

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: P627119 (CONVERTED FROM TYPE C PHOTOMETRY)

Luminaire Tested: **GFLD-SA3B-750-U-NR-XX**

Issue Date: 12/7/2022

Test Information

Test Method: LM-79-08
Report Number: P627119 (CONVERTED FROM TYPE C PHOTOMETRY)
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G2-2210-813-11)
Test Lab: COOPER LIGHTING SOLUTIONS
Issue Date: 12/7/2022
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: MCGRAW-EDISON
Catalog Number: GFLD-SA3B-750-U-NR-XX
Description: GALLEON FLOOD, THREE LIGHT SQAURE, NARROW SYMMETRICAL ROUND N77
Light Source: (48) 5000K CCT, 70 CRI LEDS
Ballast/Driver: -

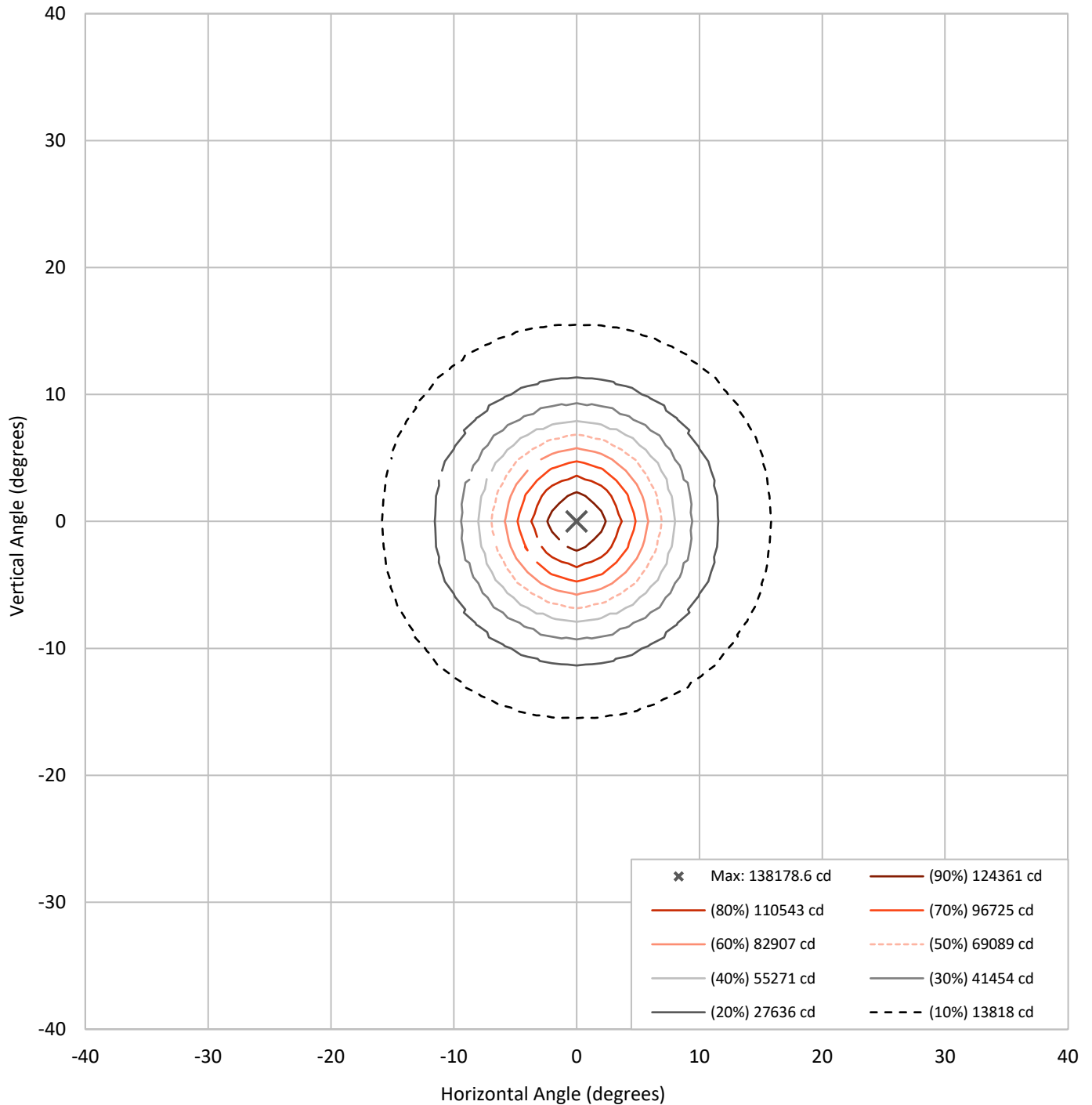
Summary

Lumens per Lamp:	N/A	NEMA Type:	3H x 3V
Luminaire Lumens:	14672.5 lumens	Max Intensity:	138178.6 candela
Efficiency:	N/A	Max Intensity Angle:	0°H x 0°V
Efficacy:	156.6 lumens/watt		
Luminous Opening:	Rectangular (W 1.5' x L: 0.5' x H: 0')		
Beam Angle (50%):	13.7°H x 13.6°V	Field Angle (10%):	31.6°H x 30.6°V
Beam Lumens:	4338 lumens	Field Lumens:	9762.3 lumens
Beam Efficiency:	29.6%	Field Efficiency:	66.5%
Input Watts (W):	93.7		
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: P627119 (CONVERTED FROM TYPE C PHOTOMETRY)
CATALOG NUMBER: GFLD-SA3B-750-U-NR-XX

Iso-Candela Plot





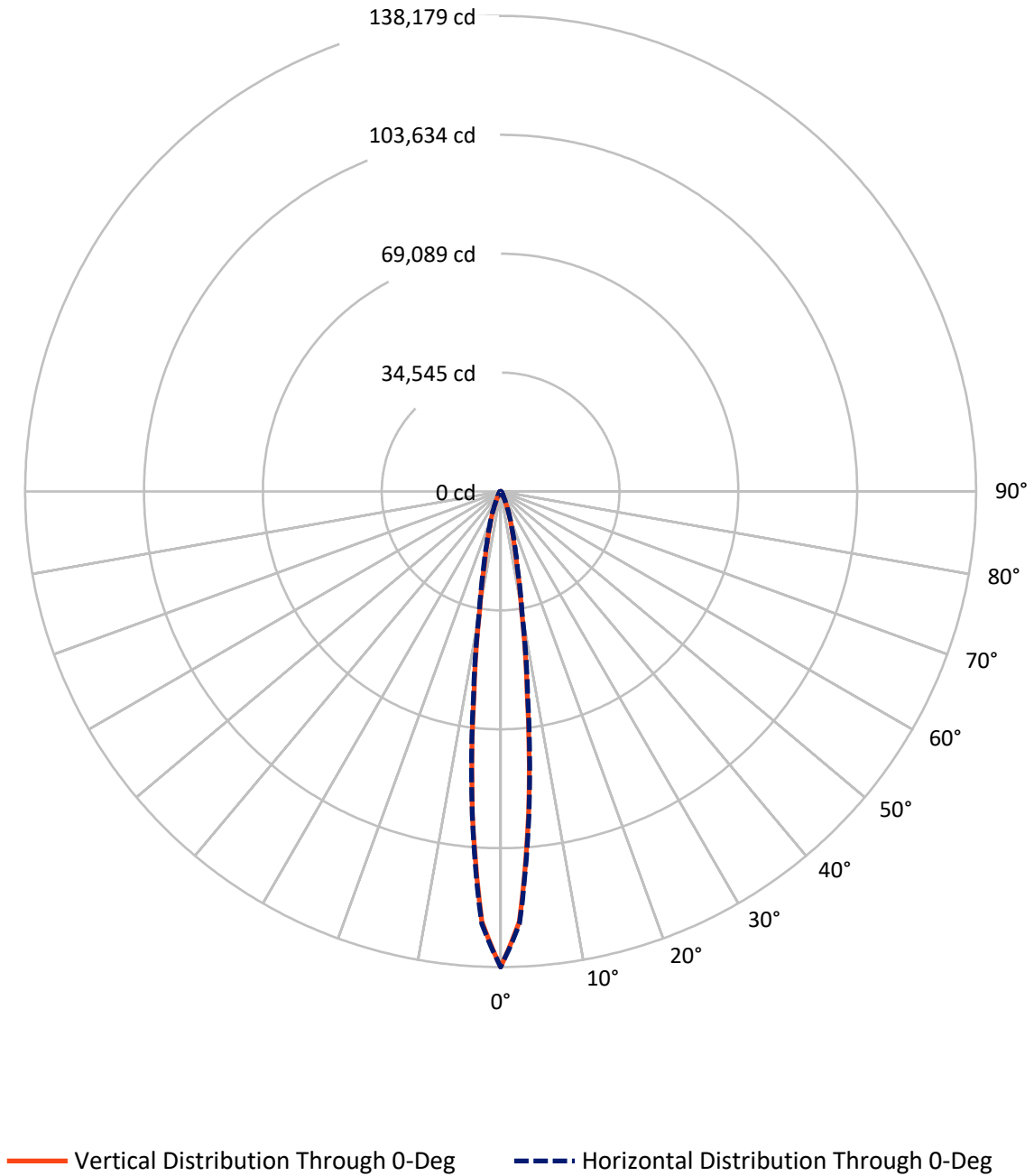
REPORT NUMBER: P627119 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA3B-750-U-NR-XX

