

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: P627668 (CONVERTED FROM TYPE C PHOTOMETRY)

Luminaire Tested: **GFLD-SA5D-722-U-NR-VSR-XX**

Issue Date: 12/7/2022

Test Information

Test Method: LM-79-08
Report Number: P627668 (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-SA5D-722-U-NR-VSR-XX
Description: GALLEON FLOOD, FIVE LIGHT SQAURE, NARROW SYMMETRICAL ROUND N3 WITH VISOR
Light Source: (80) 2200K CCT, 70 CRI LEDS
Ballast/Driver: -

Summary

Lumens per Lamp: N/A
Luminaire Lumens: 27668 lumens
Efficiency: N/A
Efficacy: 102.0 lumens/watt
Luminous Opening: Rectangular (W 1.5' x L: 1' x H: 0')

NEMA Type: 3H x 3V
Max Intensity: 280460.7 candela
Max Intensity Angle: 0°H x 0°V

Beam Angle (50%): 13.6°H x 13.6°V
Beam Lumens: 8832.9 lumens
Beam Efficiency: 31.9%

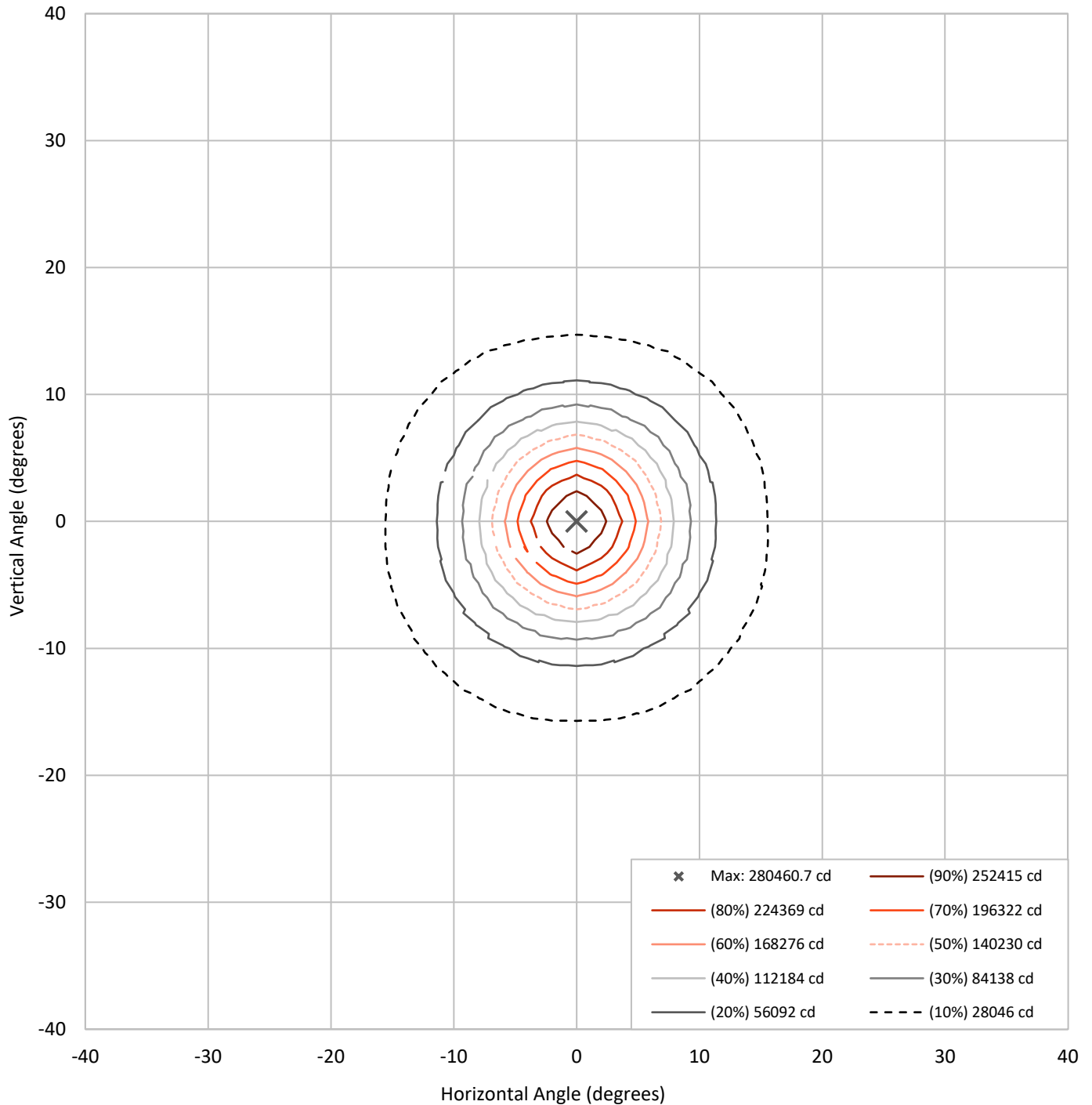
Field Angle (10%): 30.9°H x 30.2°V
Field Lumens: 19673.7 lumens
Field Efficiency: 71.1%

Input Watts (W): 271.3
Input Voltage (V): 120
Input Current (Ain): NR
Voltage Rise (V): NR
Power Factor: NR
Total Harmonic Distortion (THDi): NR
Frequency (hertz): 60
Stabilization Time: NR
Operation Time: NR
Ambient Temperature (°C): NR
Test Distance: 25 FT



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Iso-Candela Plot





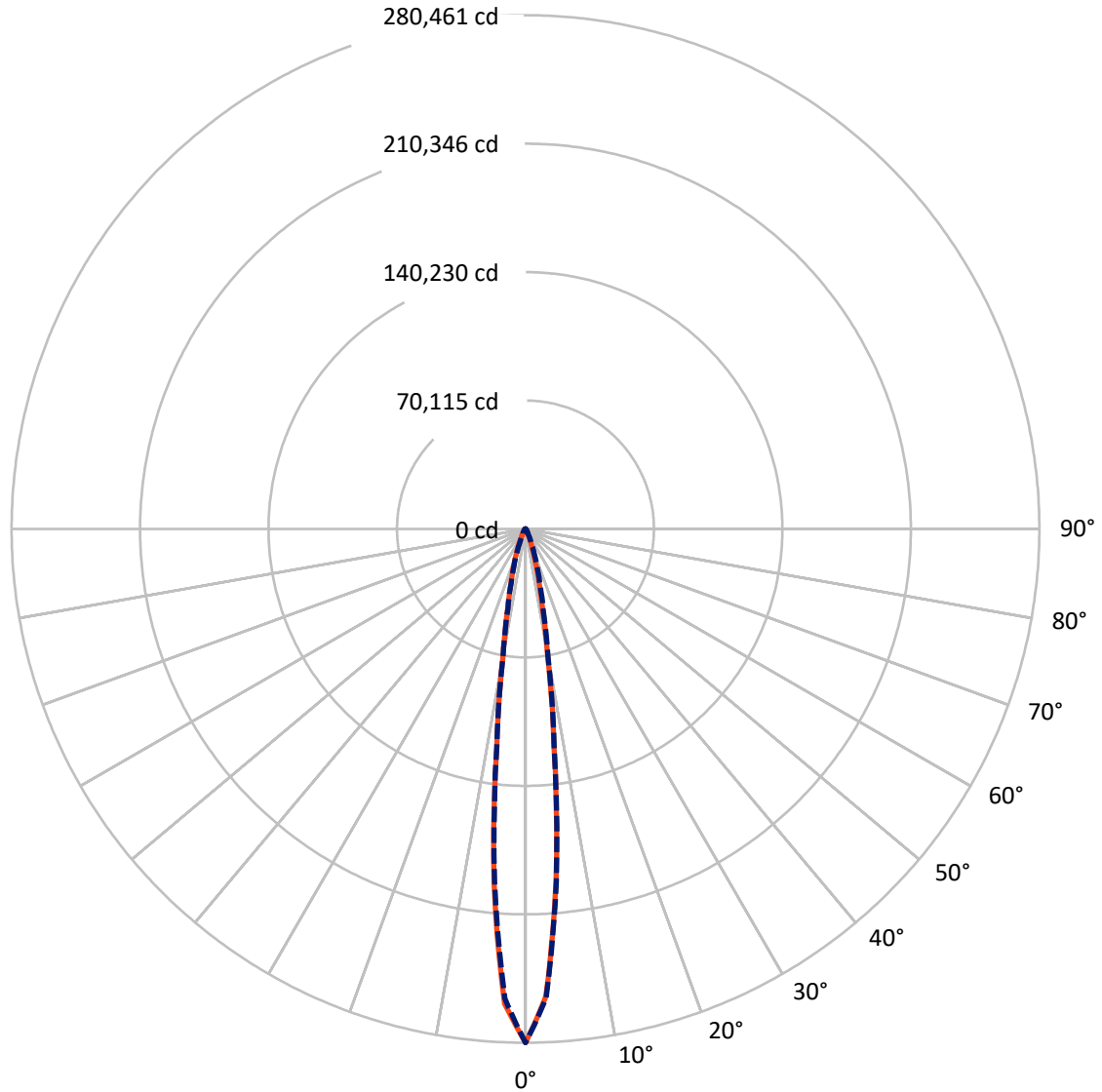
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Lumen Table

