

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: P627167 (CONVERTED FROM TYPE C PHOTOMETRY)

Luminaire Tested: **GFLD-SA3C-740-U-MWR-XX**

Issue Date: 12/7/2022

Test Information

Test Method: LM-79-08
Report Number: P627167 (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-SA3C-740-U-MWR-XX
Description: GALLEON FLOOD, THREE LIGHT SQAURE, MEDIUM WIDE SYMMETRICAL ROUND N76
Light Source: (48) 4000K CCT, 70 CRI LEDS
Ballast/Driver: -

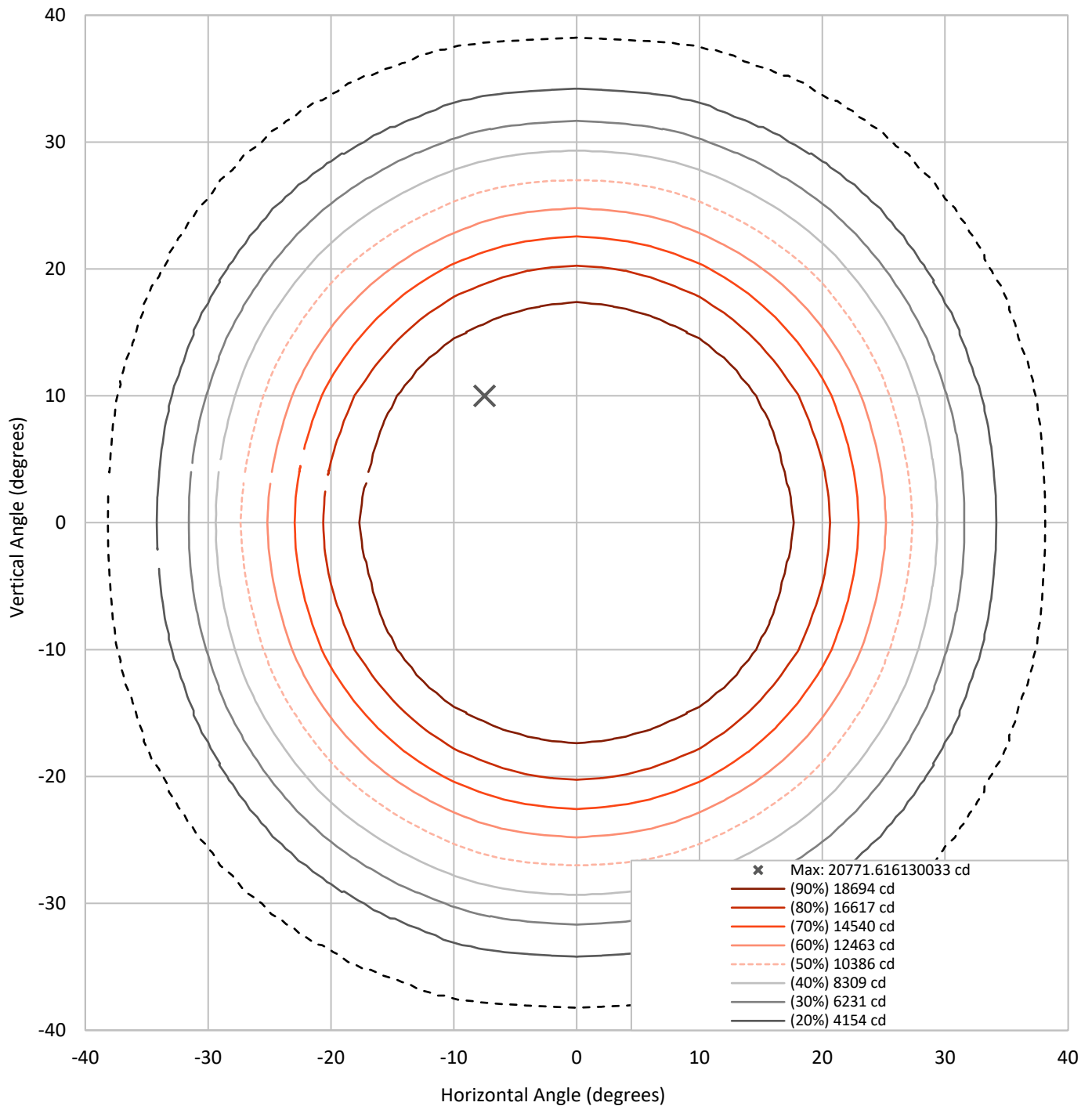
Summary

Lumens per Lamp:	N/A	NEMA Type:	5H x 5V
Luminaire Lumens:	17678.6 lumens	Max Intensity:	20771.6 candela
Efficiency:	N/A	Max Intensity Angle:	-7.5°H x 10°V
Efficacy:	145.3 lumens/watt		
Luminous Opening:	Rectangular (W 1.5' 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:	11734 lumens	Field Lumens:	15257.6 lumens
Beam Efficiency:	66.4%	Field Efficiency:	86.3%
Input Watts (W):	121.7		
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: P627167 (CONVERTED FROM TYPE C PHOTOMETRY)
CATALOG NUMBER: GFLD-SA3C-740-U-MWR-XX

Iso-Candela Plot





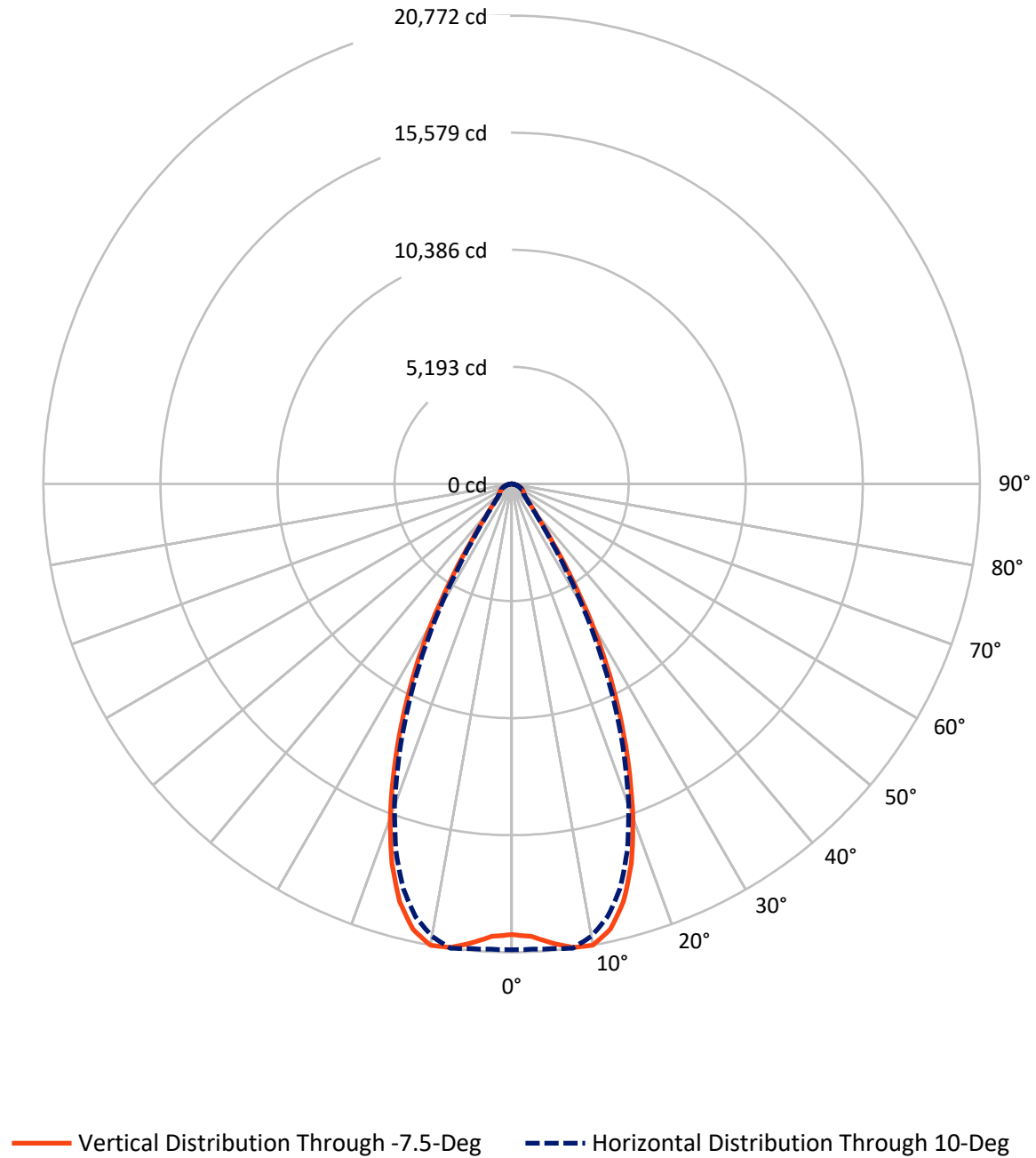
REPORT NUMBER: P627167 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA3C-740-U-MWR-XX