Lumen Table

90	0.3	2.0		5.3		8.5		9.3		8.5		5.3		2.0		0.3			
80	0.3	2.0		5.3		8.5		9.3		8.5		5.3		2.0		0.3			
70	0.9	1.0	2.1	3.5	4.9	6.0	6.8	7.1	7.1	6.8	6.0	4.9	3.5	2.1	1.0	0.9			
60		1.6	3.2	5.2	6.9	8.5	9.5	9.9	9.9	9.5	8.5	6.9	5.2	3.2	1.6				
50	1.6	2.0	4.1	6.4	8.5	10.7	12.6	13.5	13.5	12.6	10.7	8.5	6.4	4.1	2.0	1.6			
40		2.5	4.9	7.4	10.4	15.0	21.1	26.2	26.2	21.1	15.0	10.4	7.4	4.9	2.5				
30	2.1	2.8	5.3	8.3	13.5	26.8	61.0	101.1	101.1	61.0	26.8	13.5	8.3	5.3	2.8	2.1			
20		3.0	5.6	9.1	17.9	56.9	202.1	435.4	435.4	202.1	56.9	17.9	9.1	5.6	3.0				
10	2.2	3.1	5.7	9.7	21.7	93.8	439.4	1898.2	1898.2	439.4	93.8	21.7	9.7	5.7	3.1	2.2			
0		3.1	5.7	9.7	21.7	93.8	439.4	1898.2	1898.2	439.4	93.8	21.7	9.7	5.7	3.1				
-10	2.1	3.0	5.6	9.1	17.9	56.9	202.1	435.4	435.4	202.1	56.9	17.9	9.1	5.6	3.0	2.1			
-20		2.8	5.3	8.3	13.5	26.8	61.0	101.1	101.1	61.0	26.8	13.5	8.3	5.3	2.8				
-30	1.6	2.5	4.9	7.4	10.4	15.0	21.1	26.2	26.2	21.1	15.0	10.4	7.4	4.9	2.5	1.6			
-40		2.0	4.1	6.4	8.5	10.7	12.6	13.5	13.5	12.6	10.7	8.5	6.4	4.1	2.0				
-50	0.9	1.6	3.2	5.2	6.9	8.5	9.5	9.9	9.9	9.5	8.5	6.9	5.2	3.2	1.6	0.9			
-60		1.0	2.1	3.5	4.9	6.0	6.8	7.1	7.1	6.8	6.0	4.9	3.5	2.1	1.0				
-70	0.3	2.0		5.3		8.5		9.3		8.5		5.3		2.0		0.3			
-80		2.0		5.3		8.5		9.3		8.5		5.3		2.0					
-90	0.3	2.0		5.3		8.5		9.3		8.5		5.3		2.0		0.3			
	-90	-80	-70	-60	-50	-40	-30	-20	-10	0	10	20	30	40	50	60	70	80	90

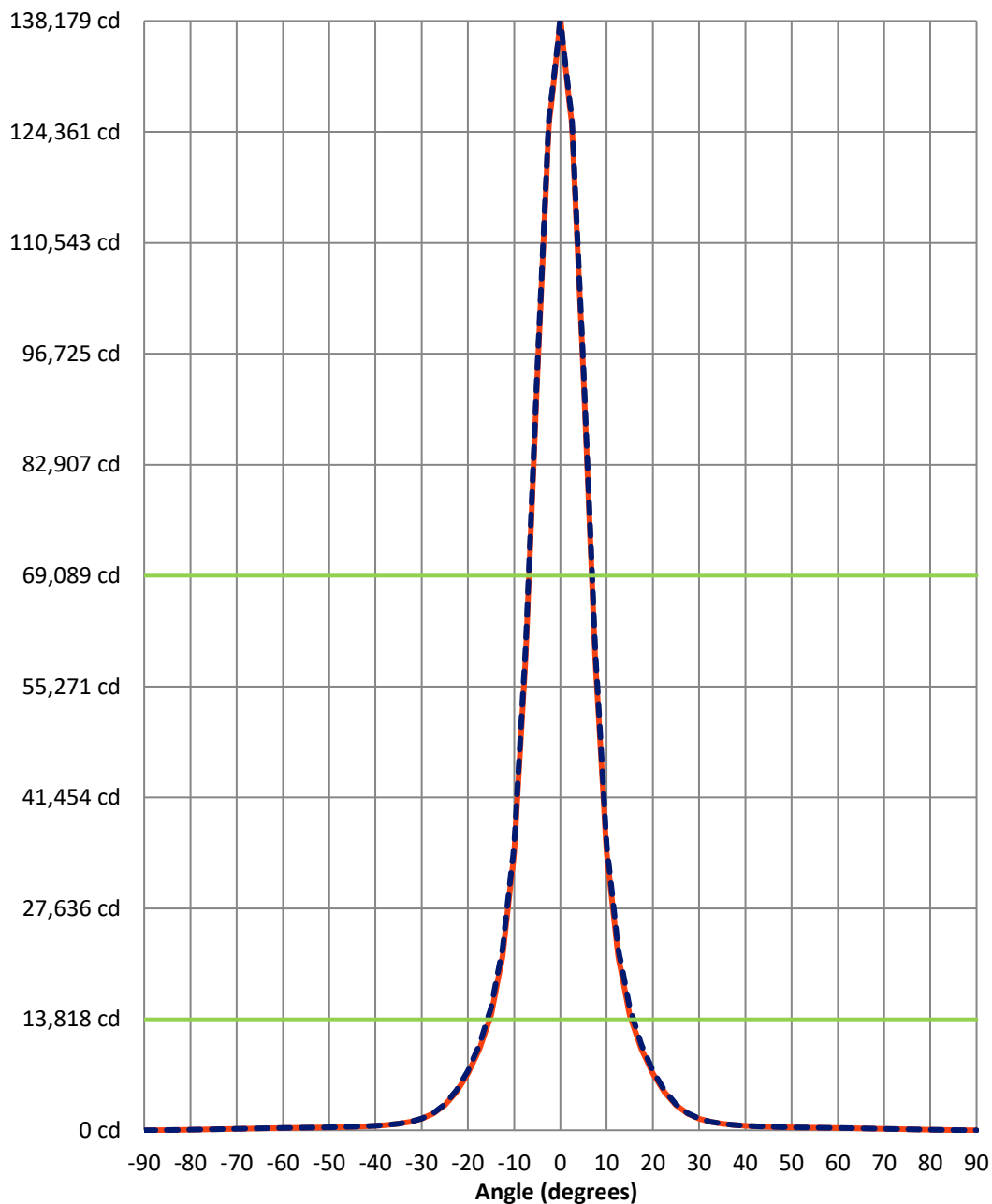
REPORT NUMBER: P627119 (CONVERTED FROM TYPE C PHOTOMETRY)
CATALOG NUMBER: GFLD-SA3B-750-U-NR-XX

Luminous Intensity Polar Plot



REPORT NUMBER: P627119 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA3B-750-U-NR-XX

