.4
-37.5°	928.7	841.3	763.0	691.5	635.1	587.2	543.9	499.6	455.2	413.7	375.7
-40°	833.0	758.8	696.9	642.6	597.3	556.4	517.0	476.1	436.6	394.9	359.9
-42.5°	754.8	696.2	642.7	600.9	562.5	527.7	493.0	457.3	418.5	379.1	342.1
-45°	690.3	644.2	599.4	562.4	529.6	500.3	473.6	438.0	400.1	360.8	323.2
-47.5°	636.2	598.1	560.7	526.3	499.2	473.8	448.2	416.7	376.9	339.8	307.8
-50°	588.2	557.5	525.8	494.1	470.4	447.1	420.1	387.2	352.9	322.4	292.2
-52.5°	549.5	521.9	494.2	467.6	444.4	420.0	391.0	362.6	333.4	304.7	276.9
-55°	510.5	487.9	465.8	443.8	422.0	396.7	370.1	341.8	313.1	286.3	257.9
-57.5°	479.6	458.9	439.0	419.2	399.6	374.6	347.5	319.8	290.3	263.1	236.5
-60°	446.9	428.9	409.2	390.0	371.5	349.3	319.8	291.4	264.1	238.4	212.7
-62.5°	406.2	388.7	371.6	353.0	333.5	311.6	284.7	258.6	234.9	212.6	189.5
-65°	359.5	343.4	326.8	308.5	288.1	265.5	242.7	223.5	205.3	186.3	165.9
-67.5°	311.7	297.1	280.1	261.7	244.1	226.0	209.6	193.1	176.1	158.6	140.3
-70°	268.4	256.8	243.0	227.0	210.2	193.2	177.6	162.3	146.5	131.8	117.8
-72.5°	227.0	216.3	203.8	189.2	174.4	160.2	147.0	134.5	122.2	110.1	97.6
-75°	184.9	175.9	166.0	154.2	142.3	130.3	119.4	109.3	98.9	88.3	77.7
-77.5°	145.8	139.2	132.0	122.7	113.3	104.0	94.7	85.6	77.0	69.0	61.7
-80°	110.3	105.3	99.8	92.4	84.9	77.4	70.2	64.0	58.1	52.8	47.6
-82.5°	76.8	72.9	68.8	63.5	58.3	53.0	48.0	44.2	40.4	36.9	33.4
-85°	46.1	44.0	41.8	38.8	35.9	33.1	30.6	28.5	26.4	24.2	22.0
-87.5°	22.0	20.4	18.9	18.4	18.0	17.5	17.0	15.5	13.9	12.4	11.0
-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: P627298 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA3E-750-U-NR-VSR-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°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
85°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
82.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
80°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
77.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
75°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.2	0.5	0.1	0.0
72.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.5	1.2	1.1	0.3
70°	0.0	0.0	0.0	0.5	0.5	0.0	0.0	0.7	1.9	2.2	1.6
67.5°	0.0	0.0	0.0	1.1	1.8	1.5	0.3	0.9	2.1	3.3	2.9
