

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: P627133 (CONVERTED FROM TYPE C PHOTOMETRY)

Luminaire Tested: **GFLD-SA3C-722-U-WR-XX**

Issue Date: 12/7/2022

Test Information

Test Method: LM-79-08
Report Number: P627133 (CONVERTED FROM TYPE C PHOTOMETRY)
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G2-2209-766-1)
Test Lab: COOPER LIGHTING SOLUTIONS
Issue Date: 12/7/2022
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: MCGRAW-EDISON
Catalog Number: GFLD-SA3C-722-U-WR-XX
Description: GALLEON FLOOD, THREE LIGHT SQAURE, WIDE SYMMETRICAL ROUND N61
Light Source: (48) 2200K CCT, 70 CRI LEDS
Ballast/Driver: -

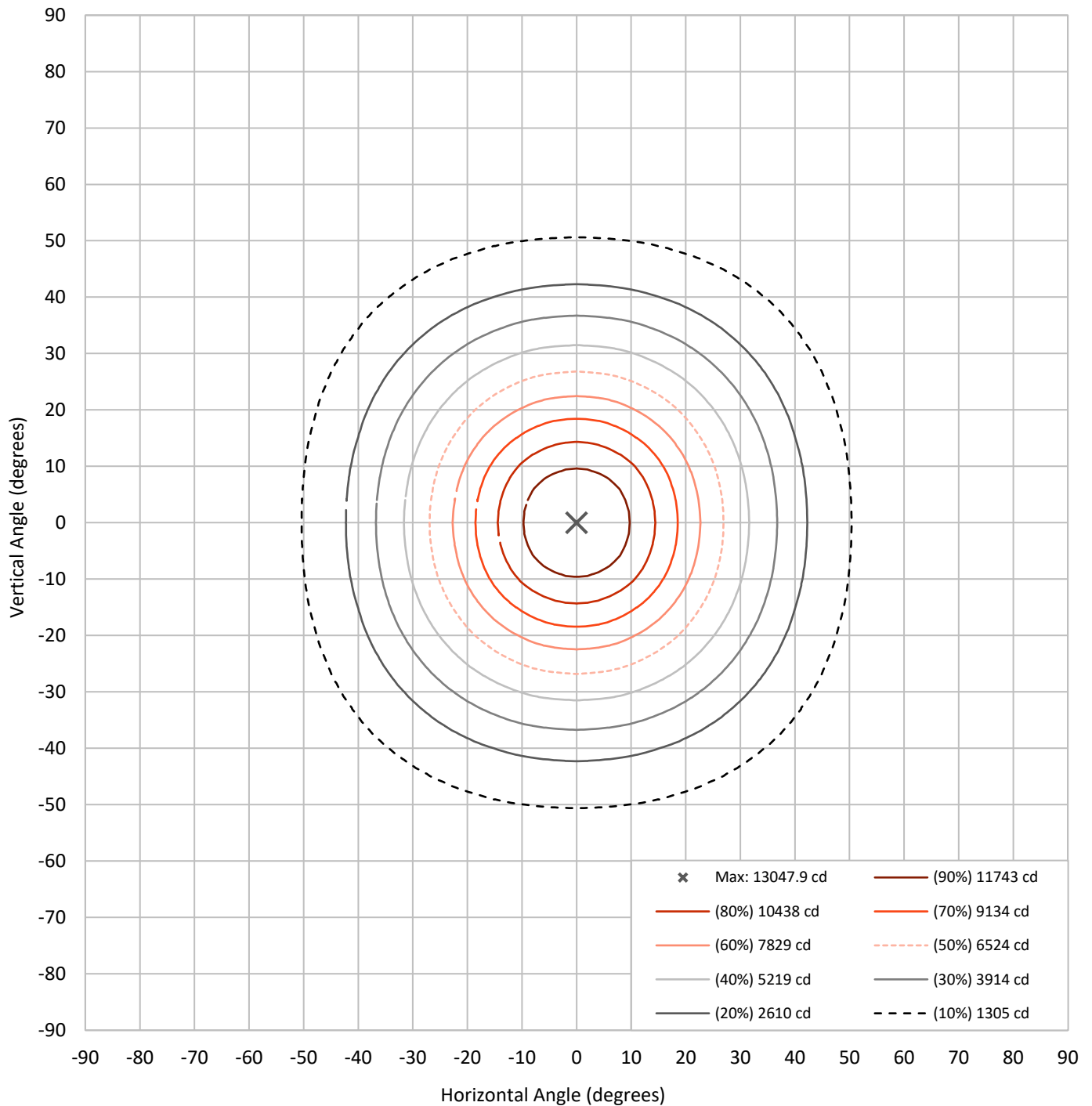
Summary

Lumens per Lamp:	N/A	NEMA Type:	6H x 6V
Luminaire Lumens:	13279.7 lumens	Max Intensity:	13047.9 candela
Efficiency:	N/A	Max Intensity Angle:	0°H x 0°V
Efficacy:	109.1 lumens/watt		
Luminous Opening:	Rectangular (W 1.5' x L: 0.5' x H: 0')		
Beam Angle (50%):	53.8°H x 53.6°V	Field Angle (10%):	100.8°H x 101.2°V
Beam Lumens:	6349.6 lumens	Field Lumens:	11719.8 lumens
Beam Efficiency:	47.8%	Field Efficiency:	88.3%
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: P627133 (CONVERTED FROM TYPE C PHOTOMETRY)
CATALOG NUMBER: GFLD-SA3C-722-U-WR-XX

Iso-Candela Plot





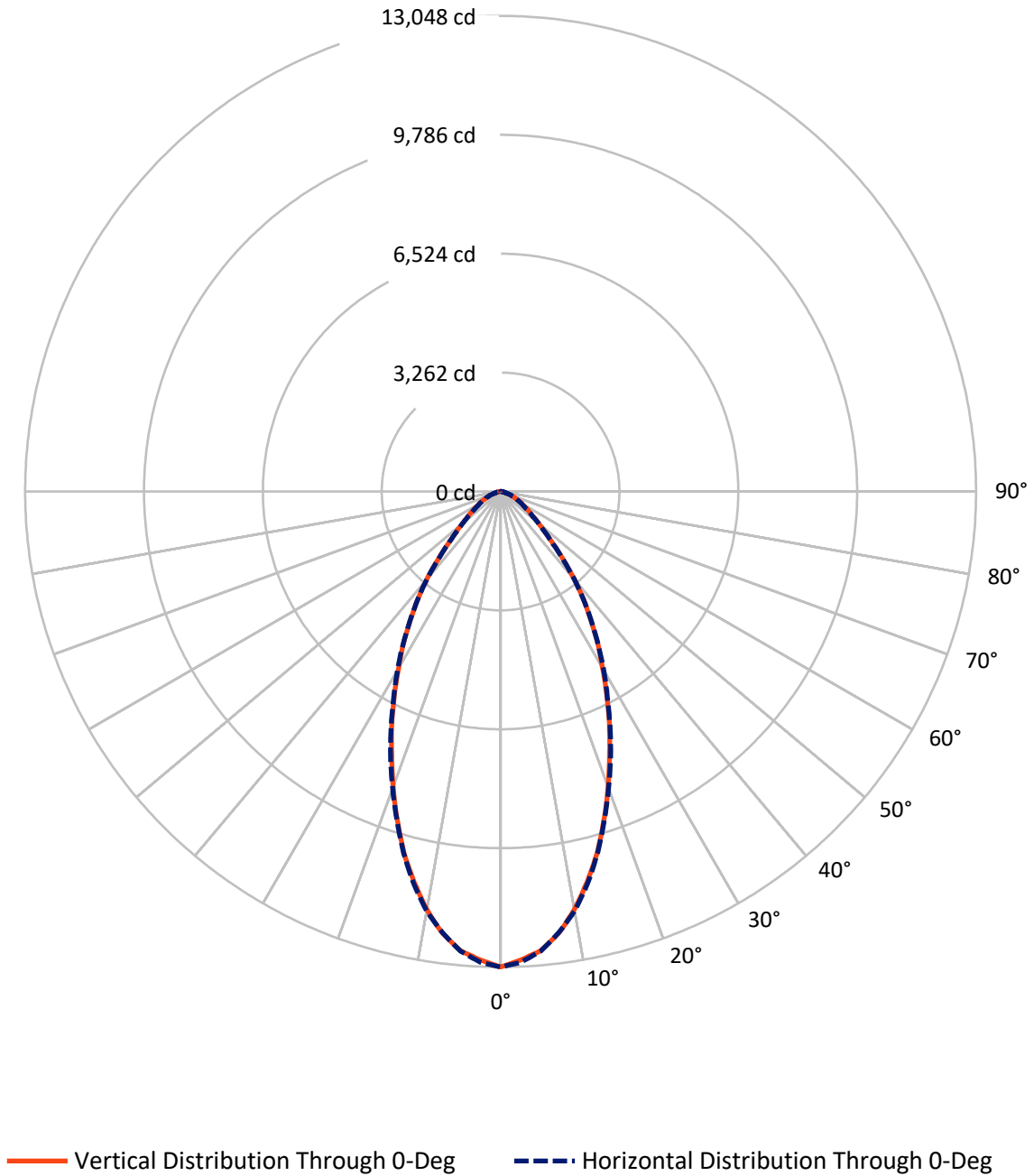
REPORT NUMBER: P627133 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA3C-722-U-WR-XX