Luminous Intensity Plot



Beam:
 H Angle: 13.7°
 V Angle: 13.6°
 Lumens: 4338
 Efficiency: 29.6%

Field:
 H Angle: 31.6°
 V Angle: 30.6°
 Lumens: 9762.3
 Efficiency: 66.5%

Spill:
 Lumens: 4910.2
 Efficiency: 33.5%

— Vertical Distribution through 0-Deg
 - - Horizontal Distribution through 0-Deg

Classified

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

Scaled Data Report



REPORT NUMBER: P627119 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA3B-750-U-NR-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	0.5	1.0	1.5	2.0	2.6	3.1	3.5	4.0	4.5	5.0
85°	0.0	0.9	2.1	3.1	4.1	5.1	6.1	7.1	8.1	9.0	10.0
82.5°	0.0	1.3	3.1	4.6	6.1	7.6	9.1	10.6	12.2	14.4	16.5
80°	0.0	1.8	4.1	6.1	8.2	10.2	12.3	15.3	18.2	21.1	24.0
77.5°	0.0	2.2	5.1	7.6	10.2	13.1	16.8	20.6	24.2	27.8	31.7
75°	0.0	2.7	6.1	9.1	12.3	16.6	21.3	25.8	30.3	35.3	40.2
72.5°	0.0	3.1	7.0	10.6	15.0	20.1	25.6	31.2	37.1	42.9	48.7
70°	0.0	3.5	7.9	12.2	17.6	23.5	30.0	37.1	43.8	50.5	58.0
67.5°	0.0	3.9	8.9	14.0	20.2	26.9	34.9	42.9	50.5	59.0	67.4
65°	0.0	4.3	9.7	15.9	22.8	30.6	39.8	48.7	58.0	67.4	77.3
62.5°	0.0	4.7	10.6	17.6	25.2	34.5	44.6	54.9	65.3	76.0	88.5
60°	0.0	5.1	11.4	19.4	27.6	38.4	49.2	61.2	72.5	85.6	99.3
57.5°	0.0	5.4	12.5	21.1	30.6	42.2	54.3	67.3	80.4	94.8	109.7
55°	0.0	5.8	13.5	22.7	33.5	45.9	59.4	73.2	88.3	103.8	119.8
52.5°	0.0	6.1	14.5	24.2	36.4	49.5	64.3	79.6	95.8	112.3	129.4
50°	0.0	6.4	15.5	25.7	39.1	53.5	69.0	85.8	103.0	120.5	138.7
47.5°	0.0	6.7	16.5	27.3	41.8	57.3	73.6	91.8	109.9	128.3	147.7
45°	0.0	7.0	17.4	29.2	44.3	60.9	78.6	97.6	116.4	136.3	156.6
42.5°	0.0	7.3	18.3	31.0	46.7	64.4	83.3	103.1	122.7	144.0	165.2
40°	0.0	7.5	19.2	32.7	49.2	67.7	87.8	108.3	128.9	151.5	173.6
37.5°	0.0	7.8	20.0	34.5	51.7	70.8	92.0	113.3	135.1	158.5	181.7
35°	0.0	8.0	20.8	36.1	54.0	74.0	96.1	118.0	140.9	165.0	189.5
32.5°	0.0	8.2	21.5	37.6	56.3	77.1	99.8	122.4	146.2	171.2	196.3
30°	0.0	8.3	22.2	39.0	58.3	80.0	103.3	126.5	151.1	176.9	202.5
27.5°	0.0	8.5	22.9	40.3	60.3	82.7	106.5	130.5	155.6	182.2	208.0
25°	0.0	8.6	23.5	41.5	62.1	85.2	109.5	134.0	159.8	186.8	212.9
22.5°	0.0	8.7	24.1	42.6	63.8	87.4	112.2	137.2	163.6	190.8	217.2
20°	0.0	8.8	24.6	43.6	65.3	89.3	114.5	139.9	167.0	194.3	221.0
17.5°	0.0	8.9	25.0	44.5	66.7	90.9	116.5	142.3	169.9	197.2	224.4
15°	0.0	9.0	25.4	45.3	67.8	92.2	118.1	144.4	172.4	199.5	227.4
12.5°	0.0	9.0	25.8	45.9	68.8	93.3	119.5	146.3	174.5	201.3	229.8
10°	0.0	9.0	26.1	46.4	69.6	94.1	120.5	148.0	176.1	203.3	232.2
7.5°	0.0	9.0	26.3	46.9	70.3	94.6	121.2	149.3	177.2	204.9	234.9
5°	0.0	9.0	26.5	47.2	70.7	94.9	121.6	150.2	177.8	206.2	237.1
2.5°	0.0	9.0	26.6	47.3	71.0	94.9	121.6	150.8	177.9	206.9	238.8
0°	0.0	8.9	26.6	47.4	71.1	94.7	121.4	151.0	177.6	207.2	239.8
-2.5°	0.0	9.0	26.6	47.3	71.0	94.9	121.6	150.8	177.9	206.9	238.8
-5°	0.0	9.0	26.5	47.2	70.7	94.9	121.6	150.2	177.8	206.2	237.1
-7.5°	0.0	9.0	26.3	46.9	70.3	94.6	121.2	149.3	177.2	204.9	234.9
-10°	0.0	9.0	26.1	46.4	69.6	94.1	120.5	148.0	176.1	203.3	232.2
-12.5°	0.0	9.0	25.8	45.9	68.8	93.3	119.5	146.3	174.5	201.3	229.8
-15°	0.0	9.0	25.4	45.3	67.8	92.2	118.1	144.4	172.4	199.5	227.4
-17.5°	0.0	8.9	25.0	44.5	66.7	90.9	116.5	142.3	169.9	197.2	224.4
-20°	0.0	8.8	24.6	43.6	65.3	89.3	114.5	139.9	167.0	194.3	221.0

Classified

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

Scaled Data Report



REPORT NUMBER: P627119 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA3B-750-U-NR-XX

CANDELA DISTRIBUTION (continued):

	-90°	-87.5°	-85°	-82.5°	-80°	-77.5°	-75°	-72.5°	-70°	-67.5°	-65°
-22.5°	0.0	8.7	24.1	42.6	63.8	87.4	112.2	137.2	163.6	190.8	217.2
-25°	0.0	8.6	23.5	41.5	62.1	85.2	109.5	134.0	159.8	186.8	212.9
-27.5°	0.0	8.5	22.9	40.3	60.3	82.7	106.5	130.5	155.6	182.2	208.0
-30°	0.0	8.3	22.2	39.0	58.3	80.0	103.3	126.5	151.1	176.9	202.5
-32.5°	0.0	8.2	21.5	37.6	56.3	77.1	99.8	122.4	146.2	171.2	196.3
-35°	0.0	8.0	20.8	36.1	54.0	74.0	96.1	118.0	140.9	165.0	189.5
-37.5°	0.0	7.8	20.0	34.5	51.7	70.8	92.0	113.3	135.1	158.5	181.7
-40°	0.0	7.5	19.2	32.7	49.2	67.7	87.8	108.3	128.9	151.5	173.6
-42.5°	0.0	7.3	18.3	31.0	46.7	64.4	83.3	103.1	122.7	144.0	165.2
-45°	0.0	7.0	17.4	29.2	44.3	60.9	78.6	97.6	116.4	136.3	156.6
-47.5°	0.0	6.7	16.5	27.3	41.8	57.3	73.6	91.8	109.9	128.3	147.7
-50°	0.0	6.4	15.5	25.7	39.1	53.5	69.0	85.8	103.0	120.5	138.7
-52.5°	0.0	6.1	14.5	24.2	36.4	49.5	64.3	79.6	95.8	112.3	129.4
-55°	0.0	5.8	13.5	22.7	33.5	45.9	59.4	73.2	88.3	103.8	119.8
-57.5°	0.0	5.4	12.5	21.1	30.6	42.2	54.3	67.3	80.4	94.8	109.7
-60°	0.0	5.1	11.4	19.4	27.6	38.4	49.2	61.2	72.5	85.6	99.3
-62.5°	0.0	4.7	10.6	17.6	25.2	34.5	44.6	54.9	65.3	76.0	88.5
-65°	0.0	4.3	9.7	15.9	22.8	30.6	39.8	48.7	58.0	67.4	77.3
-67.5°	0.0	3.9	8.9	14.0	20.2	26.9	34.9	42.9	50.5	59.0	67.4
-70°	0.0	3.5	7.9	12.2	17.6	23.5	30.0	37.1	43.8	50.5	58.0
-72.5°	0.0	3.1	7.0	10.6	15.0	20.1	25.6	31.2	37.1	42.9	48.7
-75°	0.0	2.7	6.1	9.1	12.3	16.6	21.3	25.8	30.3	35.3	40.2
-77.5°	0.0	2.2	5.1	7.6	10.2	13.1	16.8	20.6	24.2	27.8	31.7
-80°	0.0	1.8	4.1	6.1	8.2	10.2	12.3	15.3	18.2	21.1	24.0
-82.5°	0.0	1.3	3.1	4.6	6.1	7.6	9.1	10.6	12.2	14.4	16.5
-85°	0.0	0.9	2.1	3.1	4.1	5.1	6.1	7.1	8.1	9.0	10.0
-87.5°	0.0	0.5	1.0	1.5	2.0	2.6	3.1	3.5	4.0	4.5	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



REPORT NUMBER: P627119 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA3B-750-U-NR-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°	5.4	5.9	6.3	6.8	7.2	7.6	8.0	8.3	8.7	9.0	9.4
85°	10.9	11.8	13.1	14.4	15.5	16.4	17.3	17.9	19.2	20.4	21.8
82.5°	18.6	20.6	22.6	24.6	25.9	26.9	28.0	29.5	32.1	34.6	36.9
80°	26.7	29.5	32.5	35.5	38.1	40.7	43.3	46.1	49.0	51.7	54.3
77.5°	35.7	39.6	43.5	47.2	51.0	55.0	58.9	62.7	66.2	69.7	72.9
75°	45.0	49.8	55.0	60.1	65.1	70.0	74.8	79.8	84.7	89.3	93.7
72.5°	54.9	61.2	67.3	73.4	79.9	86.2	92.4	98.3	104.1	110.1	116.5
70°	65.3	72.5	80.6	88.3	95.5	103.1	110.7	117.2	123.5	131.7	140.3
67.5°	76.1	85.8	94.9	103.6	113.3	122.2	129.9	138.2	147.1	156.7	165.1
65°	88.8	99.4	109.9	120.9	132.0	141.3	151.0	161.3	171.3	180.9	190.1
62.5°	101.3	113.2	125.4	137.3	148.8	159.9	171.6	183.1	194.1	205.3	215.1
60°	113.4	126.9	139.7	152.2	165.2	179.1	192.0	204.7	217.9	230.5	237.1
57.5°	125.0	139.5	152.9	166.9	182.2	197.8	211.4	225.8	237.1	245.9	254.4
55°	136.0	151.1	165.7	181.5	198.0	214.3	229.5	242.3	252.7	260.7	269.8
52.5°	146.2	162.1	178.1	195.3	212.9	230.2	246.1	258.1	267.5	275.7	284.2
50°	156.3	173.0	189.8	208.7	227.6	246.0	261.6	272.6	281.5	289.9	298.6
47.5°	166.2	183.7	201.8	222.0	242.4	260.2	275.0	285.0	294.0	303.9	313.4
45°	175.9	194.8	214.1	235.7	256.2	273.4	285.9	296.0	307.1	317.7	327.9
42.5°	185.4	205.8	226.7	249.1	268.9	284.4	296.1	308.0	319.9	331.3	342.8
40°	195.0	216.4	238.5	260.8	280.7	294.1	306.5	319.3	332.4	344.8	357.5
37.5°	204.1	226.3	249.1	271.6	289.7	303.3	316.1	330.2	344.1	357.6	374.3
35°	212.8	235.3	258.3	280.1	297.5	311.6	325.9	340.8	355.3	372.8	391.8
32.5°	220.6	243.5	266.7	287.0	304.1	319.2	335.3	350.8	368.3	388.1	410.9
30°	227.2	250.5	273.9	293.7	310.4	326.4	343.9	361.0	381.5	405.2	432.3
27.5°	233.0	256.9	279.6	299.4	316.4	332.3	350.7	372.4	395.8	422.4	454.3
25°	238.4	263.3	285.0	304.7	321.2	337.9	357.5	381.5	409.7	441.8	480.8
22.5°	243.5	269.5	290.5	309.7	325.0	342.9	365.1	391.2	421.8	459.5	506.9
20°	248.3	274.1	294.9	313.6	327.8	347.4	371.8	399.6	434.5	479.3	534.2
17.5°	252.8	278.1	298.3	315.9	331.5	352.1	377.7	406.5	445.5	497.4	559.3
15°	256.9	281.4	301.1	317.8	334.8	357.1	383.9	415.1	457.6	514.5	581.6
12.5°	260.5	284.1	303.2	319.2	337.4	361.2	389.3	423.9	470.7	531.5	609.8
10°	263.5	286.1	304.7	320.2	339.4	364.3	393.9	431.2	481.1	544.6	631.5
7.5°	266.1	287.8	305.7	320.8	340.7	366.5	397.4	436.7	488.4	553.9	647.1
5°	268.0	289.1	306.9	322.6	342.7	368.2	400.0	440.5	492.7	559.5	656.8
2.5°	269.1	289.8	307.7	324.4	344.9	369.6	402.0	444.6	496.2	564.9	664.3
0°	269.4	290.1	307.9	325.7	346.4	370.1	402.6	447.0	497.4	568.4	669.1
-2.5°	269.1	289.8	307.7	324.4	344.9	369.6	402.0	444.6	496.2	564.9	664.3
-5°	268.0	289.1	306.9	322.6	342.7	368.2	400.0	440.5	492.7	559.5	656.8
-7.5°	266.1	287.8	305.7	320.8	340.7	366.5	397.4	436.7	488.4	553.9	647.1
-10°	263.5	286.1	304.7	320.2	339.4	364.3	393.9	431.2	481.1	544.6	631.5
-12.5°	260.5	284.1	303.2	319.2	337.4	361.2	389.3	423.9	470.7	531.5	609.8
-15°	256.9	281.4	301.1	317.8	334.8	357.1	383.9	415.1	457.6	514.5	581.6
-17.5°	252.8	278.1	298.3	315.9	331.5	352.1	377.7	406.5	445.5	497.4	559.3
-20°	248.3	274.1	294.9	313.6	327.8	347.4	371.8	399.6	434.5	479.3	534.2