90	0.0	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	0.0	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	0.0	0.0	0.0	0.0	0.0	0.0		
70	0.1	0.0	0.0	0.0	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.0	0.0	0.0	0.1			
60		0.1	0.2	0.7	1.5	2.5	3.3	3.9	3.9	3.3	2.5	1.5	0.7	0.2	0.1				
50	0.1	0.2	0.8	2.4	4.5	6.6	9.3	11.0	11.0	9.3	6.6	4.5	2.4	0.8	0.2	0.1			
40		0.4	1.9	4.7	8.4	13.2	22.5	28.6	28.6	22.5	13.2	8.4	4.7	1.9	0.4				
30	0.2	0.8	3.1	7.1	13.0	28.1	75.1	124.5	124.5	75.1	28.1	13.0	7.1	3.1	0.8	0.2			
20		1.2	4.2	9.9	21.4	84.1	354.7	779.6	779.6	354.7	84.1	21.4	9.9	4.2	1.2				
10	0.4	1.5	5.2	11.6	29.0	157.9	849.9	3811.4	3811.4	849.9	157.9	29.0	11.6	5.2	1.5	0.4			
0		1.7	5.6	12.2	31.2	168.3	879.7	3876.1	3876.1	879.7	168.3	31.2	12.2	5.6	1.7				
-10	0.5	1.8	5.7	12.0	27.4	107.1	427.0	913.4	913.4	427.0	107.1	27.4	12.0	5.7	1.8	0.5			
-20		1.7	5.5	11.0	21.2	50.0	131.6	219.3	219.3	131.6	50.0	21.2	11.0	5.5	1.7				
-30	0.5	1.5	4.9	9.7	16.6	27.5	44.7	56.8	56.8	44.7	27.5	16.6	9.7	4.9	1.5	0.5			
-40		1.2	4.0	8.1	13.4	19.2	25.8	28.8	28.8	25.8	19.2	13.4	8.1	4.0	1.2				
-50	0.3	1.0	3.0	6.3	10.5	14.7	18.6	20.4	20.4	18.6	14.7	10.5	6.3	3.0	1.0	0.3			
-60		0.6	1.9	4.1	7.1	10.3	13.0	14.3	14.3	13.0	10.3	7.1	4.1	1.9	0.6				
-70	0.1	0.6	1.9	4.1	7.1	10.3	13.0	14.3	14.3	13.0	10.3	7.1	4.1	1.9	0.6	0.1			
-80		1.7	7.0	15.3	19.4	15.3	7.0	1.7	0.1										
-90	0.1	1.7	7.0	15.3	19.4	15.3	7.0	1.7	0.1	1.7	7.0	15.3	19.4	15.3	7.0	1.7	0.1		
	-90	-80	-70	-60	-50	-40	-30	-20	-10	0	10	20	30	40	50	60	70	80	90

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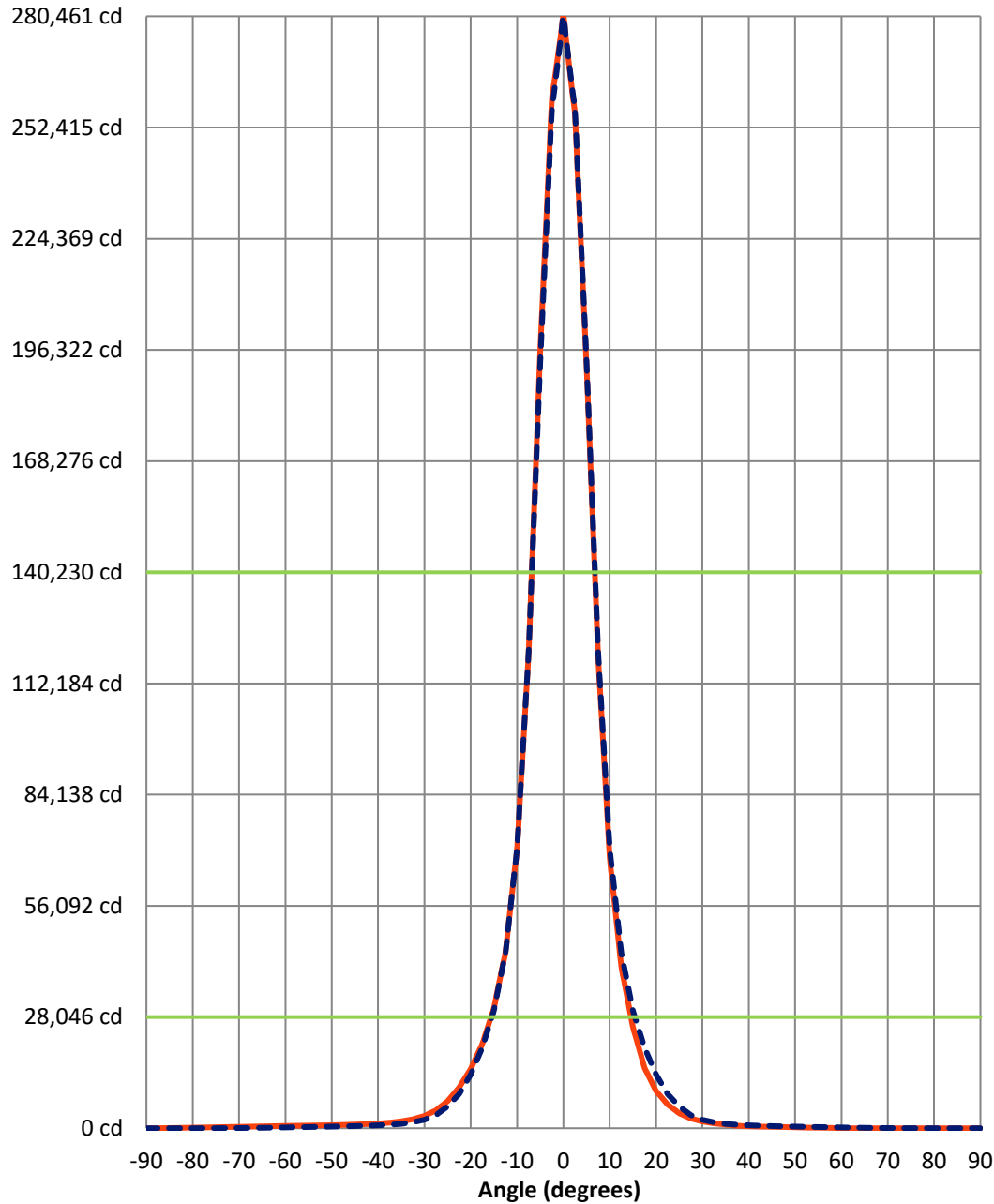
Luminous Intensity Polar Plot



— Vertical Distribution Through 0-Deg - - - Horizontal Distribution Through 0-Deg

