

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: P627288 (CONVERTED FROM TYPE C PHOTOMETRY)

Luminaire Tested: **GFLD-SA3E-740-U-NR-VSR-XX**

Issue Date: 12/7/2022

Test Information

Test Method: LM-79-08
Report Number: P627288 (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-740-U-NR-VSR-XX
Description: GALLEON FLOOD, THREE LIGHT SQAURE, NARROW SYMMETRICAL ROUND N3 WITH VISOR
Light Source: (48) 4000K CCT, 70 CRI LEDS
Ballast/Driver: -

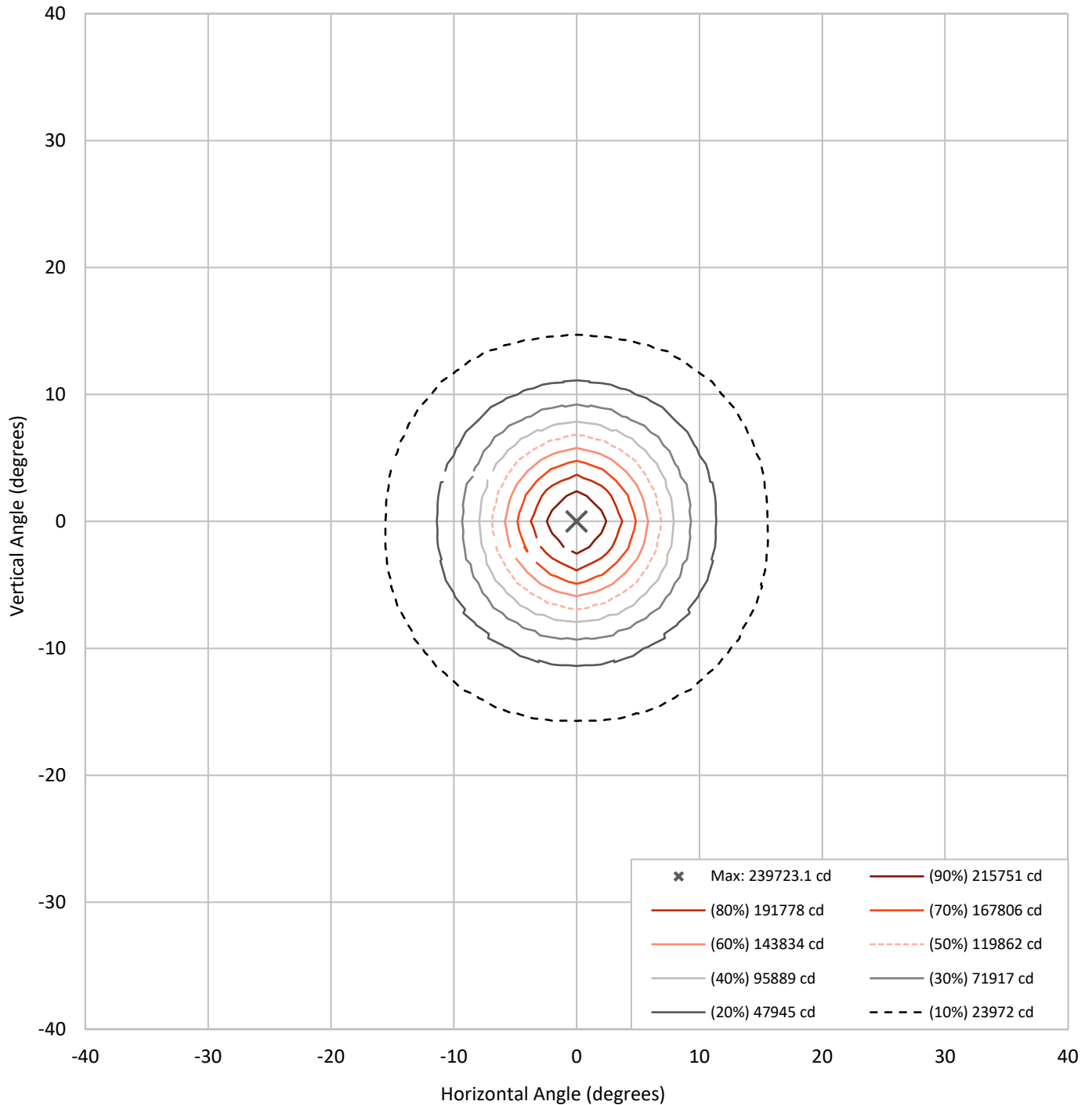
Summary

Lumens per Lamp:	N/A	NEMA Type:	3H x 3V
Luminaire Lumens:	23649.2 lumens	Max Intensity:	239723.1 candela
Efficiency:	N/A	Max Intensity Angle:	0°H x 0°V
Efficacy:	127.7 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:	7549.9 lumens	Field Lumens:	16816 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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Iso-Candela Plot





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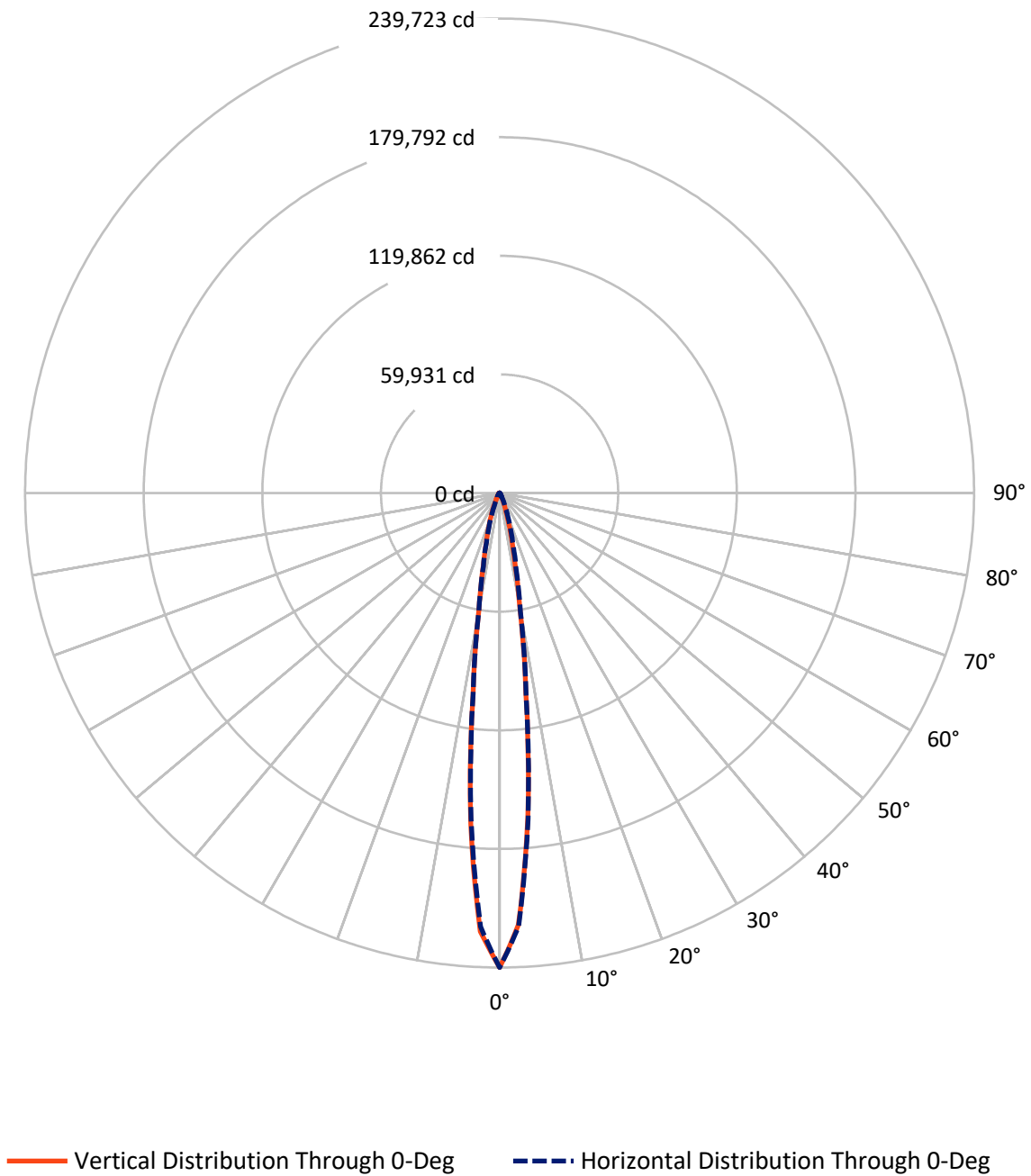
CATALOG NUMBER: GFLD-SA3E-740-U-NR-VSR-XX

