

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: P627788 (CONVERTED FROM TYPE C PHOTOMETRY)

Luminaire Tested: **GFLD-SA6B-722-U-NR-VSR-XX**

Issue Date: 12/7/2022

Test Information

Test Method: LM-79-08
Report Number: P627788 (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-SA6B-722-U-NR-VSR-XX
Description: GALLEON FLOOD, SIX LIGHT SQAURE, NARROW SYMMETRICAL ROUND N3 WITH VISOR
Light Source: (96) 2200K CCT, 70 CRI LEDS
Ballast/Driver: -

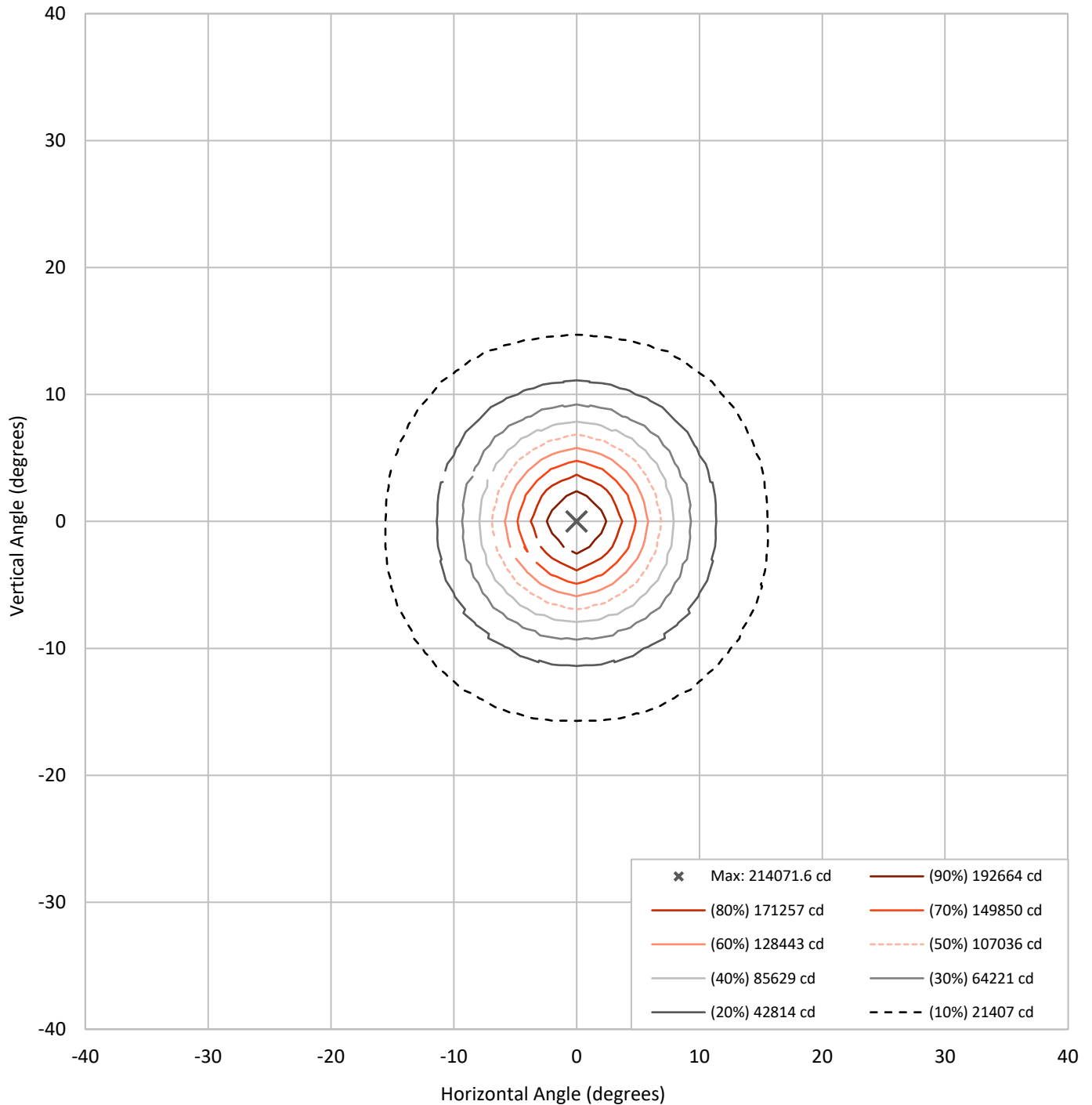
Summary

Lumens per Lamp:	N/A	NEMA Type:	3H x 3V
Luminaire Lumens:	21118.6 lumens	Max Intensity:	214071.6 candela
Efficiency:	N/A	Max Intensity Angle:	0°H x 0°V
Efficacy:	110.8 lumens/watt		
Luminous Opening:	Rectangular (W 1.5' x L: 1' 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:	6742 lumens	Field Lumens:	15016.7 lumens
Beam Efficiency:	31.9%	Field Efficiency:	71.1%
Input Watts (W):	190.6		
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-SA6B-722-U-NR-VSR-XX

Iso-Candela Plot





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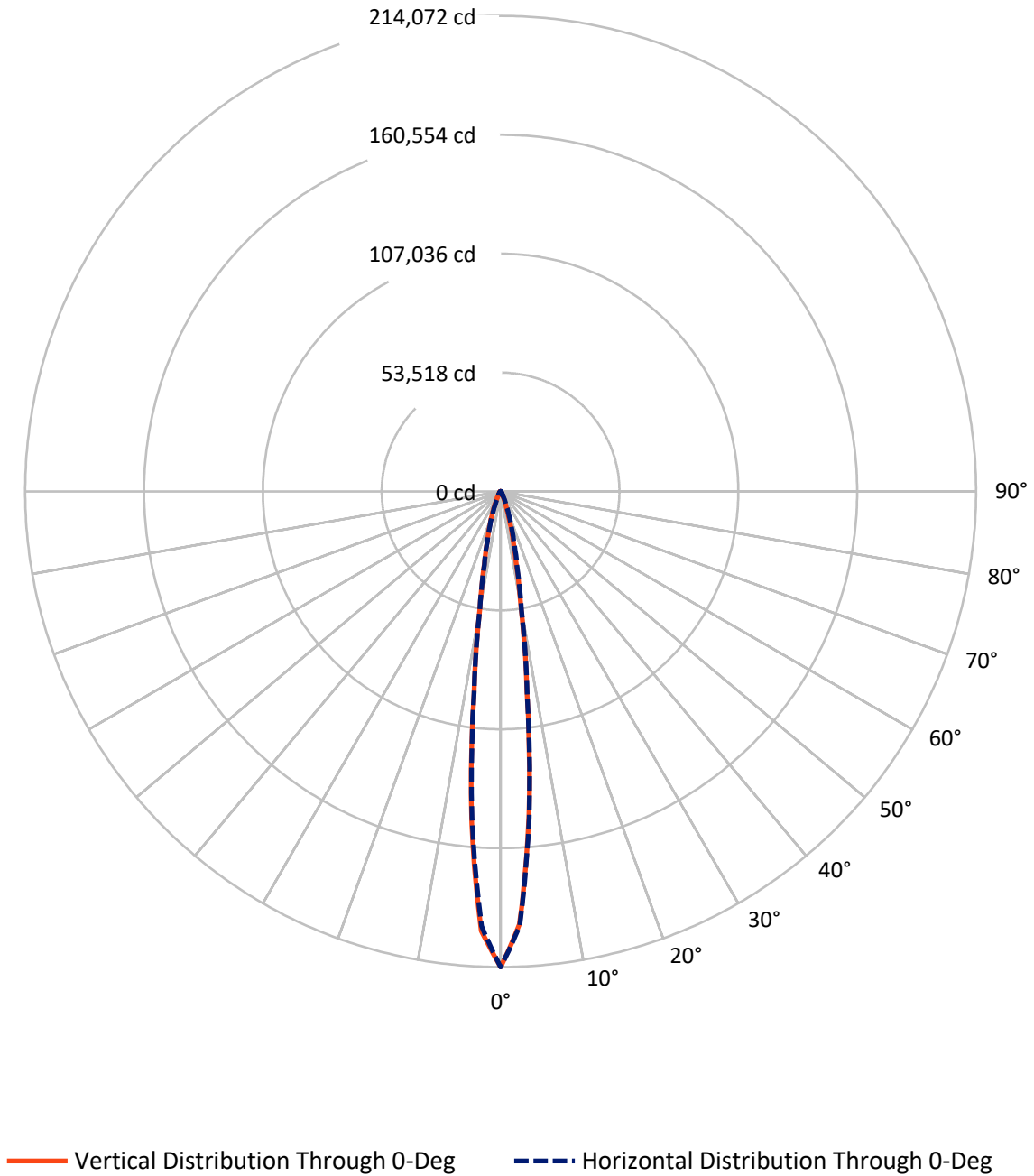
CATALOG NUMBER: GFLD-SA6B-722-U-NR-VSR-XX