Lumen Table

90	0.5		4.1		11.1		17.6		19.6		17.6		11.1		4.1		0.5		
80	0.5		4.1		11.1		17.6		19.6		17.6		11.1		4.1		0.5		
70	1.9	2.1	4.3	7.1	9.9	12.0	13.6	14.4	14.4	13.6	12.0	9.9	7.1	4.3	2.1	1.9			
60		3.2	6.4	10.2	13.6	16.5	18.5	19.3	19.3	18.5	16.5	13.6	10.2	6.4	3.2				
50	3.3	4.1	8.1	12.4	16.6	21.6	27.2	31.2	31.2	27.2	21.6	16.6	12.4	8.1	4.1	3.3			
40		4.9	9.4	14.2	22.0	40.2	76.9	114.0	114.0	76.9	40.2	22.0	14.2	9.4	4.9				
30	4.3	5.4	10.2	16.6	36.2	113.5	254.6	355.5	355.5	254.6	113.5	36.2	16.6	10.2	5.4	4.3			
20		5.8	10.8	19.7	65.5	241.9	462.0	578.2	578.2	462.0	241.9	65.5	19.7	10.8	5.8				
10	4.6	6.0	11.0	22.2	94.2	331.1	560.5	609.9	609.9	560.5	331.1	94.2	22.2	11.0	6.0	4.6			
0		6.0	11.0	22.2	94.2	331.1	560.5	609.9	609.9	560.5	331.1	94.2	22.2	11.0	6.0				
-10	4.3	5.8	10.8	19.7	65.5	241.9	462.0	578.2	578.2	462.0	241.9	65.5	19.7	10.8	5.8	4.3			
-20		5.4	10.2	16.6	36.2	113.5	254.6	355.5	355.5	254.6	113.5	36.2	16.6	10.2	5.4				
-30	3.3	4.9	9.4	14.2	22.0	40.2	76.9	114.0	114.0	76.9	40.2	22.0	14.2	9.4	4.9	3.3			
-40		4.1	8.1	12.4	16.6	21.6	27.2	31.2	31.2	27.2	21.6	16.6	12.4	8.1	4.1				
-50	1.9	3.2	6.4	10.2	13.6	16.5	18.5	19.3	19.3	18.5	16.5	13.6	10.2	6.4	3.2	1.9			
-60		2.1	4.3	7.1	9.9	12.0	13.6	14.4	14.4	13.6	12.0	9.9	7.1	4.3	2.1				
-70	0.5		4.1		11.1		17.6		19.6		17.6		11.1		4.1		0.5		
-80	0.5		4.1		11.1		17.6		19.6		17.6		11.1		4.1		0.5		
-90	0.5		4.1		11.1		17.6		19.6		17.6		11.1		4.1		0.5		
	-90	-80	-70	-60	-50	-40	-30	-20	-10	0	10	20	30	40	50	60	70	80	90

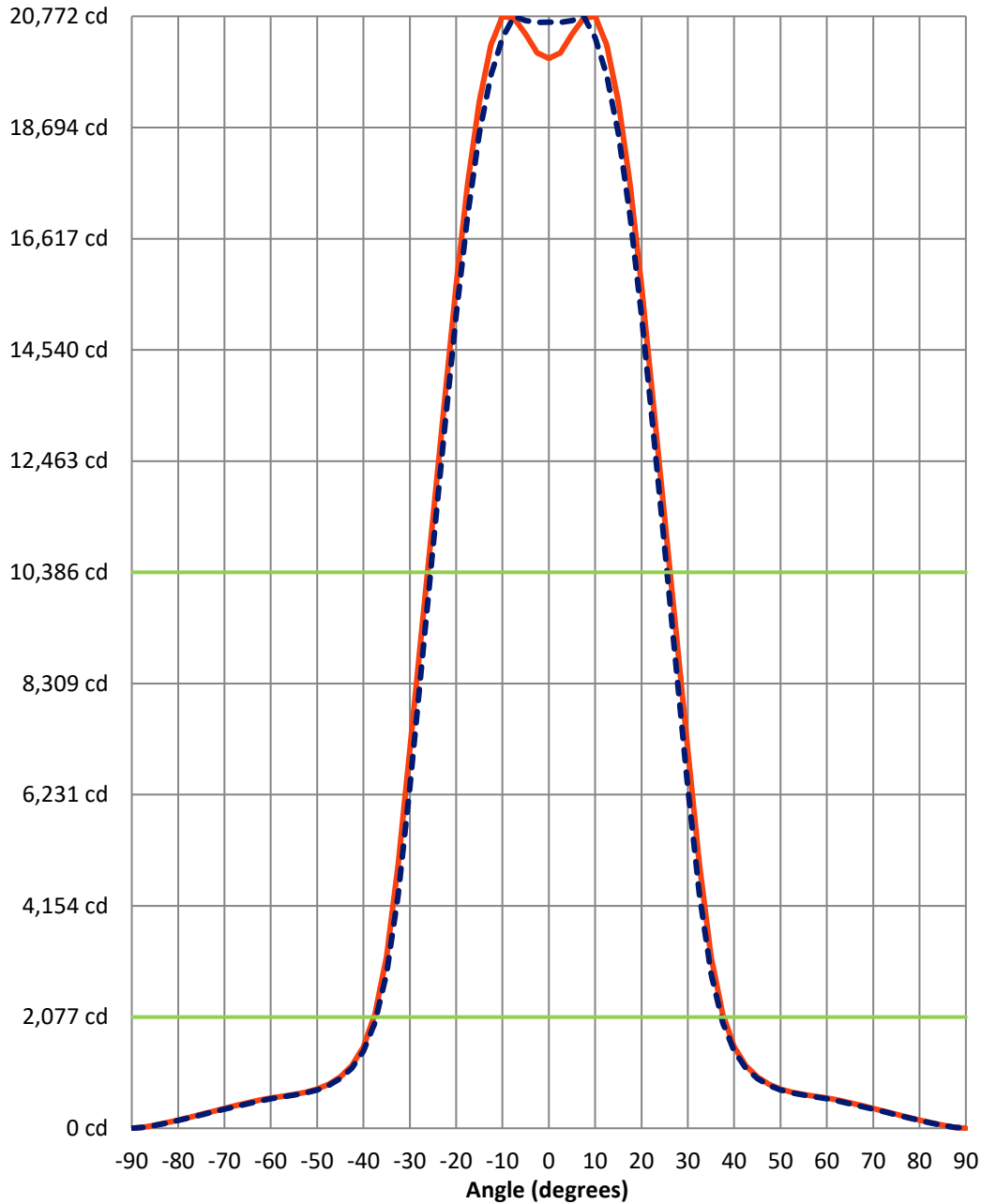
REPORT NUMBER: P627167 (CONVERTED FROM TYPE C PHOTOMETRY)
CATALOG NUMBER: GFLD-SA3C-740-U-MWR-XX

Luminous Intensity Polar Plot



REPORT NUMBER: P627167 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA3C-740-U-MWR-XX

Luminous Intensity Plot



Beam:
 H Angle: 51°
 V Angle: 52.3°
 Lumens: 11734
 Efficiency: 66.4%

Field:
 H Angle: 74.5°
 V Angle: 75.5°
 Lumens: 15257.6
 Efficiency: 86.3%

Spill:
 Lumens: 2421
 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: P627167 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA3C-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	0.8	1.6	2.4	3.2	3.9	4.7	5.7	6.8	8.0	9.2
85°	0.0	1.6	3.2	4.7	6.3	7.9	9.4	11.5	13.6	16.0	18.4
82.5°	0.0	2.4	4.7	7.1	9.5	11.8	14.1	17.1	20.8	26.3	31.4
80°	0.0	3.2	6.3	9.5	12.6	15.7	19.4	26.7	33.8	40.4	46.6
77.5°	0.0	3.9	7.9	11.8	15.7	21.2	29.6	38.3	46.6	54.5	62.9
75°	0.0	4.7	9.4	14.1	19.4	29.6	39.7	49.8	59.7	71.1	82.4
72.5°	0.0	5.5	10.9	16.4	26.1	37.9	49.6	61.7	75.3	88.6	101.6
70°	0.0	6.2	12.4	19.1	32.7	46.1	59.7	75.3	90.6	105.8	121.8
67.5°	0.0	7.0	13.9	24.0	39.2	54.2	71.0	88.6	105.8	123.6	141.8
65°	0.0	7.7	15.4	28.8	45.5	62.8	82.1	101.6	121.1	141.0	162.2
62.5°	0.0	8.4	16.8	33.5	51.8	71.7	93.0	114.6	136.1	158.6	184.1
60°	0.0	9.1	18.2	38.1	57.9	80.4	103.5	127.2	150.6	177.6	205.4
57.5°	0.0	9.8	21.1	42.5	64.5	88.8	114.1	139.4	166.5	196.1	225.5
55°	0.0	10.4	23.9	46.9	71.0	97.0	124.5	151.4	182.2	213.8	244.8
52.5°	0.0	11.1	26.7	51.1	77.3	105.0	134.6	164.6	197.4	230.7	263.6
50°	0.0	11.7	29.3	55.2	83.3	113.3	144.5	177.4	212.0	247.0	281.7
47.5°	0.0	12.3	31.9	59.2	89.1	121.3	154.2	189.8	226.0	262.8	299.3
45°	0.0	12.9	34.3	63.4	94.6	129.0	164.3	201.5	239.5	277.9	316.2
42.5°	0.0	13.4	36.6	67.3	99.9	136.5	173.8	212.7	252.3	292.5	332.1
40°	0.0	13.9	38.8	71.0	105.2	143.6	182.9	223.3	264.6	306.4	347.5
37.5°	0.0	14.4	40.8	74.4	110.7	150.5	191.5	233.3	276.4	319.8	362.2
35°	0.0	14.9	42.7	77.5	115.8	157.1	199.5	242.7	287.7	332.3	376.0
32.5°	0.0	15.3	44.5	80.5	120.7	163.4	207.0	251.3	298.4	343.9	388.1
30°	0.0	15.8	46.1	83.3	125.2	169.2	213.9	259.5	308.5	354.6	399.3
27.5°	0.0	16.1	47.6	85.8	129.2	174.6	220.3	267.6	317.7	364.4	409.8
25°	0.0	16.5	49.0	88.2	132.9	179.5	226.1	275.0	325.6	373.1	419.3
22.5°	0.0	16.8	50.2	90.3	136.2	183.8	231.2	281.8	332.8	380.8	428.0
20°	0.0	17.1	51.2	92.1	139.2	187.5	235.8	288.0	339.1	387.6	435.7
17.5°	0.0	17.4	52.1	93.7	141.7	190.8	240.0	293.4	344.6	393.7	442.4
15°	0.0	17.6	52.9	95.1	143.9	193.5	243.7	298.3	349.3	398.8	448.2
12.5°	0.0	17.8	53.5	96.3	145.7	195.8	246.9	302.7	353.5	403.1	453.0
10°	0.0	17.9	54.0	97.1	147.2	197.6	249.6	306.2	357.1	407.1	457.0
7.5°	0.0	18.0	54.4	97.8	148.2	198.9	251.7	309.0	359.9	410.3	460.7
5°	0.0	18.1	54.5	98.2	148.9	199.7	253.2	311.0	361.9	412.6	463.2
2.5°	0.0	18.2	54.6	98.3	149.1	200.1	254.2	312.2	363.1	413.9	464.8
0°	0.0	18.2	54.5	98.2	149.0	199.9	254.5	312.6	363.5	414.4	465.3
-2.5°	0.0	18.2	54.6	98.3	149.1	200.1	254.2	312.2	363.1	413.9	464.8
-5°	0.0	18.1	54.5	98.2	148.9	199.7	253.2	311.0	361.9	412.6	463.2
-7.5°	0.0	18.0	54.4	97.8	148.2	198.9	251.7	309.0	359.9	410.3	460.7
-10°	0.0	17.9	54.0	97.1	147.2	197.6	249.6	306.2	357.1	407.1	457.0
-12.5°	0.0	17.8	53.5	96.3	145.7	195.8	246.9	302.7	353.5	403.1	453.0
-15°	0.0	17.6	52.9	95.1	143.9	193.5	243.7	298.3	349.3	398.8	448.2
-17.5°	0.0	17.4	52.1	93.7	141.7	190.8	240.0	293.4	344.6	393.7	442.4
-20°	0.0	17.1	51.2	92.1	139.2	187.5	235.8	288.0	339.1	387.6	435.7