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	2.8	3.4	3.4	2.8	2.1	1.3	0.6	0.2	
40	0.1	0.1	0.7	2.1	3.8	5.7	8.0	9.4	9.4	8.0	5.7	3.8	2.1	0.7	0.1
30		0.3	1.7	4.0	7.2	11.3	19.2	24.5	24.5	19.2	11.3	7.2	4.0	1.7	0.3
20	0.2	0.7	2.6	6.1	11.1	24.1	64.2	106.4	106.4	64.2	24.1	11.1	6.1	2.6	0.7
10		1.0	3.6	8.4	18.3	71.9	303.2	666.4	666.4	303.2	71.9	18.3	8.4	3.6	1.0
0	0.4	1.3	4.4	9.9	24.8	135.0	726.4	3257.8	3257.8	726.4	135.0	24.8	9.9	4.4	1.3
-10		1.5	4.8	10.4	26.7	143.8	751.9	3313.1	3313.1	751.9	143.8	26.7	10.4	4.8	1.5
-20	0.4	1.5	4.9	10.2	23.4	91.5	365.0	780.7	780.7	365.0	91.5	23.4	10.2	4.9	1.5
-30		1.5	4.7	9.4	18.1	42.8	112.5	187.5	187.5	112.5	42.8	18.1	9.4	4.7	1.5
-40	0.4	1.3	4.2	8.3	14.2	23.5	38.2	48.6	48.6	38.2	23.5	14.2	8.3	4.2	1.3
-50		1.1	3.4	6.9	11.4	16.4	22.1	24.6	24.6	22.1	16.4	11.4	6.9	3.4	1.1
-60	0.3	0.8	2.6	5.4	9.0	12.6	15.9	17.4	17.4	15.9	12.6	9.0	5.4	2.6	0.8
-70		0.5	1.6	3.5	6.0	8.8	11.1	12.2	12.2	11.1	8.8	6.0	3.5	1.6	0.5
-80	0.1	1.4	6.0	13.1	16.6	13.1	6.0	1.4	0.1						
-90															

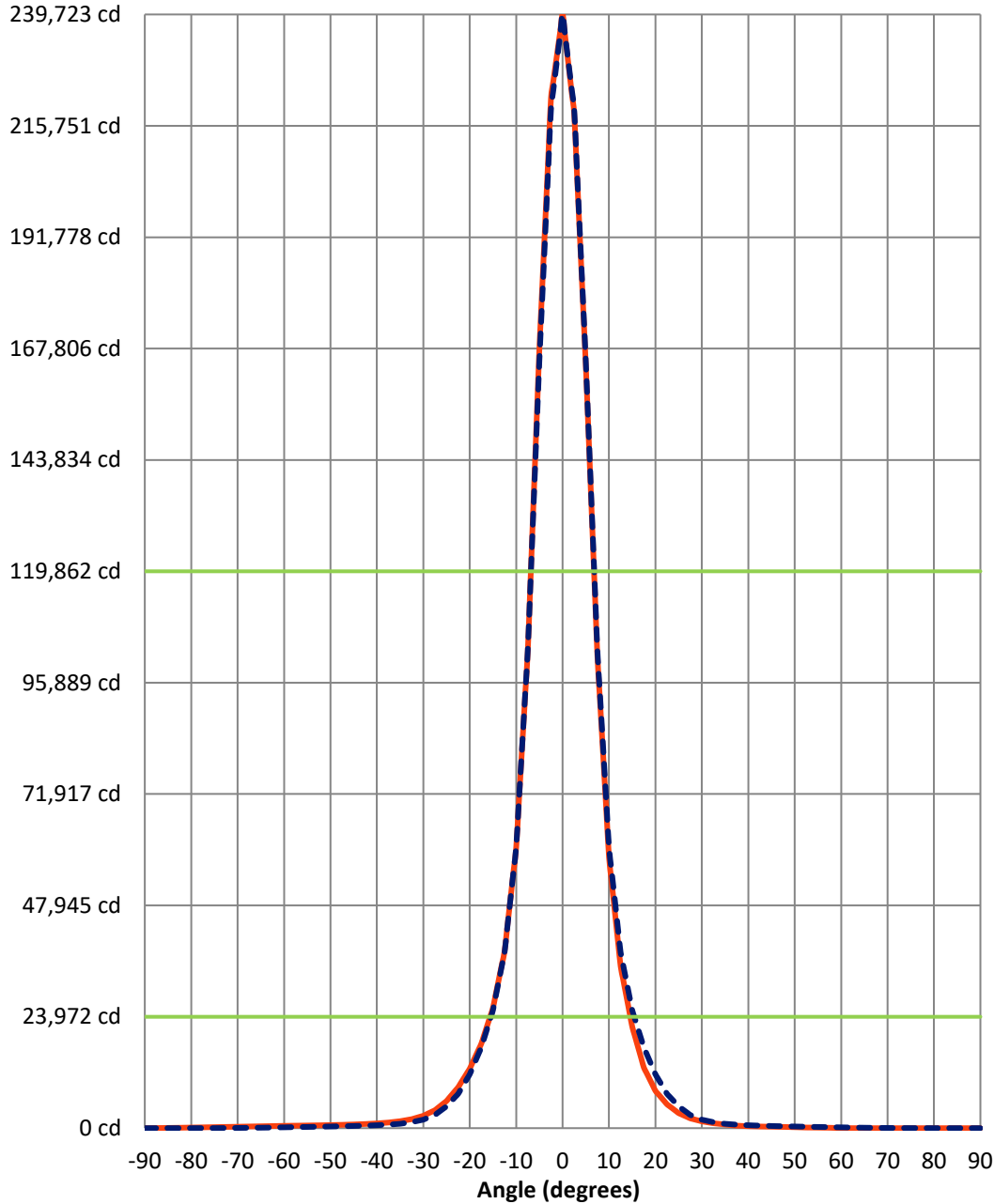
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Luminous Intensity Polar Plot