Classified

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

Scaled Data Report



REPORT NUMBER: P627119 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA3B-750-U-NR-XX

CANDELA DISTRIBUTION (continued):

	-62.5°	-60°	-57.5°	-55°	-52.5°	-50°	-47.5°	-45°	-42.5°	-40°	-37.5°
-22.5°	243.5	269.5	290.5	309.7	325.0	342.9	365.1	391.2	421.8	459.5	506.9
-25°	238.4	263.3	285.0	304.7	321.2	337.9	357.5	381.5	409.7	441.8	480.8
-27.5°	233.0	256.9	279.6	299.4	316.4	332.3	350.7	372.4	395.8	422.4	454.3
-30°	227.2	250.5	273.9	293.7	310.4	326.4	343.9	361.0	381.5	405.2	432.3
-32.5°	220.6	243.5	266.7	287.0	304.1	319.2	335.3	350.8	368.3	388.1	410.9
-35°	212.8	235.3	258.3	280.1	297.5	311.6	325.9	340.8	355.3	372.8	391.8
-37.5°	204.1	226.3	249.1	271.6	289.7	303.3	316.1	330.2	344.1	357.6	374.3
-40°	195.0	216.4	238.5	260.8	280.7	294.1	306.5	319.3	332.4	344.8	357.5
-42.5°	185.4	205.8	226.7	249.1	268.9	284.4	296.1	308.0	319.9	331.3	342.8
-45°	175.9	194.8	214.1	235.7	256.2	273.4	285.9	296.0	307.1	317.7	327.9
-47.5°	166.2	183.7	201.8	222.0	242.4	260.2	275.0	285.0	294.0	303.9	313.4
-50°	156.3	173.0	189.8	208.7	227.6	246.0	261.6	272.6	281.5	289.9	298.6
-52.5°	146.2	162.1	178.1	195.3	212.9	230.2	246.1	258.1	267.5	275.7	284.2
-55°	136.0	151.1	165.7	181.5	198.0	214.3	229.5	242.3	252.7	260.7	269.8
-57.5°	125.0	139.5	152.9	166.9	182.2	197.8	211.4	225.8	237.1	245.9	254.4
-60°	113.4	126.9	139.7	152.2	165.2	179.1	192.0	204.7	217.9	230.5	237.1
-62.5°	101.3	113.2	125.4	137.3	148.8	159.9	171.6	183.1	194.1	205.3	215.1
-65°	88.8	99.4	109.9	120.9	132.0	141.3	151.0	161.3	171.3	180.9	190.1
-67.5°	76.1	85.8	94.9	103.6	113.3	122.2	129.9	138.2	147.1	156.7	165.1
-70°	65.3	72.5	80.6	88.3	95.5	103.1	110.7	117.2	123.5	131.7	140.3
-72.5°	54.9	61.2	67.3	73.4	79.9	86.2	92.4	98.3	104.1	110.1	116.5
-75°	45.0	49.8	55.0	60.1	65.1	70.0	74.8	79.8	84.7	89.3	93.7
-77.5°	35.7	39.6	43.5	47.2	51.0	55.0	58.9	62.7	66.2	69.7	72.9
-80°	26.7	29.5	32.5	35.5	38.1	40.7	43.3	46.1	49.0	51.7	54.3
-82.5°	18.6	20.6	22.6	24.6	25.9	26.9	28.0	29.5	32.1	34.6	36.9
-85°	10.9	11.8	13.1	14.4	15.5	16.4	17.3	17.9	19.2	20.4	21.8
-87.5°	5.4	5.9	6.3	6.8	7.2	7.6	8.0	8.3	8.7	9.0	9.4
-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: P627119 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA3B-750-U-NR-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°	9.7	10.0	10.2	10.5	10.7	10.9	11.1	11.3	11.4	10.8	10.2
85°	23.1	24.0	24.8	25.6	26.3	26.9	27.4	27.9	28.4	28.0	27.6
82.5°	39.0	40.5	41.9	43.2	44.5	45.5	46.5	47.4	48.2	48.1	47.9
80°	56.7	59.3	61.8	64.4	66.8	68.3	69.4	70.2	70.8	71.1	71.1
77.5°	76.3	80.2	84.3	88.4	92.3	94.6	96.2	97.5	98.6	98.8	98.6
75°	97.9	103.0	108.6	113.5	117.7	120.3	122.1	123.6	124.9	125.2	125.0
72.5°	123.0	129.3	134.3	138.4	142.0	144.8	147.1	149.0	150.6	151.2	151.3
70°	147.7	153.9	158.7	162.9	166.4	169.3	172.0	174.4	176.3	177.7	178.7
67.5°	172.8	179.9	184.8	188.6	191.6	194.6	198.2	201.4	204.0	205.8	206.6
65°	198.6	205.9	210.6	214.7	218.3	222.2	226.2	229.2	231.1	232.3	233.1
62.5°	223.5	230.3	236.2	241.7	247.0	251.4	254.1	256.6	258.7	260.5	261.8
60°	244.8	253.5	260.2	265.4	270.6	275.6	279.0	281.6	283.8	285.3	286.3
57.5°	263.1	272.0	279.8	284.9	290.5	296.5	300.4	302.7	304.7	306.5	307.3
55°	279.1	287.3	294.5	301.5	307.8	313.1	317.3	320.3	322.9	324.9	325.6
52.5°	293.5	302.4	310.8	318.3	324.4	329.5	333.6	337.4	340.3	342.3	343.1
50°	308.5	318.1	327.2	335.3	341.6	347.4	352.6	357.0	361.3	364.6	367.0
47.5°	323.4	333.6	343.6	352.5	360.1	368.5	376.0	382.3	388.5	393.5	397.0
45°	338.3	350.1	361.0	372.6	382.9	393.8	404.0	412.7	421.7	428.4	433.0
42.5°	355.0	368.3	381.5	395.8	409.9	424.1	439.5	453.2	463.8	473.8	481.8
40°	372.8	388.1	405.2	422.8	443.5	462.3	483.0	500.8	516.8	533.8	547.2
37.5°	391.8	410.9	433.4	456.9	483.7	509.5	536.5	563.0	586.1	613.4	634.3
35°	412.8	438.3	465.9	497.9	531.2	568.1	605.0	647.6	684.4	724.8	759.9
32.5°	437.6	468.1	504.4	546.5	589.4	645.2	697.4	765.4	824.1	888.2	952.7
30°	463.2	503.0	549.9	602.9	671.0	747.9	833.5	934.5	1038.7	1139.4	1261.0
27.5°	494.9	542.9	599.7	677.2	777.4	881.2	1028.6	1180.2	1371.6	1529.9	1753.1
25°	527.8	584.3	665.0	770.4	901.2	1081.5	1305.0	1547.3	1884.1	2180.0	2526.9
22.5°	563.7	639.9	740.4	870.4	1068.8	1345.5	1684.0	2140.1	2636.8	3164.2	3688.7
20°	601.0	693.3	824.9	1013.3	1285.5	1660.3	2241.4	2945.6	3655.2	4525.3	5295.8
17.5°	644.3	761.7	923.9	1159.5	1522.8	2096.9	2903.0	3886.1	4987.0	6238.0	7348.8
15°	680.3	820.3	1025.0	1354.7	1854.3	2591.6	3608.2	4960.6	6614.9	8295.1	9999.8
12.5°	722.1	884.0	1124.5	1517.6	2145.1	3124.9	4508.7	6220.4	8286.5	10617.0	13364.5
10°	759.2	946.7	1245.6	1732.2	2499.0	3681.2	5360.6	7419.9	10086.1	13439.3	17693.9
7.5°	786.7	996.5	1339.0	1895.4	2805.0	4216.0	6165.4	8733.3	12121.2	16549.1	22388.2
5°	804.6	1032.5	1405.1	2021.4	3044.5	4614.0	6755.2	9664.9	13752.2	20014.7	29902.5
2.5°	815.3	1053.9	1442.9	2095.3	3190.2	4877.7	7204.1	10369.4	14809.2	22156.4	34735.5
0°	820.1	1059.9	1465.4	2134.5	3238.8	4979.6	7410.1	10690.4	15282.1	22656.7	35585.3
-2.5°	815.3	1053.9	1442.9	2095.3	3190.2	4877.7	7204.1	10369.4	14809.2	22156.4	34735.5
-5°	804.6	1032.5	1405.1	2021.4	3044.5	4614.0	6755.2	9664.9	13752.2	20014.7	29902.5
-7.5°	786.7	996.5	1339.0	1895.4	2805.0	4216.0	6165.4	8733.3	12121.2	16549.1	22388.2
-10°	759.2	946.7	1245.6	1732.2	2499.0	3681.2	5360.6	7419.9	10086.1	13439.3	17693.9
-12.5°	722.1	884.0	1124.5	1517.6	2145.1	3124.9	4508.7	6220.4	8286.5	10617.0	13364.5
-15°	680.3	820.3	1025.0	1354.7	1854.3	2591.6	3608.2	4960.6	6614.9	8295.1	9999.8
-17.5°	644.3	761.7	923.9	1159.5	1522.8	2096.9	2903.0	3886.1	4987.0	6238.0	7348.8
-20°	601.0	693.3	824.9	1013.3	1285.5	1660.3	2241.4	2945.6	3655.2	4525.3	5295.8

