

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: P626987 (CONVERTED FROM TYPE C PHOTOMETRY)

Luminaire Tested: **GFLD-SA2D-740-U-MWR-XX**

Issue Date: 12/7/2022

Test Information

Test Method: LM-79-08
Report Number: P626987 (CONVERTED FROM TYPE C PHOTOMETRY)
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G2-2210-813-15)
Test Lab: COOPER LIGHTING SOLUTIONS
Issue Date: 12/7/2022
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: MCGRAW-EDISON
Catalog Number: GFLD-SA2D-740-U-MWR-XX
Description: GALLEON FLOOD, TWO LIGHT SQAURE, MEDIUM WIDE SYMMETRICAL ROUND N53
Light Source: (32) 4000K CCT, 70 CRI LEDS
Ballast/Driver: -

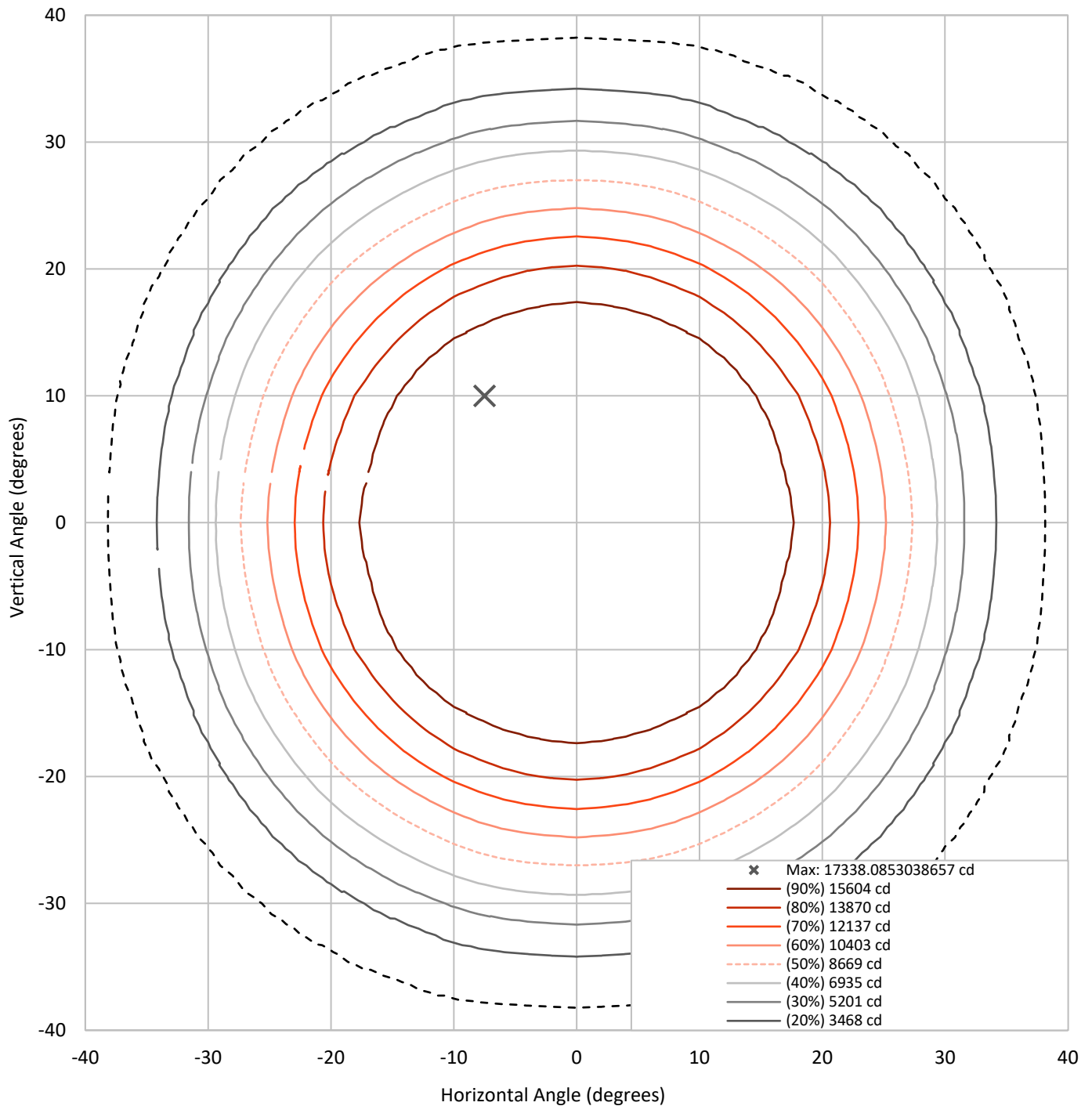
Summary

Lumens per Lamp:	N/A	NEMA Type:	5H x 5V
Luminaire Lumens:	14756.3 lumens	Max Intensity:	17338.1 candela
Efficiency:	N/A	Max Intensity Angle:	-7.5°H x 10°V
Efficacy:	135.8 lumens/watt		
Luminous Opening:	Rectangular (W 1' x L: 0.5' x H: 0')		
Beam Angle (50%):	51°H x 52.3°V	Field Angle (10%):	74.5°H x 75.5°V
Beam Lumens:	9794.4 lumens	Field Lumens:	12735.5 lumens
Beam Efficiency:	66.4%	Field Efficiency:	86.3%
Input Watts (W):	108.7		
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		



REPORT NUMBER: P626987 (CONVERTED FROM TYPE C PHOTOMETRY)
CATALOG NUMBER: GFLD-SA2D-740-U-MWR-XX

Iso-Candela Plot





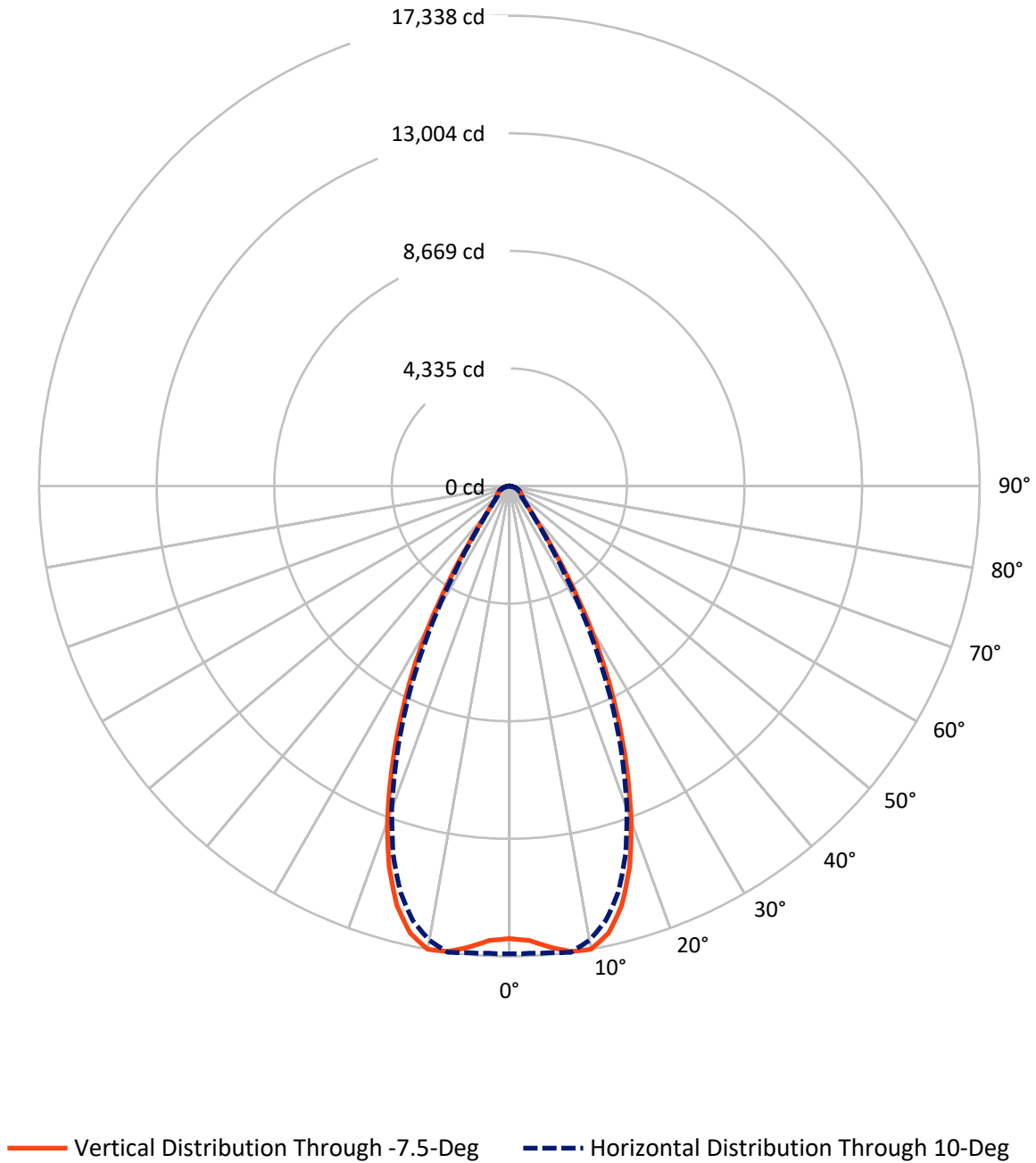
REPORT NUMBER: P626987 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA2D-740-U-MWR-XX