Lumen Table

90															90				
80	0.5	3.7		8.3		13.9		11.9		13.9		8.3		3.7		0.5			
70															70				
60	1.7	2.0	3.8	6.1	8.9	11.5	13.5	14.4	14.4	13.5	11.5	8.9	6.1	3.8	2.0	1.7			
		2.9	5.8	10.0	15.3	21.0	26.2	29.2	29.2	26.2	21.0	15.3	10.0	5.8	2.9				
50															50				
40	2.5	3.7	7.9	14.9	25.1	38.5	53.1	62.9	62.9	53.1	38.5	25.1	14.9	7.9	3.7	2.5			
		4.4	10.4	21.6	42.1	74.7	108.6	128.8	128.8	108.6	74.7	42.1	21.6	10.4	4.4				
30															30				
20	3.0	5.2	13.0	30.3	68.0	122.3	175.0	209.2	209.2	175.0	122.3	68.0	30.3	13.0	5.2	3.0			
		5.8	15.2	39.3	92.9	165.2	243.8	300.0	300.0	243.8	165.2	92.9	39.3	15.2	5.8				
10															10				
0	3.2	6.1	16.5	45.1	106.9	192.0	292.2	367.5	367.5	292.2	192.0	106.9	45.1	16.5	6.1	3.2			
		6.1	16.5	45.1	106.9	192.0	292.2	367.5	367.5	292.2	192.0	106.9	45.1	16.5	6.1				
-10															-10				
-20	3.0	5.8	15.2	39.3	92.9	165.2	243.8	300.0	300.0	243.8	165.2	92.9	39.3	15.2	5.8	3.0			
		5.2	13.0	30.3	68.0	122.3	175.0	209.2	209.2	175.0	122.3	68.0	30.3	13.0	5.2				
-30															-30				
-40	2.5	4.4	10.4	21.6	42.1	74.7	108.6	128.8	128.8	108.6	74.7	42.1	21.6	10.4	4.4	2.5			
		3.7	7.9	14.9	25.1	38.5	53.1	62.9	62.9	53.1	38.5	25.1	14.9	7.9	3.7				
-50															-50				
-60	1.7	2.9	5.8	10.0	15.3	21.0	26.2	29.2	29.2	26.2	21.0	15.3	10.0	5.8	2.9	1.7			
		2.0	3.8	6.1	8.9	11.5	13.5	14.4	14.4	13.5	11.5	8.9	6.1	3.8	2.0				
-70															-70				
-80	0.5	3.7		8.3		13.9		11.9		13.9		8.3		3.7		0.5			
-90															-90				
	-90	-80	-70	-60	-50	-40	-30	-20	-10	0	10	20	30	40	50	60	70	80	90

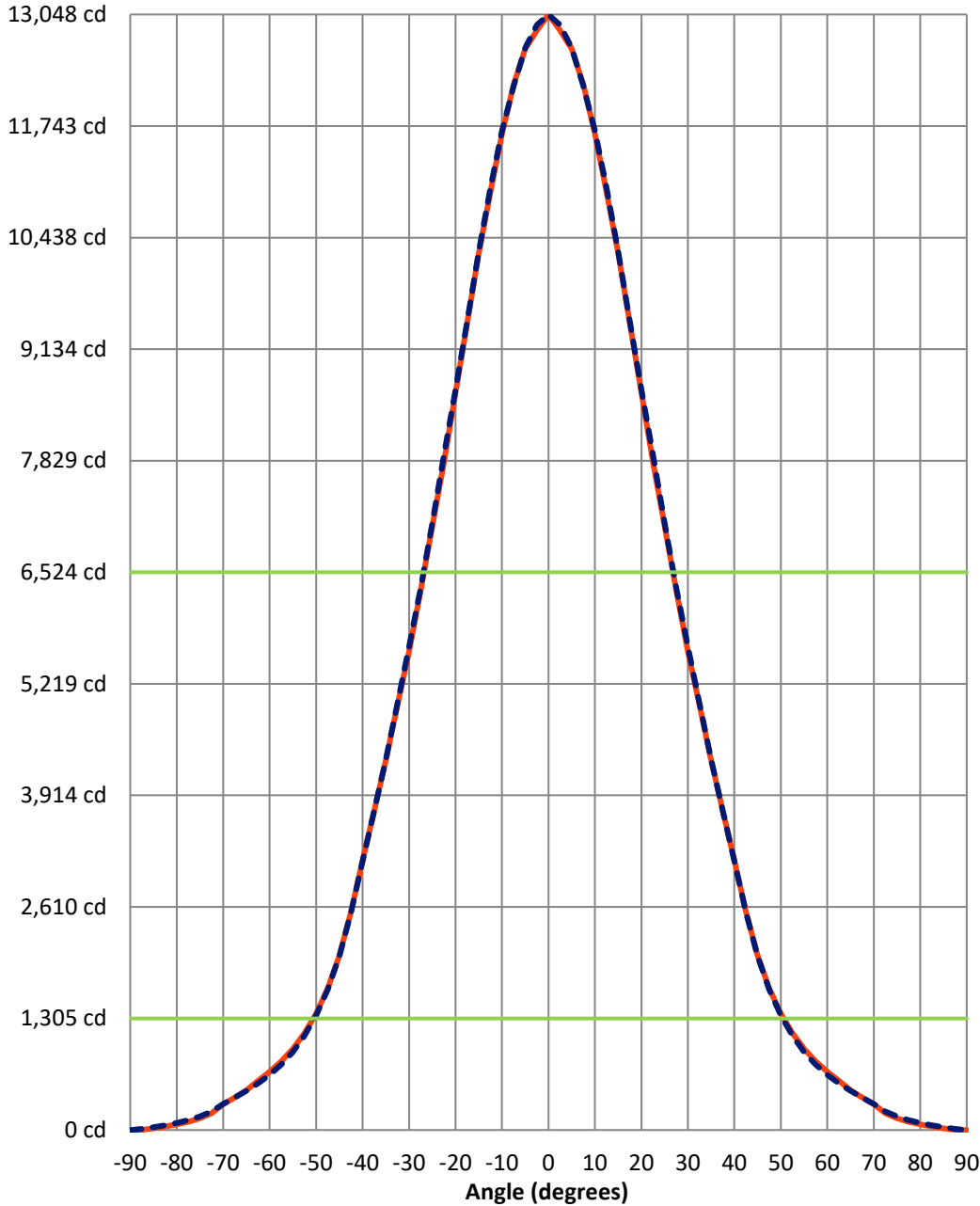
REPORT NUMBER: P627133 (CONVERTED FROM TYPE C PHOTOMETRY)
CATALOG NUMBER: GFLD-SA3C-722-U-WR-XX

Luminous Intensity Polar Plot



REPORT NUMBER: P627133 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA3C-722-U-WR-XX

Luminous Intensity Plot



Beam:
 H Angle: 53.8°
 V Angle: 53.6°
 Lumens: 6349.6
 Efficiency: 47.8%

Field:
 H Angle: 100.8°
 V Angle: 101.2°
 Lumens: 11719.8
 Efficiency: 88.3%

Spill:
 Lumens: 1559.9
 Efficiency: 11.7%

- 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: P627133 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA3C-722-U-WR-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	1.5	2.5	3.6	4.8	6.2	6.9	7.4	7.9	8.2
85°	0.0	1.3	3.0	5.0	7.2	9.7	12.4	13.7	14.8	15.7	16.4
82.5°	0.0	2.0	4.6	7.5	10.8	14.4	18.5	20.6	22.7	26.3	29.5
80°	0.0	2.6	6.0	9.9	14.3	19.2	25.2	31.3	36.6	41.3	45.5
77.5°	0.0	3.3	7.5	12.3	17.7	24.9	35.9	43.8	50.4	56.3	62.2
75°	0.0	3.9	9.0	14.7	21.5	32.6	46.3	56.3	64.2	72.2	80.8
72.5°	0.0	4.5	10.4	17.0	26.6	40.0	56.4	68.5	78.1	88.3	99.2
70°	0.0	5.1	11.8	19.4	31.6	47.1	66.0	80.1	91.7	104.2	118.7
67.5°	0.0	5.7	13.1	22.5	36.3	53.9	74.3	91.5	105.1	120.5	138.0
65°	0.0	6.3	14.4	25.3	40.8	60.2	82.3	102.6	118.3	136.2	156.2
62.5°	0.0	6.9	15.7	28.1	45.0	65.9	89.8	113.1	130.9	151.3	173.2
60°	0.0	7.4	16.9	30.7	49.0	71.3	96.8	123.1	143.0	166.0	189.6
57.5°	0.0	8.0	18.3	33.1	52.7	76.4	103.1	132.0	155.2	180.1	204.8
55°	0.0	8.5	19.7	35.3	56.1	81.0	108.9	139.1	167.2	193.6	219.3
52.5°	0.0	9.0	21.1	37.3	59.3	85.2	114.2	147.0	178.6	206.5	233.5
50°	0.0	9.4	22.4	39.2	62.2	89.1	119.1	154.3	189.7	219.1	249.0
47.5°	0.0	9.9	23.6	40.8	64.7	92.6	123.6	161.0	200.6	231.3	264.3
45°	0.0	10.3	24.8	42.5	67.0	95.7	128.7	167.0	208.4	244.6	279.0
42.5°	0.0	10.7	25.9	44.0	68.9	98.4	133.2	172.8	215.6	257.3	294.3
40°	0.0	11.0	27.0	45.6	70.7	100.7	137.1	178.5	222.7	269.2	309.1
37.5°	0.0	11.3	27.9	47.2	72.3	102.5	140.5	183.6	230.5	278.6	323.2
35°	0.0	11.6	28.8	48.8	73.5	104.6	143.3	188.2	237.9	288.9	337.5
32.5°	0.0	11.9	29.6	50.1	74.5	106.6	145.9	192.2	245.0	299.3	352.2
30°	0.0	12.2	30.4	51.4	75.2	108.1	148.8	196.2	251.7	309.9	366.0
27.5°	0.0	12.4	31.1	52.5	76.8	109.2	151.1	201.0	258.7	320.5	379.0
25°	0.0	12.6	31.6	53.4	78.4	109.9	152.9	205.4	266.5	330.9	391.1
22.5°	0.0	12.7	32.2	54.2	79.7	110.8	154.2	209.2	274.0	340.4	404.3
20°	0.0	12.9	32.6	54.9	80.9	112.8	155.0	212.4	281.0	349.0	416.2
17.5°	0.0	13.0	32.9	55.5	81.9	114.4	156.7	215.0	287.5	356.5	426.6
15°	0.0	13.0	33.2	55.8	82.6	115.7	158.8	217.5	293.3	363.0	435.5
12.5°	0.0	13.1	33.4	56.1	83.2	116.6	160.3	219.7	298.2	368.4	443.0
10°	0.0	13.1	33.5	56.2	83.6	117.2	161.2	221.0	302.0	373.0	449.0
7.5°	0.0	13.1	33.6	56.2	83.8	117.5	161.6	221.2	304.7	376.5	453.7
5°	0.0	13.1	33.5	56.0	83.7	117.4	161.4	220.6	306.2	378.8	456.8
2.5°	0.0	13.0	33.4	55.7	83.5	117.0	160.7	219.1	306.4	380.0	458.4
0°	0.0	12.9	33.2	55.3	83.0	116.2	159.5	216.7	305.2	379.9	458.3
-2.5°	0.0	13.0	33.4	55.7	83.5	117.0	160.7	219.1	306.4	380.0	458.4
-5°	0.0	13.1	33.5	56.0	83.7	117.4	161.4	220.6	306.2	378.8	456.8
-7.5°	0.0	13.1	33.6	56.2	83.8	117.5	161.6	221.2	304.7	376.5	453.7
-10°	0.0	13.1	33.5	56.2	83.6	117.2	161.2	221.0	302.0	373.0	449.0
-12.5°	0.0	13.1	33.4	56.1	83.2	116.6	160.3	219.7	298.2	368.4	443.0
-15°	0.0	13.0	33.2	55.8	82.6	115.7	158.8	217.5	293.3	363.0	435.5
-17.5°	0.0	13.0	32.9	55.5	81.9	114.4	156.7	215.0	287.5	356.5	426.6
-20°	0.0	12.9	32.6	54.9	80.9	112.8	155.0	212.4	281.0	349.0	416.2