Classified

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

Scaled Data Report



REPORT NUMBER: P627119 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA3B-750-U-NR-XX

CANDELA DISTRIBUTION (continued):

	-35°	-32.5°	-30°	-27.5°	-25°	-22.5°	-20°	-17.5°	-15°	-12.5°	-10°
-22.5°	563.7	639.9	740.4	870.4	1068.8	1345.5	1684.0	2140.1	2636.8	3164.2	3688.7
-25°	527.8	584.3	665.0	770.4	901.2	1081.5	1305.0	1547.3	1884.1	2180.0	2526.9
-27.5°	494.9	542.9	599.7	677.2	777.4	881.2	1028.6	1180.2	1371.6	1529.9	1753.1
-30°	463.2	503.0	549.9	602.9	671.0	747.9	833.5	934.5	1038.7	1139.4	1261.0
-32.5°	437.6	468.1	504.4	546.5	589.4	645.2	697.4	765.4	824.1	888.2	952.7
-35°	412.8	438.3	465.9	497.9	531.2	568.1	605.0	647.6	684.4	724.8	759.9
-37.5°	391.8	410.9	433.4	456.9	483.7	509.5	536.5	563.0	586.1	613.4	634.3
-40°	372.8	388.1	405.2	422.8	443.5	462.3	483.0	500.8	516.8	533.8	547.2
-42.5°	355.0	368.3	381.5	395.8	409.9	424.1	439.5	453.2	463.8	473.8	481.8
-45°	338.3	350.1	361.0	372.6	382.9	393.8	404.0	412.7	421.7	428.4	433.0
-47.5°	323.4	333.6	343.6	352.5	360.1	368.5	376.0	382.3	388.5	393.5	397.0
-50°	308.5	318.1	327.2	335.3	341.6	347.4	352.6	357.0	361.3	364.6	367.0
-52.5°	293.5	302.4	310.8	318.3	324.4	329.5	333.6	337.4	340.3	342.3	343.1
-55°	279.1	287.3	294.5	301.5	307.8	313.1	317.3	320.3	322.9	324.9	325.6
-57.5°	263.1	272.0	279.8	284.9	290.5	296.5	300.4	302.7	304.7	306.5	307.3
-60°	244.8	253.5	260.2	265.4	270.6	275.6	279.0	281.6	283.8	285.3	286.3
-62.5°	223.5	230.3	236.2	241.7	247.0	251.4	254.1	256.6	258.7	260.5	261.8
-65°	198.6	205.9	210.6	214.7	218.3	222.2	226.2	229.2	231.1	232.3	233.1
-67.5°	172.8	179.9	184.8	188.6	191.6	194.6	198.2	201.4	204.0	205.8	206.6
-70°	147.7	153.9	158.7	162.9	166.4	169.3	172.0	174.4	176.3	177.7	178.7
-72.5°	123.0	129.3	134.3	138.4	142.0	144.8	147.1	149.0	150.6	151.2	151.3
-75°	97.9	103.0	108.6	113.5	117.7	120.3	122.1	123.6	124.9	125.2	125.0
-77.5°	76.3	80.2	84.3	88.4	92.3	94.6	96.2	97.5	98.6	98.8	98.6
-80°	56.7	59.3	61.8	64.4	66.8	68.3	69.4	70.2	70.8	71.1	71.1
-82.5°	39.0	40.5	41.9	43.2	44.5	45.5	46.5	47.4	48.2	48.1	47.9
-85°	23.1	24.0	24.8	25.6	26.3	26.9	27.4	27.9	28.4	28.0	27.6
-87.5°	9.7	10.0	10.2	10.5	10.7	10.9	11.1	11.3	11.4	10.8	10.2
-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: P627119 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA3B-750-U-NR-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°	9.5	8.9	8.9	8.9	8.9	8.9	9.5	10.2	10.8	11.4	11.3
85°	27.1	26.5	26.6	26.6	26.6	26.5	27.1	27.6	28.0	28.4	27.9
82.5°	47.6	47.2	47.3	47.4	47.3	47.2	47.6	47.9	48.1	48.2	47.4
80°	71.0	70.8	69.5	68.1	69.5	70.8	71.0	71.1	71.1	70.8	70.2
77.5°	98.1	97.3	96.1	94.7	96.1	97.3	98.1	98.6	98.8	98.6	97.5
75°	124.6	123.8	124.1	124.3	124.1	123.8	124.6	125.0	125.2	124.9	123.6
72.5°	151.0	150.4	150.8	151.0	150.8	150.4	151.0	151.3	151.2	150.6	149.0
70°	179.4	179.8	179.0	177.6	179.0	179.8	179.4	178.7	177.7	176.3	174.4
67.5°	206.8	206.5	205.6	204.3	205.6	206.5	206.8	206.6	205.8	204.0	201.4
65°	233.4	233.1	233.6	233.9	233.6	233.1	233.4	233.1	232.3	231.1	229.2
62.5°	262.5	262.5	261.9	260.5	261.9	262.5	262.5	261.8	260.5	258.7	256.6
60°	286.7	286.5	285.6	284.2	285.6	286.5	286.7	286.3	285.3	283.8	281.6
57.5°	307.6	307.3	306.4	304.9	306.4	307.3	307.6	307.3	306.5	304.7	302.7
55°	325.7	325.3	324.3	322.7	324.3	325.3	325.7	325.6	324.9	322.9	320.3
52.5°	343.4	343.0	343.1	343.4	343.1	343.0	343.4	343.1	342.3	340.3	337.4
50°	368.5	369.0	368.6	367.1	368.6	369.0	368.5	367.0	364.6	361.3	357.0
47.5°	398.6	398.9	398.1	396.7	398.1	398.9	398.6	397.0	393.5	388.5	382.3
45°	436.6	438.8	439.3	438.2	439.3	438.8	436.6	433.0	428.4	421.7	412.7
42.5°	488.0	491.4	492.4	491.4	492.4	491.4	488.0	481.8	473.8	463.8	453.2
40°	555.5	559.3	560.1	559.5	560.1	559.3	555.5	547.2	533.8	516.8	500.8
37.5°	648.9	658.2	662.6	663.2	662.6	658.2	648.9	634.3	613.4	586.1	563.0
35°	786.7	805.3	815.3	820.1	815.3	805.3	786.7	759.9	724.8	684.4	647.6
32.5°	1001.6	1038.8	1059.4	1056.9	1059.4	1038.8	1001.6	952.7	888.2	824.1	765.4
30°	1352.6	1417.6	1450.4	1441.8	1450.4	1417.6	1352.6	1261.0	1139.4	1038.7	934.5
27.5°	1913.4	2031.1	2099.1	2090.1	2099.1	2031.1	1913.4	1753.1	1529.9	1371.6	1180.2
25°	2817.0	3031.8	3169.2	3135.2	3169.2	3031.8	2817.0	2526.9	2180.0	1884.1	1547.3
22.5°	4191.6	4555.4	4796.1	4766.4	4796.1	4555.4	4191.6	3688.7	3164.2	2636.8	2140.1
20°	6077.1	6630.8	7026.2	7078.6	7026.2	6630.8	6077.1	5295.8	4525.3	3655.2	2945.6
17.5°	8548.7	9426.6	10037.8	10139.7	10037.8	9426.6	8548.7	7348.8	6238.0	4987.0	3886.1
15°	11760.9	13195.8	14234.2	14320.0	14234.2	13195.8	11760.9	9999.8	8295.1	6614.9	4960.6
12.5°	16122.5	19008.5	20892.0	21721.2	20892.0	19008.5	16122.5	13364.5	10617.0	8286.5	6220.4
10°	22158.8	28787.7	33033.1	34629.0	33033.1	28787.7	22158.8	17693.9	13439.3	10086.1	7419.9
7.5°	32241.2	42648.9	54219.4	59150.9	54219.4	42648.9	32241.2	22388.2	16549.1	12121.2	8733.3
5°	43658.7	65258.7	85804.3	93827.3	85804.3	65258.7	43658.7	29902.5	20014.7	13752.2	9664.9
2.5°	55672.9	85780.2	113993.1	125026.6	113993.1	85780.2	55672.9	34735.5	22156.4	14809.2	10369.4
0°	60364.7	94765.7	125806.6	138178.6	125806.6	94765.7	60364.7	35585.3	22656.7	15282.1	10690.4
-2.5°	55672.9	85780.2	113993.1	125026.6	113993.1	85780.2	55672.9	34735.5	22156.4	14809.2	10369.4
-5°	43658.7	65258.7	85804.3	93827.3	85804.3	65258.7	43658.7	29902.5	20014.7	13752.2	9664.9
-7.5°	32241.2	42648.9	54219.4	59150.9	54219.4	42648.9	32241.2	22388.2	16549.1	12121.2	8733.3
-10°	22158.8	28787.7	33033.1	34629.0	33033.1	28787.7	22158.8	17693.9	13439.3	10086.1	7419.9
-12.5°	16122.5	19008.5	20892.0	21721.2	20892.0	19008.5	16122.5	13364.5	10617.0	8286.5	6220.4
-15°	11760.9	13195.8	14234.2	14320.0	14234.2	13195.8	11760.9	9999.8	8295.1	6614.9	4960.6
-17.5°	8548.7	9426.6	10037.8	10139.7	10037.8	9426.6	8548.7	7348.8	6238.0	4987.0	3886.1
-20°	6077.1	6630.8	7026.2	7078.6	7026.2	6630.8	6077.1	5295.8	4525.3	3655.2	2945.6