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				
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	0.1	0.5	1.2	1.9	2.5	3.0	3.0	2.5	1.9	1.2	0.5	0.1		0.1			
40	0.1	0.1	0.6	1.8	3.4	5.1	7.1	8.4	8.4	7.1	5.1	3.4	1.8	0.6	0.1				
30		0.3	1.5	3.6	6.4	10.1	17.2	21.9	21.9	17.2	10.1	6.4	3.6	1.5	0.3				
20	0.2	0.6	2.4	5.4	9.9	21.5	57.4	95.0	95.0	57.4	21.5	9.9	5.4	2.4	0.6				
10		0.9	3.2	7.5	16.3	64.2	270.7	595.1	595.1	270.7	64.2	16.3	7.5	3.2	0.9				
0	0.3	1.1	3.9	8.8	22.2	120.5	648.7	2909.2	2909.2	648.7	120.5	22.2	8.8	3.9	1.1				
-10		1.3	4.3	9.3	23.8	128.4	671.4	2958.6	2958.6	671.4	128.4	23.8	9.3	4.3	1.3				
-20	0.4	1.4	4.4	9.1	20.9	81.7	325.9	697.2	697.2	325.9	81.7	20.9	9.1	4.4	1.4				
-30		1.3	4.2	8.4	16.1	38.2	100.4	167.4	167.4	100.4	38.2	16.1	8.4	4.2	1.3				
-40	0.4	1.1	3.7	7.4	12.6	21.0	34.1	43.4	43.4	34.1	21.0	12.6	7.4	3.7	1.1				
-50		0.9	3.1	6.2	10.2	14.7	19.7	22.0	22.0	19.7	14.7	10.2	6.2	3.1	0.9				
-60	0.3	0.7	2.3	4.8	8.0	11.3	14.2	15.5	15.5	14.2	11.3	8.0	4.8	2.3	0.7				
-70		0.5	1.4	3.1	5.4	7.8	9.9	10.9	10.9	9.9	7.8	5.4	3.1	1.4	0.5				
-80	0.1	1.3		5.3		11.7		14.8		11.7		5.3		1.3					
-90																			
	-90	-80	-70	-60	-50	-40	-30	-20	-10	0	10	20	30	40	50	60	70	80	90

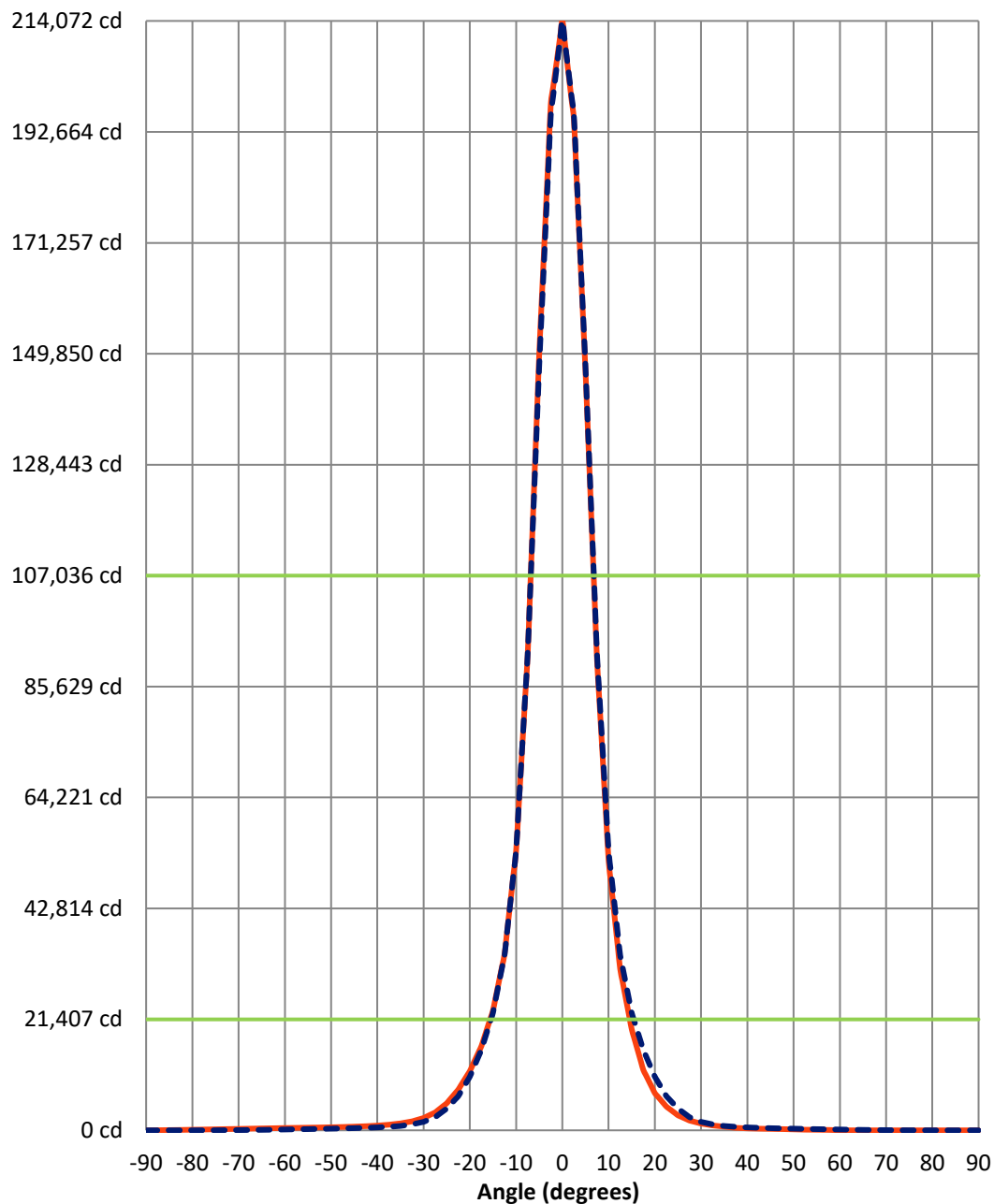
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Luminous Intensity Polar Plot