Lumen Table

90	0.4	3.5		9.3		14.7		16.4		14.7		9.3		3.5		0.4			
80	0.4	3.5		9.3		14.7		16.4		14.7		9.3		3.5		0.4			
70	1.6	1.8	3.6	5.9	8.3	10.0	11.3	12.0	12.0	11.3	10.0	8.3	5.9	3.6	1.8	1.6			
60		2.7	5.3	8.5	11.4	13.8	15.4	16.1	16.1	15.4	13.8	11.4	8.5	5.3	2.7				
50	2.8	3.4	6.7	10.3	13.8	18.0	22.7	26.0	26.0	22.7	18.0	13.8	10.3	6.7	3.4	2.8			
40		4.1	7.8	11.9	18.4	33.5	64.2	95.2	95.2	64.2	33.5	18.4	11.9	7.8	4.1				
30	3.6	4.5	8.5	13.9	30.2	94.7	212.5	296.8	296.8	212.5	94.7	30.2	13.9	8.5	4.5	3.6			
20		4.9	9.0	16.5	54.6	202.0	385.6	482.7	482.7	385.6	202.0	54.6	16.5	9.0	4.9				
10	3.9	5.0	9.2	18.5	78.7	276.4	467.9	509.0	509.0	467.9	276.4	78.7	18.5	9.2	5.0	3.9			
0		5.0	9.2	18.5	78.7	276.4	467.9	509.0	509.0	467.9	276.4	78.7	18.5	9.2	5.0				
-10	3.6	4.9	9.0	16.5	54.6	202.0	385.6	482.7	482.7	385.6	202.0	54.6	16.5	9.0	4.9	3.6			
-20		4.5	8.5	13.9	30.2	94.7	212.5	296.8	296.8	212.5	94.7	30.2	13.9	8.5	4.5				
-30	2.8	4.1	7.8	11.9	18.4	33.5	64.2	95.2	95.2	64.2	33.5	18.4	11.9	7.8	4.1	2.8			
-40		3.4	6.7	10.3	13.8	18.0	22.7	26.0	26.0	22.7	18.0	13.8	10.3	6.7	3.4				
-50	1.6	2.7	5.3	8.5	11.4	13.8	15.4	16.1	16.1	15.4	13.8	11.4	8.5	5.3	2.7	1.6			
-60		1.8	3.6	5.9	8.3	10.0	11.3	12.0	12.0	11.3	10.0	8.3	5.9	3.6	1.8				
-70	0.4	3.5		9.3		14.7		16.4		14.7		9.3		3.5		0.4			
-80		3.5		9.3		14.7		16.4		14.7		9.3		3.5					
-90	0.4	3.5		9.3		14.7		16.4		14.7		9.3		3.5		0.4			
	-90	-80	-70	-60	-50	-40	-30	-20	-10	0	10	20	30	40	50	60	70	80	90

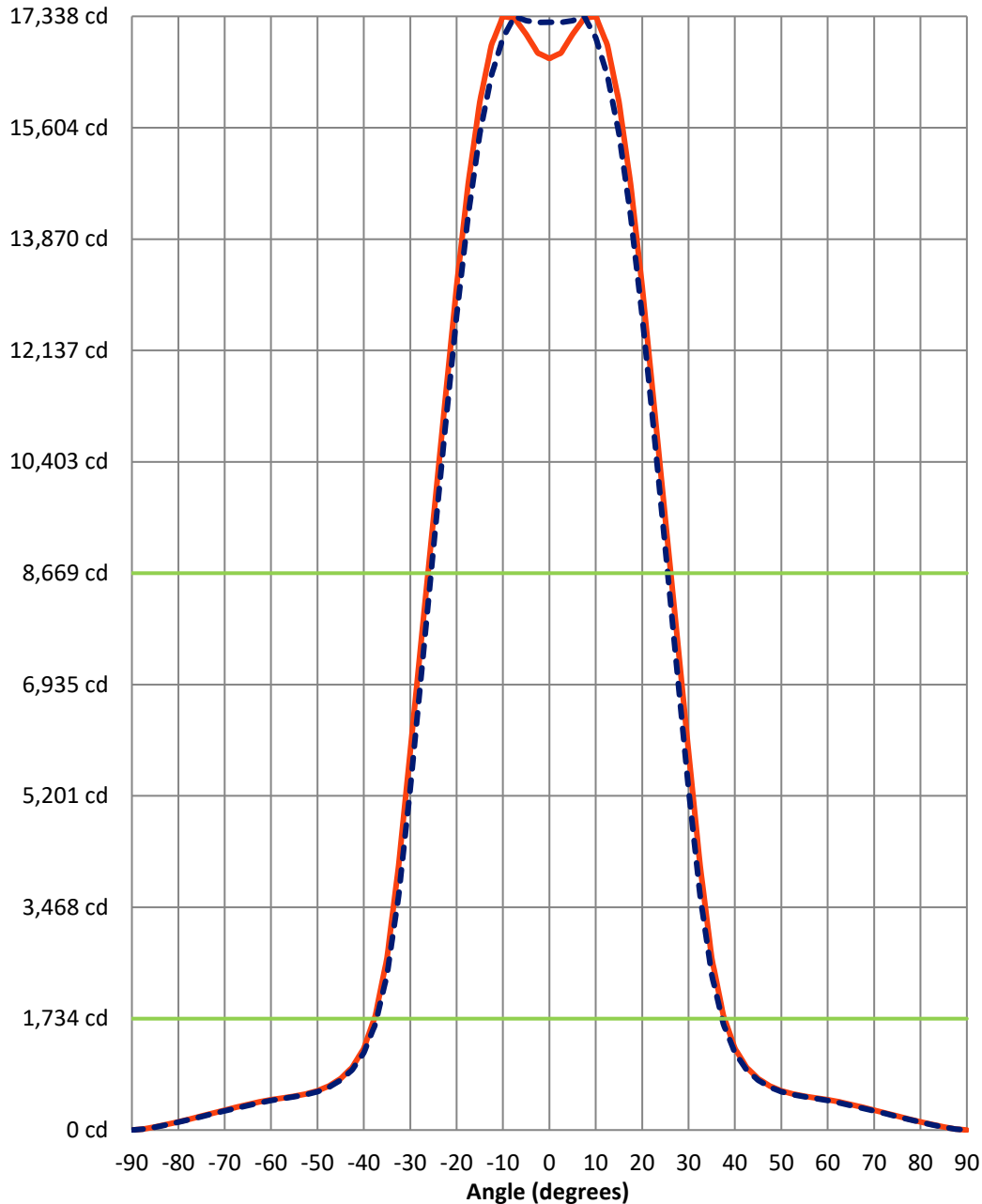
REPORT NUMBER: P626987 (CONVERTED FROM TYPE C PHOTOMETRY)
CATALOG NUMBER: GFLD-SA2D-740-U-MWR-XX

Luminous Intensity Polar Plot



REPORT NUMBER: P626987 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA2D-740-U-MWR-XX

Luminous Intensity Plot



Beam:
 H Angle: 51°
 V Angle: 52.3°
 Lumens: 9794.4
 Efficiency: 66.4%

Field:
 H Angle: 74.5°
 V Angle: 75.5°
 Lumens: 12735.5
 Efficiency: 86.3%

Spill:
 Lumens: 2020.8
 Efficiency: 13.7%

— Vertical Distribution through -7.5-Deg
 - - Horizontal Distribution through 10-Deg

Classified

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

Scaled Data Report



REPORT NUMBER: P626987 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA2D-740-U-MWR-XX