REPORT NUMBER: P627119 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA3B-750-U-NR-XX

CANDELA DISTRIBUTION (continued):

	-7.5°	-5°	-2.5°	0°	2.5°	5°	7.5°	10°	12.5°	15°	17.5°
-22.5°	4191.6	4555.4	4796.1	4766.4	4796.1	4555.4	4191.6	3688.7	3164.2	2636.8	2140.1
-25°	2817.0	3031.8	3169.2	3135.2	3169.2	3031.8	2817.0	2526.9	2180.0	1884.1	1547.3
-27.5°	1913.4	2031.1	2099.1	2090.1	2099.1	2031.1	1913.4	1753.1	1529.9	1371.6	1180.2
-30°	1352.6	1417.6	1450.4	1441.8	1450.4	1417.6	1352.6	1261.0	1139.4	1038.7	934.5
-32.5°	1001.6	1038.8	1059.4	1056.9	1059.4	1038.8	1001.6	952.7	888.2	824.1	765.4
-35°	786.7	805.3	815.3	820.1	815.3	805.3	786.7	759.9	724.8	684.4	647.6
-37.5°	648.9	658.2	662.6	663.2	662.6	658.2	648.9	634.3	613.4	586.1	563.0
-40°	555.5	559.3	560.1	559.5	560.1	559.3	555.5	547.2	533.8	516.8	500.8
-42.5°	488.0	491.4	492.4	491.4	492.4	491.4	488.0	481.8	473.8	463.8	453.2
-45°	436.6	438.8	439.3	438.2	439.3	438.8	436.6	433.0	428.4	421.7	412.7
-47.5°	398.6	398.9	398.1	396.7	398.1	398.9	398.6	397.0	393.5	388.5	382.3
-50°	368.5	369.0	368.6	367.1	368.6	369.0	368.5	367.0	364.6	361.3	357.0
-52.5°	343.4	343.0	343.1	343.4	343.1	343.0	343.4	343.1	342.3	340.3	337.4
-55°	325.7	325.3	324.3	322.7	324.3	325.3	325.7	325.6	324.9	322.9	320.3
-57.5°	307.6	307.3	306.4	304.9	306.4	307.3	307.6	307.3	306.5	304.7	302.7
-60°	286.7	286.5	285.6	284.2	285.6	286.5	286.7	286.3	285.3	283.8	281.6
-62.5°	262.5	262.5	261.9	260.5	261.9	262.5	262.5	261.8	260.5	258.7	256.6
-65°	233.4	233.1	233.6	233.9	233.6	233.1	233.4	233.1	232.3	231.1	229.2
-67.5°	206.8	206.5	205.6	204.3	205.6	206.5	206.8	206.6	205.8	204.0	201.4
-70°	179.4	179.8	179.0	177.6	179.0	179.8	179.4	178.7	177.7	176.3	174.4
-72.5°	151.0	150.4	150.8	151.0	150.8	150.4	151.0	151.3	151.2	150.6	149.0
-75°	124.6	123.8	124.1	124.3	124.1	123.8	124.6	125.0	125.2	124.9	123.6
-77.5°	98.1	97.3	96.1	94.7	96.1	97.3	98.1	98.6	98.8	98.6	97.5
-80°	71.0	70.8	69.5	68.1	69.5	70.8	71.0	71.1	71.1	70.8	70.2
-82.5°	47.6	47.2	47.3	47.4	47.3	47.2	47.6	47.9	48.1	48.2	47.4
-85°	27.1	26.5	26.6	26.6	26.6	26.5	27.1	27.6	28.0	28.4	27.9
-87.5°	9.5	8.9	8.9	8.9	8.9	8.9	9.5	10.2	10.8	11.4	11.3
-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: P627119 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA3B-750-U-NR-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°	11.1	10.9	10.7	10.5	10.2	10.0	9.7	9.4	9.0	8.7	8.3
85°	27.4	26.9	26.3	25.6	24.8	24.0	23.1	21.8	20.4	19.2	17.9
82.5°	46.5	45.5	44.5	43.2	41.9	40.5	39.0	36.9	34.6	32.1	29.5
80°	69.4	68.3	66.8	64.4	61.8	59.3	56.7	54.3	51.7	49.0	46.1
77.5°	96.2	94.6	92.3	88.4	84.3	80.2	76.3	72.9	69.7	66.2	62.7
75°	122.1	120.3	117.7	113.5	108.6	103.0	97.9	93.7	89.3	84.7	79.8
72.5°	147.1	144.8	142.0	138.4	134.3	129.3	123.0	116.5	110.1	104.1	98.3
70°	172.0	169.3	166.4	162.9	158.7	153.9	147.7	140.3	131.7	123.5	117.2
67.5°	198.2	194.6	191.6	188.6	184.8	179.9	172.8	165.1	156.7	147.1	138.2
65°	226.2	222.2	218.3	214.7	210.6	205.9	198.6	190.1	180.9	171.3	161.3
62.5°	254.1	251.4	247.0	241.7	236.2	230.3	223.5	215.1	205.3	194.1	183.1
60°	279.0	275.6	270.6	265.4	260.2	253.5	244.8	237.1	230.5	217.9	204.7
57.5°	300.4	296.5	290.5	284.9	279.8	272.0	263.1	254.4	245.9	237.1	225.8
55°	317.3	313.1	307.8	301.5	294.5	287.3	279.1	269.8	260.7	252.7	242.3
52.5°	333.6	329.5	324.4	318.3	310.8	302.4	293.5	284.2	275.7	267.5	258.1
50°	352.6	347.4	341.6	335.3	327.2	318.1	308.5	298.6	289.9	281.5	272.6
47.5°	376.0	368.5	360.1	352.5	343.6	333.6	323.4	313.4	303.9	294.0	285.0
45°	404.0	393.8	382.9	372.6	361.0	350.1	338.3	327.9	317.7	307.1	296.0
42.5°	439.5	424.1	409.9	395.8	381.5	368.3	355.0	342.8	331.3	319.9	308.0
40°	483.0	462.3	443.5	422.8	405.2	388.1	372.8	357.5	344.8	332.4	319.3
37.5°	536.5	509.5	483.7	456.9	433.4	410.9	391.8	374.3	357.6	344.1	330.2
35°	605.0	568.1	531.2	497.9	465.9	438.3	412.8	391.8	372.8	355.3	340.8
32.5°	697.4	645.2	589.4	546.5	504.4	468.1	437.6	410.9	388.1	368.3	350.8
30°	833.5	747.9	671.0	602.9	549.9	503.0	463.2	432.3	405.2	381.5	361.0
27.5°	1028.6	881.2	777.4	677.2	599.7	542.9	494.9	454.3	422.4	395.8	372.4
25°	1305.0	1081.5	901.2	770.4	665.0	584.3	527.8	480.8	441.8	409.7	381.5
22.5°	1684.0	1345.5	1068.8	870.4	740.4	639.9	563.7	506.9	459.5	421.8	391.2
20°	2241.4	1660.3	1285.5	1013.3	824.9	693.3	601.0	534.2	479.3	434.5	399.6
17.5°	2903.0	2096.9	1522.8	1159.5	923.9	761.7	644.3	559.3	497.4	445.5	406.5
15°	3608.2	2591.6	1854.3	1354.7	1025.0	820.3	680.3	581.6	514.5	457.6	415.1
12.5°	4508.7	3124.9	2145.1	1517.6	1124.5	884.0	722.1	609.8	531.5	470.7	423.9
10°	5360.6	3681.2	2499.0	1732.2	1245.6	946.7	759.2	631.5	544.6	481.1	431.2
7.5°	6165.4	4216.0	2805.0	1895.4	1339.0	996.5	786.7	647.1	553.9	488.4	436.7
5°	6755.2	4614.0	3044.5	2021.4	1405.1	1032.5	804.6	656.8	559.5	492.7	440.5
2.5°	7204.1	4877.7	3190.2	2095.3	1442.9	1053.9	815.3	664.3	564.9	496.2	444.6
0°	7410.1	4979.6	3238.8	2134.5	1465.4	1059.9	820.1	669.1	568.4	497.4	447.0
-2.5°	7204.1	4877.7	3190.2	2095.3	1442.9	1053.9	815.3	664.3	564.9	496.2	444.6
-5°	6755.2	4614.0	3044.5	2021.4	1405.1	1032.5	804.6	656.8	559.5	492.7	440.5
-7.5°	6165.4	4216.0	2805.0	1895.4	1339.0	996.5	786.7	647.1	553.9	488.4	436.7
-10°	5360.6	3681.2	2499.0	1732.2	1245.6	946.7	759.2	631.5	544.6	481.1	431.2
-12.5°	4508.7	3124.9	2145.1	1517.6	1124.5	884.0	722.1	609.8	531.5	470.7	423.9
-15°	3608.2	2591.6	1854.3	1354.7	1025.0	820.3	680.3	581.6	514.5	457.6	415.1
-17.5°	2903.0	2096.9	1522.8	1159.5	923.9	761.7	644.3	559.3	497.4	445.5	406.5
-20°	2241.4	1660.3	1285.5	1013.3	824.9	693.3	601.0	534.2	479.3	434.5	399.6