65°	1.7	1.2	0.1	1.4	2.6	3.4	2.5	1.6	2.3	3.5	4.3
62.5°	3.1	3.9	2.9	2.2	2.9	4.1	4.8	3.3	2.7	3.7	4.9
60°	3.4	4.7	5.3	4.1	3.7	4.4	5.2	4.8	3.8	3.9	5.1
57.5°	9.1	5.9	5.9	5.6	4.7	4.8	5.2	5.2	4.6	4.4	5.2
55°	17.0	12.4	8.8	7.0	5.9	5.1	5.3	5.2	5.2	4.8	5.2
52.5°	29.5	21.4	15.7	10.6	7.9	5.9	5.9	5.2	5.2	5.1	5.2
50°	47.0	33.7	24.8	17.8	11.1	8.7	6.7	6.0	5.2	5.2	5.2
47.5°	68.7	50.4	36.1	26.1	18.3	11.8	9.3	7.2	5.2	5.2	5.2
45°	84.7	70.4	50.3	36.4	25.7	17.7	12.5	8.6	6.5	5.4	5.2
42.5°	100.5	87.5	68.4	46.6	35.3	24.4	15.9	11.5	7.9	5.7	5.4
40°	120.7	104.5	85.8	63.6	45.8	31.0	21.6	14.8	9.5	6.6	5.8
37.5°	141.6	123.4	103.0	79.9	57.8	41.1	27.4	18.3	12.0	8.4	6.3
35°	164.9	143.1	120.0	95.5	72.0	51.5	32.9	22.4	15.3	10.4	6.9
32.5°	188.5	162.0	135.9	110.6	85.2	62.2	40.8	27.7	18.5	12.4	7.7
30°	211.4	180.7	150.5	125.1	97.8	73.6	50.6	33.6	21.5	14.4	8.7
27.5°	232.2	199.0	164.6	138.0	110.4	84.2	60.6	39.8	24.4	16.7	10.3
25°	254.0	217.7	180.8	149.5	122.3	94.9	69.8	46.6	28.8	19.2	12.0
22.5°	278.7	236.5	196.4	159.9	134.8	105.4	78.6	54.5	34.0	21.6	13.7
20°	305.2	255.1	212.0	174.6	146.5	116.2	87.3	61.8	39.3	23.8	15.3
17.5°	332.5	275.6	230.9	191.4	158.1	126.2	95.6	68.5	44.6	25.8	17.0
15°	350.9	296.0	247.9	207.1	169.8	135.5	103.5	74.5	49.9	27.8	18.6
12.5°	366.3	313.6	262.9	221.6	181.2	144.0	110.8	80.0	55.0	30.4	20.2
10°	380.0	328.5	276.0	234.9	192.3	151.7	117.6	84.8	59.8	33.7	21.6
7.5°	391.7	340.7	287.2	247.0	202.8	159.5	123.2	89.0	63.9	37.1	22.9
5°	401.6	351.3	296.6	254.8	212.6	167.7	127.9	92.7	67.4	40.5	24.1
2.5°	409.5	360.9	304.7	260.5	221.1	175.1	131.8	95.9	70.3	43.7	25.1
0°	415.2	368.5	311.4	264.7	228.4	181.7	134.9	98.6	72.7	46.7	26.0
-2.5°	419.0	369.8	318.6	269.6	232.7	187.1	141.2	102.0	74.6	49.4	27.6
-5°	420.6	369.6	323.9	273.4	235.8	191.4	146.5	104.7	76.1	51.7	29.0
-7.5°	422.9	371.3	326.8	276.3	237.9	194.8	150.6	106.8	77.2	53.5	30.2
-10°	423.8	373.1	327.5	280.0	239.6	197.2	153.2	108.0	78.1	54.9	31.3
-12.5°	422.6	372.9	327.3	282.0	240.5	198.6	154.6	110.1	78.8	55.7	32.3
-15°	419.3	370.7	326.6	282.2	240.4	199.1	155.0	111.9	80.4	55.9	33.1
-17.5°	414.1	366.4	325.4	280.5	239.4	198.8	154.6	112.8	81.2	55.5	33.9
-20°	408.9	362.5	323.6	276.8	237.6	197.7	153.3	112.6	81.2	54.7	34.6