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Luminous Intensity Plot



Beam:
 H Angle: 13.6°
 V Angle: 13.6°
 Lumens: 7549.9
 Efficiency: 31.9%

Field:
 H Angle: 30.9°
 V Angle: 30.2°
 Lumens: 16816
 Efficiency: 71.1%

Spill:
 Lumens: 6833.1
 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	0.4	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	0.0	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	0.4	0.2
72.5°	0.0	0.8	0.1	0.0	0.5	0.8	0.3	0.3	1.1	1.1	0.5
70°	0.0	0.9	0.2	0.1	1.0	1.2	0.6	1.6	2.1	1.9	0.7
67.5°	0.0	1.0	0.3	0.6	1.5	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	2.9	4.2	3.4	2.3	1.5
62.5°	0.0	1.3	0.5	1.6	2.6	2.9	4.0	4.8	3.6	2.6	3.2
60°	0.0	1.4	0.7	2.2	3.2	3.6	5.0	5.0	3.8	3.7	4.7
57.5°	0.0	1.6	1.1	2.7	3.6	4.2	5.1	5.1	4.3	4.5	5.1
55°	0.0	1.7	1.5	3.2	3.9	4.7	5.1	5.1	4.7	5.1	5.1
52.5°	0.0	1.9	1.9	3.8	4.2	5.1	5.1	5.1	5.0	5.1	5.1
50°	0.0	2.0	2.3	4.4	4.5	5.1	5.1	5.1	5.1	5.1	5.9
47.5°	0.0	2.2	2.7	4.8	4.7	5.1	5.1	5.1	5.1	5.1	7.0
45°	0.0	2.3	3.0	5.0	4.9	5.1	5.1	5.1	5.3	6.3	8.3
42.5°	0.0	2.5	3.3	5.1	5.0	5.1	5.1	5.3	5.6	7.7	11.2
40°	0.0	2.7	3.6	5.1	5.1	5.1	5.1	5.7	6.5	9.3	14.4
37.5°	0.0	2.8	3.8	5.1	5.1	5.1	5.1	6.2	8.2	11.7	17.8
35°	0.0	3.0	4.0	5.1	5.1	5.1	5.1	6.8	10.1	14.9	21.9
32.5°	0.0	3.1	4.2	5.1	5.1	5.1	5.2	7.5	12.0	18.0	27.1
30°	0.0	3.3	4.4	5.1	5.1	5.1	5.8	8.4	14.1	21.0	32.8
27.5°	0.0	3.5	4.6	5.1	5.1	5.1	6.3	10.1	16.3	23.9	39.0
25°	0.0	3.6	4.7	5.1	5.1	5.1	6.9	11.7	18.7	28.1	45.5
22.5°	0.0	3.8	4.8	5.1	5.1	5.2	7.5	13.3	21.0	33.2	53.3
20°	0.0	4.0	4.9	5.1	5.1	5.6	8.2	15.0	23.2	38.4	60.5
17.5°	0.0	4.1	5.0	5.1	5.1	6.0	9.1	16.5	25.2	43.6	67.0
15°	0.0	4.3	5.0	5.1	5.1	6.5	10.1	18.1	27.1	48.8	72.9
12.5°	0.0	4.4	5.0	5.1	5.1	7.1	11.1	19.7	29.7	53.8	78.2
10°	0.0	4.6	5.1	5.1	5.1	7.7	12.0	21.1	33.0	58.4	82.9
7.5°	0.0	4.7	5.1	5.1	5.1	8.3	12.9	22.4	36.3	62.4	87.0
5°	0.0	4.9	5.1	5.1	5.1	8.9	13.7	23.5	39.6	65.8	90.7
2.5°	0.0	5.0	5.1	5.1	5.1	9.5	14.5	24.5	42.8	68.7	93.8
0°	0.0	5.1	5.1	5.1	5.1	10.1	15.2	25.4	45.7	71.0	96.4
-2.5°	0.0	5.1	5.1	5.1	5.5	10.6	16.5	26.9	48.3	72.9	99.7
-5°	0.0	5.1	5.1	5.1	6.0	11.1	17.8	28.3	50.5	74.4	102.3
-7.5°	0.0	5.1	5.1	5.1	6.4	11.6	18.9	29.5	52.3	75.5	104.4
-10°	0.0	5.0	5.1	5.1	6.7	12.0	19.9	30.6	53.7	76.3	105.6
-12.5°	0.0	5.0	5.1	5.1	7.1	12.3	20.7	31.6	54.5	77.1	107.6
-15°	0.0	4.9	5.1	5.1	7.4	12.6	21.4	32.3	54.7	78.6	109.4
-17.5°	0.0	4.9	5.1	5.1	7.6	12.8	21.8	33.1	54.3	79.4	110.3
-20°	0.0	4.8	5.1	5.1	7.7	13.0	22.1	33.8	53.5	79.4	110.1

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CATALOG NUMBER: GFLD-SA3E-740-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	4.7	5.1	5.1	7.8	13.1	22.4	34.2	52.3	78.5	108.9
-25°	0.0	4.6	5.1	5.1	7.8	13.4	22.5	34.4	50.7	76.7	106.5
-27.5°	0.0	4.5	5.1	5.1	7.6	13.8	22.5	34.3	48.7	74.1	104.2
-30°	0.0	4.4	5.1	5.1	7.4	14.0	22.4	33.9	47.6	71.4	100.7
-32.5°	0.0	4.3	5.1	5.1	7.4	14.1	22.1	33.5	47.0	68.2	95.9
-35°	0.0	4.2	5.1	5.1	7.3	14.1	22.1	33.0	46.1	64.6	89.8
-37.5°	0.0	4.0	5.1	5.1	7.2	13.9	22.0	32.4	44.8	60.5	86.4
-40°	0.0	3.9	5.1	5.1	6.9	13.7	21.7	31.6	43.1	57.9	83.2
-42.5°	0.0	3.8	5.1	5.2	6.9	13.2	21.2	30.7	41.7	56.7	79.2
-45°	0.0	3.6	5.1	5.3	7.0	12.7	20.6	29.8	40.4	55.0	74.9
-47.5°	0.0	3.4	5.1	5.4	7.2	12.1	19.8	28.8	39.1	52.6	72.0
-50°	0.0	3.3	5.1	5.5	7.2	11.3	18.8	27.5	37.6	50.6	68.3
-52.5°	0.0	3.1	5.1	5.5	7.2	10.3	17.6	26.0	35.7	47.8	63.9
-55°	0.0	2.9	5.1	5.5	7.2	10.0	16.2	24.3	33.6	44.2	59.2
-57.5°	0.0	2.7	5.1	5.5	7.1	9.8	14.7	22.4	31.2	41.0	53.6
-60°	0.0	2.5	5.1	5.5	6.9	9.5	13.1	20.2	28.5	37.8	48.0
-62.5°	0.0	2.4	4.7	5.4	6.7	9.1	12.5	17.9	25.5	34.2	43.7
-65°	0.0	2.2	4.3	5.3	6.5	8.6	11.7	15.7	22.4	30.3	39.1
-67.5°	0.0	2.0	3.9	5.2	6.2	8.1	10.8	14.4	19.0	26.1	34.0
-70°	0.0	1.7	3.5	5.1	5.9	7.5	9.8	13.0	16.9	21.7	28.7
-72.5°	0.0	1.5	3.1	4.6	5.5	6.8	8.8	11.4	14.8	18.9	23.6
-75°	0.0	1.3	2.6	3.9	5.2	6.1	7.7	10.0	12.6	15.9	19.8
-77.5°	0.0	1.1	2.2	3.3	4.4	5.4	6.5	8.6	10.9	13.2	15.9
-80°	0.0	0.9	1.8	2.6	3.5	4.4	5.2	7.2	9.3	11.4	13.4
-82.5°	0.0	0.7	1.3	2.0	2.6	3.3	3.9	5.7	7.6	9.5	11.4
-85°	0.0	0.4	0.9	1.3	1.8	2.2	2.6	3.8	5.2	6.7	8.5
-87.5°	0.0	0.2	0.4	0.7	0.9	1.1	1.3	1.9	2.6	3.4	4.3
-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°	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	0.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0
67.5°	0.3	1.5	1.7	1.1	0.0	0.0	0.0	0.3	0.0	0.0	0.0
65°	2.5	3.3	2.5	1.3	0.1	1.2	1.7	1.4	0.2	0.0	0.0
62.5°	4.7	4.0	2.8	2.1	2.9	3.9	3.0	1.7	0.5	2.4	3.5
60°	5.1	4.3	3.6	4.0	5.2	4.6	3.3	4.9	7.4	9.3	11.3
57.5°	5.1	4.7	4.6	5.5	5.8	5.8	8.9	11.9	16.8	20.9	23.7
55°	5.2	5.0	5.8	6.9	8.5	12.1	16.6	23.4	28.8	37.2	44.3
52.5°	5.8	5.8	7.7	10.4	15.3	20.9	28.8	38.4	49.2	57.4	66.0
50°	6.6	8.5	10.8	17.4	24.2	33.0	45.9	59.9	69.0	78.2	90.6
47.5°	9.0	11.5	17.8	25.5	35.3	49.3	67.1	77.2	86.2	100.6	116.0
45°	12.2	17.3	25.1	35.6	49.2	68.8	82.8	91.0	106.7	123.4	141.0
42.5°	15.5	23.8	34.5	45.6	66.9	85.6	98.3	111.3	127.2	146.6	165.7
40°	21.1	30.3	44.8	62.2	83.9	102.1	118.0	133.1	148.6	174.1	194.3
37.5°	26.7	40.2	56.5	78.1	100.7	120.6	138.4	157.2	179.4	208.1	226.4
35°	32.2	50.3	70.4	93.4	117.3	139.8	161.2	183.2	212.0	239.2	261.0
32.5°	39.9	60.8	83.3	108.2	132.8	158.3	184.3	210.6	238.9	266.8	295.2
30°	49.5	71.9	95.6	122.3	147.1	176.6	206.6	234.5	263.1	292.4	324.6
27.5°	59.2	82.3	108.0	134.9	161.0	194.5	227.0	256.1	285.3	316.9	353.6
25°	68.2	92.8	119.6	146.2	176.8	212.8	248.3	281.9	306.7	342.6	385.6
22.5°	76.8	103.0	131.8	156.3	192.0	231.2	272.5	308.7	338.0	370.1	418.8
20°	85.4	113.6	143.3	170.7	207.2	249.4	298.4	335.8	372.1	413.5	463.3
17.5°	93.5	123.4	154.6	187.1	225.7	269.4	325.0	363.1	406.5	456.0	518.7
15°	101.2	132.5	166.0	202.5	242.4	289.4	343.0	390.6	442.5	499.6	573.7
12.5°	108.4	140.8	177.2	216.7	257.1	306.6	358.1	408.7	468.5	543.2	636.4
10°	115.0	148.3	188.0	229.7	269.8	321.1	371.5	424.1	487.2	569.2	676.0
7.5°	120.4	155.9	198.3	241.5	280.8	333.1	383.0	436.8	502.8	590.8	702.6
5°	125.0	163.9	207.9	249.1	290.0	343.4	392.7	446.8	515.2	607.6	721.6
2.5°	128.9	171.2	216.2	254.6	297.8	352.9	400.3	457.9	527.9	620.7	739.4
0°	131.9	177.6	223.3	258.8	304.4	360.3	405.9	466.8	537.9	629.2	756.0
-2.5°	138.1	182.9	227.5	263.6	311.4	361.5	409.6	468.1	541.6	635.8	759.1
-5°	143.2	187.1	230.6	267.3	316.6	361.3	411.2	467.0	542.9	639.5	764.7
-7.5°	147.2	190.4	232.7	270.1	319.4	363.0	413.5	470.7	546.9	643.0	771.9
-10°	149.8	192.8	234.3	273.7	320.2	364.7	414.4	471.5	546.2	640.8	767.9
-12.5°	151.2	194.2	235.1	275.7	320.0	364.6	413.2	469.2	540.6	632.7	752.2
-15°	151.6	194.7	235.0	275.9	319.2	362.4	409.9	463.9	530.6	619.2	727.6
-17.5°	151.1	194.4	234.1	274.2	318.1	358.2	404.9	456.7	520.4	603.2	707.6
-20°	149.8	193.4	232.3	270.6	316.4	354.4	399.8	449.9	509.8	584.8	678.2