Classified

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

Scaled Data Report



REPORT NUMBER: P627167 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA3C-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	16.8	50.2	90.3	136.2	183.8	231.2	281.8	332.8	380.8	428.0
-25°	0.0	16.5	49.0	88.2	132.9	179.5	226.1	275.0	325.6	373.1	419.3
-27.5°	0.0	16.1	47.6	85.8	129.2	174.6	220.3	267.6	317.7	364.4	409.8
-30°	0.0	15.8	46.1	83.3	125.2	169.2	213.9	259.5	308.5	354.6	399.3
-32.5°	0.0	15.3	44.5	80.5	120.7	163.4	207.0	251.3	298.4	343.9	388.1
-35°	0.0	14.9	42.7	77.5	115.8	157.1	199.5	242.7	287.7	332.3	376.0
-37.5°	0.0	14.4	40.8	74.4	110.7	150.5	191.5	233.3	276.4	319.8	362.2
-40°	0.0	13.9	38.8	71.0	105.2	143.6	182.9	223.3	264.6	306.4	347.5
-42.5°	0.0	13.4	36.6	67.3	99.9	136.5	173.8	212.7	252.3	292.5	332.1
-45°	0.0	12.9	34.3	63.4	94.6	129.0	164.3	201.5	239.5	277.9	316.2
-47.5°	0.0	12.3	31.9	59.2	89.1	121.3	154.2	189.8	226.0	262.8	299.3
-50°	0.0	11.7	29.3	55.2	83.3	113.3	144.5	177.4	212.0	247.0	281.7
-52.5°	0.0	11.1	26.7	51.1	77.3	105.0	134.6	164.6	197.4	230.7	263.6
-55°	0.0	10.4	23.9	46.9	71.0	97.0	124.5	151.4	182.2	213.8	244.8
-57.5°	0.0	9.8	21.1	42.5	64.5	88.8	114.1	139.4	166.5	196.1	225.5
-60°	0.0	9.1	18.2	38.1	57.9	80.4	103.5	127.2	150.6	177.6	205.4
-62.5°	0.0	8.4	16.8	33.5	51.8	71.7	93.0	114.6	136.1	158.6	184.1
-65°	0.0	7.7	15.4	28.8	45.5	62.8	82.1	101.6	121.1	141.0	162.2
-67.5°	0.0	7.0	13.9	24.0	39.2	54.2	71.0	88.6	105.8	123.6	141.8
-70°	0.0	6.2	12.4	19.1	32.7	46.1	59.7	75.3	90.6	105.8	121.8
-72.5°	0.0	5.5	10.9	16.4	26.1	37.9	49.6	61.7	75.3	88.6	101.6
-75°	0.0	4.7	9.4	14.1	19.4	29.6	39.7	49.8	59.7	71.1	82.4
-77.5°	0.0	3.9	7.9	11.8	15.7	21.2	29.6	38.3	46.6	54.5	62.9
-80°	0.0	3.2	6.3	9.5	12.6	15.7	19.4	26.7	33.8	40.4	46.6
-82.5°	0.0	2.4	4.7	7.1	9.5	11.8	14.1	17.1	20.8	26.3	31.4
-85°	0.0	1.6	3.2	4.7	6.3	7.9	9.4	11.5	13.6	16.0	18.4
-87.5°	0.0	0.8	1.6	2.4	3.2	3.9	4.7	5.7	6.8	8.0	9.2
-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: P627167 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA3C-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°	10.1	10.9	11.7	12.5	13.3	14.0	14.7	15.4	16.1	16.7	17.3
85°	20.1	21.8	24.7	27.6	30.5	33.2	35.8	38.3	40.7	43.1	45.2
82.5°	36.0	40.7	45.5	50.4	54.7	58.8	62.8	67.0	71.1	75.2	79.3
80°	53.0	59.6	67.1	74.2	80.4	86.4	92.1	97.6	103.6	110.0	116.5
77.5°	72.6	81.9	90.7	98.9	106.9	115.5	123.9	131.9	140.3	148.6	156.5
75°	93.5	104.2	115.5	126.5	137.3	147.7	157.8	168.2	178.7	189.1	199.0
72.5°	115.2	128.8	142.0	154.9	168.2	181.3	193.8	205.9	218.4	231.2	243.4
70°	137.7	153.2	169.5	185.3	200.3	215.5	230.8	245.6	260.1	274.8	289.5
67.5°	160.4	179.8	198.2	215.7	233.4	251.3	268.6	286.3	303.4	320.6	337.0
65°	185.4	206.6	226.7	246.8	266.9	287.9	308.3	328.0	347.9	367.1	384.3
62.5°	209.9	232.5	254.7	277.5	301.5	325.0	347.4	370.0	393.0	413.1	430.6
60°	232.5	257.5	282.4	308.3	334.8	360.2	385.2	409.8	434.6	457.7	472.0
57.5°	254.2	281.9	309.5	337.4	365.4	393.7	419.9	447.0	470.0	489.6	506.1
55°	275.4	305.5	334.9	364.2	394.4	423.9	452.5	478.2	500.8	517.0	533.0
52.5°	296.0	327.7	358.1	389.8	421.9	453.2	483.1	507.0	525.4	542.0	556.9
50°	316.0	348.3	380.3	414.8	448.6	481.7	509.8	530.7	549.5	565.7	581.3
47.5°	334.8	368.4	402.7	438.9	474.4	506.5	532.3	554.2	573.3	590.8	609.3
45°	352.8	388.5	424.7	462.1	498.4	529.4	554.3	577.8	595.8	615.5	636.7
42.5°	370.3	407.8	445.8	484.3	521.0	550.0	574.9	596.4	617.5	640.9	666.5
40°	387.0	426.1	465.6	505.8	542.4	568.1	592.4	615.3	640.9	668.7	698.3
37.5°	402.6	443.2	484.3	525.9	558.1	584.5	609.5	634.9	664.8	696.9	737.2
35°	417.2	459.1	501.6	541.6	572.2	600.2	626.0	654.4	689.3	731.3	782.9
32.5°	430.7	473.8	517.6	554.3	585.1	614.2	640.7	676.2	718.1	768.1	841.1
30°	443.2	487.3	531.2	566.7	596.8	626.0	658.3	698.3	747.2	820.2	913.7
27.5°	454.8	499.6	541.9	577.1	607.2	637.4	675.2	723.6	788.0	875.2	991.4
25°	465.4	511.3	552.2	585.7	616.9	650.4	691.4	745.9	830.6	943.1	1100.1
22.5°	475.0	521.9	562.0	593.3	626.0	662.2	710.1	778.3	875.9	1007.3	1209.8
20°	483.6	529.8	569.4	600.4	634.4	672.0	726.8	808.9	926.7	1096.9	1355.4
17.5°	491.1	536.8	574.9	607.2	642.6	683.1	743.0	835.5	971.8	1175.0	1502.5
15°	497.6	542.8	579.5	613.0	649.7	695.9	765.6	870.3	1024.3	1256.3	1630.8
12.5°	502.9	547.7	583.3	617.8	655.5	706.6	784.9	903.1	1078.7	1356.2	1819.8
10°	507.1	551.6	586.2	621.5	660.1	715.1	800.6	929.9	1123.8	1442.7	1981.0
7.5°	511.0	554.4	588.2	624.1	663.4	721.5	812.6	950.5	1158.4	1510.6	2108.6
5°	513.9	556.2	589.4	625.6	666.2	725.6	820.7	964.9	1182.3	1559.1	2198.3
2.5°	515.6	556.7	589.6	626.0	668.2	727.5	824.9	972.8	1201.0	1582.1	2246.5
0°	516.2	556.2	588.9	625.3	668.9	727.0	825.2	974.2	1210.5	1581.3	2253.8
-2.5°	515.6	556.7	589.6	626.0	668.2	727.5	824.9	972.8	1201.0	1582.1	2246.5
-5°	513.9	556.2	589.4	625.6	666.2	725.6	820.7	964.9	1182.3	1559.1	2198.3
-7.5°	511.0	554.4	588.2	624.1	663.4	721.5	812.6	950.5	1158.4	1510.6	2108.6
-10°	507.1	551.6	586.2	621.5	660.1	715.1	800.6	929.9	1123.8	1442.7	1981.0
-12.5°	502.9	547.7	583.3	617.8	655.5	706.6	784.9	903.1	1078.7	1356.2	1819.8
-15°	497.6	542.8	579.5	613.0	649.7	695.9	765.6	870.3	1024.3	1256.3	1630.8
-17.5°	491.1	536.8	574.9	607.2	642.6	683.1	743.0	835.5	971.8	1175.0	1502.5
-20°	483.6	529.8	569.4	600.4	634.4	672.0	726.8	808.9	926.7	1096.9	1355.4