Classified

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

Scaled Data Report



REPORT NUMBER: P627133 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA3C-722-U-WR-XX

CANDELA DISTRIBUTION (continued):

	-90°	-87.5°	-85°	-82.5°	-80°	-77.5°	-75°	-72.5°	-70°	-67.5°	-65°
-22.5°	0.0	12.7	32.2	54.2	79.7	110.8	154.2	209.2	274.0	340.4	404.3
-25°	0.0	12.6	31.6	53.4	78.4	109.9	152.9	205.4	266.5	330.9	391.1
-27.5°	0.0	12.4	31.1	52.5	76.8	109.2	151.1	201.0	258.7	320.5	379.0
-30°	0.0	12.2	30.4	51.4	75.2	108.1	148.8	196.2	251.7	309.9	366.0
-32.5°	0.0	11.9	29.6	50.1	74.5	106.6	145.9	192.2	245.0	299.3	352.2
-35°	0.0	11.6	28.8	48.8	73.5	104.6	143.3	188.2	237.9	288.9	337.5
-37.5°	0.0	11.3	27.9	47.2	72.3	102.5	140.5	183.6	230.5	278.6	323.2
-40°	0.0	11.0	27.0	45.6	70.7	100.7	137.1	178.5	222.7	269.2	309.1
-42.5°	0.0	10.7	25.9	44.0	68.9	98.4	133.2	172.8	215.6	257.3	294.3
-45°	0.0	10.3	24.8	42.5	67.0	95.7	128.7	167.0	208.4	244.6	279.0
-47.5°	0.0	9.9	23.6	40.8	64.7	92.6	123.6	161.0	200.6	231.3	264.3
-50°	0.0	9.4	22.4	39.2	62.2	89.1	119.1	154.3	189.7	219.1	249.0
-52.5°	0.0	9.0	21.1	37.3	59.3	85.2	114.2	147.0	178.6	206.5	233.5
-55°	0.0	8.5	19.7	35.3	56.1	81.0	108.9	139.1	167.2	193.6	219.3
-57.5°	0.0	8.0	18.3	33.1	52.7	76.4	103.1	132.0	155.2	180.1	204.8
-60°	0.0	7.4	16.9	30.7	49.0	71.3	96.8	123.1	143.0	166.0	189.6
-62.5°	0.0	6.9	15.7	28.1	45.0	65.9	89.8	113.1	130.9	151.3	173.2
-65°	0.0	6.3	14.4	25.3	40.8	60.2	82.3	102.6	118.3	136.2	156.2
-67.5°	0.0	5.7	13.1	22.5	36.3	53.9	74.3	91.5	105.1	120.5	138.0
-70°	0.0	5.1	11.8	19.4	31.6	47.1	66.0	80.1	91.7	104.2	118.7
-72.5°	0.0	4.5	10.4	17.0	26.6	40.0	56.4	68.5	78.1	88.3	99.2
-75°	0.0	3.9	9.0	14.7	21.5	32.6	46.3	56.3	64.2	72.2	80.8
-77.5°	0.0	3.3	7.5	12.3	17.7	24.9	35.9	43.8	50.4	56.3	62.2
-80°	0.0	2.6	6.0	9.9	14.3	19.2	25.2	31.3	36.6	41.3	45.5
-82.5°	0.0	2.0	4.6	7.5	10.8	14.4	18.5	20.6	22.7	26.3	29.5
-85°	0.0	1.3	3.0	5.0	7.2	9.7	12.4	13.7	14.8	15.7	16.4
-87.5°	0.0	0.7	1.5	2.5	3.6	4.8	6.2	6.9	7.4	7.9	8.2
-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: P627133 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA3C-722-U-WR-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°	8.3	8.3	8.2	7.9	7.6	7.1	6.5	5.9	6.1	6.4	6.6
85°	16.7	16.6	18.0	19.3	19.9	19.9	19.6	18.7	21.1	23.9	26.9
82.5°	32.5	35.3	37.9	40.4	40.7	40.0	38.8	37.4	42.3	48.3	54.5
80°	49.8	53.9	58.7	63.1	64.2	63.8	62.4	60.1	66.6	75.8	85.7
77.5°	69.1	75.7	81.8	87.4	89.1	88.8	87.8	86.0	94.2	107.0	120.2
75°	89.4	97.4	105.3	112.3	115.2	115.5	115.1	117.1	128.0	142.9	156.1
72.5°	110.7	120.8	129.7	137.4	142.2	145.8	150.6	156.5	167.5	182.2	195.1
70°	133.1	144.4	153.8	162.2	169.5	177.5	187.7	197.9	209.5	224.1	237.5
67.5°	155.2	166.7	177.3	187.7	201.0	213.8	226.5	239.7	254.3	269.7	283.2
65°	175.7	188.7	201.6	216.8	234.1	248.6	264.2	281.4	300.6	317.8	333.6
62.5°	195.4	210.0	226.1	244.4	263.1	281.2	302.2	324.3	346.7	368.4	389.9
60°	212.1	230.2	249.7	270.3	292.0	316.6	341.3	367.6	394.3	420.4	447.0
57.5°	228.0	250.5	272.9	297.0	324.0	352.1	381.7	411.4	443.3	474.9	505.1
55°	244.6	271.1	296.6	325.1	356.1	389.2	422.6	458.5	493.8	533.5	570.2
52.5°	262.4	291.1	321.1	353.8	389.9	427.2	466.4	507.6	551.5	595.7	640.5
50°	279.6	312.1	345.5	384.5	424.9	467.6	512.8	560.8	611.9	663.1	717.3
47.5°	297.7	332.4	373.1	415.5	461.9	510.4	561.6	618.7	675.5	739.9	802.1
45°	315.6	355.4	399.6	448.9	499.8	554.4	615.3	678.0	750.5	823.3	905.0
42.5°	332.7	378.6	428.5	481.3	539.1	601.9	669.3	748.1	829.9	920.0	1015.9
40°	352.4	400.8	457.1	516.0	578.6	650.5	731.6	819.0	918.8	1025.5	1134.5
37.5°	371.4	425.8	485.2	549.1	621.8	702.7	792.3	899.5	1014.6	1135.9	1284.2
35°	389.3	449.7	514.1	584.1	662.9	756.7	863.8	982.2	1114.9	1271.4	1444.3
32.5°	408.3	472.3	541.4	620.0	709.2	811.6	933.3	1072.7	1229.7	1407.8	1624.3
30°	427.5	495.5	568.6	653.6	752.8	871.3	1009.6	1163.7	1344.3	1567.7	1821.8
27.5°	445.2	517.2	597.3	689.2	795.3	926.4	1082.9	1263.6	1476.3	1728.8	2025.7
25°	461.4	536.9	623.6	723.1	842.0	985.9	1155.6	1355.6	1608.5	1909.5	2274.7
22.5°	476.9	554.9	647.4	753.6	884.2	1043.4	1234.4	1463.4	1742.8	2080.7	2518.7
20°	491.5	574.4	671.1	782.8	921.8	1095.4	1306.9	1563.9	1882.0	2281.9	2757.9
17.5°	504.3	591.6	693.5	814.3	963.8	1148.2	1375.3	1652.7	2005.8	2461.7	2978.7
15°	515.3	606.4	712.9	841.6	1001.6	1200.7	1447.1	1750.1	2135.0	2625.1	3172.5
12.5°	524.4	618.8	729.2	864.6	1033.4	1245.1	1508.4	1836.9	2260.8	2779.0	3342.6
10°	531.7	628.7	742.3	883.2	1059.0	1281.2	1558.9	1907.8	2365.5	2911.0	3486.6
7.5°	537.8	636.5	752.4	897.2	1078.4	1308.7	1598.2	1962.6	2447.3	3015.4	3597.0
5°	542.1	642.0	760.0	907.1	1092.6	1327.9	1625.7	2000.9	2505.5	3091.1	3672.5
2.5°	544.5	645.0	764.3	912.3	1101.4	1338.8	1640.1	2025.0	2537.5	3134.4	3718.2
0°	545.0	645.5	765.4	913.0	1103.8	1340.8	1642.4	2032.5	2544.3	3145.6	3734.8
-2.5°	544.5	645.0	764.3	912.3	1101.4	1338.8	1640.1	2025.0	2537.5	3134.4	3718.2
-5°	542.1	642.0	760.0	907.1	1092.6	1327.9	1625.7	2000.9	2505.5	3091.1	3672.5
-7.5°	537.8	636.5	752.4	897.2	1078.4	1308.7	1598.2	1962.6	2447.3	3015.4	3597.0
-10°	531.7	628.7	742.3	883.2	1059.0	1281.2	1558.9	1907.8	2365.5	2911.0	3486.6
-12.5°	524.4	618.8	729.2	864.6	1033.4	1245.1	1508.4	1836.9	2260.8	2779.0	3342.6
-15°	515.3	606.4	712.9	841.6	1001.6	1200.7	1447.1	1750.1	2135.0	2625.1	3172.5
-17.5°	504.3	591.6	693.5	814.3	963.8	1148.2	1375.3	1652.7	2005.8	2461.7	2978.7
-20°	491.5	574.4	671.1	782.8	921.8	1095.4	1306.9	1563.9	1882.0	2281.9	2757.9