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Luminous Intensity Plot



Beam:
 H Angle: 13.6°
 V Angle: 13.6°
 Lumens: 6742
 Efficiency: 31.9%

Field:
 H Angle: 30.9°
 V Angle: 30.2°
 Lumens: 15016.7
 Efficiency: 71.1%

Spill:
 Lumens: 6101.9
 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	0.5	0.0	0.0	0.0	0.1	0.0	0.0	0.0	0.0	0.0
75°	0.0	0.6	0.1	0.0	0.1	0.4	0.1	0.0	0.1	0.4	0.2
72.5°	0.0	0.7	0.1	0.0	0.5	0.7	0.2	0.3	1.0	1.0	0.4
70°	0.0	0.8	0.2	0.1	0.9	1.0	0.5	1.4	1.9	1.7	0.6
67.5°	0.0	0.9	0.3	0.5	1.4	1.4	1.6	2.5	2.9	1.8	0.8
65°	0.0	1.0	0.4	1.0	1.8	1.9	2.6	3.7	3.0	2.0	1.4
62.5°	0.0	1.2	0.5	1.4	2.3	2.6	3.5	4.2	3.2	2.3	2.8
60°	0.0	1.3	0.6	1.9	2.8	3.1	4.4	4.4	3.4	3.2	4.1
57.5°	0.0	1.4	1.0	2.4	3.2	3.7	4.5	4.5	3.8	4.0	4.5
55°	0.0	1.5	1.4	2.9	3.5	4.1	4.5	4.5	4.2	4.5	4.5
52.5°	0.0	1.7	1.7	3.3	3.7	4.5	4.5	4.5	4.4	4.5	4.5
50°	0.0	1.8	2.0	3.8	4.0	4.5	4.5	4.5	4.5	4.5	5.2
47.5°	0.0	1.9	2.3	4.3	4.2	4.5	4.5	4.5	4.5	4.5	6.3
45°	0.0	2.1	2.6	4.4	4.3	4.5	4.5	4.5	4.7	5.6	7.5
42.5°	0.0	2.2	2.9	4.5	4.5	4.5	4.5	4.7	5.0	6.9	10.0
40°	0.0	2.3	3.1	4.5	4.5	4.5	4.5	5.0	5.8	8.3	12.9
37.5°	0.0	2.5	3.4	4.5	4.5	4.5	4.5	5.5	7.4	10.5	15.9
35°	0.0	2.6	3.6	4.5	4.5	4.5	4.5	6.0	9.0	13.3	19.5
32.5°	0.0	2.8	3.7	4.5	4.5	4.5	4.6	6.7	10.8	16.1	24.2
30°	0.0	2.9	3.9	4.5	4.5	4.5	5.1	7.6	12.6	18.8	29.3
27.5°	0.0	3.1	4.0	4.5	4.5	4.5	5.6	9.0	14.6	21.3	34.8
25°	0.0	3.2	4.1	4.5	4.5	4.5	6.2	10.5	16.8	25.1	40.7
22.5°	0.0	3.4	4.2	4.5	4.5	4.6	6.7	11.9	18.8	29.7	47.6
20°	0.0	3.5	4.3	4.5	4.5	4.9	7.3	13.4	20.7	34.3	54.0
17.5°	0.0	3.6	4.4	4.5	4.5	5.3	8.2	14.8	22.6	39.0	59.8
15°	0.0	3.8	4.4	4.5	4.5	5.8	9.1	16.2	24.3	43.6	65.1
12.5°	0.0	3.9	4.5	4.5	4.5	6.3	9.9	17.6	26.6	48.1	69.8
10°	0.0	4.0	4.5	4.5	4.5	6.9	10.8	18.8	29.5	52.2	74.0
7.5°	0.0	4.2	4.5	4.5	4.5	7.4	11.6	20.0	32.5	55.8	77.7
5°	0.0	4.3	4.5	4.5	4.5	8.0	12.3	21.0	35.4	58.8	80.9
2.5°	0.0	4.4	4.5	4.5	4.5	8.6	13.0	21.9	38.2	61.3	83.7
0°	0.0	4.5	4.5	4.5	4.5	9.1	13.6	22.7	40.8	63.4	86.1
-2.5°	0.0	4.5	4.5	4.5	4.9	9.6	14.8	24.1	43.1	65.1	89.0
-5°	0.0	4.5	4.5	4.5	5.3	10.0	15.9	25.3	45.1	66.4	91.4
-7.5°	0.0	4.5	4.5	4.5	5.7	10.4	16.9	26.4	46.7	67.4	93.2
-10°	0.0	4.4	4.5	4.5	6.0	10.7	17.8	27.3	47.9	68.2	94.3
-12.5°	0.0	4.4	4.5	4.5	6.3	11.0	18.5	28.2	48.7	68.8	96.1
-15°	0.0	4.3	4.5	4.5	6.6	11.3	19.1	28.9	48.8	70.2	97.7
-17.5°	0.0	4.3	4.5	4.5	6.8	11.5	19.5	29.6	48.5	70.9	98.5
-20°	0.0	4.2	4.5	4.5	6.9	11.6	19.8	30.2	47.8	70.9	98.3

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REPORT NUMBER: P627788 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA6B-722-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	4.2	4.5	4.5	7.0	11.7	20.0	30.6	46.7	70.1	97.2
-25°	0.0	4.1	4.5	4.5	6.9	12.0	20.1	30.7	45.3	68.5	95.0
-27.5°	0.0	4.0	4.5	4.5	6.8	12.3	20.1	30.6	43.5	66.1	93.0
-30°	0.0	3.9	4.5	4.5	6.7	12.5	20.0	30.3	42.5	63.7	89.9
-32.5°	0.0	3.8	4.5	4.5	6.6	12.6	19.8	29.9	42.0	60.9	85.6
-35°	0.0	3.7	4.5	4.5	6.5	12.6	19.7	29.5	41.2	57.6	80.2
-37.5°	0.0	3.6	4.5	4.5	6.4	12.5	19.6	29.0	40.0	54.1	77.1
-40°	0.0	3.4	4.5	4.5	6.1	12.2	19.4	28.3	38.4	51.7	74.3
-42.5°	0.0	3.3	4.5	4.5	6.1	11.9	19.0	27.4	37.2	50.7	70.8
-45°	0.0	3.2	4.5	4.7	6.2	11.4	18.4	26.6	36.1	49.1	66.9
-47.5°	0.0	3.0	4.5	4.8	6.4	10.8	17.7	25.7	34.9	47.0	64.3
-50°	0.0	2.9	4.5	4.8	6.4	10.1	16.8	24.6	33.5	45.2	61.0
-52.5°	0.0	2.7	4.5	4.9	6.4	9.2	15.7	23.3	31.9	42.7	57.0
-55°	0.0	2.6	4.5	4.9	6.4	9.0	14.5	21.8	30.0	39.5	52.9
-57.5°	0.0	2.4	4.5	4.9	6.3	8.8	13.1	20.0	27.8	36.6	47.9
-60°	0.0	2.2	4.5	4.8	6.2	8.5	11.7	18.1	25.4	33.7	42.9
-62.5°	0.0	2.1	4.2	4.8	6.0	8.1	11.2	16.0	22.8	30.5	39.0
-65°	0.0	1.9	3.8	4.7	5.8	7.7	10.5	14.1	20.0	27.0	34.8
-67.5°	0.0	1.7	3.4	4.6	5.5	7.2	9.7	12.9	17.0	23.3	30.4
-70°	0.0	1.5	3.1	4.5	5.2	6.7	8.8	11.7	15.2	19.4	25.7
-72.5°	0.0	1.4	2.7	4.0	4.9	6.1	7.9	10.3	13.3	16.9	21.1
-75°	0.0	1.2	2.3	3.5	4.6	5.4	6.8	9.0	11.3	14.3	17.7
-77.5°	0.0	1.0	1.9	2.9	3.9	4.7	5.8	7.7	9.8	11.8	14.2
-80°	0.0	0.8	1.6	2.3	3.1	3.9	4.6	6.4	8.3	10.2	12.0
-82.5°	0.0	0.6	1.2	1.8	2.3	2.9	3.5	5.0	6.8	8.5	10.2
-85°	0.0	0.4	0.8	1.2	1.6	1.9	2.3	3.4	4.6	6.1	7.7
-87.5°	0.0	0.2	0.4	0.6	0.8	1.0	1.2	1.7	2.3	3.0	3.8
-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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CATALOG NUMBER: GFLD-SA6B-722-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	0.4	0.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0
67.5°	0.3	1.3	1.5	0.9	0.0	0.0	0.0	0.3	0.0	0.0	0.0
65°	2.2	2.9	2.2	1.2	0.1	1.1	1.5	1.2	0.1	0.0	0.0
62.5°	4.2	3.5	2.5	1.9	2.5	3.4	2.7	1.5	0.4	2.2	3.2
60°	4.5	3.8	3.2	3.6	4.6	4.0	3.0	4.4	6.7	8.4	10.1
57.5°	4.5	4.2	4.1	4.9	5.1	5.1	8.0	10.7	15.1	18.7	21.2
55°	4.6	4.5	5.1	6.1	7.6	10.8	14.8	20.9	25.8	33.2	39.5
52.5°	5.1	5.1	6.9	9.3	13.7	18.7	25.7	34.3	44.0	51.3	59.0
50°	5.9	7.6	9.7	15.6	21.6	29.5	41.0	53.5	61.7	69.9	80.9
47.5°	8.1	10.3	16.0	22.8	31.5	44.0	59.9	68.9	77.0	89.9	103.6
45°	10.9	15.4	22.4	31.8	43.9	61.4	74.0	81.4	95.3	110.2	125.9
42.5°	13.9	21.3	30.8	40.7	59.8	76.4	87.8	99.4	113.5	131.0	148.0
40°	18.8	27.1	40.0	55.5	74.9	91.2	105.4	118.8	132.7	155.5	173.5
37.5°	23.9	35.9	50.5	69.8	89.9	107.7	123.5	140.4	160.2	185.9	202.1
35°	28.7	44.9	62.8	83.4	104.8	124.9	143.9	163.6	189.3	213.6	233.0
32.5°	35.6	54.3	74.4	96.6	118.6	141.4	164.6	188.1	213.3	238.2	263.7
30°	44.2	64.2	85.4	109.2	131.4	157.7	184.5	209.4	234.9	261.1	289.9
27.5°	52.9	73.5	96.4	120.5	143.7	173.8	202.7	228.7	254.8	283.0	315.8
25°	60.9	82.9	106.8	130.5	157.9	190.0	221.7	251.8	273.9	306.0	344.3
22.5°	68.6	92.0	117.7	139.6	171.5	206.5	243.3	275.7	301.8	330.5	374.1
20°	76.2	101.4	128.0	152.4	185.1	222.7	266.5	299.8	332.3	369.2	413.7
17.5°	83.5	110.2	138.1	167.1	201.6	240.6	290.2	324.2	363.0	407.2	463.2
15°	90.3	118.3	148.2	180.8	216.5	258.4	306.3	348.7	395.2	446.2	512.3
12.5°	96.7	125.8	158.2	193.5	229.6	273.8	319.8	365.0	418.4	485.1	568.3
10°	102.6	132.5	167.8	205.1	241.0	286.8	331.7	378.7	435.0	508.3	603.7
7.5°	107.5	139.3	177.0	215.6	250.8	297.5	342.0	390.0	449.0	527.6	627.4
5°	111.6	146.4	185.6	222.4	259.0	306.7	350.6	399.0	460.1	542.6	644.4
2.5°	115.1	152.9	193.0	227.4	266.0	315.1	357.5	409.0	471.4	554.3	660.3
0°	117.8	158.6	199.4	231.1	271.9	321.7	362.5	416.9	480.3	561.9	675.1
-2.5°	123.3	163.3	203.2	235.4	278.1	322.8	365.8	418.0	483.7	567.8	677.9
-5°	127.9	167.1	205.9	238.7	282.8	322.7	367.2	417.0	484.9	571.2	682.8
-7.5°	131.5	170.0	207.8	241.2	285.3	324.1	369.2	420.3	488.4	574.2	689.2
-10°	133.8	172.1	209.3	244.5	285.9	325.7	370.0	421.0	487.8	572.2	685.7
-12.5°	135.0	173.4	210.0	246.2	285.8	325.6	369.0	419.1	482.8	565.1	671.7
-15°	135.4	173.9	209.9	246.4	285.1	323.7	366.1	414.3	473.8	553.0	649.7
-17.5°	135.0	173.6	209.0	244.9	284.1	319.9	361.5	407.9	464.7	538.7	631.9
-20°	133.8	172.6	207.4	241.6	282.6	316.5	357.0	401.8	455.2	522.3	605.6