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	0.7	1.3	2.0	2.6	3.3	3.9	4.8	5.7	6.7	7.7
85°	0.0	1.3	2.6	4.0	5.3	6.6	7.9	9.6	11.4	13.3	15.3
82.5°	0.0	2.0	4.0	5.9	7.9	9.8	11.8	14.3	17.4	21.9	26.2
80°	0.0	2.6	5.3	7.9	10.5	13.1	16.2	22.3	28.2	33.7	38.9
77.5°	0.0	3.3	6.6	9.8	13.1	17.7	24.7	31.9	38.9	45.4	52.4
75°	0.0	3.9	7.9	11.8	16.2	24.7	33.1	41.5	49.7	59.3	68.7
72.5°	0.0	4.6	9.1	13.7	21.8	31.6	41.4	51.5	62.8	73.9	84.9
70°	0.0	5.2	10.4	16.0	27.3	38.4	49.7	62.8	75.6	88.3	101.7
67.5°	0.0	5.8	11.6	20.0	32.7	45.2	59.2	73.9	88.3	103.2	118.3
65°	0.0	6.4	12.8	24.0	38.0	52.3	68.5	84.9	101.1	117.7	135.4
62.5°	0.0	7.0	14.0	27.9	43.2	59.8	77.6	95.6	113.6	132.4	153.7
60°	0.0	7.6	15.2	31.7	48.2	67.1	86.4	106.1	125.7	148.2	171.5
57.5°	0.0	8.2	17.6	35.5	53.8	74.1	95.2	116.3	138.9	163.7	188.3
55°	0.0	8.7	20.0	39.1	59.2	81.0	103.9	126.3	152.1	178.5	204.4
52.5°	0.0	9.3	22.3	42.6	64.5	87.7	112.3	137.3	164.8	192.6	220.0
50°	0.0	9.8	24.5	46.0	69.5	94.5	120.6	148.1	177.0	206.2	235.2
47.5°	0.0	10.3	26.6	49.4	74.4	101.2	128.6	158.4	188.7	219.4	249.8
45°	0.0	10.7	28.6	52.8	79.0	107.7	137.1	168.2	199.9	232.0	263.9
42.5°	0.0	11.2	30.5	56.1	83.4	113.9	145.1	177.6	210.7	244.1	277.2
40°	0.0	11.6	32.3	59.2	87.9	119.8	152.7	186.4	220.9	255.7	290.0
37.5°	0.0	12.1	34.0	62.0	92.4	125.5	159.8	194.8	230.7	266.9	302.3
35°	0.0	12.4	35.6	64.7	96.7	131.1	166.5	202.6	240.1	277.3	313.8
32.5°	0.0	12.8	37.1	67.2	100.7	136.3	172.8	209.8	249.1	287.0	323.9
30°	0.0	13.2	38.5	69.5	104.5	141.2	178.6	216.6	257.5	296.0	333.3
27.5°	0.0	13.5	39.7	71.6	107.9	145.7	183.9	223.3	265.1	304.2	342.0
25°	0.0	13.8	40.8	73.6	110.9	149.8	188.7	229.5	271.8	311.4	350.0
22.5°	0.0	14.0	41.9	75.3	113.7	153.4	193.0	235.2	277.8	317.8	357.2
20°	0.0	14.3	42.7	76.9	116.1	156.5	196.8	240.3	283.1	323.6	363.7
17.5°	0.0	14.5	43.5	78.2	118.3	159.2	200.3	244.9	287.7	328.6	369.3
15°	0.0	14.7	44.2	79.4	120.1	161.5	203.4	249.0	291.5	332.9	374.1
12.5°	0.0	14.8	44.7	80.3	121.6	163.4	206.1	252.6	295.0	336.4	378.1
10°	0.0	15.0	45.1	81.0	122.8	164.9	208.3	255.6	298.0	339.8	381.5
7.5°	0.0	15.1	45.4	81.6	123.7	166.0	210.1	257.9	300.4	342.5	384.5
5°	0.0	15.1	45.5	81.9	124.3	166.7	211.4	259.6	302.1	344.4	386.7
2.5°	0.0	15.2	45.6	82.0	124.5	167.0	212.1	260.6	303.1	345.5	388.0
0°	0.0	15.2	45.5	81.9	124.4	166.9	212.4	260.9	303.4	345.9	388.4
-2.5°	0.0	15.2	45.6	82.0	124.5	167.0	212.1	260.6	303.1	345.5	388.0
-5°	0.0	15.1	45.5	81.9	124.3	166.7	211.4	259.6	302.1	344.4	386.7
-7.5°	0.0	15.1	45.4	81.6	123.7	166.0	210.1	257.9	300.4	342.5	384.5
-10°	0.0	15.0	45.1	81.0	122.8	164.9	208.3	255.6	298.0	339.8	381.5
-12.5°	0.0	14.8	44.7	80.3	121.6	163.4	206.1	252.6	295.0	336.4	378.1
-15°	0.0	14.7	44.2	79.4	120.1	161.5	203.4	249.0	291.5	332.9	374.1
-17.5°	0.0	14.5	43.5	78.2	118.3	159.2	200.3	244.9	287.7	328.6	369.3
-20°	0.0	14.3	42.7	76.9	116.1	156.5	196.8	240.3	283.1	323.6	363.7

Classified

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

Scaled Data Report



REPORT NUMBER: P626987 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA2D-740-U-MWR-XX

CANDELA DISTRIBUTION (continued):

	-90°	-87.5°	-85°	-82.5°	-80°	-77.5°	-75°	-72.5°	-70°	-67.5°	-65°
-22.5°	0.0	14.0	41.9	75.3	113.7	153.4	193.0	235.2	277.8	317.8	357.2
-25°	0.0	13.8	40.8	73.6	110.9	149.8	188.7	229.5	271.8	311.4	350.0
-27.5°	0.0	13.5	39.7	71.6	107.9	145.7	183.9	223.3	265.1	304.2	342.0
-30°	0.0	13.2	38.5	69.5	104.5	141.2	178.6	216.6	257.5	296.0	333.3
-32.5°	0.0	12.8	37.1	67.2	100.7	136.3	172.8	209.8	249.1	287.0	323.9
-35°	0.0	12.4	35.6	64.7	96.7	131.1	166.5	202.6	240.1	277.3	313.8
-37.5°	0.0	12.1	34.0	62.0	92.4	125.5	159.8	194.8	230.7	266.9	302.3
-40°	0.0	11.6	32.3	59.2	87.9	119.8	152.7	186.4	220.9	255.7	290.0
-42.5°	0.0	11.2	30.5	56.1	83.4	113.9	145.1	177.6	210.7	244.1	277.2
-45°	0.0	10.7	28.6	52.8	79.0	107.7	137.1	168.2	199.9	232.0	263.9
-47.5°	0.0	10.3	26.6	49.4	74.4	101.2	128.6	158.4	188.7	219.4	249.8
-50°	0.0	9.8	24.5	46.0	69.5	94.5	120.6	148.1	177.0	206.2	235.2
-52.5°	0.0	9.3	22.3	42.6	64.5	87.7	112.3	137.3	164.8	192.6	220.0
-55°	0.0	8.7	20.0	39.1	59.2	81.0	103.9	126.3	152.1	178.5	204.4
-57.5°	0.0	8.2	17.6	35.5	53.8	74.1	95.2	116.3	138.9	163.7	188.3
-60°	0.0	7.6	15.2	31.7	48.2	67.1	86.4	106.1	125.7	148.2	171.5
-62.5°	0.0	7.0	14.0	27.9	43.2	59.8	77.6	95.6	113.6	132.4	153.7
-65°	0.0	6.4	12.8	24.0	38.0	52.3	68.5	84.9	101.1	117.7	135.4
-67.5°	0.0	5.8	11.6	20.0	32.7	45.2	59.2	73.9	88.3	103.2	118.3
-70°	0.0	5.2	10.4	16.0	27.3	38.4	49.7	62.8	75.6	88.3	101.7
-72.5°	0.0	4.6	9.1	13.7	21.8	31.6	41.4	51.5	62.8	73.9	84.9
-75°	0.0	3.9	7.9	11.8	16.2	24.7	33.1	41.5	49.7	59.3	68.7
-77.5°	0.0	3.3	6.6	9.8	13.1	17.7	24.7	31.9	38.9	45.4	52.4
-80°	0.0	2.6	5.3	7.9	10.5	13.1	16.2	22.3	28.2	33.7	38.9
-82.5°	0.0	2.0	4.0	5.9	7.9	9.8	11.8	14.3	17.4	21.9	26.2
-85°	0.0	1.3	2.6	4.0	5.3	6.6	7.9	9.6	11.4	13.3	15.3
-87.5°	0.0	0.7	1.3	2.0	2.6	3.3	3.9	4.8	5.7	6.7	7.7
-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: P626987 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA2D-740-U-MWR-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°	8.4	9.1	9.8	10.4	11.1	11.7	12.3	12.9	13.4	13.9	14.4
85°	16.8	18.2	20.6	23.1	25.4	27.7	29.9	32.0	34.0	35.9	37.8
82.5°	30.1	34.0	38.0	42.1	45.7	49.1	52.5	55.9	59.3	62.8	66.2
80°	44.2	49.7	56.0	61.9	67.2	72.1	76.9	81.5	86.5	91.8	97.2
77.5°	60.5	68.4	75.7	82.6	89.2	96.5	103.4	110.2	117.1	124.0	130.6
75°	78.1	87.0	96.4	105.6	114.6	123.3	131.8	140.4	149.2	157.8	166.1
72.5°	96.2	107.5	118.6	129.3	140.5	151.3	161.8	171.9	182.3	193.0	203.1
70°	115.0	127.9	141.5	154.7	167.2	179.9	192.7	205.0	217.1	229.4	241.6
67.5°	133.9	150.1	165.5	180.1	194.8	209.8	224.2	238.9	253.2	267.6	281.3
65°	154.8	172.5	189.2	206.0	222.7	240.2	257.3	273.8	290.4	306.4	320.8
62.5°	175.2	194.0	212.6	231.6	251.6	271.3	289.9	308.8	328.1	344.8	359.5
60°	194.0	214.9	235.7	257.4	279.5	300.6	321.5	342.1	362.8	382.1	394.0
57.5°	212.2	235.3	258.3	281.7	305.0	328.6	350.5	373.1	392.3	408.6	422.4
55°	229.9	255.0	279.5	304.0	329.2	353.8	377.7	399.2	417.9	431.5	444.9
52.5°	247.1	273.6	298.9	325.4	352.1	378.3	403.3	423.2	438.6	452.5	464.9
50°	263.8	290.7	317.5	346.2	374.4	402.1	425.6	443.0	458.7	472.2	485.3
47.5°	279.5	307.5	336.1	366.3	396.0	422.8	444.4	462.6	478.6	493.2	508.6
45°	294.5	324.3	354.5	385.7	416.0	441.9	462.7	482.3	497.3	513.8	531.4
42.5°	309.1	340.4	372.1	404.3	434.9	459.1	479.9	497.9	515.5	534.9	556.3
40°	323.0	355.6	388.7	422.2	452.7	474.2	494.5	513.6	534.9	558.1	582.9
37.5°	336.1	369.9	404.2	439.0	465.8	487.9	508.8	530.0	554.9	581.7	615.3
35°	348.2	383.2	418.7	452.0	477.5	501.0	522.5	546.3	575.3	610.4	653.5
32.5°	359.5	395.5	432.0	462.6	488.4	512.7	534.9	564.4	599.4	641.1	702.1
30°	370.0	406.8	443.4	473.0	498.2	522.6	549.5	582.8	623.7	684.7	762.6
27.5°	379.6	417.0	452.3	481.7	506.9	532.1	563.6	604.0	657.8	730.5	827.5
25°	388.5	426.7	460.8	488.9	515.0	542.9	577.1	622.6	693.3	787.2	918.3
22.5°	396.5	435.6	469.1	495.2	522.5	552.8	592.8	649.6	731.1	840.8	1009.8
20°	403.7	442.2	475.2	501.2	529.5	561.0	606.7	675.3	773.6	915.6	1131.3
17.5°	409.9	448.1	479.8	506.8	536.3	570.3	620.3	697.4	811.2	980.8	1254.2
15°	415.3	453.1	483.7	511.7	542.3	580.9	639.1	726.4	855.0	1048.7	1361.2
12.5°	419.8	457.2	486.9	515.6	547.2	589.8	655.2	753.8	900.4	1132.0	1519.0
10°	423.3	460.4	489.4	518.7	551.0	596.9	668.3	776.2	938.1	1204.2	1653.5
7.5°	426.6	462.8	491.0	520.9	553.7	602.2	678.2	793.4	966.9	1260.9	1760.0
5°	429.0	464.2	492.0	522.1	556.0	605.7	685.0	805.4	986.8	1301.4	1834.9
2.5°	430.4	464.7	492.2	522.5	557.7	607.2	688.5	812.0	1002.5	1320.6	1875.2
0°	430.9	464.2	491.6	521.9	558.3	606.9	688.8	813.2	1010.4	1319.9	1881.3
-2.5°	430.4	464.7	492.2	522.5	557.7	607.2	688.5	812.0	1002.5	1320.6	1875.2
-5°	429.0	464.2	492.0	522.1	556.0	605.7	685.0	805.4	986.8	1301.4	1834.9
-7.5°	426.6	462.8	491.0	520.9	553.7	602.2	678.2	793.4	966.9	1260.9	1760.0
-10°	423.3	460.4	489.4	518.7	551.0	596.9	668.3	776.2	938.1	1204.2	1653.5
-12.5°	419.8	457.2	486.9	515.6	547.2	589.8	655.2	753.8	900.4	1132.0	1519.0
-15°	415.3	453.1	483.7	511.7	542.3	580.9	639.1	726.4	855.0	1048.7	1361.2
-17.5°	409.9	448.1	479.8	506.8	536.3	570.3	620.3	697.4	811.2	980.8	1254.2
-20°	403.7	442.2	475.2	501.2	529.5	561.0	606.7	675.3	773.6	915.6	1131.3