Classified

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

Scaled Data Report



REPORT NUMBER: P627288 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA3E-740-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°	147.7	191.6	229.8	266.9	310.8	350.8	393.2	441.0	494.6	562.5	645.4
-25°	145.3	188.0	226.6	264.0	304.4	345.3	384.9	430.4	479.6	544.8	619.5
-27.5°	142.0	183.6	222.2	260.1	297.6	337.9	376.6	419.5	468.3	525.8	592.5
-30°	137.3	177.4	216.0	254.7	291.7	329.5	366.9	407.8	453.8	508.0	569.6
-32.5°	131.4	170.6	208.3	246.5	285.0	321.1	356.3	395.6	438.8	486.3	545.0
-35°	125.4	163.1	199.9	236.3	276.9	311.7	345.6	381.7	421.9	466.1	513.8
-37.5°	119.8	155.1	191.0	225.4	263.8	300.1	333.1	367.3	404.5	445.1	488.4
-40°	113.7	146.6	181.6	215.2	248.9	285.9	318.8	351.8	386.2	426.8	465.4
-42.5°	107.4	139.4	171.8	204.7	236.8	269.9	302.8	334.5	370.7	409.2	447.1
-45°	102.1	131.8	161.9	193.8	225.6	255.5	286.3	315.9	352.7	391.2	428.2
-47.5°	96.0	124.1	153.3	182.2	213.3	243.2	271.0	300.9	332.2	368.5	407.4
-50°	89.6	116.3	143.2	170.4	199.9	229.8	257.9	285.6	315.1	345.0	378.5
-52.5°	84.2	107.5	132.4	157.4	185.3	214.5	242.9	270.7	297.8	325.9	354.5
-55°	77.8	99.1	121.2	144.5	169.0	197.0	225.1	252.2	279.9	306.1	334.1
-57.5°	70.6	89.8	109.9	131.8	154.0	177.0	204.3	231.2	257.3	283.8	312.7
-60°	62.6	79.7	97.9	118.1	139.8	160.8	183.0	207.9	233.0	258.2	284.9
-62.5°	54.2	69.1	85.5	103.2	123.1	143.7	163.9	185.2	207.8	229.7	252.8
-65°	48.7	59.1	72.9	88.7	105.0	123.5	142.6	162.2	182.1	200.7	218.5
-67.5°	42.7	52.2	62.4	73.9	88.8	104.4	119.7	137.2	155.0	172.1	188.8
-70°	36.5	44.8	53.9	63.5	74.0	86.8	101.1	115.2	128.9	143.2	158.6
-72.5°	29.9	37.2	45.0	53.3	62.3	72.4	83.4	95.5	107.7	119.5	131.5
-75°	24.5	29.3	35.7	42.8	50.6	58.5	66.5	75.9	86.3	96.7	106.8
-77.5°	20.2	24.6	29.0	33.4	38.9	46.1	53.2	60.2	67.4	75.3	83.6
-80°	16.4	19.9	23.9	27.9	31.7	36.0	41.0	46.5	51.6	56.8	62.5
-82.5°	13.7	16.3	19.2	22.3	24.5	26.8	29.4	32.6	36.0	39.5	43.2
-85°	10.5	12.6	14.5	16.6	17.7	18.8	20.1	21.5	23.6	25.8	27.9
-87.5°	5.2	6.3	7.5	8.7	9.3	9.8	10.3	10.7	12.1	13.6	15.1
-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: P627288 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA3E-740-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	0.9	1.3	1.1	0.5	0.0	0.0
62.5°	3.0	2.4	3.9	5.2	5.8	5.6	5.2	4.6	3.9	3.7	4.2
60°	12.2	11.9	16.6	18.9	17.2	12.1	19.1	22.6	21.7	18.6	18.5
57.5°	29.8	36.2	40.8	42.9	49.6	60.5	62.6	59.0	57.7	58.8	67.9
55°	51.6	56.8	59.5	68.7	76.8	82.8	86.3	89.8	95.0	101.3	107.9
52.5°	73.0	80.1	85.5	93.8	103.6	107.0	106.1	118.6	128.4	134.7	137.2
50°	100.2	109.1	121.7	134.6	140.3	145.7	151.5	161.8	176.8	195.5	206.2
47.5°	129.6	143.6	156.8	171.6	179.0	184.8	193.4	211.4	232.8	252.9	263.4
45°	156.0	168.5	183.6	196.4	205.6	216.8	229.3	245.5	269.4	290.5	305.0
42.5°	177.3	191.3	206.9	222.3	231.6	246.8	265.7	287.8	312.8	334.7	350.9
40°	207.1	218.9	243.7	258.4	262.1	276.2	314.1	344.3	372.6	399.5	413.0
37.5°	243.0	266.1	291.9	305.2	318.3	343.2	394.0	442.7	478.8	515.3	535.2
35°	283.8	314.3	349.4	365.1	393.2	447.5	507.2	574.9	659.3	694.6	726.8
32.5°	323.6	357.6	390.0	425.3	474.3	539.2	606.4	716.3	819.0	898.4	956.5
30°	358.8	394.9	435.1	480.5	549.6	639.0	751.3	893.5	1038.1	1164.4	1271.2
27.5°	393.6	434.7	482.5	550.1	647.4	768.9	948.1	1150.9	1392.5	1570.4	1782.8
25°	431.8	478.7	540.1	638.1	769.3	951.0	1237.6	1567.0	1963.0	2284.0	2620.0
22.5°	477.0	546.2	624.0	733.4	962.5	1261.9	1653.4	2216.4	2825.5	3388.7	3931.0
20°	531.5	626.2	751.1	952.4	1246.6	1689.2	2369.4	3268.0	4163.8	5117.8	6036.1
17.5°	609.4	745.9	939.9	1226.4	1614.2	2489.6	3593.3	4983.1	6768.6	8386.6	9799.3
15°	682.4	845.6	1151.9	1580.1	2256.5	3416.8	5093.1	7387.0	10169.6	12705.6	15384.1
12.5°	759.1	951.7	1303.5	1848.8	2788.5	4299.1	6654.9	9798.0	13282.3	17104.4	21457.9
10°	819.8	1053.7	1475.0	2166.3	3324.6	5205.7	8011.8	11823.7	16453.9	22110.3	29069.7
7.5°	860.8	1135.4	1616.6	2398.7	3818.3	6133.0	9511.0	14092.6	19881.2	27374.8	37112.9
5°	892.8	1197.8	1723.0	2610.7	4235.8	6840.8	10621.8	16079.6	22927.1	32967.2	49470.4
2.5°	918.5	1245.6	1788.9	2756.6	4497.9	7333.7	11366.9	17203.7	24740.3	37101.8	58512.5
0°	938.7	1288.8	1831.8	2846.6	4698.7	7382.9	11599.5	17409.4	25391.0	37848.1	60458.5
-2.5°	947.3	1311.9	1846.6	2866.4	4678.6	7467.5	11670.5	17573.7	25366.6	37439.2	58285.2
-5°	961.5	1311.6	1835.4	2846.2	4573.7	7248.8	11207.0	16654.2	23836.3	34219.2	51297.9
-7.5°	971.8	1290.7	1782.3	2717.2	4299.1	6775.8	10392.6	15130.8	21051.0	28934.5	39511.9
-10°	962.4	1250.5	1693.7	2500.9	3872.2	6017.2	9154.2	13119.6	18039.8	23882.2	31068.7
-12.5°	926.2	1176.4	1549.1	2197.9	3319.3	5167.3	7908.2	11284.4	14926.2	19029.2	23995.3
-15°	880.4	1096.5	1418.9	1990.0	2909.5	4325.0	6326.1	9065.0	11986.4	15101.6	18423.7
-17.5°	844.8	1026.4	1293.3	1706.8	2383.0	3508.6	5081.1	7026.8	9173.6	11545.4	13514.0
-20°	796.5	940.0	1164.0	1501.7	2017.7	2763.4	3908.7	5322.2	6738.8	8406.5	9766.4