Classified

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

Scaled Data Report



REPORT NUMBER: P627788 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA6B-722-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°	131.9	171.0	205.2	238.4	277.5	313.3	351.1	393.8	441.7	502.4	576.4
-25°	129.7	167.8	202.3	235.8	271.8	308.4	343.7	384.3	428.3	486.6	553.2
-27.5°	126.8	163.9	198.4	232.3	265.8	301.7	336.3	374.6	418.2	469.5	529.1
-30°	122.6	158.4	192.8	227.4	260.5	294.3	327.6	364.1	405.2	453.6	508.6
-32.5°	117.3	152.3	186.0	220.1	254.5	286.8	318.2	353.2	391.8	434.3	486.6
-35°	111.9	145.6	178.5	211.0	247.2	278.4	308.6	340.8	376.7	416.2	458.8
-37.5°	106.9	138.5	170.5	201.3	235.6	268.0	297.5	328.0	361.1	397.4	436.1
-40°	101.5	130.9	162.2	192.1	222.2	255.2	284.7	314.2	344.8	381.1	415.6
-42.5°	95.9	124.4	153.4	182.7	211.5	241.0	270.3	298.7	331.0	365.4	399.2
-45°	91.2	117.7	144.6	173.1	201.4	228.1	255.7	282.1	315.0	349.4	382.4
-47.5°	85.7	110.8	136.9	162.7	190.5	217.2	241.9	268.7	296.6	329.1	363.8
-50°	80.1	103.8	127.8	152.2	178.5	205.2	230.3	255.0	281.4	308.0	338.0
-52.5°	75.2	96.0	118.2	140.6	165.5	191.6	216.9	241.7	265.9	291.0	316.5
-55°	69.5	88.5	108.2	129.1	150.9	175.9	201.1	225.2	249.9	273.4	298.4
-57.5°	63.1	80.2	98.1	117.7	137.6	158.1	182.5	206.5	229.7	253.4	279.2
-60°	55.8	71.2	87.4	105.5	124.9	143.7	163.4	185.7	208.1	230.6	254.4
-62.5°	48.4	61.7	76.4	92.2	109.9	128.4	146.4	165.4	185.6	205.1	225.8
-65°	43.4	52.8	65.1	79.2	93.8	110.3	127.4	144.9	162.7	179.2	195.1
-67.5°	38.1	46.6	55.7	66.1	79.3	93.2	106.9	122.5	138.5	153.7	168.6
-70°	32.5	40.0	48.1	56.7	66.1	77.5	90.3	102.8	115.1	127.9	141.7
-72.5°	26.7	33.2	40.1	47.6	55.7	64.6	74.5	85.2	96.1	106.7	117.4
-75°	21.9	26.2	31.9	38.2	45.1	52.2	59.3	67.8	77.0	86.3	95.4
-77.5°	18.0	22.0	25.9	29.8	34.7	41.2	47.5	53.8	60.2	67.2	74.7
-80°	14.7	17.8	21.3	24.9	28.3	32.2	36.6	41.5	46.1	50.7	55.8
-82.5°	12.3	14.6	17.2	19.9	21.9	24.0	26.3	29.2	32.2	35.3	38.6
-85°	9.4	11.3	13.0	14.9	15.8	16.8	18.0	19.2	21.1	23.0	24.9
-87.5°	4.7	5.7	6.7	7.8	8.3	8.7	9.2	9.6	10.8	12.1	13.5
-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: P627788 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA6B-722-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°	0.2	0.0	0.0	0.0	0.0	0.8	1.1	1.0	0.4	0.0	0.0
62.5°	2.7	2.2	3.5	4.7	5.2	5.0	4.6	4.1	3.5	3.2	3.7
60°	10.9	10.7	14.9	16.9	15.4	10.9	17.1	20.1	19.4	16.6	16.5
57.5°	26.6	32.3	36.4	38.3	44.3	54.0	55.8	52.6	51.5	52.6	60.7
55°	46.1	50.7	53.1	61.3	68.6	73.9	77.0	80.2	84.8	90.5	96.3
52.5°	65.2	71.5	76.4	83.8	92.5	95.5	94.7	105.9	114.7	120.2	122.5
50°	89.5	97.4	108.7	120.2	125.2	130.1	135.3	144.5	157.9	174.6	184.2
47.5°	115.7	128.2	140.0	153.2	159.8	165.0	172.7	188.7	207.9	225.8	235.2
45°	139.3	150.4	164.0	175.4	183.6	193.6	204.7	219.2	240.6	259.4	272.3
42.5°	158.3	170.8	184.7	198.5	206.9	220.4	237.3	257.0	279.4	298.9	313.4
40°	184.9	195.5	217.7	230.8	234.1	246.7	280.5	307.4	332.7	356.8	368.8
37.5°	217.0	237.7	260.7	272.6	284.3	306.5	351.9	395.4	427.6	460.2	477.9
35°	253.5	280.7	312.0	326.1	351.1	399.6	452.9	513.4	588.7	620.3	649.0
32.5°	289.0	319.3	348.3	379.8	423.5	481.5	541.5	639.7	731.3	802.3	854.2
30°	320.4	352.6	388.5	429.0	490.7	570.6	670.9	797.9	927.1	1039.9	1135.2
27.5°	351.5	388.1	430.8	491.3	578.1	686.6	846.7	1027.8	1243.5	1402.3	1592.0
25°	385.6	427.5	482.3	569.9	687.0	849.2	1105.1	1399.4	1753.0	2039.6	2339.7
22.5°	425.9	487.8	557.3	654.9	859.5	1126.8	1476.4	1979.2	2523.2	3026.1	3510.4
20°	474.7	559.3	670.8	850.5	1113.2	1508.4	2115.8	2918.2	3718.2	4570.1	5390.2
17.5°	544.2	666.1	839.4	1095.2	1441.4	2223.2	3208.8	4449.9	6044.3	7489.2	8750.7
15°	609.4	755.1	1028.7	1411.0	2015.0	3051.2	4548.2	6596.5	9081.4	11346.1	13738.0
12.5°	677.9	849.9	1164.0	1650.9	2490.1	3839.1	5942.9	8749.6	11861.0	15274.1	19161.8
10°	732.1	941.0	1317.1	1934.5	2968.9	4648.7	7154.6	10558.5	14693.3	19744.4	25959.1
7.5°	768.7	1013.9	1443.5	2142.0	3409.6	5476.7	8493.3	12584.7	17753.8	24445.5	33141.6
5°	797.3	1069.7	1538.6	2331.3	3782.5	6108.8	9485.2	14359.0	20473.8	29439.5	44176.8
2.5°	820.2	1112.3	1597.5	2461.6	4016.6	6549.0	10150.6	15362.8	22093.0	33131.7	52251.4
0°	838.3	1150.9	1635.8	2542.0	4195.9	6592.9	10358.3	15546.5	22674.1	33798.2	53989.1
-2.5°	845.9	1171.6	1648.9	2559.6	4177.9	6668.5	10421.7	15693.2	22652.3	33433.0	52048.4
-5°	858.7	1171.2	1639.0	2541.6	4084.3	6473.1	10007.8	14872.1	21285.7	30557.6	45808.8
-7.5°	867.8	1152.6	1591.5	2426.5	3839.1	6050.8	9280.6	13511.7	18798.4	25838.4	35283.9
-10°	859.4	1116.7	1512.5	2233.3	3457.9	5373.3	8174.7	11715.7	16109.5	21326.7	27744.3
-12.5°	827.1	1050.5	1383.4	1962.7	2964.2	4614.4	7062.0	10077.0	13329.0	16993.0	21427.7
-15°	786.2	979.2	1267.1	1777.1	2598.1	3862.2	5649.1	8095.0	10703.7	13485.7	16452.3
-17.5°	754.3	916.5	1154.9	1524.1	2128.0	3133.1	4537.4	6274.9	8192.0	10310.0	12068.0
-20°	711.2	839.4	1039.5	1341.0	1801.8	2467.7	3490.4	4752.7	6017.8	7506.9	8721.4