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Luminous Intensity Plot



Beam:
 H Angle: 13.6°
 V Angle: 13.6°
 Lumens: 8832.9
 Efficiency: 31.9%

Field:
 H Angle: 30.9°
 V Angle: 30.2°
 Lumens: 19673.7
 Efficiency: 71.1%

Spill:
 Lumens: 7994.3
 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	0.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
82.5°	0.0	0.4	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	0.7	0.1	0.0	0.0	0.1	0.1	0.0	0.0	0.0	0.0
75°	0.0	0.8	0.1	0.0	0.1	0.5	0.2	0.0	0.1	0.5	0.2
72.5°	0.0	0.9	0.2	0.0	0.6	0.9	0.3	0.4	1.2	1.3	0.6
70°	0.0	1.1	0.2	0.1	1.2	1.3	0.7	1.8	2.5	2.2	0.8
67.5°	0.0	1.2	0.3	0.7	1.8	1.8	2.1	3.3	3.8	2.4	1.0
65°	0.0	1.4	0.5	1.3	2.4	2.5	3.4	4.9	4.0	2.6	1.8
62.5°	0.0	1.5	0.6	1.9	3.0	3.3	4.6	5.5	4.2	3.1	3.7
60°	0.0	1.7	0.8	2.5	3.7	4.1	5.8	5.7	4.4	4.3	5.4
57.5°	0.0	1.8	1.3	3.1	4.1	4.8	5.9	5.9	5.0	5.3	5.9
55°	0.0	2.0	1.8	3.7	4.5	5.4	5.9	5.9	5.5	5.9	5.9
52.5°	0.0	2.2	2.2	4.4	4.9	5.9	5.9	5.9	5.8	5.9	5.9
50°	0.0	2.3	2.7	5.0	5.2	5.9	5.9	5.9	5.9	5.9	6.9
47.5°	0.0	2.5	3.1	5.6	5.5	5.9	5.9	5.9	5.9	5.9	8.2
45°	0.0	2.7	3.4	5.7	5.7	5.9	5.9	5.9	6.1	7.4	9.8
42.5°	0.0	2.9	3.8	5.9	5.8	5.9	5.9	6.1	6.5	9.0	13.1
40°	0.0	3.1	4.1	5.9	5.9	5.9	5.9	6.6	7.5	10.9	16.9
37.5°	0.0	3.3	4.4	5.9	5.9	5.9	5.9	7.2	9.6	13.7	20.8
35°	0.0	3.4	4.7	5.9	5.9	5.9	5.9	7.9	11.8	17.5	25.6
32.5°	0.0	3.6	4.9	5.9	5.9	5.9	6.1	8.7	14.1	21.1	31.7
30°	0.0	3.8	5.1	5.9	5.9	5.9	6.7	9.9	16.5	24.6	38.4
27.5°	0.0	4.0	5.3	5.9	5.9	5.9	7.4	11.8	19.1	27.9	45.6
25°	0.0	4.2	5.4	5.9	5.9	5.9	8.1	13.7	21.9	32.9	53.3
22.5°	0.0	4.4	5.6	5.9	5.9	6.0	8.8	15.6	24.6	38.9	62.4
20°	0.0	4.6	5.7	5.9	5.9	6.5	9.6	17.5	27.2	44.9	70.7
17.5°	0.0	4.8	5.7	5.9	5.9	7.0	10.7	19.4	29.5	51.0	78.3
15°	0.0	5.0	5.8	5.9	5.9	7.6	11.9	21.2	31.8	57.0	85.3
12.5°	0.0	5.1	5.8	5.9	5.9	8.3	13.0	23.0	34.8	62.9	91.5
10°	0.0	5.3	5.9	5.9	5.9	9.0	14.1	24.6	38.6	68.3	97.0
7.5°	0.0	5.5	5.9	5.9	5.9	9.7	15.1	26.1	42.5	73.0	101.8
5°	0.0	5.6	5.9	5.9	5.9	10.5	16.1	27.5	46.3	77.0	106.1
2.5°	0.0	5.8	5.9	5.9	5.9	11.2	17.0	28.7	50.0	80.4	109.7
0°	0.0	5.9	5.9	5.9	5.9	11.9	17.8	29.7	53.4	83.1	112.8
-2.5°	0.0	5.9	5.9	5.9	6.4	12.5	19.4	31.5	56.4	85.3	116.6
-5°	0.0	5.9	5.9	5.9	6.9	13.1	20.8	33.1	59.0	87.0	119.8
-7.5°	0.0	5.8	5.9	5.9	7.4	13.6	22.1	34.6	61.2	88.4	122.1
-10°	0.0	5.8	5.9	5.9	7.9	14.0	23.3	35.9	62.7	89.3	123.6
-12.5°	0.0	5.8	5.9	5.9	8.3	14.4	24.3	37.0	63.7	90.2	125.9
-15°	0.0	5.7	5.9	5.9	8.6	14.7	25.0	37.9	63.9	92.0	128.0
-17.5°	0.0	5.6	5.9	5.9	8.9	15.0	25.5	38.8	63.5	92.9	129.0
-20°	0.0	5.5	5.9	5.9	9.0	15.2	25.9	39.6	62.6	92.9	128.8

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Scaled Data Report



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CATALOG NUMBER: GFLD-SA5D-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	5.5	5.9	5.9	9.1	15.3	26.2	40.0	61.2	91.8	127.4
-25°	0.0	5.3	5.9	5.9	9.1	15.7	26.3	40.2	59.3	89.7	124.6
-27.5°	0.0	5.2	5.9	5.9	8.9	16.1	26.4	40.1	56.9	86.6	121.9
-30°	0.0	5.1	5.9	5.9	8.7	16.4	26.2	39.6	55.7	83.4	117.8
-32.5°	0.0	5.0	5.9	5.9	8.7	16.5	25.9	39.2	55.0	79.7	112.2
-35°	0.0	4.8	5.9	5.9	8.6	16.5	25.8	38.6	53.9	75.5	105.1
-37.5°	0.0	4.7	5.9	5.9	8.4	16.3	25.7	37.9	52.3	70.8	101.0
-40°	0.0	4.5	5.9	5.9	8.0	16.0	25.4	37.0	50.3	67.7	97.3
-42.5°	0.0	4.3	5.9	6.0	8.0	15.5	24.9	36.0	48.7	66.3	92.7
-45°	0.0	4.2	5.9	6.1	8.2	14.9	24.1	34.9	47.3	64.3	87.6
-47.5°	0.0	4.0	5.9	6.2	8.3	14.1	23.2	33.7	45.7	61.5	84.3
-50°	0.0	3.8	5.9	6.3	8.4	13.2	22.0	32.2	44.0	59.2	79.9
-52.5°	0.0	3.6	5.9	6.4	8.4	12.1	20.6	30.5	41.8	56.0	74.7
-55°	0.0	3.4	5.9	6.4	8.4	11.7	19.0	28.5	39.3	51.8	69.3
-57.5°	0.0	3.2	5.9	6.4	8.3	11.5	17.2	26.2	36.5	48.0	62.8
-60°	0.0	2.9	5.9	6.3	8.1	11.1	15.4	23.7	33.3	44.2	56.2
-62.5°	0.0	2.7	5.4	6.3	7.9	10.6	14.6	20.9	29.9	40.0	51.2
-65°	0.0	2.5	5.0	6.2	7.6	10.1	13.7	18.4	26.2	35.4	45.7
-67.5°	0.0	2.3	4.5	6.1	7.2	9.5	12.7	16.9	22.2	30.5	39.8
-70°	0.0	2.0	4.0	5.9	6.9	8.7	11.5	15.2	19.8	25.4	33.6
-72.5°	0.0	1.8	3.5	5.3	6.4	8.0	10.3	13.4	17.4	22.1	27.6
-75°	0.0	1.5	3.1	4.6	6.0	7.1	9.0	11.8	14.7	18.6	23.2
-77.5°	0.0	1.3	2.6	3.8	5.1	6.2	7.5	10.1	12.8	15.5	18.6
-80°	0.0	1.0	2.0	3.1	4.1	5.1	6.1	8.4	10.9	13.3	15.7
-82.5°	0.0	0.8	1.5	2.3	3.1	3.8	4.6	6.6	8.9	11.2	13.4
-85°	0.0	0.5	1.0	1.5	2.0	2.6	3.1	4.4	6.1	7.9	10.0
-87.5°	0.0	0.3	0.5	0.8	1.0	1.3	1.5	2.2	3.0	4.0	5.0
-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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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	0.6	0.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0
67.5°	0.4	1.7	2.0	1.2	0.0	0.0	0.0	0.4	0.0	0.0	0.0
65°	2.9	3.8	2.9	1.5	0.1	1.4	2.0	1.6	0.2	0.0	0.0
62.5°	5.5	4.7	3.3	2.4	3.3	4.5	3.5	2.0	0.5	2.9	4.2
60°	5.9	5.0	4.1	4.7	6.0	5.3	3.9	5.8	8.7	11.0	13.3
57.5°	5.9	5.5	5.3	6.4	6.7	6.7	10.4	14.0	19.7	24.5	27.8
55°	6.1	5.8	6.7	8.0	10.0	14.2	19.4	27.4	33.7	43.5	51.9
52.5°	6.7	6.7	9.0	12.2	18.0	24.5	33.8	45.0	57.7	67.2	77.3
50°	7.7	9.9	12.7	20.4	28.3	38.6	53.8	70.1	80.8	91.6	106.0
47.5°	10.6	13.5	20.9	29.8	41.3	57.7	78.5	90.3	100.9	117.8	135.7
45°	14.2	20.2	29.4	41.6	57.5	80.5	96.9	106.6	124.9	144.4	164.9
42.5°	18.2	27.9	40.4	53.3	78.3	100.1	115.0	130.3	148.8	171.6	193.9
40°	24.7	35.5	52.4	72.7	98.2	119.5	138.1	155.7	173.8	203.6	227.3
37.5°	31.3	47.0	66.1	91.4	117.8	141.1	161.9	183.9	209.9	243.5	264.8
35°	37.7	58.9	82.3	109.3	137.3	163.6	188.6	214.4	248.0	279.9	305.3
32.5°	46.7	71.1	97.5	126.5	155.4	185.3	215.6	246.4	279.5	312.1	345.5
30°	58.0	84.1	111.9	143.1	172.1	206.7	241.8	274.4	307.8	342.1	379.8
27.5°	69.3	96.3	126.3	157.8	188.3	227.7	265.6	299.6	333.8	370.8	413.8
25°	79.8	108.6	139.9	171.0	206.8	249.0	290.5	329.9	358.9	400.9	451.2
22.5°	89.9	120.6	154.2	182.9	224.6	270.5	318.8	361.2	395.5	433.0	490.0
20°	99.9	132.9	167.6	199.7	242.5	291.8	349.1	392.8	435.4	483.7	542.0
17.5°	109.4	144.4	180.9	218.9	264.1	315.2	380.2	424.8	475.6	533.5	606.8
15°	118.4	155.0	194.2	236.9	283.6	338.6	401.3	456.9	517.7	584.5	671.2
12.5°	126.8	164.7	207.3	253.5	300.8	358.8	419.0	478.1	548.1	635.5	744.6
10°	134.5	173.5	220.0	268.7	315.7	375.8	434.6	496.1	569.9	666.0	790.8
7.5°	140.9	182.4	232.0	282.5	328.6	389.8	448.1	510.9	588.2	691.2	822.0
5°	146.3	191.7	243.2	291.4	339.3	401.8	459.3	522.7	602.8	710.9	844.2
2.5°	150.8	200.3	252.9	297.9	348.5	412.8	468.3	535.8	617.6	726.2	865.1
0°	154.3	207.8	261.2	302.8	356.2	421.5	474.9	546.2	629.3	736.1	884.5
-2.5°	161.5	214.0	266.2	308.4	364.4	422.9	479.2	547.7	633.7	743.8	888.1
-5°	167.6	218.9	269.8	312.7	370.5	422.8	481.1	546.4	635.2	748.2	894.6
-7.5°	172.2	222.8	272.2	316.1	373.8	424.7	483.7	550.6	639.8	752.3	903.0
-10°	175.2	225.5	274.1	320.3	374.6	426.7	484.8	551.6	639.1	749.7	898.4
-12.5°	176.8	227.1	275.1	322.6	374.4	426.5	483.4	549.0	632.5	740.3	880.0
-15°	177.3	227.8	275.0	322.8	373.5	424.0	479.6	542.7	620.8	724.4	851.2
-17.5°	176.8	227.4	273.8	320.9	372.2	419.2	473.6	534.3	608.8	705.7	827.9
-20°	175.3	226.2	271.7	316.6	370.2	414.6	467.8	526.4	596.4	684.2	793.5