Classified

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

Scaled Data Report



REPORT NUMBER: P627288 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA3E-740-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°	748.2	873.2	1043.6	1290.7	1674.7	2238.0	2945.6	3889.5	4925.5	5882.6	6824.9
-25°	703.3	799.6	937.5	1140.2	1400.6	1785.1	2288.7	2830.1	3513.0	4095.7	4742.3
-27.5°	666.9	749.6	851.4	1000.0	1202.1	1449.4	1810.1	2172.9	2531.9	2826.0	3271.2
-30°	631.8	698.4	783.5	889.5	1041.0	1231.6	1465.7	1701.1	1908.3	2097.3	2329.1
-32.5°	597.4	651.6	716.8	804.8	913.5	1056.8	1200.7	1369.3	1513.4	1646.3	1769.4
-35°	562.9	611.1	660.8	735.0	821.7	923.4	1028.0	1142.3	1242.1	1331.6	1410.8
-37.5°	531.7	574.1	620.8	676.0	745.9	822.5	907.9	990.9	1056.8	1114.9	1162.9
-40°	505.4	544.0	584.0	628.1	681.3	741.8	814.3	883.5	929.6	965.1	994.2
-42.5°	481.9	515.8	550.0	587.5	628.2	680.6	737.9	795.0	826.3	853.7	874.8
-45°	463.1	489.1	517.8	549.8	586.0	629.8	674.8	714.3	742.1	765.8	783.3
-47.5°	438.1	463.2	488.0	514.5	548.2	584.7	621.9	652.3	676.6	697.2	710.6
-50°	410.7	437.0	459.8	483.0	514.0	545.0	575.0	600.0	623.2	643.4	654.0
-52.5°	382.2	410.6	434.4	457.1	483.1	510.2	537.2	558.7	578.9	597.9	606.0
-55°	361.8	387.8	412.6	433.9	455.3	476.9	499.0	521.3	541.4	559.4	564.8
-57.5°	339.7	366.2	390.6	409.8	429.2	448.7	468.9	489.0	508.3	525.6	530.0
-60°	312.7	341.5	363.1	381.3	400.1	419.4	436.9	454.8	472.9	488.0	492.8
-62.5°	278.4	304.6	326.0	345.1	363.3	380.0	397.1	413.9	430.1	442.0	445.9
-65°	237.3	259.6	281.7	301.6	319.5	335.7	351.5	366.7	381.5	392.0	397.2
-67.5°	204.9	221.0	238.7	255.8	273.8	290.5	304.7	318.1	330.8	339.7	345.2
-70°	173.6	188.9	205.5	221.9	237.5	251.0	262.4	273.5	284.2	292.1	298.0
-72.5°	143.7	156.7	170.5	184.9	199.2	211.4	221.9	231.8	241.1	247.8	253.3
-75°	116.7	127.4	139.1	150.8	162.4	172.0	180.7	189.3	197.5	203.5	208.5
-77.5°	92.6	101.6	110.8	119.9	129.1	136.1	142.5	148.8	154.9	159.6	163.9
-80°	68.6	75.7	83.0	90.3	97.6	102.9	107.8	112.4	116.7	119.5	121.9
-82.5°	46.9	51.8	57.0	62.1	67.3	71.2	75.1	78.8	82.5	83.8	84.8
-85°	29.9	32.4	35.1	37.9	40.9	43.0	45.1	47.1	48.9	50.7	52.4
-87.5°	16.6	17.1	17.6	18.0	18.4	19.9	21.5	23.0	24.5	24.8	25.0
-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: P627288 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA3E-740-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°	4.6	4.9	5.0	5.1	5.0	4.9	4.6	4.2	3.7	3.9	4.6
60°	17.4	15.4	15.1	15.2	15.1	15.4	17.4	18.5	18.6	21.7	22.6
57.5°	77.2	85.8	88.2	86.3	88.2	85.8	77.2	67.9	58.8	57.7	59.0
55°	112.4	115.0	116.3	116.7	116.3	115.0	112.4	107.9	101.3	95.0	89.8
52.5°	137.8	136.9	136.7	137.0	136.7	136.9	137.8	137.2	134.7	128.4	118.6
50°	207.1	203.3	201.8	203.0	201.8	203.3	207.1	206.2	195.5	176.8	161.8
47.5°	264.7	265.8	267.6	268.9	267.6	265.8	264.7	263.4	252.9	232.8	211.4
45°	309.1	311.8	313.6	314.6	313.6	311.8	309.1	305.0	290.5	269.4	245.5
42.5°	354.4	354.7	354.2	355.2	354.2	354.7	354.4	350.9	334.7	312.8	287.8
40°	418.4	419.8	418.4	416.1	418.4	419.8	418.4	413.0	399.5	372.6	344.3
37.5°	546.8	548.7	542.6	537.9	542.6	548.7	546.8	535.2	515.3	478.8	442.7
35°	756.2	777.9	788.2	791.6	788.2	777.9	756.2	726.8	694.6	659.3	574.9
32.5°	996.7	1026.8	1042.0	1055.4	1042.0	1026.8	996.7	956.5	898.4	819.0	716.3
30°	1341.3	1396.9	1421.5	1456.3	1421.5	1396.9	1341.3	1271.2	1164.4	1038.1	893.5
27.5°	1903.4	2001.3	2055.5	2105.8	2055.5	2001.3	1903.4	1782.8	1570.4	1392.5	1150.9
25°	2864.2	3052.6	3174.7	3232.2	3174.7	3052.6	2864.2	2620.0	2284.0	1963.0	1567.0
22.5°	4455.7	4803.2	5071.2	5124.9	5071.2	4803.2	4455.7	3931.0	3388.7	2825.5	2216.4
20°	6927.1	7424.2	7828.7	8032.4	7828.7	7424.2	6927.1	6036.1	5117.8	4163.8	3268.0
17.5°	11481.9	12516.0	12988.4	13065.9	12988.4	12516.0	11481.9	9799.3	8386.6	6768.6	4983.1
15°	18258.1	20008.0	21118.8	21834.1	21118.8	20008.0	18258.1	15384.1	12705.6	10169.6	7387.0
12.5°	25989.7	30961.7	33790.9	34869.5	33790.9	30961.7	25989.7	21457.9	17104.4	13282.3	9798.0
10°	36483.0	48188.0	54939.9	58337.5	54939.9	48188.0	36483.0	29069.7	22110.3	16453.9	11823.7
7.5°	54292.8	72371.2	92401.4	101668.2	92401.4	72371.2	54292.8	37112.9	27374.8	19881.2	14092.6
5°	73015.1	112707.9	147546.8	164229.9	147546.8	112707.9	73015.1	49470.4	32967.2	22927.1	16079.6
2.5°	94533.3	148063.0	197555.5	218366.0	197555.5	148063.0	94533.3	58512.5	37101.8	24740.3	17203.7
0°	102815.0	165168.6	219297.0	239723.1	219297.0	165168.6	102815.0	60458.5	37848.1	25391.0	17409.4
-2.5°	95813.6	150656.3	198405.8	221745.3	198405.8	150656.3	95813.6	58285.2	37439.2	25366.6	17573.7
-5°	76128.8	113329.2	148692.3	167710.8	148692.3	113329.2	76128.8	51297.9	34219.2	23836.3	16654.2
-7.5°	55873.9	76125.3	95764.7	102632.3	95764.7	76125.3	55873.9	39511.9	28934.5	21051.0	15130.8
-10°	38900.5	50497.2	58152.2	60336.7	58152.2	50497.2	38900.5	31068.7	23882.2	18039.8	13119.6
-12.5°	28840.8	33913.2	37442.4	38056.1	37442.4	33913.2	28840.8	23995.3	19029.2	14926.2	11284.4
-15°	21355.9	23935.4	25755.7	25878.2	25755.7	23935.4	21355.9	18423.7	15101.6	11986.4	9065.0
-17.5°	15611.3	17342.7	18261.3	18195.9	18261.3	17342.7	15611.3	13514.0	11545.4	9173.6	7026.8
-20°	11162.9	12206.7	12946.8	12802.1	12946.8	12206.7	11162.9	9766.4	8406.5	6738.8	5322.2