Classified

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

Scaled Data Report



REPORT NUMBER: P627167 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA3C-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°	475.0	521.9	562.0	593.3	626.0	662.2	710.1	778.3	875.9	1007.3	1209.8
-25°	465.4	511.3	552.2	585.7	616.9	650.4	691.4	745.9	830.6	943.1	1100.1
-27.5°	454.8	499.6	541.9	577.1	607.2	637.4	675.2	723.6	788.0	875.2	991.4
-30°	443.2	487.3	531.2	566.7	596.8	626.0	658.3	698.3	747.2	820.2	913.7
-32.5°	430.7	473.8	517.6	554.3	585.1	614.2	640.7	676.2	718.1	768.1	841.1
-35°	417.2	459.1	501.6	541.6	572.2	600.2	626.0	654.4	689.3	731.3	782.9
-37.5°	402.6	443.2	484.3	525.9	558.1	584.5	609.5	634.9	664.8	696.9	737.2
-40°	387.0	426.1	465.6	505.8	542.4	568.1	592.4	615.3	640.9	668.7	698.3
-42.5°	370.3	407.8	445.8	484.3	521.0	550.0	574.9	596.4	617.5	640.9	666.5
-45°	352.8	388.5	424.7	462.1	498.4	529.4	554.3	577.8	595.8	615.5	636.7
-47.5°	334.8	368.4	402.7	438.9	474.4	506.5	532.3	554.2	573.3	590.8	609.3
-50°	316.0	348.3	380.3	414.8	448.6	481.7	509.8	530.7	549.5	565.7	581.3
-52.5°	296.0	327.7	358.1	389.8	421.9	453.2	483.1	507.0	525.4	542.0	556.9
-55°	275.4	305.5	334.9	364.2	394.4	423.9	452.5	478.2	500.8	517.0	533.0
-57.5°	254.2	281.9	309.5	337.4	365.4	393.7	419.9	447.0	470.0	489.6	506.1
-60°	232.5	257.5	282.4	308.3	334.8	360.2	385.2	409.8	434.6	457.7	472.0
-62.5°	209.9	232.5	254.7	277.5	301.5	325.0	347.4	370.0	393.0	413.1	430.6
-65°	185.4	206.6	226.7	246.8	266.9	287.9	308.3	328.0	347.9	367.1	384.3
-67.5°	160.4	179.8	198.2	215.7	233.4	251.3	268.6	286.3	303.4	320.6	337.0
-70°	137.7	153.2	169.5	185.3	200.3	215.5	230.8	245.6	260.1	274.8	289.5
-72.5°	115.2	128.8	142.0	154.9	168.2	181.3	193.8	205.9	218.4	231.2	243.4
-75°	93.5	104.2	115.5	126.5	137.3	147.7	157.8	168.2	178.7	189.1	199.0
-77.5°	72.6	81.9	90.7	98.9	106.9	115.5	123.9	131.9	140.3	148.6	156.5
-80°	53.0	59.6	67.1	74.2	80.4	86.4	92.1	97.6	103.6	110.0	116.5
-82.5°	36.0	40.7	45.5	50.4	54.7	58.8	62.8	67.0	71.1	75.2	79.3
-85°	20.1	21.8	24.7	27.6	30.5	33.2	35.8	38.3	40.7	43.1	45.2
-87.5°	10.1	10.9	11.7	12.5	13.3	14.0	14.7	15.4	16.1	16.7	17.3
-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: P627167 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA3C-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°	17.9	17.6	17.3	16.9	16.5	17.6	18.8	19.9	21.1	20.4	19.7
85°	47.3	48.4	49.3	50.1	50.7	53.0	55.1	57.2	59.0	59.0	58.8
82.5°	83.3	85.9	88.2	90.3	92.1	94.8	97.1	99.2	100.9	102.2	103.3
80°	122.7	127.1	130.8	134.1	137.2	140.7	143.9	146.8	149.3	150.7	151.5
77.5°	164.3	170.7	176.4	181.8	186.9	192.0	196.7	200.8	204.4	205.3	205.1
75°	208.5	217.0	225.0	232.4	239.3	245.2	250.1	254.3	257.8	259.5	260.4
72.5°	254.9	265.4	274.8	283.3	290.6	296.7	302.0	306.5	310.4	312.8	314.3
70°	303.4	315.8	325.5	333.5	339.8	345.8	352.6	359.0	365.1	368.5	369.8
67.5°	352.0	364.9	373.8	381.1	386.8	392.8	401.3	408.9	415.8	420.4	423.3
65°	399.6	413.2	422.1	429.1	434.3	440.3	449.8	457.4	463.2	467.8	471.9
62.5°	446.6	460.3	470.2	478.5	486.1	492.6	500.5	506.8	511.8	516.4	521.5
60°	487.4	503.6	514.0	522.4	531.8	542.0	547.8	552.6	556.7	560.4	563.6
57.5°	520.6	535.1	548.4	558.5	568.4	577.8	584.7	589.2	592.8	595.6	596.6
55°	548.5	563.4	578.3	589.2	598.9	607.8	615.2	621.1	626.0	629.8	630.7
52.5°	573.4	590.1	604.8	617.4	630.2	640.7	648.9	656.9	663.8	669.5	671.9
50°	600.5	618.1	636.4	653.3	666.9	678.8	688.8	700.1	711.9	721.7	727.9
47.5°	629.1	649.3	671.4	692.2	708.3	726.0	742.5	759.3	781.3	799.9	813.6
45°	659.0	685.0	710.1	736.5	758.8	792.2	823.3	849.9	885.3	917.3	942.8
42.5°	694.2	726.6	757.4	799.8	844.2	889.8	939.1	981.2	1036.5	1092.8	1138.2
40°	736.0	777.3	831.7	888.6	958.7	1021.4	1106.5	1182.3	1267.1	1374.5	1463.2
37.5°	786.3	849.9	925.6	1005.0	1114.2	1218.5	1359.1	1507.4	1641.8	1848.3	2022.0
35°	851.5	940.6	1040.3	1180.7	1335.2	1530.8	1750.2	2036.4	2281.9	2630.1	2962.9
32.5°	935.7	1050.2	1213.0	1429.7	1658.2	2013.2	2361.3	2858.4	3318.6	3870.5	4466.2
30°	1029.4	1203.6	1452.2	1749.5	2175.8	2698.1	3311.7	4075.1	4910.6	5686.3	6450.7
27.5°	1165.1	1414.8	1741.3	2221.0	2885.4	3616.1	4691.3	5727.6	6808.7	7769.8	8571.3
25°	1323.5	1653.5	2158.5	2864.8	3763.2	5014.6	6301.7	7580.6	8743.3	9749.5	10635.1
22.5°	1528.2	2002.8	2676.0	3590.8	4989.9	6489.7	7998.9	9409.6	10649.9	11770.3	12728.9
20°	1750.8	2344.6	3305.9	4670.2	6270.1	7978.8	9683.0	11185.7	12551.3	13821.6	14902.1
17.5°	2032.9	2864.5	4081.9	5718.5	7568.2	9440.4	11230.7	12861.3	14410.7	15754.9	16883.8
15°	2273.3	3322.3	4911.2	6830.6	8831.4	10806.3	12696.4	14467.6	16078.4	17457.7	18518.9
12.5°	2594.0	3835.5	5647.6	7786.6	9954.9	12032.9	14023.7	15854.4	17493.7	18857.7	19683.9
10°	2897.1	4366.8	6359.3	8590.1	10842.6	13056.6	15182.3	17059.9	18581.9	19666.9	20371.0
7.5°	3154.8	4823.3	6938.2	9239.4	11547.9	13862.7	16014.4	17841.2	19244.6	20150.8	20640.9
5°	3347.2	5164.7	7367.9	9767.1	12135.9	14491.4	16626.3	18341.3	19554.2	20227.3	20473.4
2.5°	3469.8	5365.1	7617.2	10113.3	12529.5	14889.1	17046.0	18734.1	19763.1	20209.3	20251.7
0°	3518.9	5391.0	7655.7	10294.8	12628.6	15002.4	17165.3	18895.7	19840.8	20208.0	20200.7
-2.5°	3469.8	5365.1	7617.2	10113.3	12529.5	14889.1	17046.0	18734.1	19763.1	20209.3	20251.7
-5°	3347.2	5164.7	7367.9	9767.1	12135.9	14491.4	16626.3	18341.3	19554.2	20227.3	20473.4
-7.5°	3154.8	4823.3	6938.2	9239.4	11547.9	13862.7	16014.4	17841.2	19244.6	20150.8	20640.9
-10°	2897.1	4366.8	6359.3	8590.1	10842.6	13056.6	15182.3	17059.9	18581.9	19666.9	20371.0
-12.5°	2594.0	3835.5	5647.6	7786.6	9954.9	12032.9	14023.7	15854.4	17493.7	18857.7	19683.9
-15°	2273.3	3322.3	4911.2	6830.6	8831.4	10806.3	12696.4	14467.6	16078.4	17457.7	18518.9
-17.5°	2032.9	2864.5	4081.9	5718.5	7568.2	9440.4	11230.7	12861.3	14410.7	15754.9	16883.8
-20°	1750.8	2344.6	3305.9	4670.2	6270.1	7978.8	9683.0	11185.7	12551.3	13821.6	14902.1