Classified

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

Scaled Data Report



REPORT NUMBER: P627668 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA5D-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°	172.8	224.1	268.8	312.3	363.6	410.4	460.1	515.9	578.7	658.1	755.1
-25°	170.0	219.9	265.1	308.9	356.1	404.0	450.3	503.5	561.1	637.4	724.8
-27.5°	166.2	214.8	259.9	304.3	348.2	395.3	440.6	490.8	547.9	615.1	693.2
-30°	160.7	207.6	252.7	297.9	341.2	385.5	429.3	477.1	530.8	594.3	666.4
-32.5°	153.8	199.5	243.7	288.4	333.4	375.7	416.9	462.8	513.3	569.0	637.5
-35°	146.7	190.8	233.9	276.5	323.9	364.7	404.4	446.5	493.5	545.3	601.1
-37.5°	140.1	181.5	223.5	263.7	308.6	351.1	389.7	429.7	473.1	520.7	571.4
-40°	133.0	171.5	212.5	251.7	291.1	334.4	373.0	411.7	451.7	499.3	544.5
-42.5°	125.6	163.1	201.0	239.5	277.1	315.8	354.2	391.4	433.7	478.7	523.0
-45°	119.5	154.2	189.4	226.8	263.9	298.9	335.0	369.7	412.7	457.7	501.0
-47.5°	112.3	145.2	179.3	213.2	249.6	284.6	317.0	352.1	388.7	431.2	476.6
-50°	104.8	136.0	167.5	199.4	233.9	268.9	301.8	334.2	368.7	403.6	442.8
-52.5°	98.5	125.7	154.9	184.2	216.8	251.0	284.3	316.7	348.4	381.3	414.7
-55°	91.0	116.0	141.7	169.1	197.7	230.4	263.4	295.0	327.5	358.2	390.9
-57.5°	82.7	105.1	128.5	154.2	180.2	207.0	239.0	270.5	301.0	332.0	365.8
-60°	73.2	93.2	114.6	138.2	163.6	188.1	214.0	243.2	272.6	302.0	333.2
-62.5°	63.5	80.8	100.1	120.7	144.0	168.1	191.8	216.6	243.1	268.7	295.7
-65°	57.0	69.2	85.3	103.7	122.8	144.4	166.8	189.7	213.0	234.8	255.6
-67.5°	50.0	61.1	72.9	86.5	103.9	122.1	140.0	160.5	181.4	201.4	220.8
-70°	42.7	52.5	63.0	74.3	86.6	101.5	118.3	134.7	150.8	167.5	185.6
-72.5°	35.0	43.5	52.6	62.4	72.9	84.7	97.6	111.6	125.9	139.8	153.8
-75°	28.7	34.3	41.8	50.1	59.2	68.5	77.8	88.8	100.9	113.1	125.0
-77.5°	23.6	28.8	34.0	39.1	45.5	54.0	62.3	70.5	79.0	88.1	97.9
-80°	19.2	23.2	27.9	32.6	37.1	42.2	48.0	54.5	60.4	66.5	73.1
-82.5°	16.0	19.1	22.4	26.1	28.7	31.4	34.5	38.2	42.2	46.3	50.5
-85°	12.3	14.8	17.0	19.5	20.7	22.0	23.5	25.1	27.7	30.2	32.6
-87.5°	6.2	7.4	8.8	10.2	10.8	11.4	12.0	12.6	14.2	15.9	17.6
-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: P627668 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA5D-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°	0.3	0.0	0.0	0.0	0.1	1.1	1.5	1.3	0.6	0.0	0.0
62.5°	3.5	2.9	4.6	6.1	6.8	6.5	6.0	5.4	4.6	4.2	4.8
60°	14.3	14.0	19.5	22.1	20.2	14.2	22.4	26.4	25.4	21.7	21.6
57.5°	34.9	42.3	47.8	50.1	58.0	70.8	73.2	68.9	67.4	68.8	79.5
55°	60.4	66.4	69.6	80.3	89.9	96.8	100.9	105.0	111.1	118.5	126.2
52.5°	85.4	93.7	100.1	109.7	121.2	125.1	124.1	138.7	150.2	157.5	160.5
50°	117.2	127.6	142.4	157.5	164.1	170.5	177.2	189.3	206.8	228.7	241.3
47.5°	151.6	168.0	183.4	200.7	209.4	216.2	226.3	247.3	272.3	295.9	308.1
45°	182.6	197.1	214.8	229.7	240.5	253.6	268.2	287.1	315.2	339.8	356.8
42.5°	207.4	223.8	242.0	260.1	271.0	288.7	310.8	336.7	366.0	391.6	410.5
40°	242.2	256.1	285.2	302.3	306.6	323.1	367.5	402.8	436.0	467.5	483.2
37.5°	284.3	311.4	341.6	357.1	372.4	401.6	461.0	518.0	560.3	602.9	626.2
35°	332.1	367.7	408.8	427.2	460.0	523.6	593.3	672.6	771.3	812.7	850.3
32.5°	378.6	418.4	456.3	497.5	554.9	630.8	709.5	838.0	958.1	1051.1	1119.0
30°	419.8	462.0	509.1	562.1	642.9	747.6	879.0	1045.3	1214.6	1362.3	1487.2
27.5°	460.5	508.5	564.5	643.6	757.4	899.5	1109.2	1346.5	1629.1	1837.3	2085.8
25°	505.2	560.0	631.9	746.6	900.1	1112.6	1447.9	1833.3	2296.5	2672.2	3065.3
22.5°	558.0	639.1	730.1	858.0	1126.1	1476.3	1934.3	2593.0	3305.7	3964.5	4599.1
20°	621.8	732.6	878.8	1114.2	1458.4	1976.2	2772.0	3823.3	4871.3	5987.4	7061.9
17.5°	712.9	872.7	1099.7	1434.8	1888.4	2912.7	4203.9	5829.9	7918.7	9811.8	11464.6
15°	798.3	989.3	1347.7	1848.7	2639.9	3997.4	5958.6	8642.2	11897.8	14864.8	17998.4
12.5°	888.1	1113.5	1525.1	2163.0	3262.4	5029.7	7785.8	11463.0	15539.4	20011.0	25104.4
10°	959.1	1232.8	1725.6	2534.4	3889.6	6090.4	9373.4	13833.0	19250.0	25867.6	34009.7
7.5°	1007.1	1328.4	1891.3	2806.4	4467.1	7175.2	11127.3	16487.5	23259.7	32026.7	43419.6
5°	1044.6	1401.4	2015.8	3054.3	4955.6	8003.3	12426.7	18812.1	26823.3	38569.5	57877.2
2.5°	1074.7	1457.3	2092.9	3225.0	5262.2	8579.9	13298.6	20127.3	28944.6	43406.8	68456.0
0°	1098.2	1507.9	2143.1	3330.3	5497.1	8637.5	13570.7	20367.9	29705.9	44279.8	70732.6
-2.5°	1108.3	1534.9	2160.3	3353.4	5473.6	8736.5	13653.7	20560.1	29677.2	43801.5	68189.9
-5°	1125.0	1534.5	2147.3	3329.9	5350.9	8480.6	13111.5	19484.3	27886.9	40034.3	60015.3
-7.5°	1136.9	1510.0	2085.1	3179.0	5029.7	7927.3	12158.7	17702.0	24628.3	33851.5	46226.4
-10°	1125.9	1463.0	1981.5	2925.9	4530.3	7039.7	10709.8	15349.0	21105.5	27940.6	36348.4
-12.5°	1083.6	1376.3	1812.4	2571.3	3883.5	6045.4	9252.1	13202.1	17462.7	22263.0	28072.9
-15°	1030.0	1282.8	1660.0	2328.1	3403.9	5060.0	7401.0	10605.5	14023.3	17667.9	21554.5
-17.5°	988.3	1200.8	1513.1	1996.8	2788.0	4104.8	5944.5	8220.9	10732.5	13507.4	15810.5
-20°	931.8	1099.7	1361.9	1756.9	2360.6	3233.0	4572.9	6226.6	7884.0	9835.0	11426.1