REPORT NUMBER: P627288 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA3E-740-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°	7783.6	8476.4	8910.1	8798.6	8910.1	8476.4	7783.6	6824.9	5882.6	4925.5	3889.5
-25°	5288.9	5666.4	5881.2	5845.4	5881.2	5666.4	5288.9	4742.3	4095.7	3513.0	2830.1
-27.5°	3604.1	3803.5	3870.0	3866.5	3870.0	3803.5	3604.1	3271.2	2826.0	2531.9	2172.9
-30°	2501.5	2635.5	2712.1	2663.9	2712.1	2635.5	2501.5	2329.1	2097.3	1908.3	1701.1
-32.5°	1864.4	1940.0	1983.7	1938.3	1983.7	1940.0	1864.4	1769.4	1646.3	1513.4	1369.3
-35°	1469.3	1507.6	1523.0	1496.9	1523.0	1507.6	1469.3	1410.8	1331.6	1242.1	1142.3
-37.5°	1197.9	1220.3	1227.9	1212.7	1227.9	1220.3	1197.9	1162.9	1114.9	1056.8	990.9
-40°	1015.0	1028.8	1032.2	1019.9	1032.2	1028.8	1015.0	994.2	965.1	929.6	883.5
-42.5°	888.1	896.3	898.3	893.1	898.3	896.3	888.1	874.8	853.7	826.3	795.0
-45°	793.8	800.8	802.1	796.6	802.1	800.8	793.8	783.3	765.8	742.1	714.3
-47.5°	717.3	721.6	722.7	720.5	722.7	721.6	717.3	710.6	697.2	676.6	652.3
-50°	658.8	661.8	662.0	659.6	662.0	661.8	658.8	654.0	643.4	623.2	600.0
-52.5°	609.8	611.9	613.3	614.0	613.3	611.9	609.8	606.0	597.9	578.9	558.7
-55°	568.5	571.2	572.9	573.4	572.9	571.2	568.5	564.8	559.4	541.4	521.3
-57.5°	533.5	535.9	537.4	537.9	537.4	535.9	533.5	530.0	525.6	508.3	489.0
-60°	496.8	499.8	501.7	502.3	501.7	499.8	496.8	492.8	488.0	472.9	454.8
-62.5°	448.5	449.8	451.1	451.6	451.1	449.8	448.5	445.9	442.0	430.1	413.9
-65°	401.1	403.8	405.4	405.9	405.4	403.8	401.1	397.2	392.0	381.5	366.7
-67.5°	349.8	353.3	357.1	360.3	357.1	353.3	349.8	345.2	339.7	330.8	318.1
-70°	303.2	307.7	309.2	309.5	309.2	307.7	303.2	298.0	292.1	284.2	273.5
-72.5°	258.2	262.4	265.9	268.9	265.9	262.4	258.2	253.3	247.8	241.1	231.8
-75°	213.0	217.0	217.9	218.2	217.9	217.0	213.0	208.5	203.5	197.5	189.3
-77.5°	167.9	171.5	172.3	172.5	172.3	171.5	167.9	163.9	159.6	154.9	148.8
-80°	124.2	126.2	129.2	131.9	129.2	126.2	124.2	121.9	119.5	116.7	112.4
-82.5°	85.5	85.9	86.2	86.3	86.2	85.9	85.5	84.8	83.8	82.5	78.8
-85°	54.0	55.6	55.7	55.8	55.7	55.6	54.0	52.4	50.7	48.9	47.1
-87.5°	25.2	25.3	25.4	25.4	25.4	25.3	25.2	25.0	24.8	24.5	23.0
-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: P627288 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA3E-740-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	0.9	0.1	0.0	0.0	0.0	0.3	0.0	0.0	0.2	1.4
62.5°	5.2	5.6	5.8	5.2	3.9	2.4	3.0	3.5	2.4	0.5	1.7
60°	19.1	12.1	17.2	18.9	16.6	11.9	12.2	11.3	9.3	7.4	4.9
57.5°	62.6	60.5	49.6	42.9	40.8	36.2	29.8	23.7	20.9	16.8	11.9
55°	86.3	82.8	76.8	68.7	59.5	56.8	51.6	44.3	37.2	28.8	23.4
52.5°	106.1	107.0	103.6	93.8	85.5	80.1	73.0	66.0	57.4	49.2	38.4
50°	151.5	145.7	140.3	134.6	121.7	109.1	100.2	90.6	78.2	69.0	59.9
47.5°	193.4	184.8	179.0	171.6	156.8	143.6	129.6	116.0	100.6	86.2	77.2
45°	229.3	216.8	205.6	196.4	183.6	168.5	156.0	141.0	123.4	106.7	91.0
42.5°	265.7	246.8	231.6	222.3	206.9	191.3	177.3	165.7	146.6	127.2	111.3
40°	314.1	276.2	262.1	258.4	243.7	218.9	207.1	194.3	174.1	148.6	133.1
37.5°	394.0	343.2	318.3	305.2	291.9	266.1	243.0	226.4	208.1	179.4	157.2
35°	507.2	447.5	393.2	365.1	349.4	314.3	283.8	261.0	239.2	212.0	183.2
32.5°	606.4	539.2	474.3	425.3	390.0	357.6	323.6	295.2	266.8	238.9	210.6
30°	751.3	639.0	549.6	480.5	435.1	394.9	358.8	324.6	292.4	263.1	234.5
27.5°	948.1	768.9	647.4	550.1	482.5	434.7	393.6	353.6	316.9	285.3	256.1
25°	1237.6	951.0	769.3	638.1	540.1	478.7	431.8	385.6	342.6	306.7	281.9
22.5°	1653.4	1261.9	962.5	733.4	624.0	546.2	477.0	418.8	370.1	338.0	308.7
20°	2369.4	1689.2	1246.6	952.4	751.1	626.2	531.5	463.3	413.5	372.1	335.8
17.5°	3593.3	2489.6	1614.2	1226.4	939.9	745.9	609.4	518.7	456.0	406.5	363.1
15°	5093.1	3416.8	2256.5	1580.1	1151.9	845.6	682.4	573.7	499.6	442.5	390.6
12.5°	6654.9	4299.1	2788.5	1848.8	1303.5	951.7	759.1	636.4	543.2	468.5	408.7
10°	8011.8	5205.7	3324.6	2166.3	1475.0	1053.7	819.8	676.0	569.2	487.2	424.1
7.5°	9511.0	6133.0	3818.3	2398.7	1616.6	1135.4	860.8	702.6	590.8	502.8	436.8
5°	10621.8	6840.8	4235.8	2610.7	1723.0	1197.8	892.8	721.6	607.6	515.2	446.8
2.5°	11366.9	7333.7	4497.9	2756.6	1788.9	1245.6	918.5	739.4	620.7	527.9	457.9
0°	11599.5	7382.9	4698.7	2846.6	1831.8	1288.8	938.7	756.0	629.2	537.9	466.8
-2.5°	11670.5	7467.5	4678.6	2866.4	1846.6	1311.9	947.3	759.1	635.8	541.6	468.1
-5°	11207.0	7248.8	4573.7	2846.2	1835.4	1311.6	961.5	764.7	639.5	542.9	467.0
-7.5°	10392.6	6775.8	4299.1	2717.2	1782.3	1290.7	971.8	771.9	643.0	546.9	470.7
-10°	9154.2	6017.2	3872.2	2500.9	1693.7	1250.5	962.4	767.9	640.8	546.2	471.5
-12.5°	7908.2	5167.3	3319.3	2197.9	1549.1	1176.4	926.2	752.2	632.7	540.6	469.2
-15°	6326.1	4325.0	2909.5	1990.0	1418.9	1096.5	880.4	727.6	619.2	530.6	463.9
-17.5°	5081.1	3508.6	2383.0	1706.8	1293.3	1026.4	844.8	707.6	603.2	520.4	456.7
-20°	3908.7	2763.4	2017.7	1501.7	1164.0	940.0	796.5	678.2	584.8	509.8	449.9