Classified

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

Scaled Data Report



REPORT NUMBER: P626987 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA2D-740-U-MWR-XX

CANDELA DISTRIBUTION (continued):

	-62.5°	-60°	-57.5°	-55°	-52.5°	-50°	-47.5°	-45°	-42.5°	-40°	-37.5°
-22.5°	396.5	435.6	469.1	495.2	522.5	552.8	592.8	649.6	731.1	840.8	1009.8
-25°	388.5	426.7	460.8	488.9	515.0	542.9	577.1	622.6	693.3	787.2	918.3
-27.5°	379.6	417.0	452.3	481.7	506.9	532.1	563.6	604.0	657.8	730.5	827.5
-30°	370.0	406.8	443.4	473.0	498.2	522.6	549.5	582.8	623.7	684.7	762.6
-32.5°	359.5	395.5	432.0	462.6	488.4	512.7	534.9	564.4	599.4	641.1	702.1
-35°	348.2	383.2	418.7	452.0	477.5	501.0	522.5	546.3	575.3	610.4	653.5
-37.5°	336.1	369.9	404.2	439.0	465.8	487.9	508.8	530.0	554.9	581.7	615.3
-40°	323.0	355.6	388.7	422.2	452.7	474.2	494.5	513.6	534.9	558.1	582.9
-42.5°	309.1	340.4	372.1	404.3	434.9	459.1	479.9	497.9	515.5	534.9	556.3
-45°	294.5	324.3	354.5	385.7	416.0	441.9	462.7	482.3	497.3	513.8	531.4
-47.5°	279.5	307.5	336.1	366.3	396.0	422.8	444.4	462.6	478.6	493.2	508.6
-50°	263.8	290.7	317.5	346.2	374.4	402.1	425.6	443.0	458.7	472.2	485.3
-52.5°	247.1	273.6	298.9	325.4	352.1	378.3	403.3	423.2	438.6	452.5	464.9
-55°	229.9	255.0	279.5	304.0	329.2	353.8	377.7	399.2	417.9	431.5	444.9
-57.5°	212.2	235.3	258.3	281.7	305.0	328.6	350.5	373.1	392.3	408.6	422.4
-60°	194.0	214.9	235.7	257.4	279.5	300.6	321.5	342.1	362.8	382.1	394.0
-62.5°	175.2	194.0	212.6	231.6	251.6	271.3	289.9	308.8	328.1	344.8	359.5
-65°	154.8	172.5	189.2	206.0	222.7	240.2	257.3	273.8	290.4	306.4	320.8
-67.5°	133.9	150.1	165.5	180.1	194.8	209.8	224.2	238.9	253.2	267.6	281.3
-70°	115.0	127.9	141.5	154.7	167.2	179.9	192.7	205.0	217.1	229.4	241.6
-72.5°	96.2	107.5	118.6	129.3	140.5	151.3	161.8	171.9	182.3	193.0	203.1
-75°	78.1	87.0	96.4	105.6	114.6	123.3	131.8	140.4	149.2	157.8	166.1
-77.5°	60.5	68.4	75.7	82.6	89.2	96.5	103.4	110.2	117.1	124.0	130.6
-80°	44.2	49.7	56.0	61.9	67.2	72.1	76.9	81.5	86.5	91.8	97.2
-82.5°	30.1	34.0	38.0	42.1	45.7	49.1	52.5	55.9	59.3	62.8	66.2
-85°	16.8	18.2	20.6	23.1	25.4	27.7	29.9	32.0	34.0	35.9	37.8
-87.5°	8.4	9.1	9.8	10.4	11.1	11.7	12.3	12.9	13.4	13.9	14.4
-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: P626987 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA2D-740-U-MWR-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°	14.9	14.7	14.5	14.2	13.8	14.7	15.7	16.6	17.6	17.0	16.4
85°	39.5	40.4	41.1	41.8	42.3	44.2	46.0	47.7	49.3	49.3	49.0
82.5°	69.5	71.7	73.6	75.4	76.9	79.1	81.1	82.8	84.3	85.3	86.3
80°	102.4	106.0	109.2	112.0	114.5	117.4	120.2	122.6	124.7	125.8	126.5
77.5°	137.2	142.5	147.2	151.8	156.0	160.3	164.2	167.6	170.6	171.3	171.1
75°	174.0	181.1	187.8	194.0	199.7	204.6	208.8	212.3	215.1	216.5	217.3
72.5°	212.8	221.6	229.5	236.6	242.6	247.7	252.1	255.9	259.1	261.1	262.3
70°	253.3	263.7	271.7	278.4	283.6	288.6	294.3	299.7	304.7	307.6	308.6
67.5°	293.9	304.6	312.0	318.1	322.9	327.8	334.9	341.3	347.0	350.9	353.3
65°	333.5	344.9	352.3	358.1	362.5	367.4	375.4	381.8	386.6	390.4	393.9
62.5°	372.8	384.2	392.5	399.4	405.8	411.2	417.7	423.1	427.2	431.0	435.3
60°	406.8	420.4	429.0	436.0	443.9	452.4	457.2	461.2	464.7	467.8	470.4
57.5°	434.6	446.6	457.7	466.2	474.4	482.4	488.0	491.8	494.8	497.1	498.0
55°	457.8	470.3	482.7	491.9	499.9	507.3	513.6	518.4	522.5	525.7	526.5
52.5°	478.6	492.6	504.9	515.4	526.1	534.8	541.6	548.3	554.1	558.8	560.8
50°	501.3	516.0	531.2	545.3	556.6	566.6	574.9	584.3	594.2	602.5	607.6
47.5°	525.1	542.0	560.4	577.8	591.3	606.0	619.8	633.8	652.2	667.7	679.2
45°	550.0	571.7	592.7	614.8	633.4	661.3	687.2	709.4	738.9	765.7	787.0
42.5°	579.4	606.5	632.2	667.6	704.7	742.7	783.9	818.9	865.1	912.1	950.1
40°	614.3	648.8	694.2	741.7	800.2	852.5	923.6	986.8	1057.7	1147.3	1221.3
37.5°	656.3	709.4	772.6	838.8	930.0	1017.1	1134.5	1258.2	1370.4	1542.8	1687.7
35°	710.8	785.1	868.3	985.5	1114.5	1277.8	1460.9	1699.8	1904.7	2195.4	2473.1
32.5°	781.0	876.6	1012.4	1193.3	1384.1	1680.4	1971.0	2385.9	2770.1	3230.7	3727.9
30°	859.2	1004.6	1212.1	1460.3	1816.1	2252.1	2764.3	3401.5	4098.9	4746.3	5384.3
27.5°	972.5	1180.9	1453.5	1853.9	2408.4	3018.4	3915.8	4780.8	5683.2	6485.4	7154.4
25°	1104.8	1380.2	1801.7	2391.3	3141.2	4185.7	5260.0	6327.5	7298.0	8137.8	8877.1
22.5°	1275.6	1671.7	2233.6	2997.3	4165.1	5417.0	6676.7	7854.2	8889.5	9824.6	10624.8
20°	1461.4	1957.0	2759.5	3898.2	5233.7	6659.9	8082.4	9336.7	10476.6	11536.9	12438.8
17.5°	1696.9	2391.0	3407.2	4773.2	6317.2	7879.9	9374.2	10735.4	12028.6	13150.6	14092.9
15°	1897.5	2773.2	4099.4	5701.5	7371.5	9019.9	10597.6	12076.1	13420.6	14571.9	15457.7
12.5°	2165.2	3201.5	4714.0	6499.5	8309.3	10043.8	11705.5	13233.6	14601.9	15740.5	16430.1
10°	2418.2	3644.9	5308.0	7170.1	9050.3	10898.3	12672.7	14239.9	15510.3	16416.0	17003.7
7.5°	2633.3	4026.0	5791.3	7712.1	9639.0	11571.2	13367.2	14892.1	16063.4	16819.8	17229.0
5°	2794.0	4310.9	6150.0	8152.5	10129.9	12095.9	13878.0	15309.4	16321.8	16883.7	17089.1
2.5°	2896.3	4478.2	6358.1	8441.5	10458.3	12427.9	14228.2	15637.3	16496.3	16868.7	16904.1
0°	2937.2	4499.8	6390.2	8593.1	10541.1	12522.5	14327.9	15772.2	16561.1	16867.6	16861.5
-2.5°	2896.3	4478.2	6358.1	8441.5	10458.3	12427.9	14228.2	15637.3	16496.3	16868.7	16904.1
-5°	2794.0	4310.9	6150.0	8152.5	10129.9	12095.9	13878.0	15309.4	16321.8	16883.7	17089.1
-7.5°	2633.3	4026.0	5791.3	7712.1	9639.0	11571.2	13367.2	14892.1	16063.4	16819.8	17229.0
-10°	2418.2	3644.9	5308.0	7170.1	9050.3	10898.3	12672.7	14239.9	15510.3	16416.0	17003.7
-12.5°	2165.2	3201.5	4714.0	6499.5	8309.3	10043.8	11705.5	13233.6	14601.9	15740.5	16430.1
-15°	1897.5	2773.2	4099.4	5701.5	7371.5	9019.9	10597.6	12076.1	13420.6	14571.9	15457.7
-17.5°	1696.9	2391.0	3407.2	4773.2	6317.2	7879.9	9374.2	10735.4	12028.6	13150.6	14092.9
-20°	1461.4	1957.0	2759.5	3898.2	5233.7	6659.9	8082.4	9336.7	10476.6	11536.9	12438.8