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Scaled Data Report



REPORT NUMBER: P627298 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA3E-750-U-NR-VSR-XX

CANDELA DISTRIBUTION (continued):

	47.5°	50°	52.5°	55°	57.5°	60°	62.5°	65°	67.5°	70°	72.5°
-22.5°	402.2	358.8	317.9	273.0	235.0	195.9	151.1	111.3	80.3	53.5	35.0
-25°	393.7	353.2	311.3	270.1	231.7	192.2	148.6	108.9	78.4	51.8	35.2
-27.5°	385.2	345.6	304.4	266.0	227.2	187.8	145.3	106.6	75.8	49.8	35.1
-30°	375.3	337.0	298.3	260.5	220.9	181.5	140.5	103.0	73.0	48.7	34.7
-32.5°	364.4	328.4	291.5	252.1	213.0	174.4	134.4	98.1	69.7	48.1	34.3
-35°	353.5	318.9	283.3	241.7	204.4	166.8	128.3	91.8	66.0	47.1	33.8
-37.5°	340.7	307.0	269.9	230.5	195.4	158.6	122.5	88.3	61.9	45.8	33.2
-40°	326.1	292.4	254.5	220.0	185.8	150.0	116.3	85.1	59.2	44.0	32.4
-42.5°	309.7	276.1	242.2	209.3	175.8	142.6	109.8	81.0	58.0	42.6	31.4
-45°	292.9	261.3	230.7	198.3	165.6	134.8	104.4	76.6	56.3	41.3	30.5
-47.5°	277.2	248.8	218.2	186.4	156.8	126.9	98.2	73.7	53.8	39.9	29.4
-50°	263.8	235.1	204.5	174.3	146.4	118.9	91.7	69.8	51.8	38.4	28.2
-52.5°	248.5	219.5	189.6	161.0	135.4	109.9	86.1	65.3	48.9	36.5	26.7
-55°	230.3	201.5	172.9	147.8	123.9	101.3	79.5	60.5	45.2	34.3	24.9
-57.5°	209.0	181.1	157.6	134.8	112.3	91.8	72.2	54.9	42.0	31.9	22.9
-60°	187.2	164.5	143.0	120.8	100.1	81.5	64.0	49.2	38.6	29.2	20.7
-62.5°	167.7	147.0	125.9	105.5	87.5	70.7	55.5	44.7	34.9	26.1	18.3
-65°	145.9	126.3	107.4	90.7	74.6	60.5	49.8	39.9	31.0	22.9	16.1
-67.5°	122.4	106.8	90.9	75.7	63.8	53.4	43.7	34.8	26.7	19.4	14.8
-70°	103.4	88.8	75.8	65.0	55.1	45.9	37.3	29.4	22.2	17.4	13.3
-72.5°	85.4	74.1	63.8	54.6	46.0	38.0	30.6	24.1	19.3	15.2	11.8
-75°	68.0	59.9	51.7	43.8	36.6	30.0	25.1	20.3	16.3	12.9	10.3
-77.5°	54.5	47.2	39.8	34.1	29.7	25.2	20.7	16.3	13.5	11.2	8.9
-80°	41.9	36.8	32.4	28.5	24.4	20.3	16.8	13.8	11.7	9.5	7.4
-82.5°	30.1	27.5	25.1	22.9	19.7	16.7	14.0	11.7	9.8	7.8	5.8
-85°	20.6	19.3	18.1	17.1	14.9	12.9	10.8	8.7	6.9	5.3	3.9
-87.5°	10.5	10.0	9.5	8.9	7.7	6.5	5.4	4.4	3.5	2.7	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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CATALOG NUMBER: GFLD-SA3E-750-U-NR-VSR-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°	0.0	0.0	0.0	0.0	0.0	0.1	0.0
85°	0.0	0.0	0.0	0.0	0.0	0.2	0.0
82.5°	0.0	0.0	0.0	0.0	0.0	0.3	0.0
80°	0.0	0.0	0.0	0.0	0.0	0.5	0.0
77.5°	0.1	0.1	0.0	0.0	0.1	0.6	0.0
75°	0.1	0.4	0.1	0.0	0.1	0.7	0.0
72.5°	0.3	0.8	0.6	0.0	0.1	0.8	0.0
70°	0.6	1.2	1.1	0.1	0.2	0.9	0.0
67.5°	1.8	1.6	1.6	0.6	0.3	1.1	0.0
65°	3.0	2.2	2.1	1.1	0.4	1.2	0.0
62.5°	4.1	3.0	2.7	1.7	0.5	1.3	0.0
60°	5.1	3.6	3.3	2.2	0.7	1.5	0.0
57.5°	5.2	4.2	3.7	2.7	1.1	1.6	0.0
55°	5.2	4.8	4.0	3.3	1.6	1.8	0.0
52.5°	5.2	5.2	4.3	3.9	2.0	1.9	0.0
50°	5.2	5.2	4.6	4.4	2.3	2.1	0.0
47.5°	5.2	5.2	4.8	4.9	2.7	2.2	0.0
45°	5.2	5.2	5.0	5.1	3.0	2.4	0.0
42.5°	5.2	5.2	5.1	5.2	3.3	2.5	0.0
40°	5.2	5.2	5.2	5.2	3.6	2.7	0.0
37.5°	5.2	5.2	5.2	5.2	3.9	2.9	0.0
35°	5.2	5.2	5.2	5.2	4.1	3.0	0.0
32.5°	5.4	5.2	5.2	5.2	4.3	3.2	0.0
30°	5.9	5.2	5.2	5.2	4.5	3.4	0.0
27.5°	6.5	5.2	5.2	5.2	4.7	3.5	0.0
25°	7.1	5.2	5.2	5.2	4.8	3.7	0.0
22.5°	7.7	5.3	5.2	5.2	4.9	3.9	0.0
20°	8.4	5.7	5.2	5.2	5.0	4.1	0.0
17.5°	9.3	6.1	5.2	5.2	5.1	4.2	0.0
15°	10.4	6.7	5.2	5.2	5.1	4.4	0.0
12.5°	11.4	7.3	5.2	5.2	5.1	4.5	0.0
10°	12.3	7.9	5.2	5.2	5.2	4.7	0.0
7.5°	13.2	8.5	5.2	5.2	5.2	4.8	0.0
5°	14.1	9.2	5.2	5.2	5.2	5.0	0.0
2.5°	14.9	9.8	5.2	5.2	5.2	5.1	0.0
0°	15.6	10.4	5.2	5.2	5.2	5.2	0.0
-2.5°	17.0	11.0	5.7	5.2	5.2	5.2	0.0
-5°	18.2	11.5	6.1	5.2	5.2	5.2	0.0
-7.5°	19.4	11.9	6.5	5.2	5.2	5.2	0.0
-10°	20.4	12.3	6.9	5.2	5.2	5.1	0.0
-12.5°	21.2	12.6	7.3	5.2	5.2	5.1	0.0
-15°	21.9	12.9	7.5	5.2	5.2	5.0	0.0
-17.5°	22.3	13.1	7.8	5.2	5.2	5.0	0.0
-20°	22.6	13.3	7.9	5.2	5.2	4.9	0.0