REPORT NUMBER: P627288 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA3E-740-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°	2945.6	2238.0	1674.7	1290.7	1043.6	873.2	748.2	645.4	562.5	494.6	441.0
-25°	2288.7	1785.1	1400.6	1140.2	937.5	799.6	703.3	619.5	544.8	479.6	430.4
-27.5°	1810.1	1449.4	1202.1	1000.0	851.4	749.6	666.9	592.5	525.8	468.3	419.5
-30°	1465.7	1231.6	1041.0	889.5	783.5	698.4	631.8	569.6	508.0	453.8	407.8
-32.5°	1200.7	1056.8	913.5	804.8	716.8	651.6	597.4	545.0	486.3	438.8	395.6
-35°	1028.0	923.4	821.7	735.0	660.8	611.1	562.9	513.8	466.1	421.9	381.7
-37.5°	907.9	822.5	745.9	676.0	620.8	574.1	531.7	488.4	445.1	404.5	367.3
-40°	814.3	741.8	681.3	628.1	584.0	544.0	505.4	465.4	426.8	386.2	351.8
-42.5°	737.9	680.6	628.2	587.5	550.0	515.8	481.9	447.1	409.2	370.7	334.5
-45°	674.8	629.8	586.0	549.8	517.8	489.1	463.1	428.2	391.2	352.7	315.9
-47.5°	621.9	584.7	548.2	514.5	488.0	463.2	438.1	407.4	368.5	332.2	300.9
-50°	575.0	545.0	514.0	483.0	459.8	437.0	410.7	378.5	345.0	315.1	285.6
-52.5°	537.2	510.2	483.1	457.1	434.4	410.6	382.2	354.5	325.9	297.8	270.7
-55°	499.0	476.9	455.3	433.9	412.6	387.8	361.8	334.1	306.1	279.9	252.2
-57.5°	468.9	448.7	429.2	409.8	390.6	366.2	339.7	312.7	283.8	257.3	231.2
-60°	436.9	419.4	400.1	381.3	363.1	341.5	312.7	284.9	258.2	233.0	207.9
-62.5°	397.1	380.0	363.3	345.1	326.0	304.6	278.4	252.8	229.7	207.8	185.2
-65°	351.5	335.7	319.5	301.6	281.7	259.6	237.3	218.5	200.7	182.1	162.2
-67.5°	304.7	290.5	273.8	255.8	238.7	221.0	204.9	188.8	172.1	155.0	137.2
-70°	262.4	251.0	237.5	221.9	205.5	188.9	173.6	158.6	143.2	128.9	115.2
-72.5°	221.9	211.4	199.2	184.9	170.5	156.7	143.7	131.5	119.5	107.7	95.5
-75°	180.7	172.0	162.4	150.8	139.1	127.4	116.7	106.8	96.7	86.3	75.9
-77.5°	142.5	136.1	129.1	119.9	110.8	101.6	92.6	83.6	75.3	67.4	60.2
-80°	107.8	102.9	97.6	90.3	83.0	75.7	68.6	62.5	56.8	51.6	46.5
-82.5°	75.1	71.2	67.3	62.1	57.0	51.8	46.9	43.2	39.5	36.0	32.6
-85°	45.1	43.0	40.9	37.9	35.1	32.4	29.9	27.9	25.8	23.6	21.5
-87.5°	21.5	19.9	18.4	18.0	17.6	17.1	16.6	15.1	13.6	12.1	10.7
-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: P627288 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA3E-740-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	0.4	0.1	0.0
72.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.5	1.1	1.1	0.3
70°	0.0	0.0	0.0	0.4	0.5	0.0	0.0	0.7	1.9	2.1	1.6
67.5°	0.0	0.0	0.0	1.1	1.7	1.5	0.3	0.9	2.1	3.3	2.9
65°	1.7	1.2	0.1	1.3	2.5	3.3	2.5	1.5	2.3	3.4	4.2
62.5°	3.0	3.9	2.9	2.1	2.8	4.0	4.7	3.2	2.6	3.6	4.8
60°	3.3	4.6	5.2	4.0	3.6	4.3	5.1	4.7	3.7	3.8	5.0
57.5°	8.9	5.8	5.8	5.5	4.6	4.7	5.1	5.1	4.5	4.3	5.1
55°	16.6	12.1	8.5	6.9	5.8	5.0	5.2	5.1	5.1	4.7	5.1
52.5°	28.8	20.9	15.3	10.4	7.7	5.8	5.8	5.1	5.1	5.0	5.1
50°	45.9	33.0	24.2	17.4	10.8	8.5	6.6	5.9	5.1	5.1	5.1
47.5°	67.1	49.3	35.3	25.5	17.8	11.5	9.0	7.0	5.1	5.1	5.1
45°	82.8	68.8	49.2	35.6	25.1	17.3	12.2	8.3	6.3	5.3	5.1
42.5°	98.3	85.6	66.9	45.6	34.5	23.8	15.5	11.2	7.7	5.6	5.3
40°	118.0	102.1	83.9	62.2	44.8	30.3	21.1	14.4	9.3	6.5	5.7
37.5°	138.4	120.6	100.7	78.1	56.5	40.2	26.7	17.8	11.7	8.2	6.2
35°	161.2	139.8	117.3	93.4	70.4	50.3	32.2	21.9	14.9	10.1	6.8
32.5°	184.3	158.3	132.8	108.2	83.3	60.8	39.9	27.1	18.0	12.0	7.5
30°	206.6	176.6	147.1	122.3	95.6	71.9	49.5	32.8	21.0	14.1	8.4
27.5°	227.0	194.5	161.0	134.9	108.0	82.3	59.2	39.0	23.9	16.3	10.1
25°	248.3	212.8	176.8	146.2	119.6	92.8	68.2	45.5	28.1	18.7	11.7
22.5°	272.5	231.2	192.0	156.3	131.8	103.0	76.8	53.3	33.2	21.0	13.3
20°	298.4	249.4	207.2	170.7	143.3	113.6	85.4	60.5	38.4	23.2	15.0
17.5°	325.0	269.4	225.7	187.1	154.6	123.4	93.5	67.0	43.6	25.2	16.5
15°	343.0	289.4	242.4	202.5	166.0	132.5	101.2	72.9	48.8	27.1	18.1
12.5°	358.1	306.6	257.1	216.7	177.2	140.8	108.4	78.2	53.8	29.7	19.7
10°	371.5	321.1	269.8	229.7	188.0	148.3	115.0	82.9	58.4	33.0	21.1
7.5°	383.0	333.1	280.8	241.5	198.3	155.9	120.4	87.0	62.4	36.3	22.4
5°	392.7	343.4	290.0	249.1	207.9	163.9	125.0	90.7	65.8	39.6	23.5
2.5°	400.3	352.9	297.8	254.6	216.2	171.2	128.9	93.8	68.7	42.8	24.5
0°	405.9	360.3	304.4	258.8	223.3	177.6	131.9	96.4	71.0	45.7	25.4
-2.5°	409.6	361.5	311.4	263.6	227.5	182.9	138.1	99.7	72.9	48.3	26.9
-5°	411.2	361.3	316.6	267.3	230.6	187.1	143.2	102.3	74.4	50.5	28.3
-7.5°	413.5	363.0	319.4	270.1	232.7	190.4	147.2	104.4	75.5	52.3	29.5
-10°	414.4	364.7	320.2	273.7	234.3	192.8	149.8	105.6	76.3	53.7	30.6
-12.5°	413.2	364.6	320.0	275.7	235.1	194.2	151.2	107.6	77.1	54.5	31.6
-15°	409.9	362.4	319.2	275.9	235.0	194.7	151.6	109.4	78.6	54.7	32.3
-17.5°	404.9	358.2	318.1	274.2	234.1	194.4	151.1	110.3	79.4	54.3	33.1
-20°	399.8	354.4	316.4	270.6	232.3	193.4	149.8	110.1	79.4	53.5	33.8

Classified

Cooper Lighting Solutions Photometric Lab
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Scaled Data Report