REPORT NUMBER: P627788 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA6B-722-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°	668.1	779.7	932.0	1152.6	1495.4	1998.6	2630.4	3473.3	4398.4	5253.2	6094.6
-25°	628.0	714.0	837.1	1018.1	1250.7	1594.0	2043.8	2527.3	3137.1	3657.4	4234.8
-27.5°	595.5	669.4	760.3	893.0	1073.4	1294.3	1616.3	1940.3	2261.0	2523.6	2921.1
-30°	564.2	623.7	699.7	794.3	929.6	1099.8	1308.9	1519.0	1704.1	1872.9	2079.9
-32.5°	533.4	581.8	640.1	718.7	815.7	943.7	1072.2	1222.8	1351.4	1470.2	1580.0
-35°	502.6	545.7	590.1	656.3	733.7	824.6	918.0	1020.1	1109.1	1189.1	1259.8
-37.5°	474.8	512.6	554.4	603.7	666.1	734.5	810.8	884.9	943.7	995.6	1038.5
-40°	451.3	485.7	521.4	560.9	608.4	662.4	727.2	788.9	830.1	861.8	887.9
-42.5°	430.3	460.6	491.1	524.6	561.0	607.7	658.9	709.9	737.9	762.4	781.2
-45°	413.5	436.7	462.3	491.0	523.3	562.4	602.6	637.9	662.7	683.8	699.5
-47.5°	391.3	413.6	435.8	459.4	489.5	522.1	555.4	582.5	604.2	622.6	634.6
-50°	366.7	390.3	410.6	431.4	459.1	486.7	513.5	535.9	556.6	574.6	584.0
-52.5°	341.3	366.6	387.9	408.2	431.4	455.6	479.7	498.9	517.0	534.0	541.1
-55°	323.1	346.4	368.4	387.5	406.6	425.9	445.6	465.5	483.4	499.5	504.3
-57.5°	303.3	327.1	348.9	366.0	383.3	400.6	418.7	436.6	453.9	469.4	473.3
-60°	279.2	305.0	324.3	340.5	357.3	374.5	390.2	406.1	422.3	435.8	440.1
-62.5°	248.6	272.0	291.1	308.2	324.4	339.3	354.6	369.6	384.1	394.7	398.2
-65°	211.9	231.8	251.5	269.3	285.3	299.8	313.9	327.5	340.7	350.1	354.7
-67.5°	183.0	197.3	213.1	228.5	244.6	259.4	272.1	284.1	295.4	303.3	308.3
-70°	155.1	168.7	183.5	198.1	212.1	224.2	234.3	244.2	253.8	260.8	266.1
-72.5°	128.3	139.9	152.3	165.2	177.9	188.9	198.2	207.0	215.3	221.3	226.2
-75°	104.2	113.7	124.2	134.6	145.0	153.6	161.4	169.0	176.4	181.7	186.2
-77.5°	82.7	90.8	98.9	107.1	115.3	121.5	127.3	132.8	138.3	142.5	146.4
-80°	61.3	67.6	74.1	80.7	87.2	91.9	96.2	100.3	104.1	106.6	108.8
-82.5°	41.9	46.3	50.9	55.5	60.1	63.6	67.0	70.4	73.6	74.8	75.6
-85°	26.7	28.9	31.3	33.8	36.5	38.4	40.3	42.0	43.7	45.3	46.8
-87.5°	14.8	15.3	15.7	16.1	16.4	17.8	19.2	20.5	21.9	22.2	22.4
-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: P627788 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA6B-722-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	0.4	1.0
62.5°	4.0	4.3	4.4	4.5	4.4	4.3	4.0	3.7	3.2	3.5	4.1
60°	15.5	13.8	13.5	13.6	13.5	13.8	15.5	16.5	16.6	19.4	20.1
57.5°	69.0	76.7	78.8	77.0	78.8	76.7	69.0	60.7	52.6	51.5	52.6
55°	100.3	102.7	103.8	104.2	103.8	102.7	100.3	96.3	90.5	84.8	80.2
52.5°	123.0	122.2	122.0	122.3	122.0	122.2	123.0	122.5	120.2	114.7	105.9
50°	184.9	181.5	180.1	181.2	180.1	181.5	184.9	184.2	174.6	157.9	144.5
47.5°	236.3	237.4	239.0	240.2	239.0	237.4	236.3	235.2	225.8	207.9	188.7
45°	276.0	278.4	280.0	280.9	280.0	278.4	276.0	272.3	259.4	240.6	219.2
42.5°	316.5	316.8	316.3	317.2	316.3	316.8	316.5	313.4	298.9	279.4	257.0
40°	373.6	374.8	373.6	371.6	373.6	374.8	373.6	368.8	356.8	332.7	307.4
37.5°	488.3	490.0	484.6	480.3	484.6	490.0	488.3	477.9	460.2	427.6	395.4
35°	675.3	694.7	703.9	706.9	703.9	694.7	675.3	649.0	620.3	588.7	513.4
32.5°	890.0	917.0	930.5	942.5	930.5	917.0	890.0	854.2	802.3	731.3	639.7
30°	1197.8	1247.4	1269.3	1300.5	1269.3	1247.4	1197.8	1135.2	1039.9	927.1	797.9
27.5°	1699.8	1787.1	1835.5	1880.4	1835.5	1787.1	1699.8	1592.0	1402.3	1243.5	1027.8
25°	2557.7	2726.0	2834.9	2886.4	2834.9	2726.0	2557.7	2339.7	2039.6	1753.0	1399.4
22.5°	3979.0	4289.3	4528.6	4576.5	4528.6	4289.3	3979.0	3510.4	3026.1	2523.2	1979.2
20°	6185.9	6629.9	6991.0	7172.9	6991.0	6629.9	6185.9	5390.2	4570.1	3718.2	2918.2
17.5°	10253.3	11176.7	11598.5	11667.8	11598.5	11176.7	10253.3	8750.7	7489.2	6044.3	4449.9
15°	16304.4	17867.0	18859.0	19497.7	18859.0	17867.0	16304.4	13738.0	11346.1	9081.4	6596.5
12.5°	23208.7	27648.7	30175.1	31138.3	30175.1	27648.7	23208.7	19161.8	15274.1	11861.0	8749.6
10°	32579.2	43031.6	49061.1	52095.1	49061.1	43031.6	32579.2	25959.1	19744.4	14693.3	10558.5
7.5°	48483.2	64627.2	82514.0	90789.3	82514.0	64627.2	48483.2	33141.6	24445.5	17753.8	12584.7
5°	65202.1	100647.7	131758.6	146656.5	131758.6	100647.7	65202.1	44176.8	29439.5	20473.8	14359.0
2.5°	84417.9	132219.6	176416.1	194999.8	176416.1	132219.6	84417.9	52251.4	33131.7	22093.0	15362.8
0°	91813.3	147494.8	195831.3	214071.6	195831.3	147494.8	91813.3	53989.1	33798.2	22674.1	15546.5
-2.5°	85561.1	134535.4	177175.5	198017.6	177175.5	134535.4	85561.1	52048.4	33433.0	22652.3	15693.2
-5°	67982.7	101202.4	132781.5	149764.9	132781.5	101202.4	67982.7	45808.8	30557.6	21285.7	14872.1
-7.5°	49895.1	67979.5	85517.4	91650.2	85517.4	67979.5	49895.1	35283.9	25838.4	18798.4	13511.7
-10°	34738.0	45093.7	51929.6	53880.4	51929.6	45093.7	34738.0	27744.3	21326.7	16109.5	11715.7
-12.5°	25754.7	30284.3	33435.9	33983.9	33435.9	30284.3	25754.7	21427.7	16993.0	13329.0	10077.0
-15°	19070.7	21374.2	22999.7	23109.1	22999.7	21374.2	19070.7	16452.3	13485.7	10703.7	8095.0
-17.5°	13940.8	15486.9	16307.2	16248.9	16307.2	15486.9	13940.8	12068.0	10310.0	8192.0	6274.9
-20°	9968.5	10900.5	11561.5	11432.2	11561.5	10900.5	9968.5	8721.4	7506.9	6017.8	4752.7