Classified

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

Scaled Data Report



REPORT NUMBER: P627133 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA3C-722-U-WR-XX

CANDELA DISTRIBUTION (continued):

	-62.5°	-60°	-57.5°	-55°	-52.5°	-50°	-47.5°	-45°	-42.5°	-40°	-37.5°
-22.5°	476.9	554.9	647.4	753.6	884.2	1043.4	1234.4	1463.4	1742.8	2080.7	2518.7
-25°	461.4	536.9	623.6	723.1	842.0	985.9	1155.6	1355.6	1608.5	1909.5	2274.7
-27.5°	445.2	517.2	597.3	689.2	795.3	926.4	1082.9	1263.6	1476.3	1728.8	2025.7
-30°	427.5	495.5	568.6	653.6	752.8	871.3	1009.6	1163.7	1344.3	1567.7	1821.8
-32.5°	408.3	472.3	541.4	620.0	709.2	811.6	933.3	1072.7	1229.7	1407.8	1624.3
-35°	389.3	449.7	514.1	584.1	662.9	756.7	863.8	982.2	1114.9	1271.4	1444.3
-37.5°	371.4	425.8	485.2	549.1	621.8	702.7	792.3	899.5	1014.6	1135.9	1284.2
-40°	352.4	400.8	457.1	516.0	578.6	650.5	731.6	819.0	918.8	1025.5	1134.5
-42.5°	332.7	378.6	428.5	481.3	539.1	601.9	669.3	748.1	829.9	920.0	1015.9
-45°	315.6	355.4	399.6	448.9	499.8	554.4	615.3	678.0	750.5	823.3	905.0
-47.5°	297.7	332.4	373.1	415.5	461.9	510.4	561.6	618.7	675.5	739.9	802.1
-50°	279.6	312.1	345.5	384.5	424.9	467.6	512.8	560.8	611.9	663.1	717.3
-52.5°	262.4	291.1	321.1	353.8	389.9	427.2	466.4	507.6	551.5	595.7	640.5
-55°	244.6	271.1	296.6	325.1	356.1	389.2	422.6	458.5	493.8	533.5	570.2
-57.5°	228.0	250.5	272.9	297.0	324.0	352.1	381.7	411.4	443.3	474.9	505.1
-60°	212.1	230.2	249.7	270.3	292.0	316.6	341.3	367.6	394.3	420.4	447.0
-62.5°	195.4	210.0	226.1	244.4	263.1	281.2	302.2	324.3	346.7	368.4	389.9
-65°	175.7	188.7	201.6	216.8	234.1	248.6	264.2	281.4	300.6	317.8	333.6
-67.5°	155.2	166.7	177.3	187.7	201.0	213.8	226.5	239.7	254.3	269.7	283.2
-70°	133.1	144.4	153.8	162.2	169.5	177.5	187.7	197.9	209.5	224.1	237.5
-72.5°	110.7	120.8	129.7	137.4	142.2	145.8	150.6	156.5	167.5	182.2	195.1
-75°	89.4	97.4	105.3	112.3	115.2	115.5	115.1	117.1	128.0	142.9	156.1
-77.5°	69.1	75.7	81.8	87.4	89.1	88.8	87.8	86.0	94.2	107.0	120.2
-80°	49.8	53.9	58.7	63.1	64.2	63.8	62.4	60.1	66.6	75.8	85.7
-82.5°	32.5	35.3	37.9	40.4	40.7	40.0	38.8	37.4	42.3	48.3	54.5
-85°	16.7	16.6	18.0	19.3	19.9	19.9	19.6	18.7	21.1	23.9	26.9
-87.5°	8.3	8.3	8.2	7.9	7.6	7.1	6.5	5.9	6.1	6.4	6.6
-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: P627133 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA3C-722-U-WR-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°	6.8	6.6	6.4	6.2	5.9	5.8	5.6	5.5	5.3	4.9	4.5
85°	30.0	30.7	31.0	31.2	31.2	32.2	33.2	34.0	34.8	31.5	27.9
82.5°	61.0	63.8	66.3	68.8	71.3	73.0	74.3	75.2	75.8	68.6	60.5
80°	96.0	102.0	107.0	111.8	116.3	117.4	117.4	116.8	115.5	105.7	94.5
77.5°	133.5	141.4	147.6	153.8	159.9	162.2	163.2	164.1	164.7	152.5	137.5
75°	167.5	176.9	185.7	193.8	201.3	205.3	207.6	209.5	211.0	198.8	182.7
72.5°	206.3	216.2	225.7	234.7	242.7	247.9	251.3	254.2	256.4	249.4	239.4
70°	249.0	259.2	269.3	278.6	287.6	294.7	300.2	305.0	309.0	309.8	309.4
67.5°	296.3	308.5	320.4	330.6	341.2	351.2	360.0	367.3	373.1	377.0	379.1
65°	349.5	367.7	384.0	397.7	409.3	422.6	434.4	443.4	449.7	454.5	458.6
62.5°	412.1	434.3	452.8	471.2	490.1	508.5	520.1	531.6	542.9	553.6	562.6
60°	472.4	496.7	521.9	545.3	567.0	587.0	607.6	625.9	641.9	655.3	665.3
57.5°	536.7	566.3	594.9	624.6	652.6	678.8	704.3	727.8	748.1	765.3	779.3
55°	606.5	642.6	676.6	714.4	751.0	784.4	815.1	846.6	875.0	900.0	919.8
52.5°	681.7	728.6	773.6	818.0	865.5	908.3	946.6	990.3	1029.0	1061.1	1086.0
50°	771.5	826.6	886.0	941.0	1000.9	1059.8	1114.2	1166.8	1218.3	1262.9	1298.9
47.5°	873.7	941.6	1015.2	1088.1	1162.4	1243.0	1314.9	1381.7	1453.7	1516.2	1566.4
45°	987.4	1073.9	1162.8	1265.2	1359.6	1463.1	1559.0	1645.0	1747.1	1837.1	1909.5
42.5°	1113.4	1228.7	1345.6	1474.6	1599.8	1731.3	1870.9	1994.8	2130.2	2259.3	2363.6
40°	1269.7	1407.5	1564.0	1720.2	1900.0	2068.8	2272.2	2457.0	2624.9	2778.8	2905.0
37.5°	1443.3	1620.7	1817.5	2020.9	2266.8	2507.8	2745.9	2970.7	3169.1	3337.6	3479.0
35°	1640.4	1865.9	2104.2	2401.1	2689.2	2977.9	3246.8	3492.5	3708.4	3898.5	4060.2
32.5°	1867.2	2137.8	2471.3	2804.9	3133.6	3451.4	3746.7	4014.7	4251.4	4464.8	4650.7
30°	2105.6	2474.9	2849.2	3215.2	3574.1	3922.2	4246.3	4541.4	4808.9	5046.5	5260.7
27.5°	2408.6	2817.8	3225.9	3620.4	4015.3	4396.4	4747.5	5075.4	5382.3	5650.9	5895.7
25°	2701.6	3153.6	3587.5	4017.7	4447.6	4856.6	5249.3	5619.6	5971.2	6279.4	6552.7
22.5°	2994.6	3467.7	3931.4	4393.9	4855.7	5311.7	5752.6	6176.9	6570.0	6921.0	7228.7
20°	3265.9	3760.5	4256.3	4755.0	5255.6	5754.7	6249.9	6727.4	7165.3	7570.6	7926.7
17.5°	3509.2	4035.2	4560.9	5094.3	5636.9	6178.8	6728.9	7264.2	7764.8	8225.9	8639.0
15°	3724.6	4273.5	4838.1	5413.7	5996.3	6584.9	7185.1	7784.0	8347.5	8871.3	9332.4
12.5°	3912.9	4483.6	5075.4	5686.9	6319.3	6960.5	7615.6	8272.0	8895.9	9500.6	9998.5
10°	4068.3	4662.3	5280.8	5923.4	6590.2	7280.4	7983.2	8689.8	9377.2	10018.6	10588.0
7.5°	4188.4	4804.6	5441.9	6110.2	6809.9	7537.6	8282.1	9032.0	9765.6	10456.7	11086.7
5°	4273.1	4908.1	5553.5	6248.7	6972.6	7726.8	8500.5	9282.0	10048.9	10775.5	11428.5
2.5°	4322.2	4970.3	5618.5	6332.9	7069.4	7841.2	8636.0	9430.3	10217.4	10971.0	11642.1
0°	4335.2	4989.0	5655.7	6341.8	7099.9	7894.8	8661.1	9457.9	10275.8	11019.1	11687.7
-2.5°	4322.2	4970.3	5618.5	6332.9	7069.4	7841.2	8636.0	9430.3	10217.4	10971.0	11642.1
-5°	4273.1	4908.1	5553.5	6248.7	6972.6	7726.8	8500.5	9282.0	10048.9	10775.5	11428.5
-7.5°	4188.4	4804.6	5441.9	6110.2	6809.9	7537.6	8282.1	9032.0	9765.6	10456.7	11086.7
-10°	4068.3	4662.3	5280.8	5923.4	6590.2	7280.4	7983.2	8689.8	9377.2	10018.6	10588.0
-12.5°	3912.9	4483.6	5075.4	5686.9	6319.3	6960.5	7615.6	8272.0	8895.9	9500.6	9998.5
-15°	3724.6	4273.5	4838.1	5413.7	5996.3	6584.9	7185.1	7784.0	8347.5	8871.3	9332.4
-17.5°	3509.2	4035.2	4560.9	5094.3	5636.9	6178.8	6728.9	7264.2	7764.8	8225.9	8639.0
-20°	3265.9	3760.5	4256.3	4755.0	5255.6	5754.7	6249.9	6727.4	7165.3	7570.6	7926.7