Classified

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

Scaled Data Report



REPORT NUMBER: P626987 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA2D-740-U-MWR-XX

CANDELA DISTRIBUTION (continued):

	-35°	-32.5°	-30°	-27.5°	-25°	-22.5°	-20°	-17.5°	-15°	-12.5°	-10°
-22.5°	1275.6	1671.7	2233.6	2997.3	4165.1	5417.0	6676.7	7854.2	8889.5	9824.6	10624.8
-25°	1104.8	1380.2	1801.7	2391.3	3141.2	4185.7	5260.0	6327.5	7298.0	8137.8	8877.1
-27.5°	972.5	1180.9	1453.5	1853.9	2408.4	3018.4	3915.8	4780.8	5683.2	6485.4	7154.4
-30°	859.2	1004.6	1212.1	1460.3	1816.1	2252.1	2764.3	3401.5	4098.9	4746.3	5384.3
-32.5°	781.0	876.6	1012.4	1193.3	1384.1	1680.4	1971.0	2385.9	2770.1	3230.7	3727.9
-35°	710.8	785.1	868.3	985.5	1114.5	1277.8	1460.9	1699.8	1904.7	2195.4	2473.1
-37.5°	656.3	709.4	772.6	838.8	930.0	1017.1	1134.5	1258.2	1370.4	1542.8	1687.7
-40°	614.3	648.8	694.2	741.7	800.2	852.5	923.6	986.8	1057.7	1147.3	1221.3
-42.5°	579.4	606.5	632.2	667.6	704.7	742.7	783.9	818.9	865.1	912.1	950.1
-45°	550.0	571.7	592.7	614.8	633.4	661.3	687.2	709.4	738.9	765.7	787.0
-47.5°	525.1	542.0	560.4	577.8	591.3	606.0	619.8	633.8	652.2	667.7	679.2
-50°	501.3	516.0	531.2	545.3	556.6	566.6	574.9	584.3	594.2	602.5	607.6
-52.5°	478.6	492.6	504.9	515.4	526.1	534.8	541.6	548.3	554.1	558.8	560.8
-55°	457.8	470.3	482.7	491.9	499.9	507.3	513.6	518.4	522.5	525.7	526.5
-57.5°	434.6	446.6	457.7	466.2	474.4	482.4	488.0	491.8	494.8	497.1	498.0
-60°	406.8	420.4	429.0	436.0	443.9	452.4	457.2	461.2	464.7	467.8	470.4
-62.5°	372.8	384.2	392.5	399.4	405.8	411.2	417.7	423.1	427.2	431.0	435.3
-65°	333.5	344.9	352.3	358.1	362.5	367.4	375.4	381.8	386.6	390.4	393.9
-67.5°	293.9	304.6	312.0	318.1	322.9	327.8	334.9	341.3	347.0	350.9	353.3
-70°	253.3	263.7	271.7	278.4	283.6	288.6	294.3	299.7	304.7	307.6	308.6
-72.5°	212.8	221.6	229.5	236.6	242.6	247.7	252.1	255.9	259.1	261.1	262.3
-75°	174.0	181.1	187.8	194.0	199.7	204.6	208.8	212.3	215.1	216.5	217.3
-77.5°	137.2	142.5	147.2	151.8	156.0	160.3	164.2	167.6	170.6	171.3	171.1
-80°	102.4	106.0	109.2	112.0	114.5	117.4	120.2	122.6	124.7	125.8	126.5
-82.5°	69.5	71.7	73.6	75.4	76.9	79.1	81.1	82.8	84.3	85.3	86.3
-85°	39.5	40.4	41.1	41.8	42.3	44.2	46.0	47.7	49.3	49.3	49.0
-87.5°	14.9	14.7	14.5	14.2	13.8	14.7	15.7	16.6	17.6	17.0	16.4
-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: P626987 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA2D-740-U-MWR-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°	15.8	15.1	15.2	15.2	15.2	15.1	15.8	16.4	17.0	17.6	16.6
85°	48.7	48.3	46.9	45.5	46.9	48.3	48.7	49.0	49.3	49.3	47.7
82.5°	87.0	87.5	86.4	85.0	86.4	87.5	87.0	86.3	85.3	84.3	82.8
80°	126.8	126.8	125.8	124.4	125.8	126.8	126.8	126.5	125.8	124.7	122.6
77.5°	170.4	169.2	169.7	169.9	169.7	169.2	170.4	171.1	171.3	170.6	167.6
75°	217.6	217.5	216.7	215.4	216.7	217.5	217.6	217.3	216.5	215.1	212.3
72.5°	262.9	262.9	262.2	260.9	262.2	262.9	262.9	262.3	261.1	259.1	255.9
70°	308.9	308.3	309.1	309.5	309.1	308.3	308.9	308.6	307.6	304.7	299.7
67.5°	355.2	356.4	356.2	355.0	356.2	356.4	355.2	353.3	350.9	347.0	341.3
65°	396.7	398.8	400.1	400.5	400.1	398.8	396.7	393.9	390.4	386.6	381.8
62.5°	438.7	441.1	441.2	440.0	441.2	441.1	438.7	435.3	431.0	427.2	423.1
60°	471.8	472.2	471.7	470.3	471.7	472.2	471.8	470.4	467.8	464.7	461.2
57.5°	497.9	497.1	496.0	494.6	496.0	497.1	497.9	498.0	497.1	494.8	491.8
55°	526.0	524.6	523.3	521.9	523.3	524.6	526.0	526.5	525.7	522.5	518.4
52.5°	561.2	560.4	559.6	558.3	559.6	560.4	561.2	560.8	558.8	554.1	548.3
50°	610.2	611.0	610.9	609.9	610.9	611.0	610.2	607.6	602.5	594.2	584.3
47.5°	686.4	690.5	693.2	694.9	693.2	690.5	686.4	679.2	667.7	652.2	633.8
45°	800.6	808.7	814.4	819.3	814.4	808.7	800.6	787.0	765.7	738.9	709.4
42.5°	976.8	994.9	1003.5	1001.3	1003.5	994.9	976.8	950.1	912.1	865.1	818.9
40°	1270.6	1299.9	1316.1	1329.0	1316.1	1299.9	1270.6	1221.3	1147.3	1057.7	986.8
37.5°	1786.7	1843.5	1873.4	1899.5	1873.4	1843.5	1786.7	1687.7	1542.8	1370.4	1258.2
35°	2680.7	2808.5	2877.0	2900.8	2877.0	2808.5	2680.7	2473.1	2195.4	1904.7	1699.8
32.5°	4114.8	4350.6	4481.0	4581.8	4481.0	4350.6	4114.8	3727.9	3230.7	2770.1	2385.9
30°	5889.6	6200.2	6372.7	6457.0	6372.7	6200.2	5889.6	5384.3	4746.3	4098.9	3401.5
27.5°	7709.0	8062.1	8248.1	8238.1	8248.1	8062.1	7709.0	7154.4	6485.4	5683.2	4780.8
25°	9510.8	9919.8	10105.1	10271.1	10105.1	9919.8	9510.8	8877.1	8137.8	7298.0	6327.5
22.5°	11333.1	11811.4	12072.4	12194.8	12072.4	11811.4	11333.1	10624.8	9824.6	8889.5	7854.2
20°	13133.8	13666.2	13943.3	14063.9	13943.3	13666.2	13133.8	12438.8	11536.9	10476.6	9336.7
17.5°	14730.7	15250.5	15514.6	15626.6	15514.6	15250.5	14730.7	14092.9	13150.6	12028.6	10735.4
15°	16005.9	16389.3	16613.9	16673.4	16613.9	16389.3	16005.9	15457.7	14571.9	13420.6	12076.1
12.5°	16887.4	17035.9	17143.9	17177.1	17143.9	17035.9	16887.4	16430.1	15740.5	14601.9	13233.6
10°	17338.1	17271.0	17243.3	17246.9	17243.3	17271.0	17338.1	17003.7	16416.0	15510.3	14239.9
7.5°	17307.1	17207.8	17008.6	16976.8	17008.6	17207.8	17307.1	17229.0	16819.8	16063.4	14892.1
5°	17058.4	16877.8	16547.0	16451.9	16547.0	16877.8	17058.4	17089.1	16883.7	16321.8	15309.4
2.5°	16768.6	16442.9	16138.2	15942.1	16138.2	16442.9	16768.6	16904.1	16868.7	16496.3	15637.3
0°	16682.5	16306.2	15911.8	15784.3	15911.8	16306.2	16682.5	16861.5	16867.6	16561.1	15772.2
-2.5°	16768.6	16442.9	16138.2	15942.1	16138.2	16442.9	16768.6	16904.1	16868.7	16496.3	15637.3
-5°	17058.4	16877.8	16547.0	16451.9	16547.0	16877.8	17058.4	17089.1	16883.7	16321.8	15309.4
-7.5°	17307.1	17207.8	17008.6	16976.8	17008.6	17207.8	17307.1	17229.0	16819.8	16063.4	14892.1
-10°	17338.1	17271.0	17243.3	17246.9	17243.3	17271.0	17338.1	17003.7	16416.0	15510.3	14239.9
-12.5°	16887.4	17035.9	17143.9	17177.1	17143.9	17035.9	16887.4	16430.1	15740.5	14601.9	13233.6
-15°	16005.9	16389.3	16613.9	16673.4	16613.9	16389.3	16005.9	15457.7	14571.9	13420.6	12076.1
-17.5°	14730.7	15250.5	15514.6	15626.6	15514.6	15250.5	14730.7	14092.9	13150.6	12028.6	10735.4
-20°	13133.8	13666.2	13943.3	14063.9	13943.3	13666.2	13133.8	12438.8	11536.9	10476.6	9336.7