Classified

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

Scaled Data Report



REPORT NUMBER: P627167 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA3C-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°	1528.2	2002.8	2676.0	3590.8	4989.9	6489.7	7998.9	9409.6	10649.9	11770.3	12728.9
-25°	1323.5	1653.5	2158.5	2864.8	3763.2	5014.6	6301.7	7580.6	8743.3	9749.5	10635.1
-27.5°	1165.1	1414.8	1741.3	2221.0	2885.4	3616.1	4691.3	5727.6	6808.7	7769.8	8571.3
-30°	1029.4	1203.6	1452.2	1749.5	2175.8	2698.1	3311.7	4075.1	4910.6	5686.3	6450.7
-32.5°	935.7	1050.2	1213.0	1429.7	1658.2	2013.2	2361.3	2858.4	3318.6	3870.5	4466.2
-35°	851.5	940.6	1040.3	1180.7	1335.2	1530.8	1750.2	2036.4	2281.9	2630.1	2962.9
-37.5°	786.3	849.9	925.6	1005.0	1114.2	1218.5	1359.1	1507.4	1641.8	1848.3	2022.0
-40°	736.0	777.3	831.7	888.6	958.7	1021.4	1106.5	1182.3	1267.1	1374.5	1463.2
-42.5°	694.2	726.6	757.4	799.8	844.2	889.8	939.1	981.2	1036.5	1092.8	1138.2
-45°	659.0	685.0	710.1	736.5	758.8	792.2	823.3	849.9	885.3	917.3	942.8
-47.5°	629.1	649.3	671.4	692.2	708.3	726.0	742.5	759.3	781.3	799.9	813.6
-50°	600.5	618.1	636.4	653.3	666.9	678.8	688.8	700.1	711.9	721.7	727.9
-52.5°	573.4	590.1	604.8	617.4	630.2	640.7	648.9	656.9	663.8	669.5	671.9
-55°	548.5	563.4	578.3	589.2	598.9	607.8	615.2	621.1	626.0	629.8	630.7
-57.5°	520.6	535.1	548.4	558.5	568.4	577.8	584.7	589.2	592.8	595.6	596.6
-60°	487.4	503.6	514.0	522.4	531.8	542.0	547.8	552.6	556.7	560.4	563.6
-62.5°	446.6	460.3	470.2	478.5	486.1	492.6	500.5	506.8	511.8	516.4	521.5
-65°	399.6	413.2	422.1	429.1	434.3	440.3	449.8	457.4	463.2	467.8	471.9
-67.5°	352.0	364.9	373.8	381.1	386.8	392.8	401.3	408.9	415.8	420.4	423.3
-70°	303.4	315.8	325.5	333.5	339.8	345.8	352.6	359.0	365.1	368.5	369.8
-72.5°	254.9	265.4	274.8	283.3	290.6	296.7	302.0	306.5	310.4	312.8	314.3
-75°	208.5	217.0	225.0	232.4	239.3	245.2	250.1	254.3	257.8	259.5	260.4
-77.5°	164.3	170.7	176.4	181.8	186.9	192.0	196.7	200.8	204.4	205.3	205.1
-80°	122.7	127.1	130.8	134.1	137.2	140.7	143.9	146.8	149.3	150.7	151.5
-82.5°	83.3	85.9	88.2	90.3	92.1	94.8	97.1	99.2	100.9	102.2	103.3
-85°	47.3	48.4	49.3	50.1	50.7	53.0	55.1	57.2	59.0	59.0	58.8
-87.5°	17.9	17.6	17.3	16.9	16.5	17.6	18.8	19.9	21.1	20.4	19.7
-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: P627167 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA3C-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°	18.9	18.1	18.2	18.2	18.2	18.1	18.9	19.7	20.4	21.1	19.9
85°	58.4	57.9	56.3	54.5	56.3	57.9	58.4	58.8	59.0	59.0	57.2
82.5°	104.2	104.9	103.5	101.8	103.5	104.9	104.2	103.3	102.2	100.9	99.2
80°	152.0	152.0	150.7	149.0	150.7	152.0	152.0	151.5	150.7	149.3	146.8
77.5°	204.2	202.7	203.3	203.6	203.3	202.7	204.2	205.1	205.3	204.4	200.8
75°	260.7	260.5	259.6	258.1	259.6	260.5	260.7	260.4	259.5	257.8	254.3
72.5°	315.0	315.0	314.2	312.6	314.2	315.0	315.0	314.3	312.8	310.4	306.5
70°	370.1	369.4	370.4	370.8	370.4	369.4	370.1	369.8	368.5	365.1	359.0
67.5°	425.6	427.1	426.8	425.3	426.8	427.1	425.6	423.3	420.4	415.8	408.9
65°	475.3	477.7	479.3	479.8	479.3	477.7	475.3	471.9	467.8	463.2	457.4
62.5°	525.5	528.4	528.6	527.1	528.6	528.4	525.5	521.5	516.4	511.8	506.8
60°	565.3	565.8	565.1	563.5	565.1	565.8	565.3	563.6	560.4	556.7	552.6
57.5°	596.6	595.6	594.3	592.5	594.3	595.6	596.6	596.6	595.6	592.8	589.2
55°	630.2	628.5	627.0	625.3	627.0	628.5	630.2	630.7	629.8	626.0	621.1
52.5°	672.4	671.5	670.4	668.9	670.4	671.5	672.4	671.9	669.5	663.8	656.9
50°	731.1	732.0	731.9	730.7	731.9	732.0	731.1	727.9	721.7	711.9	700.1
47.5°	822.4	827.2	830.5	832.5	830.5	827.2	822.4	813.6	799.9	781.3	759.3
45°	959.2	968.9	975.8	981.5	975.8	968.9	959.2	942.8	917.3	885.3	849.9
42.5°	1170.2	1192.0	1202.2	1199.6	1202.2	1192.0	1170.2	1138.2	1092.8	1036.5	981.2
40°	1522.2	1557.3	1576.7	1592.2	1576.7	1557.3	1522.2	1463.2	1374.5	1267.1	1182.3
37.5°	2140.5	2208.6	2244.5	2275.6	2244.5	2208.6	2140.5	2022.0	1848.3	1641.8	1507.4
35°	3211.5	3364.7	3446.7	3475.2	3446.7	3364.7	3211.5	2962.9	2630.1	2281.9	2036.4
32.5°	4929.7	5212.2	5368.4	5489.1	5368.4	5212.2	4929.7	4466.2	3870.5	3318.6	2858.4
30°	7055.9	7428.1	7634.7	7735.7	7634.7	7428.1	7055.9	6450.7	5686.3	4910.6	4075.1
27.5°	9235.6	9658.7	9881.5	9869.5	9881.5	9658.7	9235.6	8571.3	7769.8	6808.7	5727.6
25°	11394.3	11884.3	12106.3	12305.1	12106.3	11884.3	11394.3	10635.1	9749.5	8743.3	7580.6
22.5°	13577.5	14150.5	14463.2	14609.8	14463.2	14150.5	13577.5	12728.9	11770.3	10649.9	9409.6
20°	15734.7	16372.6	16704.6	16849.1	16704.6	16372.6	15734.7	14902.1	13821.6	12551.3	11185.7
17.5°	17648.0	18270.7	18587.1	18721.2	18587.1	18270.7	17648.0	16883.8	15754.9	14410.7	12861.3
15°	19175.7	19635.0	19904.1	19975.3	19904.1	19635.0	19175.7	18518.9	17457.7	16078.4	14467.6
12.5°	20231.7	20409.7	20539.1	20578.8	20539.1	20409.7	20231.7	19683.9	18857.7	17493.7	15854.4
10°	20771.6	20691.3	20658.2	20662.4	20658.2	20691.3	20771.6	20371.0	19666.9	18581.9	17059.9
7.5°	20734.5	20615.6	20376.9	20338.9	20376.9	20615.6	20734.5	20640.9	20150.8	19244.6	17841.2
5°	20436.6	20220.2	19823.9	19710.0	19823.9	20220.2	20436.6	20473.4	20227.3	19554.2	18341.3
2.5°	20089.4	19699.3	19334.2	19099.3	19334.2	19699.3	20089.4	20251.7	20209.3	19763.1	18734.1
0°	19986.3	19535.5	19062.9	18910.2	19062.9	19535.5	19986.3	20200.7	20208.0	19840.8	18895.7
-2.5°	20089.4	19699.3	19334.2	19099.3	19334.2	19699.3	20089.4	20251.7	20209.3	19763.1	18734.1
-5°	20436.6	20220.2	19823.9	19710.0	19823.9	20220.2	20436.6	20473.4	20227.3	19554.2	18341.3
-7.5°	20734.5	20615.6	20376.9	20338.9	20376.9	20615.6	20734.5	20640.9	20150.8	19244.6	17841.2
-10°	20771.6	20691.3	20658.2	20662.4	20658.2	20691.3	20771.6	20371.0	19666.9	18581.9	17059.9
-12.5°	20231.7	20409.7	20539.1	20578.8	20539.1	20409.7	20231.7	19683.9	18857.7	17493.7	15854.4
-15°	19175.7	19635.0	19904.1	19975.3	19904.1	19635.0	19175.7	18518.9	17457.7	16078.4	14467.6
-17.5°	17648.0	18270.7	18587.1	18721.2	18587.1	18270.7	17648.0	16883.8	15754.9	14410.7	12861.3
-20°	15734.7	16372.6	16704.6	16849.1	16704.6	16372.6	15734.7	14902.1	13821.6	12551.3	11185.7