REPORT NUMBER: P627119 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA3B-750-U-NR-XX

CANDELA DISTRIBUTION (continued):

	20°	22.5°	25°	27.5°	30°	32.5°	35°	37.5°	40°	42.5°	45°
-22.5°	1684.0	1345.5	1068.8	870.4	740.4	639.9	563.7	506.9	459.5	421.8	391.2
-25°	1305.0	1081.5	901.2	770.4	665.0	584.3	527.8	480.8	441.8	409.7	381.5
-27.5°	1028.6	881.2	777.4	677.2	599.7	542.9	494.9	454.3	422.4	395.8	372.4
-30°	833.5	747.9	671.0	602.9	549.9	503.0	463.2	432.3	405.2	381.5	361.0
-32.5°	697.4	645.2	589.4	546.5	504.4	468.1	437.6	410.9	388.1	368.3	350.8
-35°	605.0	568.1	531.2	497.9	465.9	438.3	412.8	391.8	372.8	355.3	340.8
-37.5°	536.5	509.5	483.7	456.9	433.4	410.9	391.8	374.3	357.6	344.1	330.2
-40°	483.0	462.3	443.5	422.8	405.2	388.1	372.8	357.5	344.8	332.4	319.3
-42.5°	439.5	424.1	409.9	395.8	381.5	368.3	355.0	342.8	331.3	319.9	308.0
-45°	404.0	393.8	382.9	372.6	361.0	350.1	338.3	327.9	317.7	307.1	296.0
-47.5°	376.0	368.5	360.1	352.5	343.6	333.6	323.4	313.4	303.9	294.0	285.0
-50°	352.6	347.4	341.6	335.3	327.2	318.1	308.5	298.6	289.9	281.5	272.6
-52.5°	333.6	329.5	324.4	318.3	310.8	302.4	293.5	284.2	275.7	267.5	258.1
-55°	317.3	313.1	307.8	301.5	294.5	287.3	279.1	269.8	260.7	252.7	242.3
-57.5°	300.4	296.5	290.5	284.9	279.8	272.0	263.1	254.4	245.9	237.1	225.8
-60°	279.0	275.6	270.6	265.4	260.2	253.5	244.8	237.1	230.5	217.9	204.7
-62.5°	254.1	251.4	247.0	241.7	236.2	230.3	223.5	215.1	205.3	194.1	183.1
-65°	226.2	222.2	218.3	214.7	210.6	205.9	198.6	190.1	180.9	171.3	161.3
-67.5°	198.2	194.6	191.6	188.6	184.8	179.9	172.8	165.1	156.7	147.1	138.2
-70°	172.0	169.3	166.4	162.9	158.7	153.9	147.7	140.3	131.7	123.5	117.2
-72.5°	147.1	144.8	142.0	138.4	134.3	129.3	123.0	116.5	110.1	104.1	98.3
-75°	122.1	120.3	117.7	113.5	108.6	103.0	97.9	93.7	89.3	84.7	79.8
-77.5°	96.2	94.6	92.3	88.4	84.3	80.2	76.3	72.9	69.7	66.2	62.7
-80°	69.4	68.3	66.8	64.4	61.8	59.3	56.7	54.3	51.7	49.0	46.1
-82.5°	46.5	45.5	44.5	43.2	41.9	40.5	39.0	36.9	34.6	32.1	29.5
-85°	27.4	26.9	26.3	25.6	24.8	24.0	23.1	21.8	20.4	19.2	17.9
-87.5°	11.1	10.9	10.7	10.5	10.2	10.0	9.7	9.4	9.0	8.7	8.3
-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: P627119 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA3B-750-U-NR-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°	8.0	7.6	7.2	6.8	6.3	5.9	5.4	5.0	4.5	4.0	3.5
85°	17.3	16.4	15.5	14.4	13.1	11.8	10.9	10.0	9.0	8.1	7.1
82.5°	28.0	26.9	25.9	24.6	22.6	20.6	18.6	16.5	14.4	12.2	10.6
80°	43.3	40.7	38.1	35.5	32.5	29.5	26.7	24.0	21.1	18.2	15.3
77.5°	58.9	55.0	51.0	47.2	43.5	39.6	35.7	31.7	27.8	24.2	20.6
75°	74.8	70.0	65.1	60.1	55.0	49.8	45.0	40.2	35.3	30.3	25.8
72.5°	92.4	86.2	79.9	73.4	67.3	61.2	54.9	48.7	42.9	37.1	31.2
70°	110.7	103.1	95.5	88.3	80.6	72.5	65.3	58.0	50.5	43.8	37.1
67.5°	129.9	122.2	113.3	103.6	94.9	85.8	76.1	67.4	59.0	50.5	42.9
65°	151.0	141.3	132.0	120.9	109.9	99.4	88.8	77.3	67.4	58.0	48.7
62.5°	171.6	159.9	148.8	137.3	125.4	113.2	101.3	88.5	76.0	65.3	54.9
60°	192.0	179.1	165.2	152.2	139.7	126.9	113.4	99.3	85.6	72.5	61.2
57.5°	211.4	197.8	182.2	166.9	152.9	139.5	125.0	109.7	94.8	80.4	67.3
55°	229.5	214.3	198.0	181.5	165.7	151.1	136.0	119.8	103.8	88.3	73.2
52.5°	246.1	230.2	212.9	195.3	178.1	162.1	146.2	129.4	112.3	95.8	79.6
50°	261.6	246.0	227.6	208.7	189.8	173.0	156.3	138.7	120.5	103.0	85.8
47.5°	275.0	260.2	242.4	222.0	201.8	183.7	166.2	147.7	128.3	109.9	91.8
45°	285.9	273.4	256.2	235.7	214.1	194.8	175.9	156.6	136.3	116.4	97.6
42.5°	296.1	284.4	268.9	249.1	226.7	205.8	185.4	165.2	144.0	122.7	103.1
40°	306.5	294.1	280.7	260.8	238.5	216.4	195.0	173.6	151.5	128.9	108.3
37.5°	316.1	303.3	289.7	271.6	249.1	226.3	204.1	181.7	158.5	135.1	113.3
35°	325.9	311.6	297.5	280.1	258.3	235.3	212.8	189.5	165.0	140.9	118.0
32.5°	335.3	319.2	304.1	287.0	266.7	243.5	220.6	196.3	171.2	146.2	122.4
30°	343.9	326.4	310.4	293.7	273.9	250.5	227.2	202.5	176.9	151.1	126.5
27.5°	350.7	332.3	316.4	299.4	279.6	256.9	233.0	208.0	182.2	155.6	130.5
25°	357.5	337.9	321.2	304.7	285.0	263.3	238.4	212.9	186.8	159.8	134.0
22.5°	365.1	342.9	325.0	309.7	290.5	269.5	243.5	217.2	190.8	163.6	137.2
20°	371.8	347.4	327.8	313.6	294.9	274.1	248.3	221.0	194.3	167.0	139.9
17.5°	377.7	352.1	331.5	315.9	298.3	278.1	252.8	224.4	197.2	169.9	142.3
15°	383.9	357.1	334.8	317.8	301.1	281.4	256.9	227.4	199.5	172.4	144.4
12.5°	389.3	361.2	337.4	319.2	303.2	284.1	260.5	229.8	201.3	174.5	146.3
10°	393.9	364.3	339.4	320.2	304.7	286.1	263.5	232.2	203.3	176.1	148.0
7.5°	397.4	366.5	340.7	320.8	305.7	287.8	266.1	234.9	204.9	177.2	149.3
5°	400.0	368.2	342.7	322.6	306.9	289.1	268.0	237.1	206.2	177.8	150.2
2.5°	402.0	369.6	344.9	324.4	307.7	289.8	269.1	238.8	206.9	177.9	150.8
0°	402.6	370.1	346.4	325.7	307.9	290.1	269.4	239.8	207.2	177.6	151.0
-2.5°	402.0	369.6	344.9	324.4	307.7	289.8	269.1	238.8	206.9	177.9	150.8
-5°	400.0	368.2	342.7	322.6	306.9	289.1	268.0	237.1	206.2	177.8	150.2
-7.5°	397.4	366.5	340.7	320.8	305.7	287.8	266.1	234.9	204.9	177.2	149.3
-10°	393.9	364.3	339.4	320.2	304.7	286.1	263.5	232.2	203.3	176.1	148.0
-12.5°	389.3	361.2	337.4	319.2	303.2	284.1	260.5	229.8	201.3	174.5	146.3
-15°	383.9	357.1	334.8	317.8	301.1	281.4	256.9	227.4	199.5	172.4	144.4
-17.5°	377.7	352.1	331.5	315.9	298.3	278.1	252.8	224.4	197.2	169.9	142.3
-20°	371.8	347.4	327.8	313.6	294.9	274.1	248.3	221.0	194.3	167.0	139.9