REPORT NUMBER: P627133 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA3C-722-U-WR-XX

CANDELA DISTRIBUTION (continued):

	-35°	-32.5°	-30°	-27.5°	-25°	-22.5°	-20°	-17.5°	-15°	-12.5°	-10°
-22.5°	2994.6	3467.7	3931.4	4393.9	4855.7	5311.7	5752.6	6176.9	6570.0	6921.0	7228.7
-25°	2701.6	3153.6	3587.5	4017.7	4447.6	4856.6	5249.3	5619.6	5971.2	6279.4	6552.7
-27.5°	2408.6	2817.8	3225.9	3620.4	4015.3	4396.4	4747.5	5075.4	5382.3	5650.9	5895.7
-30°	2105.6	2474.9	2849.2	3215.2	3574.1	3922.2	4246.3	4541.4	4808.9	5046.5	5260.7
-32.5°	1867.2	2137.8	2471.3	2804.9	3133.6	3451.4	3746.7	4014.7	4251.4	4464.8	4650.7
-35°	1640.4	1865.9	2104.2	2401.1	2689.2	2977.9	3246.8	3492.5	3708.4	3898.5	4060.2
-37.5°	1443.3	1620.7	1817.5	2020.9	2266.8	2507.8	2745.9	2970.7	3169.1	3337.6	3479.0
-40°	1269.7	1407.5	1564.0	1720.2	1900.0	2068.8	2272.2	2457.0	2624.9	2778.8	2905.0
-42.5°	1113.4	1228.7	1345.6	1474.6	1599.8	1731.3	1870.9	1994.8	2130.2	2259.3	2363.6
-45°	987.4	1073.9	1162.8	1265.2	1359.6	1463.1	1559.0	1645.0	1747.1	1837.1	1909.5
-47.5°	873.7	941.6	1015.2	1088.1	1162.4	1243.0	1314.9	1381.7	1453.7	1516.2	1566.4
-50°	771.5	826.6	886.0	941.0	1000.9	1059.8	1114.2	1166.8	1218.3	1262.9	1298.9
-52.5°	681.7	728.6	773.6	818.0	865.5	908.3	946.6	990.3	1029.0	1061.1	1086.0
-55°	606.5	642.6	676.6	714.4	751.0	784.4	815.1	846.6	875.0	900.0	919.8
-57.5°	536.7	566.3	594.9	624.6	652.6	678.8	704.3	727.8	748.1	765.3	779.3
-60°	472.4	496.7	521.9	545.3	567.0	587.0	607.6	625.9	641.9	655.3	665.3
-62.5°	412.1	434.3	452.8	471.2	490.1	508.5	520.1	531.6	542.9	553.6	562.6
-65°	349.5	367.7	384.0	397.7	409.3	422.6	434.4	443.4	449.7	454.5	458.6
-67.5°	296.3	308.5	320.4	330.6	341.2	351.2	360.0	367.3	373.1	377.0	379.1
-70°	249.0	259.2	269.3	278.6	287.6	294.7	300.2	305.0	309.0	309.8	309.4
-72.5°	206.3	216.2	225.7	234.7	242.7	247.9	251.3	254.2	256.4	249.4	239.4
-75°	167.5	176.9	185.7	193.8	201.3	205.3	207.6	209.5	211.0	198.8	182.7
-77.5°	133.5	141.4	147.6	153.8	159.9	162.2	163.2	164.1	164.7	152.5	137.5
-80°	96.0	102.0	107.0	111.8	116.3	117.4	117.4	116.8	115.5	105.7	94.5
-82.5°	61.0	63.8	66.3	68.8	71.3	73.0	74.3	75.2	75.8	68.6	60.5
-85°	30.0	30.7	31.0	31.2	31.2	32.2	33.2	34.0	34.8	31.5	27.9
-87.5°	6.8	6.6	6.4	6.2	5.9	5.8	5.6	5.5	5.3	4.9	4.5
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



REPORT NUMBER: P627133 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA3C-722-U-WR-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°	4.1	3.7	3.2	2.8	3.2	3.7	4.1	4.5	4.9	5.3	5.5
85°	24.1	20.2	19.8	19.4	19.8	20.2	24.1	27.9	31.5	34.8	34.0
82.5°	52.0	43.2	41.9	40.6	41.9	43.2	52.0	60.5	68.6	75.8	75.2
80°	82.9	71.0	68.6	66.4	68.6	71.0	82.9	94.5	105.7	115.5	116.8
77.5°	121.7	105.3	100.5	95.9	100.5	105.3	121.7	137.5	152.5	164.7	164.1
75°	166.0	148.7	142.9	137.4	142.9	148.7	166.0	182.7	198.8	211.0	209.5
72.5°	229.2	218.7	208.1	196.4	208.1	218.7	229.2	239.4	249.4	256.4	254.2
70°	309.1	308.4	305.7	301.6	305.7	308.4	309.1	309.4	309.8	309.0	305.0
67.5°	380.1	379.8	380.7	380.9	380.7	379.8	380.1	379.1	377.0	373.1	367.3
65°	461.2	462.0	464.0	464.8	464.0	462.0	461.2	458.6	454.5	449.7	443.4
62.5°	569.6	574.3	576.6	576.4	576.6	574.3	569.6	562.6	553.6	542.9	531.6
60°	672.7	677.6	680.7	681.5	680.7	677.6	672.7	665.3	655.3	641.9	625.9
57.5°	790.4	798.4	802.6	803.2	802.6	798.4	790.4	779.3	765.3	748.1	727.8
55°	935.0	945.7	950.4	949.8	950.4	945.7	935.0	919.8	900.0	875.0	846.6
52.5°	1104.8	1117.8	1127.5	1133.4	1127.5	1117.8	1104.8	1086.0	1061.1	1029.0	990.3
50°	1326.0	1344.5	1356.3	1361.1	1356.3	1344.5	1326.0	1298.9	1262.9	1218.3	1166.8
47.5°	1602.6	1627.2	1645.4	1658.1	1645.4	1627.2	1602.6	1566.4	1516.2	1453.7	1381.7
45°	1963.0	2000.5	2025.9	2040.8	2025.9	2000.5	1963.0	1909.5	1837.1	1747.1	1645.0
42.5°	2445.1	2503.2	2538.9	2552.6	2538.9	2503.2	2445.1	2363.6	2259.3	2130.2	1994.8
40°	3004.7	3074.5	3120.3	3152.0	3120.3	3074.5	3004.7	2905.0	2778.8	2624.9	2457.0
37.5°	3587.4	3660.8	3705.4	3735.7	3705.4	3660.8	3587.4	3479.0	3337.6	3169.1	2970.7
35°	4182.0	4258.8	4300.7	4324.1	4300.7	4258.8	4182.0	4060.2	3898.5	3708.4	3492.5
32.5°	4792.4	4877.0	4922.6	4969.6	4922.6	4877.0	4792.4	4650.7	4464.8	4251.4	4014.7
30°	5429.9	5527.1	5574.7	5597.6	5574.7	5527.1	5429.9	5260.7	5046.5	4808.9	4541.4
27.5°	6093.3	6214.4	6274.0	6313.2	6274.0	6214.4	6093.3	5895.7	5650.9	5382.3	5075.4
25°	6783.5	6933.6	7001.8	7063.0	7001.8	6933.6	6783.5	6552.7	6279.4	5971.2	5619.6
22.5°	7499.7	7686.5	7765.6	7809.0	7765.6	7686.5	7499.7	7228.7	6921.0	6570.0	6176.9
20°	8234.6	8457.8	8567.7	8624.2	8567.7	8457.8	8234.6	7926.7	7570.6	7165.3	6727.4
17.5°	8986.0	9263.7	9405.8	9438.5	9405.8	9263.7	8986.0	8639.0	8225.9	7764.8	7264.2
15°	9723.7	10024.0	10192.1	10253.7	10192.1	10024.0	9723.7	9332.4	8871.3	8347.5	7784.0
12.5°	10422.3	10733.6	10934.4	10970.2	10934.4	10733.6	10422.3	9998.5	9500.6	8895.9	8272.0
10°	11055.9	11378.4	11600.2	11650.8	11600.2	11378.4	11055.9	10588.0	10018.6	9377.2	8689.8
7.5°	11585.6	11939.4	12184.5	12227.2	12184.5	11939.4	11585.6	11086.7	10456.7	9765.6	9032.0
5°	11973.1	12393.2	12594.4	12644.9	12594.4	12393.2	11973.1	11428.5	10775.5	10048.9	9282.0
2.5°	12185.7	12613.4	12893.0	12860.7	12893.0	12613.4	12185.7	11642.1	10971.0	10217.4	9430.3
0°	12209.7	12656.9	12924.3	13047.9	12924.3	12656.9	12209.7	11687.7	11019.1	10275.8	9457.9
-2.5°	12185.7	12613.4	12893.0	12860.7	12893.0	12613.4	12185.7	11642.1	10971.0	10217.4	9430.3
-5°	11973.1	12393.2	12594.4	12644.9	12594.4	12393.2	11973.1	11428.5	10775.5	10048.9	9282.0
-7.5°	11585.6	11939.4	12184.5	12227.2	12184.5	11939.4	11585.6	11086.7	10456.7	9765.6	9032.0
-10°	11055.9	11378.4	11600.2	11650.8	11600.2	11378.4	11055.9	10588.0	10018.6	9377.2	8689.8
-12.5°	10422.3	10733.6	10934.4	10970.2	10934.4	10733.6	10422.3	9998.5	9500.6	8895.9	8272.0
-15°	9723.7	10024.0	10192.1	10253.7	10192.1	10024.0	9723.7	9332.4	8871.3	8347.5	7784.0
-17.5°	8986.0	9263.7	9405.8	9438.5	9405.8	9263.7	8986.0	8639.0	8225.9	7764.8	7264.2
-20°	8234.6	8457.8	8567.7	8624.2	8567.7	8457.8	8234.6	7926.7	7570.6	7165.3	6727.4