REPORT NUMBER: P627167 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA3C-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°	13577.5	14150.5	14463.2	14609.8	14463.2	14150.5	13577.5	12728.9	11770.3	10649.9	9409.6
-25°	11394.3	11884.3	12106.3	12305.1	12106.3	11884.3	11394.3	10635.1	9749.5	8743.3	7580.6
-27.5°	9235.6	9658.7	9881.5	9869.5	9881.5	9658.7	9235.6	8571.3	7769.8	6808.7	5727.6
-30°	7055.9	7428.1	7634.7	7735.7	7634.7	7428.1	7055.9	6450.7	5686.3	4910.6	4075.1
-32.5°	4929.7	5212.2	5368.4	5489.1	5368.4	5212.2	4929.7	4466.2	3870.5	3318.6	2858.4
-35°	3211.5	3364.7	3446.7	3475.2	3446.7	3364.7	3211.5	2962.9	2630.1	2281.9	2036.4
-37.5°	2140.5	2208.6	2244.5	2275.6	2244.5	2208.6	2140.5	2022.0	1848.3	1641.8	1507.4
-40°	1522.2	1557.3	1576.7	1592.2	1576.7	1557.3	1522.2	1463.2	1374.5	1267.1	1182.3
-42.5°	1170.2	1192.0	1202.2	1199.6	1202.2	1192.0	1170.2	1138.2	1092.8	1036.5	981.2
-45°	959.2	968.9	975.8	981.5	975.8	968.9	959.2	942.8	917.3	885.3	849.9
-47.5°	822.4	827.2	830.5	832.5	830.5	827.2	822.4	813.6	799.9	781.3	759.3
-50°	731.1	732.0	731.9	730.7	731.9	732.0	731.1	727.9	721.7	711.9	700.1
-52.5°	672.4	671.5	670.4	668.9	670.4	671.5	672.4	671.9	669.5	663.8	656.9
-55°	630.2	628.5	627.0	625.3	627.0	628.5	630.2	630.7	629.8	626.0	621.1
-57.5°	596.6	595.6	594.3	592.5	594.3	595.6	596.6	596.6	595.6	592.8	589.2
-60°	565.3	565.8	565.1	563.5	565.1	565.8	565.3	563.6	560.4	556.7	552.6
-62.5°	525.5	528.4	528.6	527.1	528.6	528.4	525.5	521.5	516.4	511.8	506.8
-65°	475.3	477.7	479.3	479.8	479.3	477.7	475.3	471.9	467.8	463.2	457.4
-67.5°	425.6	427.1	426.8	425.3	426.8	427.1	425.6	423.3	420.4	415.8	408.9
-70°	370.1	369.4	370.4	370.8	370.4	369.4	370.1	369.8	368.5	365.1	359.0
-72.5°	315.0	315.0	314.2	312.6	314.2	315.0	315.0	314.3	312.8	310.4	306.5
-75°	260.7	260.5	259.6	258.1	259.6	260.5	260.7	260.4	259.5	257.8	254.3
-77.5°	204.2	202.7	203.3	203.6	203.3	202.7	204.2	205.1	205.3	204.4	200.8
-80°	152.0	152.0	150.7	149.0	150.7	152.0	152.0	151.5	150.7	149.3	146.8
-82.5°	104.2	104.9	103.5	101.8	103.5	104.9	104.2	103.3	102.2	100.9	99.2
-85°	58.4	57.9	56.3	54.5	56.3	57.9	58.4	58.8	59.0	59.0	57.2
-87.5°	18.9	18.1	18.2	18.2	18.2	18.1	18.9	19.7	20.4	21.1	19.9
-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: P627167 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA3C-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°	18.8	17.6	16.5	16.9	17.3	17.6	17.9	17.3	16.7	16.1	15.4
85°	55.1	53.0	50.7	50.1	49.3	48.4	47.3	45.2	43.1	40.7	38.3
82.5°	97.1	94.8	92.1	90.3	88.2	85.9	83.3	79.3	75.2	71.1	67.0
80°	143.9	140.7	137.2	134.1	130.8	127.1	122.7	116.5	110.0	103.6	97.6
77.5°	196.7	192.0	186.9	181.8	176.4	170.7	164.3	156.5	148.6	140.3	131.9
75°	250.1	245.2	239.3	232.4	225.0	217.0	208.5	199.0	189.1	178.7	168.2
72.5°	302.0	296.7	290.6	283.3	274.8	265.4	254.9	243.4	231.2	218.4	205.9
70°	352.6	345.8	339.8	333.5	325.5	315.8	303.4	289.5	274.8	260.1	245.6
67.5°	401.3	392.8	386.8	381.1	373.8	364.9	352.0	337.0	320.6	303.4	286.3
65°	449.8	440.3	434.3	429.1	422.1	413.2	399.6	384.3	367.1	347.9	328.0
62.5°	500.5	492.6	486.1	478.5	470.2	460.3	446.6	430.6	413.1	393.0	370.0
60°	547.8	542.0	531.8	522.4	514.0	503.6	487.4	472.0	457.7	434.6	409.8
57.5°	584.7	577.8	568.4	558.5	548.4	535.1	520.6	506.1	489.6	470.0	447.0
55°	615.2	607.8	598.9	589.2	578.3	563.4	548.5	533.0	517.0	500.8	478.2
52.5°	648.9	640.7	630.2	617.4	604.8	590.1	573.4	556.9	542.0	525.4	507.0
50°	688.8	678.8	666.9	653.3	636.4	618.1	600.5	581.3	565.7	549.5	530.7
47.5°	742.5	726.0	708.3	692.2	671.4	649.3	629.1	609.3	590.8	573.3	554.2
45°	823.3	792.2	758.8	736.5	710.1	685.0	659.0	636.7	615.5	595.8	577.8
42.5°	939.1	889.8	844.2	799.8	757.4	726.6	694.2	666.5	640.9	617.5	596.4
40°	1106.5	1021.4	958.7	888.6	831.7	777.3	736.0	698.3	668.7	640.9	615.3
37.5°	1359.1	1218.5	1114.2	1005.0	925.6	849.9	786.3	737.2	696.9	664.8	634.9
35°	1750.2	1530.8	1335.2	1180.7	1040.3	940.6	851.5	782.9	731.3	689.3	654.4
32.5°	2361.3	2013.2	1658.2	1429.7	1213.0	1050.2	935.7	841.1	768.1	718.1	676.2
30°	3311.7	2698.1	2175.8	1749.5	1452.2	1203.6	1029.4	913.7	820.2	747.2	698.3
27.5°	4691.3	3616.1	2885.4	2221.0	1741.3	1414.8	1165.1	991.4	875.2	788.0	723.6
25°	6301.7	5014.6	3763.2	2864.8	2158.5	1653.5	1323.5	1100.1	943.1	830.6	745.9
22.5°	7998.9	6489.7	4989.9	3590.8	2676.0	2002.8	1528.2	1209.8	1007.3	875.9	778.3
20°	9683.0	7978.8	6270.1	4670.2	3305.9	2344.6	1750.8	1355.4	1096.9	926.7	808.9
17.5°	11230.7	9440.4	7568.2	5718.5	4081.9	2864.5	2032.9	1502.5	1175.0	971.8	835.5
15°	12696.4	10806.3	8831.4	6830.6	4911.2	3322.3	2273.3	1630.8	1256.3	1024.3	870.3
12.5°	14023.7	12032.9	9954.9	7786.6	5647.6	3835.5	2594.0	1819.8	1356.2	1078.7	903.1
10°	15182.3	13056.6	10842.6	8590.1	6359.3	4366.8	2897.1	1981.0	1442.7	1123.8	929.9
7.5°	16014.4	13862.7	11547.9	9239.4	6938.2	4823.3	3154.8	2108.6	1510.6	1158.4	950.5
5°	16626.3	14491.4	12135.9	9767.1	7367.9	5164.7	3347.2	2198.3	1559.1	1182.3	964.9
2.5°	17046.0	14889.1	12529.5	10113.3	7617.2	5365.1	3469.8	2246.5	1582.1	1201.0	972.8
0°	17165.3	15002.4	12628.6	10294.8	7655.7	5391.0	3518.9	2253.8	1581.3	1210.5	974.2
-2.5°	17046.0	14889.1	12529.5	10113.3	7617.2	5365.1	3469.8	2246.5	1582.1	1201.0	972.8
-5°	16626.3	14491.4	12135.9	9767.1	7367.9	5164.7	3347.2	2198.3	1559.1	1182.3	964.9
-7.5°	16014.4	13862.7	11547.9	9239.4	6938.2	4823.3	3154.8	2108.6	1510.6	1158.4	950.5
-10°	15182.3	13056.6	10842.6	8590.1	6359.3	4366.8	2897.1	1981.0	1442.7	1123.8	929.9
-12.5°	14023.7	12032.9	9954.9	7786.6	5647.6	3835.5	2594.0	1819.8	1356.2	1078.7	903.1
-15°	12696.4	10806.3	8831.4	6830.6	4911.2	3322.3	2273.3	1630.8	1256.3	1024.3	870.3
-17.5°	11230.7	9440.4	7568.2	5718.5	4081.9	2864.5	2032.9	1502.5	1175.0	971.8	835.5
-20°	9683.0	7978.8	6270.1	4670.2	3305.9	2344.6	1750.8	1355.4	1096.9	926.7	808.9