REPORT NUMBER: P627288 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA3E-740-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°	393.2	350.8	310.8	266.9	229.8	191.6	147.7	108.9	78.5	52.3	34.2
-25°	384.9	345.3	304.4	264.0	226.6	188.0	145.3	106.5	76.7	50.7	34.4
-27.5°	376.6	337.9	297.6	260.1	222.2	183.6	142.0	104.2	74.1	48.7	34.3
-30°	366.9	329.5	291.7	254.7	216.0	177.4	137.3	100.7	71.4	47.6	33.9
-32.5°	356.3	321.1	285.0	246.5	208.3	170.6	131.4	95.9	68.2	47.0	33.5
-35°	345.6	311.7	276.9	236.3	199.9	163.1	125.4	89.8	64.6	46.1	33.0
-37.5°	333.1	300.1	263.8	225.4	191.0	155.1	119.8	86.4	60.5	44.8	32.4
-40°	318.8	285.9	248.9	215.2	181.6	146.6	113.7	83.2	57.9	43.1	31.6
-42.5°	302.8	269.9	236.8	204.7	171.8	139.4	107.4	79.2	56.7	41.7	30.7
-45°	286.3	255.5	225.6	193.8	161.9	131.8	102.1	74.9	55.0	40.4	29.8
-47.5°	271.0	243.2	213.3	182.2	153.3	124.1	96.0	72.0	52.6	39.1	28.8
-50°	257.9	229.8	199.9	170.4	143.2	116.3	89.6	68.3	50.6	37.6	27.5
-52.5°	242.9	214.5	185.3	157.4	132.4	107.5	84.2	63.9	47.8	35.7	26.0
-55°	225.1	197.0	169.0	144.5	121.2	99.1	77.8	59.2	44.2	33.6	24.3
-57.5°	204.3	177.0	154.0	131.8	109.9	89.8	70.6	53.6	41.0	31.2	22.4
-60°	183.0	160.8	139.8	118.1	97.9	79.7	62.6	48.0	37.8	28.5	20.2
-62.5°	163.9	143.7	123.1	103.2	85.5	69.1	54.2	43.7	34.2	25.5	17.9
-65°	142.6	123.5	105.0	88.7	72.9	59.1	48.7	39.1	30.3	22.4	15.7
-67.5°	119.7	104.4	88.8	73.9	62.4	52.2	42.7	34.0	26.1	19.0	14.4
-70°	101.1	86.8	74.0	63.5	53.9	44.8	36.5	28.7	21.7	16.9	13.0
-72.5°	83.4	72.4	62.3	53.3	45.0	37.2	29.9	23.6	18.9	14.8	11.4
-75°	66.5	58.5	50.6	42.8	35.7	29.3	24.5	19.8	15.9	12.6	10.0
-77.5°	53.2	46.1	38.9	33.4	29.0	24.6	20.2	15.9	13.2	10.9	8.6
-80°	41.0	36.0	31.7	27.9	23.9	19.9	16.4	13.4	11.4	9.3	7.2
-82.5°	29.4	26.8	24.5	22.3	19.2	16.3	13.7	11.4	9.5	7.6	5.7
-85°	20.1	18.8	17.7	16.6	14.5	12.6	10.5	8.5	6.7	5.2	3.8
-87.5°	10.3	9.8	9.3	8.7	7.5	6.3	5.2	4.3	3.4	2.6	1.9
-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-740-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	0.4	0.0
77.5°	0.0	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	0.5	0.0	0.1	0.8	0.0
70°	0.6	1.2	1.0	0.1	0.2	0.9	0.0
67.5°	1.8	1.6	1.5	0.6	0.3	1.0	0.0
65°	2.9	2.2	2.1	1.1	0.4	1.2	0.0
62.5°	4.0	2.9	2.6	1.6	0.5	1.3	0.0
60°	5.0	3.6	3.2	2.2	0.7	1.4	0.0
57.5°	5.1	4.2	3.6	2.7	1.1	1.6	0.0
55°	5.1	4.7	3.9	3.2	1.5	1.7	0.0
52.5°	5.1	5.1	4.2	3.8	1.9	1.9	0.0
50°	5.1	5.1	4.5	4.4	2.3	2.0	0.0
47.5°	5.1	5.1	4.7	4.8	2.7	2.2	0.0
45°	5.1	5.1	4.9	5.0	3.0	2.3	0.0
42.5°	5.1	5.1	5.0	5.1	3.3	2.5	0.0
40°	5.1	5.1	5.1	5.1	3.6	2.7	0.0
37.5°	5.1	5.1	5.1	5.1	3.8	2.8	0.0
35°	5.1	5.1	5.1	5.1	4.0	3.0	0.0
32.5°	5.2	5.1	5.1	5.1	4.2	3.1	0.0
30°	5.8	5.1	5.1	5.1	4.4	3.3	0.0
27.5°	6.3	5.1	5.1	5.1	4.6	3.5	0.0
25°	6.9	5.1	5.1	5.1	4.7	3.6	0.0
22.5°	7.5	5.2	5.1	5.1	4.8	3.8	0.0
20°	8.2	5.6	5.1	5.1	4.9	4.0	0.0
17.5°	9.1	6.0	5.1	5.1	5.0	4.1	0.0
15°	10.1	6.5	5.1	5.1	5.0	4.3	0.0
12.5°	11.1	7.1	5.1	5.1	5.0	4.4	0.0
10°	12.0	7.7	5.1	5.1	5.1	4.6	0.0
7.5°	12.9	8.3	5.1	5.1	5.1	4.7	0.0
5°	13.7	8.9	5.1	5.1	5.1	4.9	0.0
2.5°	14.5	9.5	5.1	5.1	5.1	5.0	0.0
0°	15.2	10.1	5.1	5.1	5.1	5.1	0.0
-2.5°	16.5	10.6	5.5	5.1	5.1	5.1	0.0
-5°	17.8	11.1	6.0	5.1	5.1	5.1	0.0
-7.5°	18.9	11.6	6.4	5.1	5.1	5.1	0.0
-10°	19.9	12.0	6.7	5.1	5.1	5.0	0.0
-12.5°	20.7	12.3	7.1	5.1	5.1	5.0	0.0
-15°	21.4	12.6	7.4	5.1	5.1	4.9	0.0
-17.5°	21.8	12.8	7.6	5.1	5.1	4.9	0.0
-20°	22.1	13.0	7.7	5.1	5.1	4.8	0.0

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CATALOG NUMBER: GFLD-SA3E-740-U-NR-VSR-XX

CANDELA DISTRIBUTION (continued):

	75°	77.5°	80°	82.5°	85°	87.5°	90°
-22.5°	22.4	13.1	7.8	5.1	5.1	4.7	0.0
-25°	22.5	13.4	7.8	5.1	5.1	4.6	0.0
-27.5°	22.5	13.8	7.6	5.1	5.1	4.5	0.0
-30°	22.4	14.0	7.4	5.1	5.1	4.4	0.0
-32.5°	22.1	14.1	7.4	5.1	5.1	4.3	0.0
-35°	22.1	14.1	7.3	5.1	5.1	4.2	0.0
-37.5°	22.0	13.9	7.2	5.1	5.1	4.0	0.0
-40°	21.7	13.7	6.9	5.1	5.1	3.9	0.0
-42.5°	21.2	13.2	6.9	5.2	5.1	3.8	0.0
-45°	20.6	12.7	7.0	5.3	5.1	3.6	0.0
-47.5°	19.8	12.1	7.2	5.4	5.1	3.4	0.0
-50°	18.8	11.3	7.2	5.5	5.1	3.3	0.0
-52.5°	17.6	10.3	7.2	5.5	5.1	3.1	0.0
-55°	16.2	10.0	7.2	5.5	5.1	2.9	0.0
-57.5°	14.7	9.8	7.1	5.5	5.1	2.7	0.0
-60°	13.1	9.5	6.9	5.5	5.1	2.5	0.0
-62.5°	12.5	9.1	6.7	5.4	4.7	2.4	0.0
-65°	11.7	8.6	6.5	5.3	4.3	2.2	0.0
-67.5°	10.8	8.1	6.2	5.2	3.9	2.0	0.0
-70°	9.8	7.5	5.9	5.1	3.5	1.7	0.0
-72.5°	8.8	6.8	5.5	4.6	3.1	1.5	0.0
-75°	7.7	6.1	5.2	3.9	2.6	1.3	0.0
-77.5°	6.5	5.4	4.4	3.3	2.2	1.1	0.0
-80°	5.2	4.4	3.5	2.6	1.8	0.9	0.0
-82.5°	3.9	3.3	2.6	2.0	1.3	0.7	0.0
-85°	2.6	2.2	1.8	1.3	0.9	0.4	0.0
-87.5°	1.3	1.1	0.9	0.7	0.4	0.2	0.0
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0

(END OF REPORT)