Classified

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

Scaled Data Report



REPORT NUMBER: P627668 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA5D-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°	875.3	1021.5	1221.0	1510.1	1959.3	2618.4	3446.2	4550.5	5762.5	6882.3	7984.7
-25°	822.8	935.4	1096.7	1333.9	1638.6	2088.4	2677.7	3311.1	4110.0	4791.7	5548.2
-27.5°	780.3	877.0	996.0	1169.9	1406.4	1695.7	2117.6	2542.1	2962.2	3306.3	3827.1
-30°	739.2	817.1	916.7	1040.6	1217.9	1440.9	1714.7	1990.1	2232.6	2453.8	2725.0
-32.5°	698.9	762.3	838.7	941.6	1068.7	1236.3	1404.6	1602.0	1770.5	1926.1	2070.0
-35°	658.5	714.9	773.1	859.9	961.3	1080.3	1202.7	1336.4	1453.1	1557.9	1650.5
-37.5°	622.1	671.6	726.3	790.9	872.7	962.3	1062.2	1159.3	1236.4	1304.4	1360.6
-40°	591.3	636.4	683.2	734.9	797.1	867.9	952.7	1033.6	1087.6	1129.2	1163.2
-42.5°	563.8	603.5	643.4	687.3	735.0	796.2	863.2	930.1	966.7	998.8	1023.5
-45°	541.8	572.2	605.7	643.3	685.6	736.8	789.5	835.6	868.2	895.8	916.4
-47.5°	512.6	541.9	571.0	601.9	641.3	684.1	727.6	763.1	791.5	815.6	831.3
-50°	480.4	511.3	538.0	565.2	601.4	637.7	672.7	702.0	729.1	752.7	765.1
-52.5°	447.2	480.3	508.3	534.8	565.3	596.9	628.5	653.6	677.3	699.6	708.9
-55°	423.3	453.8	482.7	507.6	532.7	558.0	583.8	609.9	633.3	654.4	660.7
-57.5°	397.4	428.5	457.0	479.4	502.1	524.9	548.5	572.1	594.7	615.0	620.1
-60°	365.8	399.5	424.9	446.0	468.0	490.6	511.1	532.1	553.2	570.9	576.6
-62.5°	325.7	356.4	381.4	403.7	425.0	444.6	464.6	484.2	503.2	517.1	521.7
-65°	277.6	303.7	329.5	352.8	373.8	392.7	411.2	429.1	446.3	458.6	464.7
-67.5°	239.7	258.5	279.2	299.3	320.4	339.8	356.5	372.2	387.0	397.4	403.9
-70°	203.1	221.0	240.4	259.6	277.9	293.7	307.0	319.9	332.5	341.7	348.6
-72.5°	168.1	183.3	199.5	216.3	233.1	247.4	259.6	271.2	282.0	289.9	296.3
-75°	136.6	149.1	162.7	176.4	189.9	201.3	211.5	221.4	231.1	238.1	244.0
-77.5°	108.4	118.9	129.6	140.3	151.0	159.3	166.8	174.1	181.2	186.7	191.7
-80°	80.3	88.6	97.1	105.6	114.1	120.4	126.1	131.4	136.5	139.8	142.6
-82.5°	54.9	60.6	66.6	72.6	78.6	83.3	87.8	92.2	96.5	98.0	99.1
-85°	35.1	37.9	41.0	44.3	47.7	50.3	52.8	55.1	57.3	59.4	61.3
-87.5°	19.4	20.0	20.5	21.0	21.5	23.3	25.1	26.9	28.7	29.0	29.2
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



REPORT NUMBER: P627668 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA5D-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	0.6	1.3
62.5°	5.3	5.6	5.8	5.9	5.8	5.6	5.3	4.8	4.2	4.6	5.4
60°	20.3	18.1	17.7	17.8	17.7	18.1	20.3	21.6	21.7	25.4	26.4
57.5°	90.3	100.5	103.3	100.9	103.3	100.5	90.3	79.5	68.8	67.4	68.9
55°	131.4	134.6	136.0	136.5	136.0	134.6	131.4	126.2	118.5	111.1	105.0
52.5°	161.2	160.1	159.9	160.3	159.9	160.1	161.2	160.5	157.5	150.2	138.7
50°	242.2	237.8	236.1	237.5	236.1	237.8	242.2	241.3	228.7	206.8	189.3
47.5°	309.6	311.0	313.1	314.6	313.1	311.0	309.6	308.1	295.9	272.3	247.3
45°	361.6	364.8	366.9	368.1	366.9	364.8	361.6	356.8	339.8	315.2	287.1
42.5°	414.7	415.1	414.5	415.6	414.5	415.1	414.7	410.5	391.6	366.0	336.7
40°	489.5	491.1	489.4	486.8	489.4	491.1	489.5	483.2	467.5	436.0	402.8
37.5°	639.7	641.9	634.8	629.3	634.8	641.9	639.7	626.2	602.9	560.3	518.0
35°	884.7	910.1	922.2	926.1	922.2	910.1	884.7	850.3	812.7	771.3	672.6
32.5°	1166.0	1201.3	1219.0	1234.8	1219.0	1201.3	1166.0	1119.0	1051.1	958.1	838.0
30°	1569.2	1634.3	1663.0	1703.8	1663.0	1634.3	1569.2	1487.2	1362.3	1214.6	1045.3
27.5°	2226.9	2341.4	2404.7	2463.6	2404.7	2341.4	2226.9	2085.8	1837.3	1629.1	1346.5
25°	3350.9	3571.4	3714.1	3781.5	3714.1	3571.4	3350.9	3065.3	2672.2	2296.5	1833.3
22.5°	5212.9	5619.4	5933.0	5995.8	5933.0	5619.4	5212.9	4599.1	3964.5	3305.7	2593.0
20°	8104.3	8685.9	9159.1	9397.4	9159.1	8685.9	8104.3	7061.9	5987.4	4871.3	3823.3
17.5°	13433.1	14643.0	15195.6	15286.3	15195.6	14643.0	13433.1	11464.6	9811.8	7918.7	5829.9
15°	21360.9	23408.1	24707.6	25544.5	24707.6	23408.1	21360.9	17998.4	14864.8	11897.8	8642.2
12.5°	30406.3	36223.3	39533.2	40795.1	39533.2	36223.3	30406.3	25104.4	20011.0	15539.4	11463.0
10°	42682.8	56376.8	64276.2	68251.1	64276.2	56376.8	42682.8	34009.7	25867.6	19250.0	13833.0
7.5°	63519.0	84669.6	108103.7	118945.3	108103.7	84669.6	63519.0	43419.6	32026.7	23259.7	16487.5
5°	85422.9	131861.1	172620.3	192138.5	172620.3	131861.1	85422.9	57877.2	38569.5	26823.3	18812.1
2.5°	110598.0	173224.2	231127.3	255474.3	231127.3	173224.2	110598.0	68456.0	43406.8	28944.6	20127.3
0°	120286.9	193236.7	256563.5	280460.7	256563.5	193236.7	120286.9	70732.6	44279.8	29705.9	20367.9
-2.5°	112095.8	176258.2	232122.1	259427.8	232122.1	176258.2	112095.8	68189.9	43801.5	29677.2	20560.1
-5°	89065.8	132587.8	173960.4	196210.9	173960.4	132587.8	89065.8	60015.3	40034.3	27886.9	19484.3
-7.5°	65368.8	89061.7	112038.6	120073.2	112038.6	89061.7	65368.8	46226.4	33851.5	24628.3	17702.0
-10°	45511.1	59078.5	68034.4	70590.1	68034.4	59078.5	45511.1	36348.4	27940.6	21105.5	15349.0
-12.5°	33741.9	39676.3	43805.3	44523.2	43805.3	39676.3	33741.9	28072.9	22263.0	17462.7	13202.1
-15°	24985.0	28002.8	30132.4	30275.8	30132.4	28002.8	24985.0	21554.5	17667.9	14023.3	10605.5
-17.5°	18264.2	20289.9	21364.6	21288.0	21364.6	20289.9	18264.2	15810.5	13507.4	10732.5	8220.9
-20°	13059.9	14281.0	15146.9	14977.6	15146.9	14281.0	13059.9	11426.1	9835.0	7884.0	6226.6