REPORT NUMBER: P627167 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA3C-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°	7998.9	6489.7	4989.9	3590.8	2676.0	2002.8	1528.2	1209.8	1007.3	875.9	778.3
-25°	6301.7	5014.6	3763.2	2864.8	2158.5	1653.5	1323.5	1100.1	943.1	830.6	745.9
-27.5°	4691.3	3616.1	2885.4	2221.0	1741.3	1414.8	1165.1	991.4	875.2	788.0	723.6
-30°	3311.7	2698.1	2175.8	1749.5	1452.2	1203.6	1029.4	913.7	820.2	747.2	698.3
-32.5°	2361.3	2013.2	1658.2	1429.7	1213.0	1050.2	935.7	841.1	768.1	718.1	676.2
-35°	1750.2	1530.8	1335.2	1180.7	1040.3	940.6	851.5	782.9	731.3	689.3	654.4
-37.5°	1359.1	1218.5	1114.2	1005.0	925.6	849.9	786.3	737.2	696.9	664.8	634.9
-40°	1106.5	1021.4	958.7	888.6	831.7	777.3	736.0	698.3	668.7	640.9	615.3
-42.5°	939.1	889.8	844.2	799.8	757.4	726.6	694.2	666.5	640.9	617.5	596.4
-45°	823.3	792.2	758.8	736.5	710.1	685.0	659.0	636.7	615.5	595.8	577.8
-47.5°	742.5	726.0	708.3	692.2	671.4	649.3	629.1	609.3	590.8	573.3	554.2
-50°	688.8	678.8	666.9	653.3	636.4	618.1	600.5	581.3	565.7	549.5	530.7
-52.5°	648.9	640.7	630.2	617.4	604.8	590.1	573.4	556.9	542.0	525.4	507.0
-55°	615.2	607.8	598.9	589.2	578.3	563.4	548.5	533.0	517.0	500.8	478.2
-57.5°	584.7	577.8	568.4	558.5	548.4	535.1	520.6	506.1	489.6	470.0	447.0
-60°	547.8	542.0	531.8	522.4	514.0	503.6	487.4	472.0	457.7	434.6	409.8
-62.5°	500.5	492.6	486.1	478.5	470.2	460.3	446.6	430.6	413.1	393.0	370.0
-65°	449.8	440.3	434.3	429.1	422.1	413.2	399.6	384.3	367.1	347.9	328.0
-67.5°	401.3	392.8	386.8	381.1	373.8	364.9	352.0	337.0	320.6	303.4	286.3
-70°	352.6	345.8	339.8	333.5	325.5	315.8	303.4	289.5	274.8	260.1	245.6
-72.5°	302.0	296.7	290.6	283.3	274.8	265.4	254.9	243.4	231.2	218.4	205.9
-75°	250.1	245.2	239.3	232.4	225.0	217.0	208.5	199.0	189.1	178.7	168.2
-77.5°	196.7	192.0	186.9	181.8	176.4	170.7	164.3	156.5	148.6	140.3	131.9
-80°	143.9	140.7	137.2	134.1	130.8	127.1	122.7	116.5	110.0	103.6	97.6
-82.5°	97.1	94.8	92.1	90.3	88.2	85.9	83.3	79.3	75.2	71.1	67.0
-85°	55.1	53.0	50.7	50.1	49.3	48.4	47.3	45.2	43.1	40.7	38.3
-87.5°	18.8	17.6	16.5	16.9	17.3	17.6	17.9	17.3	16.7	16.1	15.4
-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: P627167 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA3C-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°	14.7	14.0	13.3	12.5	11.7	10.9	10.1	9.2	8.0	6.8	5.7
85°	35.8	33.2	30.5	27.6	24.7	21.8	20.1	18.4	16.0	13.6	11.5
82.5°	62.8	58.8	54.7	50.4	45.5	40.7	36.0	31.4	26.3	20.8	17.1
80°	92.1	86.4	80.4	74.2	67.1	59.6	53.0	46.6	40.4	33.8	26.7
77.5°	123.9	115.5	106.9	98.9	90.7	81.9	72.6	62.9	54.5	46.6	38.3
75°	157.8	147.7	137.3	126.5	115.5	104.2	93.5	82.4	71.1	59.7	49.8
72.5°	193.8	181.3	168.2	154.9	142.0	128.8	115.2	101.6	88.6	75.3	61.7
70°	230.8	215.5	200.3	185.3	169.5	153.2	137.7	121.8	105.8	90.6	75.3
67.5°	268.6	251.3	233.4	215.7	198.2	179.8	160.4	141.8	123.6	105.8	88.6
65°	308.3	287.9	266.9	246.8	226.7	206.6	185.4	162.2	141.0	121.1	101.6
62.5°	347.4	325.0	301.5	277.5	254.7	232.5	209.9	184.1	158.6	136.1	114.6
60°	385.2	360.2	334.8	308.3	282.4	257.5	232.5	205.4	177.6	150.6	127.2
57.5°	419.9	393.7	365.4	337.4	309.5	281.9	254.2	225.5	196.1	166.5	139.4
55°	452.5	423.9	394.4	364.2	334.9	305.5	275.4	244.8	213.8	182.2	151.4
52.5°	483.1	453.2	421.9	389.8	358.1	327.7	296.0	263.6	230.7	197.4	164.6
50°	509.8	481.7	448.6	414.8	380.3	348.3	316.0	281.7	247.0	212.0	177.4
47.5°	532.3	506.5	474.4	438.9	402.7	368.4	334.8	299.3	262.8	226.0	189.8
45°	554.3	529.4	498.4	462.1	424.7	388.5	352.8	316.2	277.9	239.5	201.5
42.5°	574.9	550.0	521.0	484.3	445.8	407.8	370.3	332.1	292.5	252.3	212.7
40°	592.4	568.1	542.4	505.8	465.6	426.1	387.0	347.5	306.4	264.6	223.3
37.5°	609.5	584.5	558.1	525.9	484.3	443.2	402.6	362.2	319.8	276.4	233.3
35°	626.0	600.2	572.2	541.6	501.6	459.1	417.2	376.0	332.3	287.7	242.7
32.5°	640.7	614.2	585.1	554.3	517.6	473.8	430.7	388.1	343.9	298.4	251.3
30°	658.3	626.0	596.8	566.7	531.2	487.3	443.2	399.3	354.6	308.5	259.5
27.5°	675.2	637.4	607.2	577.1	541.9	499.6	454.8	409.8	364.4	317.7	267.6
25°	691.4	650.4	616.9	585.7	552.2	511.3	465.4	419.3	373.1	325.6	275.0
22.5°	710.1	662.2	626.0	593.3	562.0	521.9	475.0	428.0	380.8	332.8	281.8
20°	726.8	672.0	634.4	600.4	569.4	529.8	483.6	435.7	387.6	339.1	288.0
17.5°	743.0	683.1	642.6	607.2	574.9	536.8	491.1	442.4	393.7	344.6	293.4
15°	765.6	695.9	649.7	613.0	579.5	542.8	497.6	448.2	398.8	349.3	298.3
12.5°	784.9	706.6	655.5	617.8	583.3	547.7	502.9	453.0	403.1	353.5	302.7
10°	800.6	715.1	660.1	621.5	586.2	551.6	507.1	457.0	407.1	357.1	306.2
7.5°	812.6	721.5	663.4	624.1	588.2	554.4	511.0	460.7	410.3	359.9	309.0
5°	820.7	725.6	666.2	625.6	589.4	556.2	513.9	463.2	412.6	361.9	311.0
2.5°	824.9	727.5	668.2	626.0	589.6	556.7	515.6	464.8	413.9	363.1	312.2
0°	825.2	727.0	668.9	625.3	588.9	556.2	516.2	465.3	414.4	363.5	312.6
-2.5°	824.9	727.5	668.2	626.0	589.6	556.7	515.6	464.8	413.9	363.1	312.2
-5°	820.7	725.6	666.2	625.6	589.4	556.2	513.9	463.2	412.6	361.9	311.0
-7.5°	812.6	721.5	663.4	624.1	588.2	554.4	511.0	460.7	410.3	359.9	309.0
-10°	800.6	715.1	660.1	621.5	586.2	551.6	507.1	457.0	407.1	357.1	306.2
-12.5°	784.9	706.6	655.5	617.8	583.3	547.7	502.9	453.0	403.1	353.5	302.7
-15°	765.6	695.9	649.7	613.0	579.5	542.8	497.6	448.2	398.8	349.3	298.3
-17.5°	743.0	683.1	642.6	607.2	574.9	536.8	491.1	442.4	393.7	344.6	293.4
-20°	726.8	672.0	634.4	600.4	569.4	529.8	483.6	435.7	387.6	339.1	288.0