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CATALOG NUMBER: GFLD-SA3E-750-U-NR-VSR-XX

CANDELA DISTRIBUTION (continued):

	75°	77.5°	80°	82.5°	85°	87.5°	90°
-22.5°	22.9	13.4	8.0	5.2	5.2	4.8	0.0
-25°	23.1	13.8	8.0	5.2	5.2	4.7	0.0
-27.5°	23.1	14.1	7.8	5.2	5.2	4.6	0.0
-30°	22.9	14.4	7.6	5.2	5.2	4.5	0.0
-32.5°	22.7	14.5	7.6	5.2	5.2	4.4	0.0
-35°	22.6	14.4	7.5	5.2	5.2	4.3	0.0
-37.5°	22.5	14.3	7.3	5.2	5.2	4.1	0.0
-40°	22.2	14.0	7.1	5.2	5.2	4.0	0.0
-42.5°	21.8	13.6	7.0	5.3	5.2	3.8	0.0
-45°	21.1	13.0	7.2	5.4	5.2	3.7	0.0
-47.5°	20.3	12.4	7.3	5.5	5.2	3.5	0.0
-50°	19.2	11.5	7.4	5.6	5.2	3.3	0.0
-52.5°	18.0	10.6	7.4	5.6	5.2	3.2	0.0
-55°	16.6	10.3	7.4	5.6	5.2	3.0	0.0
-57.5°	15.1	10.1	7.3	5.6	5.2	2.8	0.0
-60°	13.5	9.7	7.1	5.6	5.2	2.6	0.0
-62.5°	12.8	9.3	6.9	5.5	4.8	2.4	0.0
-65°	12.0	8.8	6.6	5.4	4.4	2.2	0.0
-67.5°	11.1	8.3	6.4	5.3	4.0	2.0	0.0
-70°	10.1	7.7	6.0	5.2	3.6	1.8	0.0
-72.5°	9.0	7.0	5.7	4.7	3.1	1.6	0.0
-75°	7.9	6.2	5.3	4.0	2.7	1.3	0.0
-77.5°	6.6	5.5	4.5	3.4	2.2	1.1	0.0
-80°	5.4	4.5	3.6	2.7	1.8	0.9	0.0
-82.5°	4.0	3.4	2.7	2.0	1.4	0.7	0.0
-85°	2.7	2.2	1.8	1.4	0.9	0.5	0.0
-87.5°	1.3	1.1	0.9	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)