REPORT NUMBER: P627133 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA3C-722-U-WR-XX

CANDELA DISTRIBUTION (continued):

	-7.5°	-5°	-2.5°	0°	2.5°	5°	7.5°	10°	12.5°	15°	17.5°
-22.5°	7499.7	7686.5	7765.6	7809.0	7765.6	7686.5	7499.7	7228.7	6921.0	6570.0	6176.9
-25°	6783.5	6933.6	7001.8	7063.0	7001.8	6933.6	6783.5	6552.7	6279.4	5971.2	5619.6
-27.5°	6093.3	6214.4	6274.0	6313.2	6274.0	6214.4	6093.3	5895.7	5650.9	5382.3	5075.4
-30°	5429.9	5527.1	5574.7	5597.6	5574.7	5527.1	5429.9	5260.7	5046.5	4808.9	4541.4
-32.5°	4792.4	4877.0	4922.6	4969.6	4922.6	4877.0	4792.4	4650.7	4464.8	4251.4	4014.7
-35°	4182.0	4258.8	4300.7	4324.1	4300.7	4258.8	4182.0	4060.2	3898.5	3708.4	3492.5
-37.5°	3587.4	3660.8	3705.4	3735.7	3705.4	3660.8	3587.4	3479.0	3337.6	3169.1	2970.7
-40°	3004.7	3074.5	3120.3	3152.0	3120.3	3074.5	3004.7	2905.0	2778.8	2624.9	2457.0
-42.5°	2445.1	2503.2	2538.9	2552.6	2538.9	2503.2	2445.1	2363.6	2259.3	2130.2	1994.8
-45°	1963.0	2000.5	2025.9	2040.8	2025.9	2000.5	1963.0	1909.5	1837.1	1747.1	1645.0
-47.5°	1602.6	1627.2	1645.4	1658.1	1645.4	1627.2	1602.6	1566.4	1516.2	1453.7	1381.7
-50°	1326.0	1344.5	1356.3	1361.1	1356.3	1344.5	1326.0	1298.9	1262.9	1218.3	1166.8
-52.5°	1104.8	1117.8	1127.5	1133.4	1127.5	1117.8	1104.8	1086.0	1061.1	1029.0	990.3
-55°	935.0	945.7	950.4	949.8	950.4	945.7	935.0	919.8	900.0	875.0	846.6
-57.5°	790.4	798.4	802.6	803.2	802.6	798.4	790.4	779.3	765.3	748.1	727.8
-60°	672.7	677.6	680.7	681.5	680.7	677.6	672.7	665.3	655.3	641.9	625.9
-62.5°	569.6	574.3	576.6	576.4	576.6	574.3	569.6	562.6	553.6	542.9	531.6
-65°	461.2	462.0	464.0	464.8	464.0	462.0	461.2	458.6	454.5	449.7	443.4
-67.5°	380.1	379.8	380.7	380.9	380.7	379.8	380.1	379.1	377.0	373.1	367.3
-70°	309.1	308.4	305.7	301.6	305.7	308.4	309.1	309.4	309.8	309.0	305.0
-72.5°	229.2	218.7	208.1	196.4	208.1	218.7	229.2	239.4	249.4	256.4	254.2
-75°	166.0	148.7	142.9	137.4	142.9	148.7	166.0	182.7	198.8	211.0	209.5
-77.5°	121.7	105.3	100.5	95.9	100.5	105.3	121.7	137.5	152.5	164.7	164.1
-80°	82.9	71.0	68.6	66.4	68.6	71.0	82.9	94.5	105.7	115.5	116.8
-82.5°	52.0	43.2	41.9	40.6	41.9	43.2	52.0	60.5	68.6	75.8	75.2
-85°	24.1	20.2	19.8	19.4	19.8	20.2	24.1	27.9	31.5	34.8	34.0
-87.5°	4.1	3.7	3.2	2.8	3.2	3.7	4.1	4.5	4.9	5.3	5.5
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



REPORT NUMBER: P627133 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA3C-722-U-WR-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°	5.6	5.8	5.9	6.2	6.4	6.6	6.8	6.6	6.4	6.1	5.9
85°	33.2	32.2	31.2	31.2	31.0	30.7	30.0	26.9	23.9	21.1	18.7
82.5°	74.3	73.0	71.3	68.8	66.3	63.8	61.0	54.5	48.3	42.3	37.4
80°	117.4	117.4	116.3	111.8	107.0	102.0	96.0	85.7	75.8	66.6	60.1
77.5°	163.2	162.2	159.9	153.8	147.6	141.4	133.5	120.2	107.0	94.2	86.0
75°	207.6	205.3	201.3	193.8	185.7	176.9	167.5	156.1	142.9	128.0	117.1
72.5°	251.3	247.9	242.7	234.7	225.7	216.2	206.3	195.1	182.2	167.5	156.5
70°	300.2	294.7	287.6	278.6	269.3	259.2	249.0	237.5	224.1	209.5	197.9
67.5°	360.0	351.2	341.2	330.6	320.4	308.5	296.3	283.2	269.7	254.3	239.7
65°	434.4	422.6	409.3	397.7	384.0	367.7	349.5	333.6	317.8	300.6	281.4
62.5°	520.1	508.5	490.1	471.2	452.8	434.3	412.1	389.9	368.4	346.7	324.3
60°	607.6	587.0	567.0	545.3	521.9	496.7	472.4	447.0	420.4	394.3	367.6
57.5°	704.3	678.8	652.6	624.6	594.9	566.3	536.7	505.1	474.9	443.3	411.4
55°	815.1	784.4	751.0	714.4	676.6	642.6	606.5	570.2	533.5	493.8	458.5
52.5°	946.6	908.3	865.5	818.0	773.6	728.6	681.7	640.5	595.7	551.5	507.6
50°	1114.2	1059.8	1000.9	941.0	886.0	826.6	771.5	717.3	663.1	611.9	560.8
47.5°	1314.9	1243.0	1162.4	1088.1	1015.2	941.6	873.7	802.1	739.9	675.5	618.7
45°	1559.0	1463.1	1359.6	1265.2	1162.8	1073.9	987.4	905.0	823.3	750.5	678.0
42.5°	1870.9	1731.3	1599.8	1474.6	1345.6	1228.7	1113.4	1015.9	920.0	829.9	748.1
40°	2272.2	2068.8	1900.0	1720.2	1564.0	1407.5	1269.7	1134.5	1025.5	918.8	819.0
37.5°	2745.9	2507.8	2266.8	2020.9	1817.5	1620.7	1443.3	1284.2	1135.9	1014.6	899.5
35°	3246.8	2977.9	2689.2	2401.1	2104.2	1865.9	1640.4	1444.3	1271.4	1114.9	982.2
32.5°	3746.7	3451.4	3133.6	2804.9	2471.3	2137.8	1867.2	1624.3	1407.8	1229.7	1072.7
30°	4246.3	3922.2	3574.1	3215.2	2849.2	2474.9	2105.6	1821.8	1567.7	1344.3	1163.7
27.5°	4747.5	4396.4	4015.3	3620.4	3225.9	2817.8	2408.6	2025.7	1728.8	1476.3	1263.6
25°	5249.3	4856.6	4447.6	4017.7	3587.5	3153.6	2701.6	2274.7	1909.5	1608.5	1355.6
22.5°	5752.6	5311.7	4855.7	4393.9	3931.4	3467.7	2994.6	2518.7	2080.7	1742.8	1463.4
20°	6249.9	5754.7	5255.6	4755.0	4256.3	3760.5	3265.9	2757.9	2281.9	1882.0	1563.9
17.5°	6728.9	6178.8	5636.9	5094.3	4560.9	4035.2	3509.2	2978.7	2461.7	2005.8	1652.7
15°	7185.1	6584.9	5996.3	5413.7	4838.1	4273.5	3724.6	3172.5	2625.1	2135.0	1750.1
12.5°	7615.6	6960.5	6319.3	5686.9	5075.4	4483.6	3912.9	3342.6	2779.0	2260.8	1836.9
10°	7983.2	7280.4	6590.2	5923.4	5280.8	4662.3	4068.3	3486.6	2911.0	2365.5	1907.8
7.5°	8282.1	7537.6	6809.9	6110.2	5441.9	4804.6	4188.4	3597.0	3015.4	2447.3	1962.6
5°	8500.5	7726.8	6972.6	6248.7	5553.5	4908.1	4273.1	3672.5	3091.1	2505.5	2000.9
2.5°	8636.0	7841.2	7069.4	6332.9	5618.5	4970.3	4322.2	3718.2	3134.4	2537.5	2025.0
0°	8661.1	7894.8	7099.9	6341.8	5655.7	4989.0	4335.2	3734.8	3145.6	2544.3	2032.5
-2.5°	8636.0	7841.2	7069.4	6332.9	5618.5	4970.3	4322.2	3718.2	3134.4	2537.5	2025.0
-5°	8500.5	7726.8	6972.6	6248.7	5553.5	4908.1	4273.1	3672.5	3091.1	2505.5	2000.9
-7.5°	8282.1	7537.6	6809.9	6110.2	5441.9	4804.6	4188.4	3597.0	3015.4	2447.3	1962.6
-10°	7983.2	7280.4	6590.2	5923.4	5280.8	4662.3	4068.3	3486.6	2911.0	2365.5	1907.8
-12.5°	7615.6	6960.5	6319.3	5686.9	5075.4	4483.6	3912.9	3342.6	2779.0	2260.8	1836.9
-15°	7185.1	6584.9	5996.3	5413.7	4838.1	4273.5	3724.6	3172.5	2625.1	2135.0	1750.1
-17.5°	6728.9	6178.8	5636.9	5094.3	4560.9	4035.2	3509.2	2978.7	2461.7	2005.8	1652.7
-20°	6249.9	5754.7	5255.6	4755.0	4256.3	3760.5	3265.9	2757.9	2281.9	1882.0	1563.9