REPORT NUMBER: P626987 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA2D-740-U-MWR-XX

CANDELA DISTRIBUTION (continued):

	-7.5°	-5°	-2.5°	0°	2.5°	5°	7.5°	10°	12.5°	15°	17.5°
-22.5°	11333.1	11811.4	12072.4	12194.8	12072.4	11811.4	11333.1	10624.8	9824.6	8889.5	7854.2
-25°	9510.8	9919.8	10105.1	10271.1	10105.1	9919.8	9510.8	8877.1	8137.8	7298.0	6327.5
-27.5°	7709.0	8062.1	8248.1	8238.1	8248.1	8062.1	7709.0	7154.4	6485.4	5683.2	4780.8
-30°	5889.6	6200.2	6372.7	6457.0	6372.7	6200.2	5889.6	5384.3	4746.3	4098.9	3401.5
-32.5°	4114.8	4350.6	4481.0	4581.8	4481.0	4350.6	4114.8	3727.9	3230.7	2770.1	2385.9
-35°	2680.7	2808.5	2877.0	2900.8	2877.0	2808.5	2680.7	2473.1	2195.4	1904.7	1699.8
-37.5°	1786.7	1843.5	1873.4	1899.5	1873.4	1843.5	1786.7	1687.7	1542.8	1370.4	1258.2
-40°	1270.6	1299.9	1316.1	1329.0	1316.1	1299.9	1270.6	1221.3	1147.3	1057.7	986.8
-42.5°	976.8	994.9	1003.5	1001.3	1003.5	994.9	976.8	950.1	912.1	865.1	818.9
-45°	800.6	808.7	814.4	819.3	814.4	808.7	800.6	787.0	765.7	738.9	709.4
-47.5°	686.4	690.5	693.2	694.9	693.2	690.5	686.4	679.2	667.7	652.2	633.8
-50°	610.2	611.0	610.9	609.9	610.9	611.0	610.2	607.6	602.5	594.2	584.3
-52.5°	561.2	560.4	559.6	558.3	559.6	560.4	561.2	560.8	558.8	554.1	548.3
-55°	526.0	524.6	523.3	521.9	523.3	524.6	526.0	526.5	525.7	522.5	518.4
-57.5°	497.9	497.1	496.0	494.6	496.0	497.1	497.9	498.0	497.1	494.8	491.8
-60°	471.8	472.2	471.7	470.3	471.7	472.2	471.8	470.4	467.8	464.7	461.2
-62.5°	438.7	441.1	441.2	440.0	441.2	441.1	438.7	435.3	431.0	427.2	423.1
-65°	396.7	398.8	400.1	400.5	400.1	398.8	396.7	393.9	390.4	386.6	381.8
-67.5°	355.2	356.4	356.2	355.0	356.2	356.4	355.2	353.3	350.9	347.0	341.3
-70°	308.9	308.3	309.1	309.5	309.1	308.3	308.9	308.6	307.6	304.7	299.7
-72.5°	262.9	262.9	262.2	260.9	262.2	262.9	262.9	262.3	261.1	259.1	255.9
-75°	217.6	217.5	216.7	215.4	216.7	217.5	217.6	217.3	216.5	215.1	212.3
-77.5°	170.4	169.2	169.7	169.9	169.7	169.2	170.4	171.1	171.3	170.6	167.6
-80°	126.8	126.8	125.8	124.4	125.8	126.8	126.8	126.5	125.8	124.7	122.6
-82.5°	87.0	87.5	86.4	85.0	86.4	87.5	87.0	86.3	85.3	84.3	82.8
-85°	48.7	48.3	46.9	45.5	46.9	48.3	48.7	49.0	49.3	49.3	47.7
-87.5°	15.8	15.1	15.2	15.2	15.2	15.1	15.8	16.4	17.0	17.6	16.6
-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: P626987 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA2D-740-U-MWR-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°	15.7	14.7	13.8	14.2	14.5	14.7	14.9	14.4	13.9	13.4	12.9
85°	46.0	44.2	42.3	41.8	41.1	40.4	39.5	37.8	35.9	34.0	32.0
82.5°	81.1	79.1	76.9	75.4	73.6	71.7	69.5	66.2	62.8	59.3	55.9
80°	120.2	117.4	114.5	112.0	109.2	106.0	102.4	97.2	91.8	86.5	81.5
77.5°	164.2	160.3	156.0	151.8	147.2	142.5	137.2	130.6	124.0	117.1	110.2
75°	208.8	204.6	199.7	194.0	187.8	181.1	174.0	166.1	157.8	149.2	140.4
72.5°	252.1	247.7	242.6	236.6	229.5	221.6	212.8	203.1	193.0	182.3	171.9
70°	294.3	288.6	283.6	278.4	271.7	263.7	253.3	241.6	229.4	217.1	205.0
67.5°	334.9	327.8	322.9	318.1	312.0	304.6	293.9	281.3	267.6	253.2	238.9
65°	375.4	367.4	362.5	358.1	352.3	344.9	333.5	320.8	306.4	290.4	273.8
62.5°	417.7	411.2	405.8	399.4	392.5	384.2	372.8	359.5	344.8	328.1	308.8
60°	457.2	452.4	443.9	436.0	429.0	420.4	406.8	394.0	382.1	362.8	342.1
57.5°	488.0	482.4	474.4	466.2	457.7	446.6	434.6	422.4	408.6	392.3	373.1
55°	513.6	507.3	499.9	491.9	482.7	470.3	457.8	444.9	431.5	417.9	399.2
52.5°	541.6	534.8	526.1	515.4	504.9	492.6	478.6	464.9	452.5	438.6	423.2
50°	574.9	566.6	556.6	545.3	531.2	516.0	501.3	485.3	472.2	458.7	443.0
47.5°	619.8	606.0	591.3	577.8	560.4	542.0	525.1	508.6	493.2	478.6	462.6
45°	687.2	661.3	633.4	614.8	592.7	571.7	550.0	531.4	513.8	497.3	482.3
42.5°	783.9	742.7	704.7	667.6	632.2	606.5	579.4	556.3	534.9	515.5	497.9
40°	923.6	852.5	800.2	741.7	694.2	648.8	614.3	582.9	558.1	534.9	513.6
37.5°	1134.5	1017.1	930.0	838.8	772.6	709.4	656.3	615.3	581.7	554.9	530.0
35°	1460.9	1277.8	1114.5	985.5	868.3	785.1	710.8	653.5	610.4	575.3	546.3
32.5°	1971.0	1680.4	1384.1	1193.3	1012.4	876.6	781.0	702.1	641.1	599.4	564.4
30°	2764.3	2252.1	1816.1	1460.3	1212.1	1004.6	859.2	762.6	684.7	623.7	582.8
27.5°	3915.8	3018.4	2408.4	1853.9	1453.5	1180.9	972.5	827.5	730.5	657.8	604.0
25°	5260.0	4185.7	3141.2	2391.3	1801.7	1380.2	1104.8	918.3	787.2	693.3	622.6
22.5°	6676.7	5417.0	4165.1	2997.3	2233.6	1671.7	1275.6	1009.8	840.8	731.1	649.6
20°	8082.4	6659.9	5233.7	3898.2	2759.5	1957.0	1461.4	1131.3	915.6	773.6	675.3
17.5°	9374.2	7879.9	6317.2	4773.2	3407.2	2391.0	1696.9	1254.2	980.8	811.2	697.4
15°	10597.6	9019.9	7371.5	5701.5	4099.4	2773.2	1897.5	1361.2	1048.7	855.0	726.4
12.5°	11705.5	10043.8	8309.3	6499.5	4714.0	3201.5	2165.2	1519.0	1132.0	900.4	753.8
10°	12672.7	10898.3	9050.3	7170.1	5308.0	3644.9	2418.2	1653.5	1204.2	938.1	776.2
7.5°	13367.2	11571.2	9639.0	7712.1	5791.3	4026.0	2633.3	1760.0	1260.9	966.9	793.4
5°	13878.0	12095.9	10129.9	8152.5	6150.0	4310.9	2794.0	1834.9	1301.4	986.8	805.4
2.5°	14228.2	12427.9	10458.3	8441.5	6358.1	4478.2	2896.3	1875.2	1320.6	1002.5	812.0
0°	14327.9	12522.5	10541.1	8593.1	6390.2	4499.8	2937.2	1881.3	1319.9	1010.4	813.2
-2.5°	14228.2	12427.9	10458.3	8441.5	6358.1	4478.2	2896.3	1875.2	1320.6	1002.5	812.0
-5°	13878.0	12095.9	10129.9	8152.5	6150.0	4310.9	2794.0	1834.9	1301.4	986.8	805.4
-7.5°	13367.2	11571.2	9639.0	7712.1	5791.3	4026.0	2633.3	1760.0	1260.9	966.9	793.4
-10°	12672.7	10898.3	9050.3	7170.1	5308.0	3644.9	2418.2	1653.5	1204.2	938.1	776.2
-12.5°	11705.5	10043.8	8309.3	6499.5	4714.0	3201.5	2165.2	1519.0	1132.0	900.4	753.8
-15°	10597.6	9019.9	7371.5	5701.5	4099.4	2773.2	1897.5	1361.2	1048.7	855.0	726.4
-17.5°	9374.2	7879.9	6317.2	4773.2	3407.2	2391.0	1696.9	1254.2	980.8	811.2	697.4
-20°	8082.4	6659.9	5233.7	3898.2	2759.5	1957.0	1461.4	1131.3	915.6	773.6	675.3