Classified

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

Scaled Data Report



REPORT NUMBER: P627167 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA3C-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°	710.1	662.2	626.0	593.3	562.0	521.9	475.0	428.0	380.8	332.8	281.8
-25°	691.4	650.4	616.9	585.7	552.2	511.3	465.4	419.3	373.1	325.6	275.0
-27.5°	675.2	637.4	607.2	577.1	541.9	499.6	454.8	409.8	364.4	317.7	267.6
-30°	658.3	626.0	596.8	566.7	531.2	487.3	443.2	399.3	354.6	308.5	259.5
-32.5°	640.7	614.2	585.1	554.3	517.6	473.8	430.7	388.1	343.9	298.4	251.3
-35°	626.0	600.2	572.2	541.6	501.6	459.1	417.2	376.0	332.3	287.7	242.7
-37.5°	609.5	584.5	558.1	525.9	484.3	443.2	402.6	362.2	319.8	276.4	233.3
-40°	592.4	568.1	542.4	505.8	465.6	426.1	387.0	347.5	306.4	264.6	223.3
-42.5°	574.9	550.0	521.0	484.3	445.8	407.8	370.3	332.1	292.5	252.3	212.7
-45°	554.3	529.4	498.4	462.1	424.7	388.5	352.8	316.2	277.9	239.5	201.5
-47.5°	532.3	506.5	474.4	438.9	402.7	368.4	334.8	299.3	262.8	226.0	189.8
-50°	509.8	481.7	448.6	414.8	380.3	348.3	316.0	281.7	247.0	212.0	177.4
-52.5°	483.1	453.2	421.9	389.8	358.1	327.7	296.0	263.6	230.7	197.4	164.6
-55°	452.5	423.9	394.4	364.2	334.9	305.5	275.4	244.8	213.8	182.2	151.4
-57.5°	419.9	393.7	365.4	337.4	309.5	281.9	254.2	225.5	196.1	166.5	139.4
-60°	385.2	360.2	334.8	308.3	282.4	257.5	232.5	205.4	177.6	150.6	127.2
-62.5°	347.4	325.0	301.5	277.5	254.7	232.5	209.9	184.1	158.6	136.1	114.6
-65°	308.3	287.9	266.9	246.8	226.7	206.6	185.4	162.2	141.0	121.1	101.6
-67.5°	268.6	251.3	233.4	215.7	198.2	179.8	160.4	141.8	123.6	105.8	88.6
-70°	230.8	215.5	200.3	185.3	169.5	153.2	137.7	121.8	105.8	90.6	75.3
-72.5°	193.8	181.3	168.2	154.9	142.0	128.8	115.2	101.6	88.6	75.3	61.7
-75°	157.8	147.7	137.3	126.5	115.5	104.2	93.5	82.4	71.1	59.7	49.8
-77.5°	123.9	115.5	106.9	98.9	90.7	81.9	72.6	62.9	54.5	46.6	38.3
-80°	92.1	86.4	80.4	74.2	67.1	59.6	53.0	46.6	40.4	33.8	26.7
-82.5°	62.8	58.8	54.7	50.4	45.5	40.7	36.0	31.4	26.3	20.8	17.1
-85°	35.8	33.2	30.5	27.6	24.7	21.8	20.1	18.4	16.0	13.6	11.5
-87.5°	14.7	14.0	13.3	12.5	11.7	10.9	10.1	9.2	8.0	6.8	5.7
-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: P627167 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA3C-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°	4.7	3.9	3.2	2.4	1.6	0.8	0.0
85°	9.4	7.9	6.3	4.7	3.2	1.6	0.0
82.5°	14.1	11.8	9.5	7.1	4.7	2.4	0.0
80°	19.4	15.7	12.6	9.5	6.3	3.2	0.0
77.5°	29.6	21.2	15.7	11.8	7.9	3.9	0.0
75°	39.7	29.6	19.4	14.1	9.4	4.7	0.0
72.5°	49.6	37.9	26.1	16.4	10.9	5.5	0.0
70°	59.7	46.1	32.7	19.1	12.4	6.2	0.0
67.5°	71.0	54.2	39.2	24.0	13.9	7.0	0.0
65°	82.1	62.8	45.5	28.8	15.4	7.7	0.0
62.5°	93.0	71.7	51.8	33.5	16.8	8.4	0.0
60°	103.5	80.4	57.9	38.1	18.2	9.1	0.0
57.5°	114.1	88.8	64.5	42.5	21.1	9.8	0.0
55°	124.5	97.0	71.0	46.9	23.9	10.4	0.0
52.5°	134.6	105.0	77.3	51.1	26.7	11.1	0.0
50°	144.5	113.3	83.3	55.2	29.3	11.7	0.0
47.5°	154.2	121.3	89.1	59.2	31.9	12.3	0.0
45°	164.3	129.0	94.6	63.4	34.3	12.9	0.0
42.5°	173.8	136.5	99.9	67.3	36.6	13.4	0.0
40°	182.9	143.6	105.2	71.0	38.8	13.9	0.0
37.5°	191.5	150.5	110.7	74.4	40.8	14.4	0.0
35°	199.5	157.1	115.8	77.5	42.7	14.9	0.0
32.5°	207.0	163.4	120.7	80.5	44.5	15.3	0.0
30°	213.9	169.2	125.2	83.3	46.1	15.8	0.0
27.5°	220.3	174.6	129.2	85.8	47.6	16.1	0.0
25°	226.1	179.5	132.9	88.2	49.0	16.5	0.0
22.5°	231.2	183.8	136.2	90.3	50.2	16.8	0.0
20°	235.8	187.5	139.2	92.1	51.2	17.1	0.0
17.5°	240.0	190.8	141.7	93.7	52.1	17.4	0.0
15°	243.7	193.5	143.9	95.1	52.9	17.6	0.0
12.5°	246.9	195.8	145.7	96.3	53.5	17.8	0.0
10°	249.6	197.6	147.2	97.1	54.0	17.9	0.0
7.5°	251.7	198.9	148.2	97.8	54.4	18.0	0.0
5°	253.2	199.7	148.9	98.2	54.5	18.1	0.0
2.5°	254.2	200.1	149.1	98.3	54.6	18.2	0.0
0°	254.5	199.9	149.0	98.2	54.5	18.2	0.0
-2.5°	254.2	200.1	149.1	98.3	54.6	18.2	0.0
-5°	253.2	199.7	148.9	98.2	54.5	18.1	0.0
-7.5°	251.7	198.9	148.2	97.8	54.4	18.0	0.0
-10°	249.6	197.6	147.2	97.1	54.0	17.9	0.0
-12.5°	246.9	195.8	145.7	96.3	53.5	17.8	0.0
-15°	243.7	193.5	143.9	95.1	52.9	17.6	0.0
-17.5°	240.0	190.8	141.7	93.7	52.1	17.4	0.0
-20°	235.8	187.5	139.2	92.1	51.2	17.1	0.0

Classified

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

Scaled Data Report



REPORT NUMBER: P627167 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA3C-740-U-MWR-XX

CANDELA DISTRIBUTION (continued):

	75°	77.5°	80°	82.5°	85°	87.5°	90°
-22.5°	231.2	183.8	136.2	90.3	50.2	16.8	0.0
-25°	226.1	179.5	132.9	88.2	49.0	16.5	0.0
-27.5°	220.3	174.6	129.2	85.8	47.6	16.1	0.0
-30°	213.9	169.2	125.2	83.3	46.1	15.8	0.0
-32.5°	207.0	163.4	120.7	80.5	44.5	15.3	0.0
-35°	199.5	157.1	115.8	77.5	42.7	14.9	0.0
-37.5°	191.5	150.5	110.7	74.4	40.8	14.4	0.0
-40°	182.9	143.6	105.2	71.0	38.8	13.9	0.0
-42.5°	173.8	136.5	99.9	67.3	36.6	13.4	0.0
-45°	164.3	129.0	94.6	63.4	34.3	12.9	0.0
-47.5°	154.2	121.3	89.1	59.2	31.9	12.3	0.0
-50°	144.5	113.3	83.3	55.2	29.3	11.7	0.0
-52.5°	134.6	105.0	77.3	51.1	26.7	11.1	0.0
-55°	124.5	97.0	71.0	46.9	23.9	10.4	0.0
-57.5°	114.1	88.8	64.5	42.5	21.1	9.8	0.0
-60°	103.5	80.4	57.9	38.1	18.2	9.1	0.0
-62.5°	93.0	71.7	51.8	33.5	16.8	8.4	0.0
-65°	82.1	62.8	45.5	28.8	15.4	7.7	0.0
-67.5°	71.0	54.2	39.2	24.0	13.9	7.0	0.0
-70°	59.7	46.1	32.7	19.1	12.4	6.2	0.0
-72.5°	49.6	37.9	26.1	16.4	10.9	5.5	0.0
-75°	39.7	29.6	19.4	14.1	9.4	4.7	0.0
-77.5°	29.6	21.2	15.7	11.8	7.9	3.9	0.0
-80°	19.4	15.7	12.6	9.5	6.3	3.2	0.0
-82.5°	14.1	11.8	9.5	7.1	4.7	2.4	0.0
-85°	9.4	7.9	6.3	4.7	3.2	1.6	0.0
-87.5°	4.7	3.9	3.2	2.4	1.6	0.8	0.0
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0

(END OF REPORT)