REPORT NUMBER: P627133 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA3C-722-U-WR-XX

CANDELA DISTRIBUTION (continued):

	20°	22.5°	25°	27.5°	30°	32.5°	35°	37.5°	40°	42.5°	45°
-22.5°	5752.6	5311.7	4855.7	4393.9	3931.4	3467.7	2994.6	2518.7	2080.7	1742.8	1463.4
-25°	5249.3	4856.6	4447.6	4017.7	3587.5	3153.6	2701.6	2274.7	1909.5	1608.5	1355.6
-27.5°	4747.5	4396.4	4015.3	3620.4	3225.9	2817.8	2408.6	2025.7	1728.8	1476.3	1263.6
-30°	4246.3	3922.2	3574.1	3215.2	2849.2	2474.9	2105.6	1821.8	1567.7	1344.3	1163.7
-32.5°	3746.7	3451.4	3133.6	2804.9	2471.3	2137.8	1867.2	1624.3	1407.8	1229.7	1072.7
-35°	3246.8	2977.9	2689.2	2401.1	2104.2	1865.9	1640.4	1444.3	1271.4	1114.9	982.2
-37.5°	2745.9	2507.8	2266.8	2020.9	1817.5	1620.7	1443.3	1284.2	1135.9	1014.6	899.5
-40°	2272.2	2068.8	1900.0	1720.2	1564.0	1407.5	1269.7	1134.5	1025.5	918.8	819.0
-42.5°	1870.9	1731.3	1599.8	1474.6	1345.6	1228.7	1113.4	1015.9	920.0	829.9	748.1
-45°	1559.0	1463.1	1359.6	1265.2	1162.8	1073.9	987.4	905.0	823.3	750.5	678.0
-47.5°	1314.9	1243.0	1162.4	1088.1	1015.2	941.6	873.7	802.1	739.9	675.5	618.7
-50°	1114.2	1059.8	1000.9	941.0	886.0	826.6	771.5	717.3	663.1	611.9	560.8
-52.5°	946.6	908.3	865.5	818.0	773.6	728.6	681.7	640.5	595.7	551.5	507.6
-55°	815.1	784.4	751.0	714.4	676.6	642.6	606.5	570.2	533.5	493.8	458.5
-57.5°	704.3	678.8	652.6	624.6	594.9	566.3	536.7	505.1	474.9	443.3	411.4
-60°	607.6	587.0	567.0	545.3	521.9	496.7	472.4	447.0	420.4	394.3	367.6
-62.5°	520.1	508.5	490.1	471.2	452.8	434.3	412.1	389.9	368.4	346.7	324.3
-65°	434.4	422.6	409.3	397.7	384.0	367.7	349.5	333.6	317.8	300.6	281.4
-67.5°	360.0	351.2	341.2	330.6	320.4	308.5	296.3	283.2	269.7	254.3	239.7
-70°	300.2	294.7	287.6	278.6	269.3	259.2	249.0	237.5	224.1	209.5	197.9
-72.5°	251.3	247.9	242.7	234.7	225.7	216.2	206.3	195.1	182.2	167.5	156.5
-75°	207.6	205.3	201.3	193.8	185.7	176.9	167.5	156.1	142.9	128.0	117.1
-77.5°	163.2	162.2	159.9	153.8	147.6	141.4	133.5	120.2	107.0	94.2	86.0
-80°	117.4	117.4	116.3	111.8	107.0	102.0	96.0	85.7	75.8	66.6	60.1
-82.5°	74.3	73.0	71.3	68.8	66.3	63.8	61.0	54.5	48.3	42.3	37.4
-85°	33.2	32.2	31.2	31.2	31.0	30.7	30.0	26.9	23.9	21.1	18.7
-87.5°	5.6	5.8	5.9	6.2	6.4	6.6	6.8	6.6	6.4	6.1	5.9
-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: P627133 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA3C-722-U-WR-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°	6.5	7.1	7.6	7.9	8.2	8.3	8.3	8.2	7.9	7.4	6.9
85°	19.6	19.9	19.9	19.3	18.0	16.6	16.7	16.4	15.7	14.8	13.7
82.5°	38.8	40.0	40.7	40.4	37.9	35.3	32.5	29.5	26.3	22.7	20.6
80°	62.4	63.8	64.2	63.1	58.7	53.9	49.8	45.5	41.3	36.6	31.3
77.5°	87.8	88.8	89.1	87.4	81.8	75.7	69.1	62.2	56.3	50.4	43.8
75°	115.1	115.5	115.2	112.3	105.3	97.4	89.4	80.8	72.2	64.2	56.3
72.5°	150.6	145.8	142.2	137.4	129.7	120.8	110.7	99.2	88.3	78.1	68.5
70°	187.7	177.5	169.5	162.2	153.8	144.4	133.1	118.7	104.2	91.7	80.1
67.5°	226.5	213.8	201.0	187.7	177.3	166.7	155.2	138.0	120.5	105.1	91.5
65°	264.2	248.6	234.1	216.8	201.6	188.7	175.7	156.2	136.2	118.3	102.6
62.5°	302.2	281.2	263.1	244.4	226.1	210.0	195.4	173.2	151.3	130.9	113.1
60°	341.3	316.6	292.0	270.3	249.7	230.2	212.1	189.6	166.0	143.0	123.1
57.5°	381.7	352.1	324.0	297.0	272.9	250.5	228.0	204.8	180.1	155.2	132.0
55°	422.6	389.2	356.1	325.1	296.6	271.1	244.6	219.3	193.6	167.2	139.1
52.5°	466.4	427.2	389.9	353.8	321.1	291.1	262.4	233.5	206.5	178.6	147.0
50°	512.8	467.6	424.9	384.5	345.5	312.1	279.6	249.0	219.1	189.7	154.3
47.5°	561.6	510.4	461.9	415.5	373.1	332.4	297.7	264.3	231.3	200.6	161.0
45°	615.3	554.4	499.8	448.9	399.6	355.4	315.6	279.0	244.6	208.4	167.0
42.5°	669.3	601.9	539.1	481.3	428.5	378.6	332.7	294.3	257.3	215.6	172.8
40°	731.6	650.5	578.6	516.0	457.1	400.8	352.4	309.1	269.2	222.7	178.5
37.5°	792.3	702.7	621.8	549.1	485.2	425.8	371.4	323.2	278.6	230.5	183.6
35°	863.8	756.7	662.9	584.1	514.1	449.7	389.3	337.5	288.9	237.9	188.2
32.5°	933.3	811.6	709.2	620.0	541.4	472.3	408.3	352.2	299.3	245.0	192.2
30°	1009.6	871.3	752.8	653.6	568.6	495.5	427.5	366.0	309.9	251.7	196.2
27.5°	1082.9	926.4	795.3	689.2	597.3	517.2	445.2	379.0	320.5	258.7	201.0
25°	1155.6	985.9	842.0	723.1	623.6	536.9	461.4	391.1	330.9	266.5	205.4
22.5°	1234.4	1043.4	884.2	753.6	647.4	554.9	476.9	404.3	340.4	274.0	209.2
20°	1306.9	1095.4	921.8	782.8	671.1	574.4	491.5	416.2	349.0	281.0	212.4
17.5°	1375.3	1148.2	963.8	814.3	693.5	591.6	504.3	426.6	356.5	287.5	215.0
15°	1447.1	1200.7	1001.6	841.6	712.9	606.4	515.3	435.5	363.0	293.3	217.5
12.5°	1508.4	1245.1	1033.4	864.6	729.2	618.8	524.4	443.0	368.4	298.2	219.7
10°	1558.9	1281.2	1059.0	883.2	742.3	628.7	531.7	449.0	373.0	302.0	221.0
7.5°	1598.2	1308.7	1078.4	897.2	752.4	636.5	537.8	453.7	376.5	304.7	221.2
5°	1625.7	1327.9	1092.6	907.1	760.0	642.0	542.1	456.8	378.8	306.2	220.6
2.5°	1640.1	1338.8	1101.4	912.3	764.3	645.0	544.5	458.4	380.0	306.4	219.1
0°	1642.4	1340.8	1103.8	913.0	765.4	645.5	545.0	458.3	379.9	305.2	216.7
-2.5°	1640.1	1338.8	1101.4	912.3	764.3	645.0	544.5	458.4	380.0	306.4	219.1
-5°	1625.7	1327.9	1092.6	907.1	760.0	642.0	542.1	456.8	378.8	306.2	220.6
-7.5°	1598.2	1308.7	1078.4	897.2	752.4	636.5	537.8	453.7	376.5	304.7	221.2
-10°	1558.9	1281.2	1059.0	883.2	742.3	628.7	531.7	449.0	373.0	302.0	221.0
-12.5°	1508.4	1245.1	1033.4	864.6	729.2	618.8	524.4	443.0	368.4	298.2	219.7
-15°	1447.1	1200.7	1001.6	841.6	712.9	606.4	515.3	435.5	363.0	293.3	217.5
-17.5°	1375.3	1148.2	963.8	814.3	693.5	591.6	504.3	426.6	356.5	287.5	215.0
-20°	1306.9	1095.4	921.8	782.8	671.1	574.4	491.5	416.2	349.0	281.0	212.4