REPORT NUMBER: P627668 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA5D-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°	9106.3	9916.9	10424.3	10293.8	10424.3	9916.9	9106.3	7984.7	6882.3	5762.5	4550.5
-25°	6187.6	6629.2	6880.5	6838.8	6880.5	6629.2	6187.6	5548.2	4791.7	4110.0	3311.1
-27.5°	4216.5	4449.8	4527.7	4523.6	4527.7	4449.8	4216.5	3827.1	3306.3	2962.2	2542.1
-30°	2926.6	3083.4	3173.1	3116.6	3173.1	3083.4	2926.6	2725.0	2453.8	2232.6	1990.1
-32.5°	2181.3	2269.7	2320.8	2267.7	2320.8	2269.7	2181.3	2070.0	1926.1	1770.5	1602.0
-35°	1719.0	1763.7	1781.7	1751.2	1781.7	1763.7	1719.0	1650.5	1557.9	1453.1	1336.4
-37.5°	1401.5	1427.7	1436.6	1418.8	1436.6	1427.7	1401.5	1360.6	1304.4	1236.4	1159.3
-40°	1187.5	1203.6	1207.6	1193.2	1207.6	1203.6	1187.5	1163.2	1129.2	1087.6	1033.6
-42.5°	1039.1	1048.7	1050.9	1044.8	1050.9	1048.7	1039.1	1023.5	998.8	966.7	930.1
-45°	928.6	936.8	938.4	932.0	938.4	936.8	928.6	916.4	895.8	868.2	835.6
-47.5°	839.2	844.3	845.6	843.0	845.6	844.3	839.2	831.3	815.6	791.5	763.1
-50°	770.8	774.3	774.6	771.7	774.6	774.3	770.8	765.1	752.7	729.1	702.0
-52.5°	713.4	715.8	717.5	718.3	717.5	715.8	713.4	708.9	699.6	677.3	653.6
-55°	665.1	668.3	670.2	670.8	670.2	668.3	665.1	660.7	654.4	633.3	609.9
-57.5°	624.1	627.0	628.7	629.3	628.7	627.0	624.1	620.1	615.0	594.7	572.1
-60°	581.2	584.7	587.0	587.7	587.0	584.7	581.2	576.6	570.9	553.2	532.1
-62.5°	524.7	526.2	527.7	528.3	527.7	526.2	524.7	521.7	517.1	503.2	484.2
-65°	469.3	472.5	474.3	474.9	474.3	472.5	469.3	464.7	458.6	446.3	429.1
-67.5°	409.2	413.4	417.8	421.5	417.8	413.4	409.2	403.9	397.4	387.0	372.2
-70°	354.8	360.0	361.7	362.1	361.7	360.0	354.8	348.6	341.7	332.5	319.9
-72.5°	302.0	306.9	311.1	314.6	311.1	306.9	302.0	296.3	289.9	282.0	271.2
-75°	249.2	253.8	255.0	255.3	255.0	253.8	249.2	244.0	238.1	231.1	221.4
-77.5°	196.4	200.6	201.6	201.8	201.6	200.6	196.4	191.7	186.7	181.2	174.1
-80°	145.3	147.6	151.1	154.3	151.1	147.6	145.3	142.6	139.8	136.5	131.4
-82.5°	99.9	100.5	100.8	100.9	100.8	100.5	99.9	99.1	98.0	96.5	92.2
-85°	63.2	65.0	65.2	65.3	65.2	65.0	63.2	61.3	59.4	57.3	55.1
-87.5°	29.4	29.6	29.7	29.7	29.7	29.6	29.4	29.2	29.0	28.7	26.9
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



REPORT NUMBER: P627668 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA5D-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	0.4
65°	1.5	1.1	0.1	0.0	0.0	0.0	0.3	0.0	0.0	0.2	1.6
62.5°	6.0	6.5	6.8	6.1	4.6	2.9	3.5	4.2	2.9	0.5	2.0
60°	22.4	14.2	20.2	22.1	19.5	14.0	14.3	13.3	11.0	8.7	5.8
57.5°	73.2	70.8	58.0	50.1	47.8	42.3	34.9	27.8	24.5	19.7	14.0
55°	100.9	96.8	89.9	80.3	69.6	66.4	60.4	51.9	43.5	33.7	27.4
52.5°	124.1	125.1	121.2	109.7	100.1	93.7	85.4	77.3	67.2	57.7	45.0
50°	177.2	170.5	164.1	157.5	142.4	127.6	117.2	106.0	91.6	80.8	70.1
47.5°	226.3	216.2	209.4	200.7	183.4	168.0	151.6	135.7	117.8	100.9	90.3
45°	268.2	253.6	240.5	229.7	214.8	197.1	182.6	164.9	144.4	124.9	106.6
42.5°	310.8	288.7	271.0	260.1	242.0	223.8	207.4	193.9	171.6	148.8	130.3
40°	367.5	323.1	306.6	302.3	285.2	256.1	242.2	227.3	203.6	173.8	155.7
37.5°	461.0	401.6	372.4	357.1	341.6	311.4	284.3	264.8	243.5	209.9	183.9
35°	593.3	523.6	460.0	427.2	408.8	367.7	332.1	305.3	279.9	248.0	214.4
32.5°	709.5	630.8	554.9	497.5	456.3	418.4	378.6	345.5	312.1	279.5	246.4
30°	879.0	747.6	642.9	562.1	509.1	462.0	419.8	379.8	342.1	307.8	274.4
27.5°	1109.2	899.5	757.4	643.6	564.5	508.5	460.5	413.8	370.8	333.8	299.6
25°	1447.9	1112.6	900.1	746.6	631.9	560.0	505.2	451.2	400.9	358.9	329.9
22.5°	1934.3	1476.3	1126.1	858.0	730.1	639.1	558.0	490.0	433.0	395.5	361.2
20°	2772.0	1976.2	1458.4	1114.2	878.8	732.6	621.8	542.0	483.7	435.4	392.8
17.5°	4203.9	2912.7	1888.4	1434.8	1099.7	872.7	712.9	606.8	533.5	475.6	424.8
15°	5958.6	3997.4	2639.9	1848.7	1347.7	989.3	798.3	671.2	584.5	517.7	456.9
12.5°	7785.8	5029.7	3262.4	2163.0	1525.1	1113.5	888.1	744.6	635.5	548.1	478.1
10°	9373.4	6090.4	3889.6	2534.4	1725.6	1232.8	959.1	790.8	666.0	569.9	496.1
7.5°	11127.3	7175.2	4467.1	2806.4	1891.3	1328.4	1007.1	822.0	691.2	588.2	510.9
5°	12426.7	8003.3	4955.6	3054.3	2015.8	1401.4	1044.6	844.2	710.9	602.8	522.7
2.5°	13298.6	8579.9	5262.2	3225.0	2092.9	1457.3	1074.7	865.1	726.2	617.6	535.8
0°	13570.7	8637.5	5497.1	3330.3	2143.1	1507.9	1098.2	884.5	736.1	629.3	546.2
-2.5°	13653.7	8736.5	5473.6	3353.4	2160.3	1534.9	1108.3	888.1	743.8	633.7	547.7
-5°	13111.5	8480.6	5350.9	3329.9	2147.3	1534.5	1125.0	894.6	748.2	635.2	546.4
-7.5°	12158.7	7927.3	5029.7	3179.0	2085.1	1510.0	1136.9	903.0	752.3	639.8	550.6
-10°	10709.8	7039.7	4530.3	2925.9	1981.5	1463.0	1125.9	898.4	749.7	639.1	551.6
-12.5°	9252.1	6045.4	3883.5	2571.3	1812.4	1376.3	1083.6	880.0	740.3	632.5	549.0
-15°	7401.0	5060.0	3403.9	2328.1	1660.0	1282.8	1030.0	851.2	724.4	620.8	542.7
-17.5°	5944.5	4104.8	2788.0	1996.8	1513.1	1200.8	988.3	827.9	705.7	608.8	534.3
-20°	4572.9	3233.0	2360.6	1756.9	1361.9	1099.7	931.8	793.5	684.2	596.4	526.4