REPORT NUMBER: P626987 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA2D-740-U-MWR-XX

CANDELA DISTRIBUTION (continued):

	20°	22.5°	25°	27.5°	30°	32.5°	35°	37.5°	40°	42.5°	45°
-22.5°	6676.7	5417.0	4165.1	2997.3	2233.6	1671.7	1275.6	1009.8	840.8	731.1	649.6
-25°	5260.0	4185.7	3141.2	2391.3	1801.7	1380.2	1104.8	918.3	787.2	693.3	622.6
-27.5°	3915.8	3018.4	2408.4	1853.9	1453.5	1180.9	972.5	827.5	730.5	657.8	604.0
-30°	2764.3	2252.1	1816.1	1460.3	1212.1	1004.6	859.2	762.6	684.7	623.7	582.8
-32.5°	1971.0	1680.4	1384.1	1193.3	1012.4	876.6	781.0	702.1	641.1	599.4	564.4
-35°	1460.9	1277.8	1114.5	985.5	868.3	785.1	710.8	653.5	610.4	575.3	546.3
-37.5°	1134.5	1017.1	930.0	838.8	772.6	709.4	656.3	615.3	581.7	554.9	530.0
-40°	923.6	852.5	800.2	741.7	694.2	648.8	614.3	582.9	558.1	534.9	513.6
-42.5°	783.9	742.7	704.7	667.6	632.2	606.5	579.4	556.3	534.9	515.5	497.9
-45°	687.2	661.3	633.4	614.8	592.7	571.7	550.0	531.4	513.8	497.3	482.3
-47.5°	619.8	606.0	591.3	577.8	560.4	542.0	525.1	508.6	493.2	478.6	462.6
-50°	574.9	566.6	556.6	545.3	531.2	516.0	501.3	485.3	472.2	458.7	443.0
-52.5°	541.6	534.8	526.1	515.4	504.9	492.6	478.6	464.9	452.5	438.6	423.2
-55°	513.6	507.3	499.9	491.9	482.7	470.3	457.8	444.9	431.5	417.9	399.2
-57.5°	488.0	482.4	474.4	466.2	457.7	446.6	434.6	422.4	408.6	392.3	373.1
-60°	457.2	452.4	443.9	436.0	429.0	420.4	406.8	394.0	382.1	362.8	342.1
-62.5°	417.7	411.2	405.8	399.4	392.5	384.2	372.8	359.5	344.8	328.1	308.8
-65°	375.4	367.4	362.5	358.1	352.3	344.9	333.5	320.8	306.4	290.4	273.8
-67.5°	334.9	327.8	322.9	318.1	312.0	304.6	293.9	281.3	267.6	253.2	238.9
-70°	294.3	288.6	283.6	278.4	271.7	263.7	253.3	241.6	229.4	217.1	205.0
-72.5°	252.1	247.7	242.6	236.6	229.5	221.6	212.8	203.1	193.0	182.3	171.9
-75°	208.8	204.6	199.7	194.0	187.8	181.1	174.0	166.1	157.8	149.2	140.4
-77.5°	164.2	160.3	156.0	151.8	147.2	142.5	137.2	130.6	124.0	117.1	110.2
-80°	120.2	117.4	114.5	112.0	109.2	106.0	102.4	97.2	91.8	86.5	81.5
-82.5°	81.1	79.1	76.9	75.4	73.6	71.7	69.5	66.2	62.8	59.3	55.9
-85°	46.0	44.2	42.3	41.8	41.1	40.4	39.5	37.8	35.9	34.0	32.0
-87.5°	15.7	14.7	13.8	14.2	14.5	14.7	14.9	14.4	13.9	13.4	12.9
-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: P626987 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA2D-740-U-MWR-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°	12.3	11.7	11.1	10.4	9.8	9.1	8.4	7.7	6.7	5.7	4.8
85°	29.9	27.7	25.4	23.1	20.6	18.2	16.8	15.3	13.3	11.4	9.6
82.5°	52.5	49.1	45.7	42.1	38.0	34.0	30.1	26.2	21.9	17.4	14.3
80°	76.9	72.1	67.2	61.9	56.0	49.7	44.2	38.9	33.7	28.2	22.3
77.5°	103.4	96.5	89.2	82.6	75.7	68.4	60.5	52.4	45.4	38.9	31.9
75°	131.8	123.3	114.6	105.6	96.4	87.0	78.1	68.7	59.3	49.7	41.5
72.5°	161.8	151.3	140.5	129.3	118.6	107.5	96.2	84.9	73.9	62.8	51.5
70°	192.7	179.9	167.2	154.7	141.5	127.9	115.0	101.7	88.3	75.6	62.8
67.5°	224.2	209.8	194.8	180.1	165.5	150.1	133.9	118.3	103.2	88.3	73.9
65°	257.3	240.2	222.7	206.0	189.2	172.5	154.8	135.4	117.7	101.1	84.9
62.5°	289.9	271.3	251.6	231.6	212.6	194.0	175.2	153.7	132.4	113.6	95.6
60°	321.5	300.6	279.5	257.4	235.7	214.9	194.0	171.5	148.2	125.7	106.1
57.5°	350.5	328.6	305.0	281.7	258.3	235.3	212.2	188.3	163.7	138.9	116.3
55°	377.7	353.8	329.2	304.0	279.5	255.0	229.9	204.4	178.5	152.1	126.3
52.5°	403.3	378.3	352.1	325.4	298.9	273.6	247.1	220.0	192.6	164.8	137.3
50°	425.6	402.1	374.4	346.2	317.5	290.7	263.8	235.2	206.2	177.0	148.1
47.5°	444.4	422.8	396.0	366.3	336.1	307.5	279.5	249.8	219.4	188.7	158.4
45°	462.7	441.9	416.0	385.7	354.5	324.3	294.5	263.9	232.0	199.9	168.2
42.5°	479.9	459.1	434.9	404.3	372.1	340.4	309.1	277.2	244.1	210.7	177.6
40°	494.5	474.2	452.7	422.2	388.7	355.6	323.0	290.0	255.7	220.9	186.4
37.5°	508.8	487.9	465.8	439.0	404.2	369.9	336.1	302.3	266.9	230.7	194.8
35°	522.5	501.0	477.5	452.0	418.7	383.2	348.2	313.8	277.3	240.1	202.6
32.5°	534.9	512.7	488.4	462.6	432.0	395.5	359.5	323.9	287.0	249.1	209.8
30°	549.5	522.6	498.2	473.0	443.4	406.8	370.0	333.3	296.0	257.5	216.6
27.5°	563.6	532.1	506.9	481.7	452.3	417.0	379.6	342.0	304.2	265.1	223.3
25°	577.1	542.9	515.0	488.9	460.8	426.7	388.5	350.0	311.4	271.8	229.5
22.5°	592.8	552.8	522.5	495.2	469.1	435.6	396.5	357.2	317.8	277.8	235.2
20°	606.7	561.0	529.5	501.2	475.2	442.2	403.7	363.7	323.6	283.1	240.3
17.5°	620.3	570.3	536.3	506.8	479.8	448.1	409.9	369.3	328.6	287.7	244.9
15°	639.1	580.9	542.3	511.7	483.7	453.1	415.3	374.1	332.9	291.5	249.0
12.5°	655.2	589.8	547.2	515.6	486.9	457.2	419.8	378.1	336.4	295.0	252.6
10°	668.3	596.9	551.0	518.7	489.4	460.4	423.3	381.5	339.8	298.0	255.6
7.5°	678.2	602.2	553.7	520.9	491.0	462.8	426.6	384.5	342.5	300.4	257.9
5°	685.0	605.7	556.0	522.1	492.0	464.2	429.0	386.7	344.4	302.1	259.6
2.5°	688.5	607.2	557.7	522.5	492.2	464.7	430.4	388.0	345.5	303.1	260.6
0°	688.8	606.9	558.3	521.9	491.6	464.2	430.9	388.4	345.9	303.4	260.9
-2.5°	688.5	607.2	557.7	522.5	492.2	464.7	430.4	388.0	345.5	303.1	260.6
-5°	685.0	605.7	556.0	522.1	492.0	464.2	429.0	386.7	344.4	302.1	259.6
-7.5°	678.2	602.2	553.7	520.9	491.0	462.8	426.6	384.5	342.5	300.4	257.9
-10°	668.3	596.9	551.0	518.7	489.4	460.4	423.3	381.5	339.8	298.0	255.6
-12.5°	655.2	589.8	547.2	515.6	486.9	457.2	419.8	378.1	336.4	295.0	252.6
-15°	639.1	580.9	542.3	511.7	483.7	453.1	415.3	374.1	332.9	291.5	249.0
-17.5°	620.3	570.3	536.3	506.8	479.8	448.1	409.9	369.3	328.6	287.7	244.9
-20°	606.7	561.0	529.5	501.2	475.2	442.2	403.7	363.7	323.6	283.1	240.3