Classified

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

Scaled Data Report



REPORT NUMBER: P627133 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA3C-722-U-WR-XX

CANDELA DISTRIBUTION (continued):

	47.5°	50°	52.5°	55°	57.5°	60°	62.5°	65°	67.5°	70°	72.5°
-22.5°	1234.4	1043.4	884.2	753.6	647.4	554.9	476.9	404.3	340.4	274.0	209.2
-25°	1155.6	985.9	842.0	723.1	623.6	536.9	461.4	391.1	330.9	266.5	205.4
-27.5°	1082.9	926.4	795.3	689.2	597.3	517.2	445.2	379.0	320.5	258.7	201.0
-30°	1009.6	871.3	752.8	653.6	568.6	495.5	427.5	366.0	309.9	251.7	196.2
-32.5°	933.3	811.6	709.2	620.0	541.4	472.3	408.3	352.2	299.3	245.0	192.2
-35°	863.8	756.7	662.9	584.1	514.1	449.7	389.3	337.5	288.9	237.9	188.2
-37.5°	792.3	702.7	621.8	549.1	485.2	425.8	371.4	323.2	278.6	230.5	183.6
-40°	731.6	650.5	578.6	516.0	457.1	400.8	352.4	309.1	269.2	222.7	178.5
-42.5°	669.3	601.9	539.1	481.3	428.5	378.6	332.7	294.3	257.3	215.6	172.8
-45°	615.3	554.4	499.8	448.9	399.6	355.4	315.6	279.0	244.6	208.4	167.0
-47.5°	561.6	510.4	461.9	415.5	373.1	332.4	297.7	264.3	231.3	200.6	161.0
-50°	512.8	467.6	424.9	384.5	345.5	312.1	279.6	249.0	219.1	189.7	154.3
-52.5°	466.4	427.2	389.9	353.8	321.1	291.1	262.4	233.5	206.5	178.6	147.0
-55°	422.6	389.2	356.1	325.1	296.6	271.1	244.6	219.3	193.6	167.2	139.1
-57.5°	381.7	352.1	324.0	297.0	272.9	250.5	228.0	204.8	180.1	155.2	132.0
-60°	341.3	316.6	292.0	270.3	249.7	230.2	212.1	189.6	166.0	143.0	123.1
-62.5°	302.2	281.2	263.1	244.4	226.1	210.0	195.4	173.2	151.3	130.9	113.1
-65°	264.2	248.6	234.1	216.8	201.6	188.7	175.7	156.2	136.2	118.3	102.6
-67.5°	226.5	213.8	201.0	187.7	177.3	166.7	155.2	138.0	120.5	105.1	91.5
-70°	187.7	177.5	169.5	162.2	153.8	144.4	133.1	118.7	104.2	91.7	80.1
-72.5°	150.6	145.8	142.2	137.4	129.7	120.8	110.7	99.2	88.3	78.1	68.5
-75°	115.1	115.5	115.2	112.3	105.3	97.4	89.4	80.8	72.2	64.2	56.3
-77.5°	87.8	88.8	89.1	87.4	81.8	75.7	69.1	62.2	56.3	50.4	43.8
-80°	62.4	63.8	64.2	63.1	58.7	53.9	49.8	45.5	41.3	36.6	31.3
-82.5°	38.8	40.0	40.7	40.4	37.9	35.3	32.5	29.5	26.3	22.7	20.6
-85°	19.6	19.9	19.9	19.3	18.0	16.6	16.7	16.4	15.7	14.8	13.7
-87.5°	6.5	7.1	7.6	7.9	8.2	8.3	8.3	8.2	7.9	7.4	6.9
-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: P627133 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA3C-722-U-WR-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°	6.2	4.8	3.6	2.5	1.5	0.7	0.0
85°	12.4	9.7	7.2	5.0	3.0	1.3	0.0
82.5°	18.5	14.4	10.8	7.5	4.6	2.0	0.0
80°	25.2	19.2	14.3	9.9	6.0	2.6	0.0
77.5°	35.9	24.9	17.7	12.3	7.5	3.3	0.0
75°	46.3	32.6	21.5	14.7	9.0	3.9	0.0
72.5°	56.4	40.0	26.6	17.0	10.4	4.5	0.0
70°	66.0	47.1	31.6	19.4	11.8	5.1	0.0
67.5°	74.3	53.9	36.3	22.5	13.1	5.7	0.0
65°	82.3	60.2	40.8	25.3	14.4	6.3	0.0
62.5°	89.8	65.9	45.0	28.1	15.7	6.9	0.0
60°	96.8	71.3	49.0	30.7	16.9	7.4	0.0
57.5°	103.1	76.4	52.7	33.1	18.3	8.0	0.0
55°	108.9	81.0	56.1	35.3	19.7	8.5	0.0
52.5°	114.2	85.2	59.3	37.3	21.1	9.0	0.0
50°	119.1	89.1	62.2	39.2	22.4	9.4	0.0
47.5°	123.6	92.6	64.7	40.8	23.6	9.9	0.0
45°	128.7	95.7	67.0	42.5	24.8	10.3	0.0
42.5°	133.2	98.4	68.9	44.0	25.9	10.7	0.0
40°	137.1	100.7	70.7	45.6	27.0	11.0	0.0
37.5°	140.5	102.5	72.3	47.2	27.9	11.3	0.0
35°	143.3	104.6	73.5	48.8	28.8	11.6	0.0
32.5°	145.9	106.6	74.5	50.1	29.6	11.9	0.0
30°	148.8	108.1	75.2	51.4	30.4	12.2	0.0
27.5°	151.1	109.2	76.8	52.5	31.1	12.4	0.0
25°	152.9	109.9	78.4	53.4	31.6	12.6	0.0
22.5°	154.2	110.8	79.7	54.2	32.2	12.7	0.0
20°	155.0	112.8	80.9	54.9	32.6	12.9	0.0
17.5°	156.7	114.4	81.9	55.5	32.9	13.0	0.0
15°	158.8	115.7	82.6	55.8	33.2	13.0	0.0
12.5°	160.3	116.6	83.2	56.1	33.4	13.1	0.0
10°	161.2	117.2	83.6	56.2	33.5	13.1	0.0
7.5°	161.6	117.5	83.8	56.2	33.6	13.1	0.0
5°	161.4	117.4	83.7	56.0	33.5	13.1	0.0
2.5°	160.7	117.0	83.5	55.7	33.4	13.0	0.0
0°	159.5	116.2	83.0	55.3	33.2	12.9	0.0
-2.5°	160.7	117.0	83.5	55.7	33.4	13.0	0.0
-5°	161.4	117.4	83.7	56.0	33.5	13.1	0.0
-7.5°	161.6	117.5	83.8	56.2	33.6	13.1	0.0
-10°	161.2	117.2	83.6	56.2	33.5	13.1	0.0
-12.5°	160.3	116.6	83.2	56.1	33.4	13.1	0.0
-15°	158.8	115.7	82.6	55.8	33.2	13.0	0.0
-17.5°	156.7	114.4	81.9	55.5	32.9	13.0	0.0
-20°	155.0	112.8	80.9	54.9	32.6	12.9	0.0

Classified

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

Scaled Data Report



REPORT NUMBER: P627133 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA3C-722-U-WR-XX

CANDELA DISTRIBUTION (continued):

	75°	77.5°	80°	82.5°	85°	87.5°	90°
-22.5°	154.2	110.8	79.7	54.2	32.2	12.7	0.0
-25°	152.9	109.9	78.4	53.4	31.6	12.6	0.0
-27.5°	151.1	109.2	76.8	52.5	31.1	12.4	0.0
-30°	148.8	108.1	75.2	51.4	30.4	12.2	0.0
-32.5°	145.9	106.6	74.5	50.1	29.6	11.9	0.0
-35°	143.3	104.6	73.5	48.8	28.8	11.6	0.0
-37.5°	140.5	102.5	72.3	47.2	27.9	11.3	0.0
-40°	137.1	100.7	70.7	45.6	27.0	11.0	0.0
-42.5°	133.2	98.4	68.9	44.0	25.9	10.7	0.0
-45°	128.7	95.7	67.0	42.5	24.8	10.3	0.0
-47.5°	123.6	92.6	64.7	40.8	23.6	9.9	0.0
-50°	119.1	89.1	62.2	39.2	22.4	9.4	0.0
-52.5°	114.2	85.2	59.3	37.3	21.1	9.0	0.0
-55°	108.9	81.0	56.1	35.3	19.7	8.5	0.0
-57.5°	103.1	76.4	52.7	33.1	18.3	8.0	0.0
-60°	96.8	71.3	49.0	30.7	16.9	7.4	0.0
-62.5°	89.8	65.9	45.0	28.1	15.7	6.9	0.0
-65°	82.3	60.2	40.8	25.3	14.4	6.3	0.0
-67.5°	74.3	53.9	36.3	22.5	13.1	5.7	0.0
-70°	66.0	47.1	31.6	19.4	11.8	5.1	0.0
-72.5°	56.4	40.0	26.6	17.0	10.4	4.5	0.0
-75°	46.3	32.6	21.5	14.7	9.0	3.9	0.0
-77.5°	35.9	24.9	17.7	12.3	7.5	3.3	0.0
-80°	25.2	19.2	14.3	9.9	6.0	2.6	0.0
-82.5°	18.5	14.4	10.8	7.5	4.6	2.0	0.0
-85°	12.4	9.7	7.2	5.0	3.0	1.3	0.0
-87.5°	6.2	4.8	3.6	2.5	1.5	0.7	0.0
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0

(END OF REPORT)