Classified

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

Scaled Data Report



REPORT NUMBER: P627668 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA5D-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°	3446.2	2618.4	1959.3	1510.1	1221.0	1021.5	875.3	755.1	658.1	578.7	515.9
-25°	2677.7	2088.4	1638.6	1333.9	1096.7	935.4	822.8	724.8	637.4	561.1	503.5
-27.5°	2117.6	1695.7	1406.4	1169.9	996.0	877.0	780.3	693.2	615.1	547.9	490.8
-30°	1714.7	1440.9	1217.9	1040.6	916.7	817.1	739.2	666.4	594.3	530.8	477.1
-32.5°	1404.6	1236.3	1068.7	941.6	838.7	762.3	698.9	637.5	569.0	513.3	462.8
-35°	1202.7	1080.3	961.3	859.9	773.1	714.9	658.5	601.1	545.3	493.5	446.5
-37.5°	1062.2	962.3	872.7	790.9	726.3	671.6	622.1	571.4	520.7	473.1	429.7
-40°	952.7	867.9	797.1	734.9	683.2	636.4	591.3	544.5	499.3	451.7	411.7
-42.5°	863.2	796.2	735.0	687.3	643.4	603.5	563.8	523.0	478.7	433.7	391.4
-45°	789.5	736.8	685.6	643.3	605.7	572.2	541.8	501.0	457.7	412.7	369.7
-47.5°	727.6	684.1	641.3	601.9	571.0	541.9	512.6	476.6	431.2	388.7	352.1
-50°	672.7	637.7	601.4	565.2	538.0	511.3	480.4	442.8	403.6	368.7	334.2
-52.5°	628.5	596.9	565.3	534.8	508.3	480.3	447.2	414.7	381.3	348.4	316.7
-55°	583.8	558.0	532.7	507.6	482.7	453.8	423.3	390.9	358.2	327.5	295.0
-57.5°	548.5	524.9	502.1	479.4	457.0	428.5	397.4	365.8	332.0	301.0	270.5
-60°	511.1	490.6	468.0	446.0	424.9	399.5	365.8	333.2	302.0	272.6	243.2
-62.5°	464.6	444.6	425.0	403.7	381.4	356.4	325.7	295.7	268.7	243.1	216.6
-65°	411.2	392.7	373.8	352.8	329.5	303.7	277.6	255.6	234.8	213.0	189.7
-67.5°	356.5	339.8	320.4	299.3	279.2	258.5	239.7	220.8	201.4	181.4	160.5
-70°	307.0	293.7	277.9	259.6	240.4	221.0	203.1	185.6	167.5	150.8	134.7
-72.5°	259.6	247.4	233.1	216.3	199.5	183.3	168.1	153.8	139.8	125.9	111.6
-75°	211.5	201.3	189.9	176.4	162.7	149.1	136.6	125.0	113.1	100.9	88.8
-77.5°	166.8	159.3	151.0	140.3	129.6	118.9	108.4	97.9	88.1	79.0	70.5
-80°	126.1	120.4	114.1	105.6	97.1	88.6	80.3	73.1	66.5	60.4	54.5
-82.5°	87.8	83.3	78.6	72.6	66.6	60.6	54.9	50.5	46.3	42.2	38.2
-85°	52.8	50.3	47.7	44.3	41.0	37.9	35.1	32.6	30.2	27.7	25.1
-87.5°	25.1	23.3	21.5	21.0	20.5	20.0	19.4	17.6	15.9	14.2	12.6
-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: P627668 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA5D-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	0.5	0.1	0.0
72.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.6	1.3	1.2	0.4
70°	0.0	0.0	0.0	0.5	0.6	0.0	0.0	0.8	2.2	2.5	1.8
67.5°	0.0	0.0	0.0	1.2	2.0	1.7	0.4	1.0	2.4	3.8	3.3
65°	2.0	1.4	0.1	1.5	2.9	3.8	2.9	1.8	2.6	4.0	4.9
62.5°	3.5	4.5	3.3	2.4	3.3	4.7	5.5	3.7	3.1	4.2	5.5
60°	3.9	5.3	6.0	4.7	4.1	5.0	5.9	5.4	4.3	4.4	5.7
57.5°	10.4	6.7	6.7	6.4	5.3	5.5	5.9	5.9	5.3	5.0	5.9
55°	19.4	14.2	10.0	8.0	6.7	5.8	6.1	5.9	5.9	5.5	5.9
52.5°	33.8	24.5	18.0	12.2	9.0	6.7	6.7	5.9	5.9	5.8	5.9
50°	53.8	38.6	28.3	20.4	12.7	9.9	7.7	6.9	5.9	5.9	5.9
47.5°	78.5	57.7	41.3	29.8	20.9	13.5	10.6	8.2	5.9	5.9	5.9
45°	96.9	80.5	57.5	41.6	29.4	20.2	14.2	9.8	7.4	6.1	5.9
42.5°	115.0	100.1	78.3	53.3	40.4	27.9	18.2	13.1	9.0	6.5	6.1
40°	138.1	119.5	98.2	72.7	52.4	35.5	24.7	16.9	10.9	7.5	6.6
37.5°	161.9	141.1	117.8	91.4	66.1	47.0	31.3	20.8	13.7	9.6	7.2
35°	188.6	163.6	137.3	109.3	82.3	58.9	37.7	25.6	17.5	11.8	7.9
32.5°	215.6	185.3	155.4	126.5	97.5	71.1	46.7	31.7	21.1	14.1	8.7
30°	241.8	206.7	172.1	143.1	111.9	84.1	58.0	38.4	24.6	16.5	9.9
27.5°	265.6	227.7	188.3	157.8	126.3	96.3	69.3	45.6	27.9	19.1	11.8
25°	290.5	249.0	206.8	171.0	139.9	108.6	79.8	53.3	32.9	21.9	13.7
22.5°	318.8	270.5	224.6	182.9	154.2	120.6	89.9	62.4	38.9	24.6	15.6
20°	349.1	291.8	242.5	199.7	167.6	132.9	99.9	70.7	44.9	27.2	17.5
17.5°	380.2	315.2	264.1	218.9	180.9	144.4	109.4	78.3	51.0	29.5	19.4
15°	401.3	338.6	283.6	236.9	194.2	155.0	118.4	85.3	57.0	31.8	21.2
12.5°	419.0	358.8	300.8	253.5	207.3	164.7	126.8	91.5	62.9	34.8	23.0
10°	434.6	375.8	315.7	268.7	220.0	173.5	134.5	97.0	68.3	38.6	24.6
7.5°	448.1	389.8	328.6	282.5	232.0	182.4	140.9	101.8	73.0	42.5	26.1
5°	459.3	401.8	339.3	291.4	243.2	191.7	146.3	106.1	77.0	46.3	27.5
2.5°	468.3	412.8	348.5	297.9	252.9	200.3	150.8	109.7	80.4	50.0	28.7
0°	474.9	421.5	356.2	302.8	261.2	207.8	154.3	112.8	83.1	53.4	29.7
-2.5°	479.2	422.9	364.4	308.4	266.2	214.0	161.5	116.6	85.3	56.4	31.5
-5°	481.1	422.8	370.5	312.7	269.8	218.9	167.6	119.8	87.0	59.0	33.1
-7.5°	483.7	424.7	373.8	316.1	272.2	222.8	172.2	122.1	88.4	61.2	34.6
-10°	484.8	426.7	374.6	320.3	274.1	225.5	175.2	123.6	89.3	62.7	35.9
-12.5°	483.4	426.5	374.4	322.6	275.1	227.1	176.8	125.9	90.2	63.7	37.0
-15°	479.6	424.0	373.5	322.8	275.0	227.8	177.3	128.0	92.0	63.9	37.9
-17.5°	473.6	419.2	372.2	320.9	273.8	227.4	176.8	129.0	92.9	63.5	38.8
-20°	467.8	414.6	370.2	316.6	271.7	226.2	175.3	128.8	92.9	62.6	39.6