REPORT NUMBER: P627788 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA6B-722-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°	6950.7	7569.4	7956.7	7857.1	7956.7	7569.4	6950.7	6094.6	5253.2	4398.4	3473.3
-25°	4722.9	5060.0	5251.8	5219.9	5251.8	5060.0	4722.9	4234.8	3657.4	3137.1	2527.3
-27.5°	3218.4	3396.4	3455.8	3452.8	3455.8	3396.4	3218.4	2921.1	2523.6	2261.0	1940.3
-30°	2233.8	2353.5	2421.9	2378.9	2421.9	2353.5	2233.8	2079.9	1872.9	1704.1	1519.0
-32.5°	1664.9	1732.4	1771.4	1730.9	1771.4	1732.4	1664.9	1580.0	1470.2	1351.4	1222.8
-35°	1312.1	1346.3	1360.0	1336.7	1360.0	1346.3	1312.1	1259.8	1189.1	1109.1	1020.1
-37.5°	1069.7	1089.7	1096.5	1083.0	1096.5	1089.7	1069.7	1038.5	995.6	943.7	884.9
-40°	906.5	918.7	921.7	910.8	921.7	918.7	906.5	887.9	861.8	830.1	788.9
-42.5°	793.1	800.5	802.2	797.5	802.2	800.5	793.1	781.2	762.4	737.9	709.9
-45°	708.8	715.1	716.3	711.4	716.3	715.1	708.8	699.5	683.8	662.7	637.9
-47.5°	640.6	644.5	645.4	643.4	645.4	644.5	640.6	634.6	622.6	604.2	582.5
-50°	588.3	591.0	591.2	589.1	591.2	591.0	588.3	584.0	574.6	556.6	535.9
-52.5°	544.5	546.4	547.7	548.3	547.7	546.4	544.5	541.1	534.0	517.0	498.9
-55°	507.7	510.1	511.5	512.0	511.5	510.1	507.7	504.3	499.5	483.4	465.5
-57.5°	476.3	478.5	479.9	480.3	479.9	478.5	476.3	473.3	469.4	453.9	436.6
-60°	443.7	446.3	448.0	448.6	448.0	446.3	443.7	440.1	435.8	422.3	406.1
-62.5°	400.5	401.7	402.8	403.3	402.8	401.7	400.5	398.2	394.7	384.1	369.6
-65°	358.2	360.6	362.1	362.5	362.1	360.6	358.2	354.7	350.1	340.7	327.5
-67.5°	312.4	315.5	318.9	321.7	318.9	315.5	312.4	308.3	303.3	295.4	284.1
-70°	270.8	274.8	276.1	276.4	276.1	274.8	270.8	266.1	260.8	253.8	244.2
-72.5°	230.5	234.3	237.5	240.2	237.5	234.3	230.5	226.2	221.3	215.3	207.0
-75°	190.2	193.7	194.6	194.8	194.6	193.7	190.2	186.2	181.7	176.4	169.0
-77.5°	149.9	153.2	153.9	154.1	153.9	153.2	149.9	146.4	142.5	138.3	132.8
-80°	110.9	112.7	115.4	117.8	115.4	112.7	110.9	108.8	106.6	104.1	100.3
-82.5°	76.3	76.7	76.9	77.0	76.9	76.7	76.3	75.6	74.8	73.6	70.4
-85°	48.2	49.6	49.7	49.8	49.7	49.6	48.2	46.8	45.3	43.7	42.0
-87.5°	22.5	22.6	22.7	22.7	22.7	22.6	22.5	22.4	22.2	21.9	20.5
-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: P627788 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA6B-722-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°	1.1	0.8	0.0	0.0	0.0	0.0	0.2	0.0	0.0	0.1	1.2
62.5°	4.6	5.0	5.2	4.7	3.5	2.2	2.7	3.2	2.2	0.4	1.5
60°	17.1	10.9	15.4	16.9	14.9	10.7	10.9	10.1	8.4	6.7	4.4
57.5°	55.8	54.0	44.3	38.3	36.4	32.3	26.6	21.2	18.7	15.1	10.7
55°	77.0	73.9	68.6	61.3	53.1	50.7	46.1	39.5	33.2	25.8	20.9
52.5°	94.7	95.5	92.5	83.8	76.4	71.5	65.2	59.0	51.3	44.0	34.3
50°	135.3	130.1	125.2	120.2	108.7	97.4	89.5	80.9	69.9	61.7	53.5
47.5°	172.7	165.0	159.8	153.2	140.0	128.2	115.7	103.6	89.9	77.0	68.9
45°	204.7	193.6	183.6	175.4	164.0	150.4	139.3	125.9	110.2	95.3	81.4
42.5°	237.3	220.4	206.9	198.5	184.7	170.8	158.3	148.0	131.0	113.5	99.4
40°	280.5	246.7	234.1	230.8	217.7	195.5	184.9	173.5	155.5	132.7	118.8
37.5°	351.9	306.5	284.3	272.6	260.7	237.7	217.0	202.1	185.9	160.2	140.4
35°	452.9	399.6	351.1	326.1	312.0	280.7	253.5	233.0	213.6	189.3	163.6
32.5°	541.5	481.5	423.5	379.8	348.3	319.3	289.0	263.7	238.2	213.3	188.1
30°	670.9	570.6	490.7	429.0	388.5	352.6	320.4	289.9	261.1	234.9	209.4
27.5°	846.7	686.6	578.1	491.3	430.8	388.1	351.5	315.8	283.0	254.8	228.7
25°	1105.1	849.2	687.0	569.9	482.3	427.5	385.6	344.3	306.0	273.9	251.8
22.5°	1476.4	1126.8	859.5	654.9	557.3	487.8	425.9	374.1	330.5	301.8	275.7
20°	2115.8	1508.4	1113.2	850.5	670.8	559.3	474.7	413.7	369.2	332.3	299.8
17.5°	3208.8	2223.2	1441.4	1095.2	839.4	666.1	544.2	463.2	407.2	363.0	324.2
15°	4548.2	3051.2	2015.0	1411.0	1028.7	755.1	609.4	512.3	446.2	395.2	348.7
12.5°	5942.9	3839.1	2490.1	1650.9	1164.0	849.9	677.9	568.3	485.1	418.4	365.0
10°	7154.6	4648.7	2968.9	1934.5	1317.1	941.0	732.1	603.7	508.3	435.0	378.7
7.5°	8493.3	5476.7	3409.6	2142.0	1443.5	1013.9	768.7	627.4	527.6	449.0	390.0
5°	9485.2	6108.8	3782.5	2331.3	1538.6	1069.7	797.3	644.4	542.6	460.1	399.0
2.5°	10150.6	6549.0	4016.6	2461.6	1597.5	1112.3	820.2	660.3	554.3	471.4	409.0
0°	10358.3	6592.9	4195.9	2542.0	1635.8	1150.9	838.3	675.1	561.9	480.3	416.9
-2.5°	10421.7	6668.5	4177.9	2559.6	1648.9	1171.6	845.9	677.9	567.8	483.7	418.0
-5°	10007.8	6473.1	4084.3	2541.6	1639.0	1171.2	858.7	682.8	571.2	484.9	417.0
-7.5°	9280.6	6050.8	3839.1	2426.5	1591.5	1152.6	867.8	689.2	574.2	488.4	420.3
-10°	8174.7	5373.3	3457.9	2233.3	1512.5	1116.7	859.4	685.7	572.2	487.8	421.0
-12.5°	7062.0	4614.4	2964.2	1962.7	1383.4	1050.5	827.1	671.7	565.1	482.8	419.1
-15°	5649.1	3862.2	2598.1	1777.1	1267.1	979.2	786.2	649.7	553.0	473.8	414.3
-17.5°	4537.4	3133.1	2128.0	1524.1	1154.9	916.5	754.3	631.9	538.7	464.7	407.9
-20°	3490.4	2467.7	1801.8	1341.0	1039.5	839.4	711.2	605.6	522.3	455.2	401.8