Classified

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

Scaled Data Report



REPORT NUMBER: P626987 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA2D-740-U-MWR-XX

CANDELA DISTRIBUTION (continued):

	47.5°	50°	52.5°	55°	57.5°	60°	62.5°	65°	67.5°	70°	72.5°
-22.5°	592.8	552.8	522.5	495.2	469.1	435.6	396.5	357.2	317.8	277.8	235.2
-25°	577.1	542.9	515.0	488.9	460.8	426.7	388.5	350.0	311.4	271.8	229.5
-27.5°	563.6	532.1	506.9	481.7	452.3	417.0	379.6	342.0	304.2	265.1	223.3
-30°	549.5	522.6	498.2	473.0	443.4	406.8	370.0	333.3	296.0	257.5	216.6
-32.5°	534.9	512.7	488.4	462.6	432.0	395.5	359.5	323.9	287.0	249.1	209.8
-35°	522.5	501.0	477.5	452.0	418.7	383.2	348.2	313.8	277.3	240.1	202.6
-37.5°	508.8	487.9	465.8	439.0	404.2	369.9	336.1	302.3	266.9	230.7	194.8
-40°	494.5	474.2	452.7	422.2	388.7	355.6	323.0	290.0	255.7	220.9	186.4
-42.5°	479.9	459.1	434.9	404.3	372.1	340.4	309.1	277.2	244.1	210.7	177.6
-45°	462.7	441.9	416.0	385.7	354.5	324.3	294.5	263.9	232.0	199.9	168.2
-47.5°	444.4	422.8	396.0	366.3	336.1	307.5	279.5	249.8	219.4	188.7	158.4
-50°	425.6	402.1	374.4	346.2	317.5	290.7	263.8	235.2	206.2	177.0	148.1
-52.5°	403.3	378.3	352.1	325.4	298.9	273.6	247.1	220.0	192.6	164.8	137.3
-55°	377.7	353.8	329.2	304.0	279.5	255.0	229.9	204.4	178.5	152.1	126.3
-57.5°	350.5	328.6	305.0	281.7	258.3	235.3	212.2	188.3	163.7	138.9	116.3
-60°	321.5	300.6	279.5	257.4	235.7	214.9	194.0	171.5	148.2	125.7	106.1
-62.5°	289.9	271.3	251.6	231.6	212.6	194.0	175.2	153.7	132.4	113.6	95.6
-65°	257.3	240.2	222.7	206.0	189.2	172.5	154.8	135.4	117.7	101.1	84.9
-67.5°	224.2	209.8	194.8	180.1	165.5	150.1	133.9	118.3	103.2	88.3	73.9
-70°	192.7	179.9	167.2	154.7	141.5	127.9	115.0	101.7	88.3	75.6	62.8
-72.5°	161.8	151.3	140.5	129.3	118.6	107.5	96.2	84.9	73.9	62.8	51.5
-75°	131.8	123.3	114.6	105.6	96.4	87.0	78.1	68.7	59.3	49.7	41.5
-77.5°	103.4	96.5	89.2	82.6	75.7	68.4	60.5	52.4	45.4	38.9	31.9
-80°	76.9	72.1	67.2	61.9	56.0	49.7	44.2	38.9	33.7	28.2	22.3
-82.5°	52.5	49.1	45.7	42.1	38.0	34.0	30.1	26.2	21.9	17.4	14.3
-85°	29.9	27.7	25.4	23.1	20.6	18.2	16.8	15.3	13.3	11.4	9.6
-87.5°	12.3	11.7	11.1	10.4	9.8	9.1	8.4	7.7	6.7	5.7	4.8
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

Classified

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

Scaled Data Report



REPORT NUMBER: P626987 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA2D-740-U-MWR-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°	3.9	3.3	2.6	2.0	1.3	0.7	0.0
85°	7.9	6.6	5.3	4.0	2.6	1.3	0.0
82.5°	11.8	9.8	7.9	5.9	4.0	2.0	0.0
80°	16.2	13.1	10.5	7.9	5.3	2.6	0.0
77.5°	24.7	17.7	13.1	9.8	6.6	3.3	0.0
75°	33.1	24.7	16.2	11.8	7.9	3.9	0.0
72.5°	41.4	31.6	21.8	13.7	9.1	4.6	0.0
70°	49.7	38.4	27.3	16.0	10.4	5.2	0.0
67.5°	59.2	45.2	32.7	20.0	11.6	5.8	0.0
65°	68.5	52.3	38.0	24.0	12.8	6.4	0.0
62.5°	77.6	59.8	43.2	27.9	14.0	7.0	0.0
60°	86.4	67.1	48.2	31.7	15.2	7.6	0.0
57.5°	95.2	74.1	53.8	35.5	17.6	8.2	0.0
55°	103.9	81.0	59.2	39.1	20.0	8.7	0.0
52.5°	112.3	87.7	64.5	42.6	22.3	9.3	0.0
50°	120.6	94.5	69.5	46.0	24.5	9.8	0.0
47.5°	128.6	101.2	74.4	49.4	26.6	10.3	0.0
45°	137.1	107.7	79.0	52.8	28.6	10.7	0.0
42.5°	145.1	113.9	83.4	56.1	30.5	11.2	0.0
40°	152.7	119.8	87.9	59.2	32.3	11.6	0.0
37.5°	159.8	125.5	92.4	62.0	34.0	12.1	0.0
35°	166.5	131.1	96.7	64.7	35.6	12.4	0.0
32.5°	172.8	136.3	100.7	67.2	37.1	12.8	0.0
30°	178.6	141.2	104.5	69.5	38.5	13.2	0.0
27.5°	183.9	145.7	107.9	71.6	39.7	13.5	0.0
25°	188.7	149.8	110.9	73.6	40.8	13.8	0.0
22.5°	193.0	153.4	113.7	75.3	41.9	14.0	0.0
20°	196.8	156.5	116.1	76.9	42.7	14.3	0.0
17.5°	200.3	159.2	118.3	78.2	43.5	14.5	0.0
15°	203.4	161.5	120.1	79.4	44.2	14.7	0.0
12.5°	206.1	163.4	121.6	80.3	44.7	14.8	0.0
10°	208.3	164.9	122.8	81.0	45.1	15.0	0.0
7.5°	210.1	166.0	123.7	81.6	45.4	15.1	0.0
5°	211.4	166.7	124.3	81.9	45.5	15.1	0.0
2.5°	212.1	167.0	124.5	82.0	45.6	15.2	0.0
0°	212.4	166.9	124.4	81.9	45.5	15.2	0.0
-2.5°	212.1	167.0	124.5	82.0	45.6	15.2	0.0
-5°	211.4	166.7	124.3	81.9	45.5	15.1	0.0
-7.5°	210.1	166.0	123.7	81.6	45.4	15.1	0.0
-10°	208.3	164.9	122.8	81.0	45.1	15.0	0.0
-12.5°	206.1	163.4	121.6	80.3	44.7	14.8	0.0
-15°	203.4	161.5	120.1	79.4	44.2	14.7	0.0
-17.5°	200.3	159.2	118.3	78.2	43.5	14.5	0.0
-20°	196.8	156.5	116.1	76.9	42.7	14.3	0.0

Classified

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

Scaled Data Report



REPORT NUMBER: P626987 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA2D-740-U-MWR-XX

CANDELA DISTRIBUTION (continued):

	75°	77.5°	80°	82.5°	85°	87.5°	90°
-22.5°	193.0	153.4	113.7	75.3	41.9	14.0	0.0
-25°	188.7	149.8	110.9	73.6	40.8	13.8	0.0
-27.5°	183.9	145.7	107.9	71.6	39.7	13.5	0.0
-30°	178.6	141.2	104.5	69.5	38.5	13.2	0.0
-32.5°	172.8	136.3	100.7	67.2	37.1	12.8	0.0
-35°	166.5	131.1	96.7	64.7	35.6	12.4	0.0
-37.5°	159.8	125.5	92.4	62.0	34.0	12.1	0.0
-40°	152.7	119.8	87.9	59.2	32.3	11.6	0.0
-42.5°	145.1	113.9	83.4	56.1	30.5	11.2	0.0
-45°	137.1	107.7	79.0	52.8	28.6	10.7	0.0
-47.5°	128.6	101.2	74.4	49.4	26.6	10.3	0.0
-50°	120.6	94.5	69.5	46.0	24.5	9.8	0.0
-52.5°	112.3	87.7	64.5	42.6	22.3	9.3	0.0
-55°	103.9	81.0	59.2	39.1	20.0	8.7	0.0
-57.5°	95.2	74.1	53.8	35.5	17.6	8.2	0.0
-60°	86.4	67.1	48.2	31.7	15.2	7.6	0.0
-62.5°	77.6	59.8	43.2	27.9	14.0	7.0	0.0
-65°	68.5	52.3	38.0	24.0	12.8	6.4	0.0
-67.5°	59.2	45.2	32.7	20.0	11.6	5.8	0.0
-70°	49.7	38.4	27.3	16.0	10.4	5.2	0.0
-72.5°	41.4	31.6	21.8	13.7	9.1	4.6	0.0
-75°	33.1	24.7	16.2	11.8	7.9	3.9	0.0
-77.5°	24.7	17.7	13.1	9.8	6.6	3.3	0.0
-80°	16.2	13.1	10.5	7.9	5.3	2.6	0.0
-82.5°	11.8	9.8	7.9	5.9	4.0	2.0	0.0
-85°	7.9	6.6	5.3	4.0	2.6	1.3	0.0
-87.5°	3.9	3.3	2.6	2.0	1.3	0.7	0.0
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0

(END OF REPORT)