Classified

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Scaled Data Report



REPORT NUMBER: P627668 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA5D-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°	460.1	410.4	363.6	312.3	268.8	224.1	172.8	127.4	91.8	61.2	40.0
-25°	450.3	404.0	356.1	308.9	265.1	219.9	170.0	124.6	89.7	59.3	40.2
-27.5°	440.6	395.3	348.2	304.3	259.9	214.8	166.2	121.9	86.6	56.9	40.1
-30°	429.3	385.5	341.2	297.9	252.7	207.6	160.7	117.8	83.4	55.7	39.6
-32.5°	416.9	375.7	333.4	288.4	243.7	199.5	153.8	112.2	79.7	55.0	39.2
-35°	404.4	364.7	323.9	276.5	233.9	190.8	146.7	105.1	75.5	53.9	38.6
-37.5°	389.7	351.1	308.6	263.7	223.5	181.5	140.1	101.0	70.8	52.3	37.9
-40°	373.0	334.4	291.1	251.7	212.5	171.5	133.0	97.3	67.7	50.3	37.0
-42.5°	354.2	315.8	277.1	239.5	201.0	163.1	125.6	92.7	66.3	48.7	36.0
-45°	335.0	298.9	263.9	226.8	189.4	154.2	119.5	87.6	64.3	47.3	34.9
-47.5°	317.0	284.6	249.6	213.2	179.3	145.2	112.3	84.3	61.5	45.7	33.7
-50°	301.8	268.9	233.9	199.4	167.5	136.0	104.8	79.9	59.2	44.0	32.2
-52.5°	284.3	251.0	216.8	184.2	154.9	125.7	98.5	74.7	56.0	41.8	30.5
-55°	263.4	230.4	197.7	169.1	141.7	116.0	91.0	69.3	51.8	39.3	28.5
-57.5°	239.0	207.0	180.2	154.2	128.5	105.1	82.7	62.8	48.0	36.5	26.2
-60°	214.0	188.1	163.6	138.2	114.6	93.2	73.2	56.2	44.2	33.3	23.7
-62.5°	191.8	168.1	144.0	120.7	100.1	80.8	63.5	51.2	40.0	29.9	20.9
-65°	166.8	144.4	122.8	103.7	85.3	69.2	57.0	45.7	35.4	26.2	18.4
-67.5°	140.0	122.1	103.9	86.5	72.9	61.1	50.0	39.8	30.5	22.2	16.9
-70°	118.3	101.5	86.6	74.3	63.0	52.5	42.7	33.6	25.4	19.8	15.2
-72.5°	97.6	84.7	72.9	62.4	52.6	43.5	35.0	27.6	22.1	17.4	13.4
-75°	77.8	68.5	59.2	50.1	41.8	34.3	28.7	23.2	18.6	14.7	11.8
-77.5°	62.3	54.0	45.5	39.1	34.0	28.8	23.6	18.6	15.5	12.8	10.1
-80°	48.0	42.2	37.1	32.6	27.9	23.2	19.2	15.7	13.3	10.9	8.4
-82.5°	34.5	31.4	28.7	26.1	22.4	19.1	16.0	13.4	11.2	8.9	6.6
-85°	23.5	22.0	20.7	19.5	17.0	14.8	12.3	10.0	7.9	6.1	4.4
-87.5°	12.0	11.4	10.8	10.2	8.8	7.4	6.2	5.0	4.0	3.0	2.2
-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-SA5D-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	0.3	0.0
82.5°	0.0	0.0	0.0	0.0	0.0	0.4	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	0.7	0.0
75°	0.2	0.5	0.1	0.0	0.1	0.8	0.0
72.5°	0.3	0.9	0.6	0.0	0.2	0.9	0.0
70°	0.7	1.3	1.2	0.1	0.2	1.1	0.0
67.5°	2.1	1.8	1.8	0.7	0.3	1.2	0.0
65°	3.4	2.5	2.4	1.3	0.5	1.4	0.0
62.5°	4.6	3.3	3.0	1.9	0.6	1.5	0.0
60°	5.8	4.1	3.7	2.5	0.8	1.7	0.0
57.5°	5.9	4.8	4.1	3.1	1.3	1.8	0.0
55°	5.9	5.4	4.5	3.7	1.8	2.0	0.0
52.5°	5.9	5.9	4.9	4.4	2.2	2.2	0.0
50°	5.9	5.9	5.2	5.0	2.7	2.3	0.0
47.5°	5.9	5.9	5.5	5.6	3.1	2.5	0.0
45°	5.9	5.9	5.7	5.7	3.4	2.7	0.0
42.5°	5.9	5.9	5.8	5.9	3.8	2.9	0.0
40°	5.9	5.9	5.9	5.9	4.1	3.1	0.0
37.5°	5.9	5.9	5.9	5.9	4.4	3.3	0.0
35°	5.9	5.9	5.9	5.9	4.7	3.4	0.0
32.5°	6.1	5.9	5.9	5.9	4.9	3.6	0.0
30°	6.7	5.9	5.9	5.9	5.1	3.8	0.0
27.5°	7.4	5.9	5.9	5.9	5.3	4.0	0.0
25°	8.1	5.9	5.9	5.9	5.4	4.2	0.0
22.5°	8.8	6.0	5.9	5.9	5.6	4.4	0.0
20°	9.6	6.5	5.9	5.9	5.7	4.6	0.0
17.5°	10.7	7.0	5.9	5.9	5.7	4.8	0.0
15°	11.9	7.6	5.9	5.9	5.8	5.0	0.0
12.5°	13.0	8.3	5.9	5.9	5.8	5.1	0.0
10°	14.1	9.0	5.9	5.9	5.9	5.3	0.0
7.5°	15.1	9.7	5.9	5.9	5.9	5.5	0.0
5°	16.1	10.5	5.9	5.9	5.9	5.6	0.0
2.5°	17.0	11.2	5.9	5.9	5.9	5.8	0.0
0°	17.8	11.9	5.9	5.9	5.9	5.9	0.0
-2.5°	19.4	12.5	6.4	5.9	5.9	5.9	0.0
-5°	20.8	13.1	6.9	5.9	5.9	5.9	0.0
-7.5°	22.1	13.6	7.4	5.9	5.9	5.8	0.0
-10°	23.3	14.0	7.9	5.9	5.9	5.8	0.0
-12.5°	24.3	14.4	8.3	5.9	5.9	5.8	0.0
-15°	25.0	14.7	8.6	5.9	5.9	5.7	0.0
-17.5°	25.5	15.0	8.9	5.9	5.9	5.6	0.0
-20°	25.9	15.2	9.0	5.9	5.9	5.5	0.0

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CATALOG NUMBER: GFLD-SA5D-722-U-NR-VSR-XX

CANDELA DISTRIBUTION (continued):

	75°	77.5°	80°	82.5°	85°	87.5°	90°
-22.5°	26.2	15.3	9.1	5.9	5.9	5.5	0.0
-25°	26.3	15.7	9.1	5.9	5.9	5.3	0.0
-27.5°	26.4	16.1	8.9	5.9	5.9	5.2	0.0
-30°	26.2	16.4	8.7	5.9	5.9	5.1	0.0
-32.5°	25.9	16.5	8.7	5.9	5.9	5.0	0.0
-35°	25.8	16.5	8.6	5.9	5.9	4.8	0.0
-37.5°	25.7	16.3	8.4	5.9	5.9	4.7	0.0
-40°	25.4	16.0	8.0	5.9	5.9	4.5	0.0
-42.5°	24.9	15.5	8.0	6.0	5.9	4.3	0.0
-45°	24.1	14.9	8.2	6.1	5.9	4.2	0.0
-47.5°	23.2	14.1	8.3	6.2	5.9	4.0	0.0
-50°	22.0	13.2	8.4	6.3	5.9	3.8	0.0
-52.5°	20.6	12.1	8.4	6.4	5.9	3.6	0.0
-55°	19.0	11.7	8.4	6.4	5.9	3.4	0.0
-57.5°	17.2	11.5	8.3	6.4	5.9	3.2	0.0
-60°	15.4	11.1	8.1	6.3	5.9	2.9	0.0
-62.5°	14.6	10.6	7.9	6.3	5.4	2.7	0.0
-65°	13.7	10.1	7.6	6.2	5.0	2.5	0.0
-67.5°	12.7	9.5	7.2	6.1	4.5	2.3	0.0
-70°	11.5	8.7	6.9	5.9	4.0	2.0	0.0
-72.5°	10.3	8.0	6.4	5.3	3.5	1.8	0.0
-75°	9.0	7.1	6.0	4.6	3.1	1.5	0.0
-77.5°	7.5	6.2	5.1	3.8	2.6	1.3	0.0
-80°	6.1	5.1	4.1	3.1	2.0	1.0	0.0
-82.5°	4.6	3.8	3.1	2.3	1.5	0.8	0.0
-85°	3.1	2.6	2.0	1.5	1.0	0.5	0.0
-87.5°	1.5	1.3	1.0	0.8	0.5	0.3	0.0
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0

(END OF REPORT)