Classified

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

Scaled Data Report



REPORT NUMBER: P627788 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA6B-722-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°	2630.4	1998.6	1495.4	1152.6	932.0	779.7	668.1	576.4	502.4	441.7	393.8
-25°	2043.8	1594.0	1250.7	1018.1	837.1	714.0	628.0	553.2	486.6	428.3	384.3
-27.5°	1616.3	1294.3	1073.4	893.0	760.3	669.4	595.5	529.1	469.5	418.2	374.6
-30°	1308.9	1099.8	929.6	794.3	699.7	623.7	564.2	508.6	453.6	405.2	364.1
-32.5°	1072.2	943.7	815.7	718.7	640.1	581.8	533.4	486.6	434.3	391.8	353.2
-35°	918.0	824.6	733.7	656.3	590.1	545.7	502.6	458.8	416.2	376.7	340.8
-37.5°	810.8	734.5	666.1	603.7	554.4	512.6	474.8	436.1	397.4	361.1	328.0
-40°	727.2	662.4	608.4	560.9	521.4	485.7	451.3	415.6	381.1	344.8	314.2
-42.5°	658.9	607.7	561.0	524.6	491.1	460.6	430.3	399.2	365.4	331.0	298.7
-45°	602.6	562.4	523.3	491.0	462.3	436.7	413.5	382.4	349.4	315.0	282.1
-47.5°	555.4	522.1	489.5	459.4	435.8	413.6	391.3	363.8	329.1	296.6	268.7
-50°	513.5	486.7	459.1	431.4	410.6	390.3	366.7	338.0	308.0	281.4	255.0
-52.5°	479.7	455.6	431.4	408.2	387.9	366.6	341.3	316.5	291.0	265.9	241.7
-55°	445.6	425.9	406.6	387.5	368.4	346.4	323.1	298.4	273.4	249.9	225.2
-57.5°	418.7	400.6	383.3	366.0	348.9	327.1	303.3	279.2	253.4	229.7	206.5
-60°	390.2	374.5	357.3	340.5	324.3	305.0	279.2	254.4	230.6	208.1	185.7
-62.5°	354.6	339.3	324.4	308.2	291.1	272.0	248.6	225.8	205.1	185.6	165.4
-65°	313.9	299.8	285.3	269.3	251.5	231.8	211.9	195.1	179.2	162.7	144.9
-67.5°	272.1	259.4	244.6	228.5	213.1	197.3	183.0	168.6	153.7	138.5	122.5
-70°	234.3	224.2	212.1	198.1	183.5	168.7	155.1	141.7	127.9	115.1	102.8
-72.5°	198.2	188.9	177.9	165.2	152.3	139.9	128.3	117.4	106.7	96.1	85.2
-75°	161.4	153.6	145.0	134.6	124.2	113.7	104.2	95.4	86.3	77.0	67.8
-77.5°	127.3	121.5	115.3	107.1	98.9	90.8	82.7	74.7	67.2	60.2	53.8
-80°	96.2	91.9	87.2	80.7	74.1	67.6	61.3	55.8	50.7	46.1	41.5
-82.5°	67.0	63.6	60.1	55.5	50.9	46.3	41.9	38.6	35.3	32.2	29.2
-85°	40.3	38.4	36.5	33.8	31.3	28.9	26.7	24.9	23.0	21.1	19.2
-87.5°	19.2	17.8	16.4	16.1	15.7	15.3	14.8	13.5	12.1	10.8	9.6
-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: P627788 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA6B-722-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	0.4	1.0	1.0	0.3
70°	0.0	0.0	0.0	0.4	0.4	0.0	0.0	0.6	1.7	1.9	1.4
67.5°	0.0	0.0	0.0	0.9	1.5	1.3	0.3	0.8	1.8	2.9	2.5
65°	1.5	1.1	0.1	1.2	2.2	2.9	2.2	1.4	2.0	3.0	3.7
62.5°	2.7	3.4	2.5	1.9	2.5	3.5	4.2	2.8	2.3	3.2	4.2
60°	3.0	4.0	4.6	3.6	3.2	3.8	4.5	4.1	3.2	3.4	4.4
57.5°	8.0	5.1	5.1	4.9	4.1	4.2	4.5	4.5	4.0	3.8	4.5
55°	14.8	10.8	7.6	6.1	5.1	4.5	4.6	4.5	4.5	4.2	4.5
52.5°	25.7	18.7	13.7	9.3	6.9	5.1	5.1	4.5	4.5	4.4	4.5
50°	41.0	29.5	21.6	15.6	9.7	7.6	5.9	5.2	4.5	4.5	4.5
47.5°	59.9	44.0	31.5	22.8	16.0	10.3	8.1	6.3	4.5	4.5	4.5
45°	74.0	61.4	43.9	31.8	22.4	15.4	10.9	7.5	5.6	4.7	4.5
42.5°	87.8	76.4	59.8	40.7	30.8	21.3	13.9	10.0	6.9	5.0	4.7
40°	105.4	91.2	74.9	55.5	40.0	27.1	18.8	12.9	8.3	5.8	5.0
37.5°	123.5	107.7	89.9	69.8	50.5	35.9	23.9	15.9	10.5	7.4	5.5
35°	143.9	124.9	104.8	83.4	62.8	44.9	28.7	19.5	13.3	9.0	6.0
32.5°	164.6	141.4	118.6	96.6	74.4	54.3	35.6	24.2	16.1	10.8	6.7
30°	184.5	157.7	131.4	109.2	85.4	64.2	44.2	29.3	18.8	12.6	7.6
27.5°	202.7	173.8	143.7	120.5	96.4	73.5	52.9	34.8	21.3	14.6	9.0
25°	221.7	190.0	157.9	130.5	106.8	82.9	60.9	40.7	25.1	16.8	10.5
22.5°	243.3	206.5	171.5	139.6	117.7	92.0	68.6	47.6	29.7	18.8	11.9
20°	266.5	222.7	185.1	152.4	128.0	101.4	76.2	54.0	34.3	20.7	13.4
17.5°	290.2	240.6	201.6	167.1	138.1	110.2	83.5	59.8	39.0	22.6	14.8
15°	306.3	258.4	216.5	180.8	148.2	118.3	90.3	65.1	43.6	24.3	16.2
12.5°	319.8	273.8	229.6	193.5	158.2	125.8	96.7	69.8	48.1	26.6	17.6
10°	331.7	286.8	241.0	205.1	167.8	132.5	102.6	74.0	52.2	29.5	18.8
7.5°	342.0	297.5	250.8	215.6	177.0	139.3	107.5	77.7	55.8	32.5	20.0
5°	350.6	306.7	259.0	222.4	185.6	146.4	111.6	80.9	58.8	35.4	21.0
2.5°	357.5	315.1	266.0	227.4	193.0	152.9	115.1	83.7	61.3	38.2	21.9
0°	362.5	321.7	271.9	231.1	199.4	158.6	117.8	86.1	63.4	40.8	22.7
-2.5°	365.8	322.8	278.1	235.4	203.2	163.3	123.3	89.0	65.1	43.1	24.1
-5°	367.2	322.7	282.8	238.7	205.9	167.1	127.9	91.4	66.4	45.1	25.3
-7.5°	369.2	324.1	285.3	241.2	207.8	170.0	131.5	93.2	67.4	46.7	26.4
-10°	370.0	325.7	285.9	244.5	209.3	172.1	133.8	94.3	68.2	47.9	27.3
-12.5°	369.0	325.6	285.8	246.2	210.0	173.4	135.0	96.1	68.8	48.7	28.2
-15°	366.1	323.7	285.1	246.4	209.9	173.9	135.4	97.7	70.2	48.8	28.9
-17.5°	361.5	319.9	284.1	244.9	209.0	173.6	135.0	98.5	70.9	48.5	29.6
-20°	357.0	316.5	282.6	241.6	207.4	172.6	133.8	98.3	70.9	47.8	30.2