Classified

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

Scaled Data Report



REPORT NUMBER: P627119 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA3B-750-U-NR-XX

CANDELA DISTRIBUTION (continued):

	47.5°	50°	52.5°	55°	57.5°	60°	62.5°	65°	67.5°	70°	72.5°
-22.5°	365.1	342.9	325.0	309.7	290.5	269.5	243.5	217.2	190.8	163.6	137.2
-25°	357.5	337.9	321.2	304.7	285.0	263.3	238.4	212.9	186.8	159.8	134.0
-27.5°	350.7	332.3	316.4	299.4	279.6	256.9	233.0	208.0	182.2	155.6	130.5
-30°	343.9	326.4	310.4	293.7	273.9	250.5	227.2	202.5	176.9	151.1	126.5
-32.5°	335.3	319.2	304.1	287.0	266.7	243.5	220.6	196.3	171.2	146.2	122.4
-35°	325.9	311.6	297.5	280.1	258.3	235.3	212.8	189.5	165.0	140.9	118.0
-37.5°	316.1	303.3	289.7	271.6	249.1	226.3	204.1	181.7	158.5	135.1	113.3
-40°	306.5	294.1	280.7	260.8	238.5	216.4	195.0	173.6	151.5	128.9	108.3
-42.5°	296.1	284.4	268.9	249.1	226.7	205.8	185.4	165.2	144.0	122.7	103.1
-45°	285.9	273.4	256.2	235.7	214.1	194.8	175.9	156.6	136.3	116.4	97.6
-47.5°	275.0	260.2	242.4	222.0	201.8	183.7	166.2	147.7	128.3	109.9	91.8
-50°	261.6	246.0	227.6	208.7	189.8	173.0	156.3	138.7	120.5	103.0	85.8
-52.5°	246.1	230.2	212.9	195.3	178.1	162.1	146.2	129.4	112.3	95.8	79.6
-55°	229.5	214.3	198.0	181.5	165.7	151.1	136.0	119.8	103.8	88.3	73.2
-57.5°	211.4	197.8	182.2	166.9	152.9	139.5	125.0	109.7	94.8	80.4	67.3
-60°	192.0	179.1	165.2	152.2	139.7	126.9	113.4	99.3	85.6	72.5	61.2
-62.5°	171.6	159.9	148.8	137.3	125.4	113.2	101.3	88.5	76.0	65.3	54.9
-65°	151.0	141.3	132.0	120.9	109.9	99.4	88.8	77.3	67.4	58.0	48.7
-67.5°	129.9	122.2	113.3	103.6	94.9	85.8	76.1	67.4	59.0	50.5	42.9
-70°	110.7	103.1	95.5	88.3	80.6	72.5	65.3	58.0	50.5	43.8	37.1
-72.5°	92.4	86.2	79.9	73.4	67.3	61.2	54.9	48.7	42.9	37.1	31.2
-75°	74.8	70.0	65.1	60.1	55.0	49.8	45.0	40.2	35.3	30.3	25.8
-77.5°	58.9	55.0	51.0	47.2	43.5	39.6	35.7	31.7	27.8	24.2	20.6
-80°	43.3	40.7	38.1	35.5	32.5	29.5	26.7	24.0	21.1	18.2	15.3
-82.5°	28.0	26.9	25.9	24.6	22.6	20.6	18.6	16.5	14.4	12.2	10.6
-85°	17.3	16.4	15.5	14.4	13.1	11.8	10.9	10.0	9.0	8.1	7.1
-87.5°	8.0	7.6	7.2	6.8	6.3	5.9	5.4	5.0	4.5	4.0	3.5
-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: P627119 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA3B-750-U-NR-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°	3.1	2.6	2.0	1.5	1.0	0.5	0.0
85°	6.1	5.1	4.1	3.1	2.1	0.9	0.0
82.5°	9.1	7.6	6.1	4.6	3.1	1.3	0.0
80°	12.3	10.2	8.2	6.1	4.1	1.8	0.0
77.5°	16.8	13.1	10.2	7.6	5.1	2.2	0.0
75°	21.3	16.6	12.3	9.1	6.1	2.7	0.0
72.5°	25.6	20.1	15.0	10.6	7.0	3.1	0.0
70°	30.0	23.5	17.6	12.2	7.9	3.5	0.0
67.5°	34.9	26.9	20.2	14.0	8.9	3.9	0.0
65°	39.8	30.6	22.8	15.9	9.7	4.3	0.0
62.5°	44.6	34.5	25.2	17.6	10.6	4.7	0.0
60°	49.2	38.4	27.6	19.4	11.4	5.1	0.0
57.5°	54.3	42.2	30.6	21.1	12.5	5.4	0.0
55°	59.4	45.9	33.5	22.7	13.5	5.8	0.0
52.5°	64.3	49.5	36.4	24.2	14.5	6.1	0.0
50°	69.0	53.5	39.1	25.7	15.5	6.4	0.0
47.5°	73.6	57.3	41.8	27.3	16.5	6.7	0.0
45°	78.6	60.9	44.3	29.2	17.4	7.0	0.0
42.5°	83.3	64.4	46.7	31.0	18.3	7.3	0.0
40°	87.8	67.7	49.2	32.7	19.2	7.5	0.0
37.5°	92.0	70.8	51.7	34.5	20.0	7.8	0.0
35°	96.1	74.0	54.0	36.1	20.8	8.0	0.0
32.5°	99.8	77.1	56.3	37.6	21.5	8.2	0.0
30°	103.3	80.0	58.3	39.0	22.2	8.3	0.0
27.5°	106.5	82.7	60.3	40.3	22.9	8.5	0.0
25°	109.5	85.2	62.1	41.5	23.5	8.6	0.0
22.5°	112.2	87.4	63.8	42.6	24.1	8.7	0.0
20°	114.5	89.3	65.3	43.6	24.6	8.8	0.0
17.5°	116.5	90.9	66.7	44.5	25.0	8.9	0.0
15°	118.1	92.2	67.8	45.3	25.4	9.0	0.0
12.5°	119.5	93.3	68.8	45.9	25.8	9.0	0.0
10°	120.5	94.1	69.6	46.4	26.1	9.0	0.0
7.5°	121.2	94.6	70.3	46.9	26.3	9.0	0.0
5°	121.6	94.9	70.7	47.2	26.5	9.0	0.0
2.5°	121.6	94.9	71.0	47.3	26.6	9.0	0.0
0°	121.4	94.7	71.1	47.4	26.6	8.9	0.0
-2.5°	121.6	94.9	71.0	47.3	26.6	9.0	0.0
-5°	121.6	94.9	70.7	47.2	26.5	9.0	0.0
-7.5°	121.2	94.6	70.3	46.9	26.3	9.0	0.0
-10°	120.5	94.1	69.6	46.4	26.1	9.0	0.0
-12.5°	119.5	93.3	68.8	45.9	25.8	9.0	0.0
-15°	118.1	92.2	67.8	45.3	25.4	9.0	0.0
-17.5°	116.5	90.9	66.7	44.5	25.0	8.9	0.0
-20°	114.5	89.3	65.3	43.6	24.6	8.8	0.0

Classified

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

Scaled Data Report



REPORT NUMBER: P627119 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA3B-750-U-NR-XX

CANDELA DISTRIBUTION (continued):

	75°	77.5°	80°	82.5°	85°	87.5°	90°
-22.5°	112.2	87.4	63.8	42.6	24.1	8.7	0.0
-25°	109.5	85.2	62.1	41.5	23.5	8.6	0.0
-27.5°	106.5	82.7	60.3	40.3	22.9	8.5	0.0
-30°	103.3	80.0	58.3	39.0	22.2	8.3	0.0
-32.5°	99.8	77.1	56.3	37.6	21.5	8.2	0.0
-35°	96.1	74.0	54.0	36.1	20.8	8.0	0.0
-37.5°	92.0	70.8	51.7	34.5	20.0	7.8	0.0
-40°	87.8	67.7	49.2	32.7	19.2	7.5	0.0
-42.5°	83.3	64.4	46.7	31.0	18.3	7.3	0.0
-45°	78.6	60.9	44.3	29.2	17.4	7.0	0.0
-47.5°	73.6	57.3	41.8	27.3	16.5	6.7	0.0
-50°	69.0	53.5	39.1	25.7	15.5	6.4	0.0
-52.5°	64.3	49.5	36.4	24.2	14.5	6.1	0.0
-55°	59.4	45.9	33.5	22.7	13.5	5.8	0.0
-57.5°	54.3	42.2	30.6	21.1	12.5	5.4	0.0
-60°	49.2	38.4	27.6	19.4	11.4	5.1	0.0
-62.5°	44.6	34.5	25.2	17.6	10.6	4.7	0.0
-65°	39.8	30.6	22.8	15.9	9.7	4.3	0.0
-67.5°	34.9	26.9	20.2	14.0	8.9	3.9	0.0
-70°	30.0	23.5	17.6	12.2	7.9	3.5	0.0
-72.5°	25.6	20.1	15.0	10.6	7.0	3.1	0.0
-75°	21.3	16.6	12.3	9.1	6.1	2.7	0.0
-77.5°	16.8	13.1	10.2	7.6	5.1	2.2	0.0
-80°	12.3	10.2	8.2	6.1	4.1	1.8	0.0
-82.5°	9.1	7.6	6.1	4.6	3.1	1.3	0.0
-85°	6.1	5.1	4.1	3.1	2.1	0.9	0.0
-87.5°	3.1	2.6	2.0	1.5	1.0	0.5	0.0
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0

(END OF REPORT)