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Scaled Data Report



REPORT NUMBER: P627788 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA6B-722-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°	351.1	313.3	277.5	238.4	205.2	171.0	131.9	97.2	70.1	46.7	30.6
-25°	343.7	308.4	271.8	235.8	202.3	167.8	129.7	95.0	68.5	45.3	30.7
-27.5°	336.3	301.7	265.8	232.3	198.4	163.9	126.8	93.0	66.1	43.5	30.6
-30°	327.6	294.3	260.5	227.4	192.8	158.4	122.6	89.9	63.7	42.5	30.3
-32.5°	318.2	286.8	254.5	220.1	186.0	152.3	117.3	85.6	60.9	42.0	29.9
-35°	308.6	278.4	247.2	211.0	178.5	145.6	111.9	80.2	57.6	41.2	29.5
-37.5°	297.5	268.0	235.6	201.3	170.5	138.5	106.9	77.1	54.1	40.0	29.0
-40°	284.7	255.2	222.2	192.1	162.2	130.9	101.5	74.3	51.7	38.4	28.3
-42.5°	270.3	241.0	211.5	182.7	153.4	124.4	95.9	70.8	50.7	37.2	27.4
-45°	255.7	228.1	201.4	173.1	144.6	117.7	91.2	66.9	49.1	36.1	26.6
-47.5°	241.9	217.2	190.5	162.7	136.9	110.8	85.7	64.3	47.0	34.9	25.7
-50°	230.3	205.2	178.5	152.2	127.8	103.8	80.1	61.0	45.2	33.5	24.6
-52.5°	216.9	191.6	165.5	140.6	118.2	96.0	75.2	57.0	42.7	31.9	23.3
-55°	201.1	175.9	150.9	129.1	108.2	88.5	69.5	52.9	39.5	30.0	21.8
-57.5°	182.5	158.1	137.6	117.7	98.1	80.2	63.1	47.9	36.6	27.8	20.0
-60°	163.4	143.7	124.9	105.5	87.4	71.2	55.8	42.9	33.7	25.4	18.1
-62.5°	146.4	128.4	109.9	92.2	76.4	61.7	48.4	39.0	30.5	22.8	16.0
-65°	127.4	110.3	93.8	79.2	65.1	52.8	43.4	34.8	27.0	20.0	14.1
-67.5°	106.9	93.2	79.3	66.1	55.7	46.6	38.1	30.4	23.3	17.0	12.9
-70°	90.3	77.5	66.1	56.7	48.1	40.0	32.5	25.7	19.4	15.2	11.7
-72.5°	74.5	64.6	55.7	47.6	40.1	33.2	26.7	21.1	16.9	13.3	10.3
-75°	59.3	52.2	45.1	38.2	31.9	26.2	21.9	17.7	14.3	11.3	9.0
-77.5°	47.5	41.2	34.7	29.8	25.9	22.0	18.0	14.2	11.8	9.8	7.7
-80°	36.6	32.2	28.3	24.9	21.3	17.8	14.7	12.0	10.2	8.3	6.4
-82.5°	26.3	24.0	21.9	19.9	17.2	14.6	12.3	10.2	8.5	6.8	5.0
-85°	18.0	16.8	15.8	14.9	13.0	11.3	9.4	7.7	6.1	4.6	3.4
-87.5°	9.2	8.7	8.3	7.8	6.7	5.7	4.7	3.8	3.0	2.3	1.7
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

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CATALOG NUMBER: GFLD-SA6B-722-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	0.0	0.5	0.0
75°	0.1	0.4	0.1	0.0	0.1	0.6	0.0
72.5°	0.2	0.7	0.5	0.0	0.1	0.7	0.0
70°	0.5	1.0	0.9	0.1	0.2	0.8	0.0
67.5°	1.6	1.4	1.4	0.5	0.3	0.9	0.0
65°	2.6	1.9	1.8	1.0	0.4	1.0	0.0
62.5°	3.5	2.6	2.3	1.4	0.5	1.2	0.0
60°	4.4	3.1	2.8	1.9	0.6	1.3	0.0
57.5°	4.5	3.7	3.2	2.4	1.0	1.4	0.0
55°	4.5	4.1	3.5	2.9	1.4	1.5	0.0
52.5°	4.5	4.5	3.7	3.3	1.7	1.7	0.0
50°	4.5	4.5	4.0	3.8	2.0	1.8	0.0
47.5°	4.5	4.5	4.2	4.3	2.3	1.9	0.0
45°	4.5	4.5	4.3	4.4	2.6	2.1	0.0
42.5°	4.5	4.5	4.5	4.5	2.9	2.2	0.0
40°	4.5	4.5	4.5	4.5	3.1	2.3	0.0
37.5°	4.5	4.5	4.5	4.5	3.4	2.5	0.0
35°	4.5	4.5	4.5	4.5	3.6	2.6	0.0
32.5°	4.6	4.5	4.5	4.5	3.7	2.8	0.0
30°	5.1	4.5	4.5	4.5	3.9	2.9	0.0
27.5°	5.6	4.5	4.5	4.5	4.0	3.1	0.0
25°	6.2	4.5	4.5	4.5	4.1	3.2	0.0
22.5°	6.7	4.6	4.5	4.5	4.2	3.4	0.0
20°	7.3	4.9	4.5	4.5	4.3	3.5	0.0
17.5°	8.2	5.3	4.5	4.5	4.4	3.6	0.0
15°	9.1	5.8	4.5	4.5	4.4	3.8	0.0
12.5°	9.9	6.3	4.5	4.5	4.5	3.9	0.0
10°	10.8	6.9	4.5	4.5	4.5	4.0	0.0
7.5°	11.6	7.4	4.5	4.5	4.5	4.2	0.0
5°	12.3	8.0	4.5	4.5	4.5	4.3	0.0
2.5°	13.0	8.6	4.5	4.5	4.5	4.4	0.0
0°	13.6	9.1	4.5	4.5	4.5	4.5	0.0
-2.5°	14.8	9.6	4.9	4.5	4.5	4.5	0.0
-5°	15.9	10.0	5.3	4.5	4.5	4.5	0.0
-7.5°	16.9	10.4	5.7	4.5	4.5	4.5	0.0
-10°	17.8	10.7	6.0	4.5	4.5	4.4	0.0
-12.5°	18.5	11.0	6.3	4.5	4.5	4.4	0.0
-15°	19.1	11.3	6.6	4.5	4.5	4.3	0.0
-17.5°	19.5	11.5	6.8	4.5	4.5	4.3	0.0
-20°	19.8	11.6	6.9	4.5	4.5	4.2	0.0

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CATALOG NUMBER: GFLD-SA6B-722-U-NR-VSR-XX

CANDELA DISTRIBUTION (continued):

	75°	77.5°	80°	82.5°	85°	87.5°	90°
-22.5°	20.0	11.7	7.0	4.5	4.5	4.2	0.0
-25°	20.1	12.0	6.9	4.5	4.5	4.1	0.0
-27.5°	20.1	12.3	6.8	4.5	4.5	4.0	0.0
-30°	20.0	12.5	6.7	4.5	4.5	3.9	0.0
-32.5°	19.8	12.6	6.6	4.5	4.5	3.8	0.0
-35°	19.7	12.6	6.5	4.5	4.5	3.7	0.0
-37.5°	19.6	12.5	6.4	4.5	4.5	3.6	0.0
-40°	19.4	12.2	6.1	4.5	4.5	3.4	0.0
-42.5°	19.0	11.9	6.1	4.5	4.5	3.3	0.0
-45°	18.4	11.4	6.2	4.7	4.5	3.2	0.0
-47.5°	17.7	10.8	6.4	4.8	4.5	3.0	0.0
-50°	16.8	10.1	6.4	4.8	4.5	2.9	0.0
-52.5°	15.7	9.2	6.4	4.9	4.5	2.7	0.0
-55°	14.5	9.0	6.4	4.9	4.5	2.6	0.0
-57.5°	13.1	8.8	6.3	4.9	4.5	2.4	0.0
-60°	11.7	8.5	6.2	4.8	4.5	2.2	0.0
-62.5°	11.2	8.1	6.0	4.8	4.2	2.1	0.0
-65°	10.5	7.7	5.8	4.7	3.8	1.9	0.0
-67.5°	9.7	7.2	5.5	4.6	3.4	1.7	0.0
-70°	8.8	6.7	5.2	4.5	3.1	1.5	0.0
-72.5°	7.9	6.1	4.9	4.0	2.7	1.4	0.0
-75°	6.8	5.4	4.6	3.5	2.3	1.2	0.0
-77.5°	5.8	4.7	3.9	2.9	1.9	1.0	0.0
-80°	4.6	3.9	3.1	2.3	1.6	0.8	0.0
-82.5°	3.5	2.9	2.3	1.8	1.2	0.6	0.0
-85°	2.3	1.9	1.6	1.2	0.8	0.4	0.0
-87.5°	1.2	1.0	0.8	0.6	0.4	0.2	0.0
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0

(END OF REPORT)