

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



Scaled data based on original data using  
LM-79-2019 Approved Method: Electrical and Photometric Measurements of Solid-  
State Lighting Products

Test Report Prepared for

Cooper Lighting Solutions

Brand: McGRAW-EDISON

Report Number: P645311 (CONVERTED FROM TYPE C PHOTOMETRY)

Luminaire Tested: GFLD-SA1B-730-U-LAM-VSR-XX

Issue Date: 2/28/2023

**Test Information**

Test Method: LM-79-2019  
Report Number: P645311 (CONVERTED FROM TYPE C PHOTOMETRY)  
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G2-2210-813-22)  
Test Lab: COOPER LIGHTING SOLUTIONS  
Issue Date: 5/4/2023  
Manufacturer: COOPER LIGHTING SOLUTIONS  
Product Line: MCGRAW-EDISON  
Catalog Number: GFLD-SA1B-730-U-LAM-VSR-XX  
Description: GALLEON FLOOD, ONE LIGHT SQAURE, LAMBERTIAN WITH VISOR  
Light Source: (16) 3000K CCT, 70 CRI LEDS  
Ballast/Driver: -

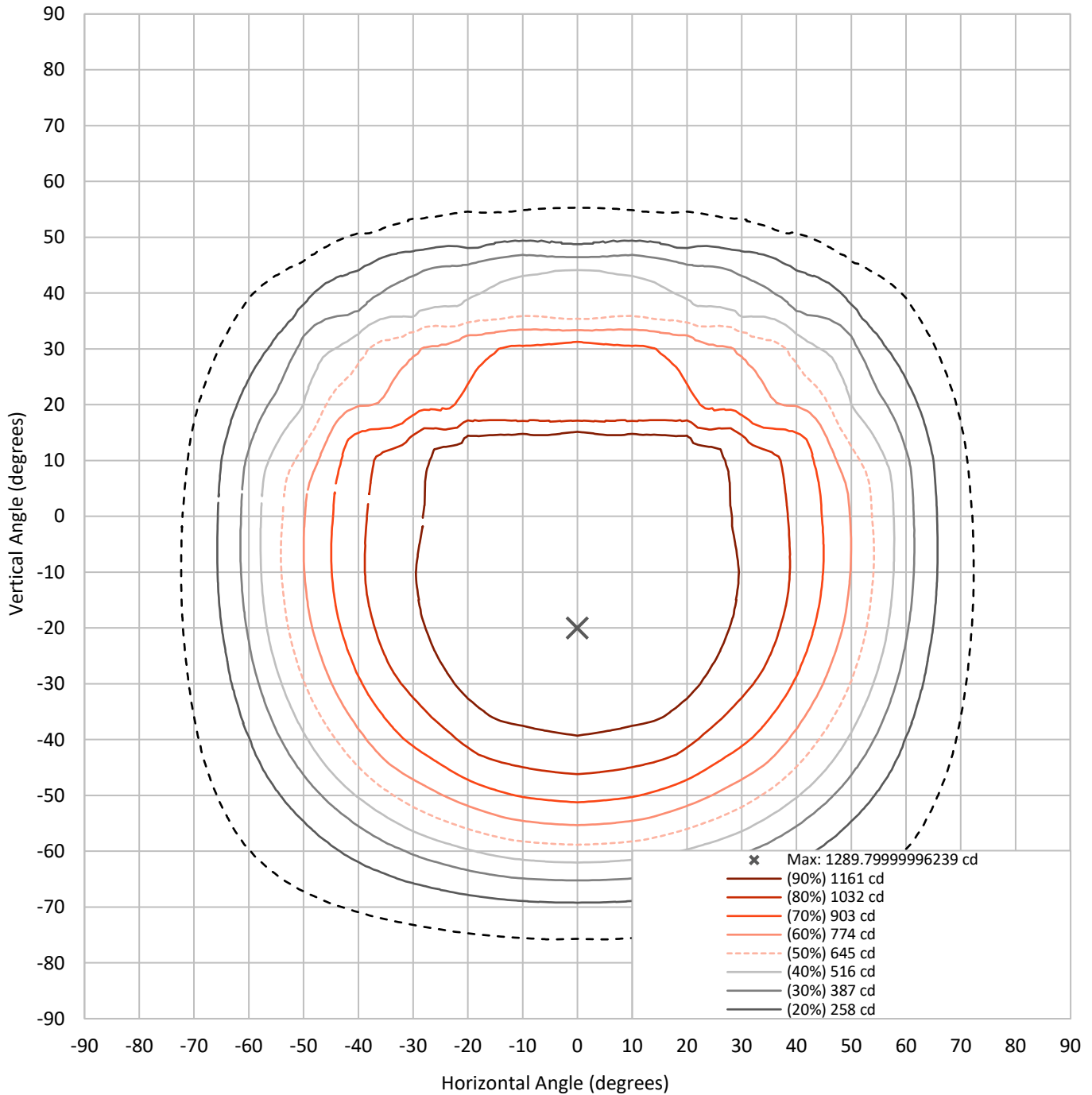
**Summary**

Lumens per Lamp:	N/A	NEMA Type:	7H x 7V
Luminaire Lumens:	3024.3 lumens	Max Intensity:	1289.8 candela
Efficiency:	N/A	Max Intensity Angle:	0°H x -20°V
Efficacy:	90.3 lumens/watt		
Luminous Opening:	Rectangular (W 0.5' x L: 0.5' x H: 0')		
Beam Angle (50%):	105.6°H x 93.7°V	Field Angle (10%):	144°H x 131.2°V
Beam Lumens:	2364.2 lumens	Field Lumens:	2964.2 lumens
Beam Efficiency:	78.2%	Field Efficiency:	98.0%
Input Watts (W):	33.5		
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: P645311 (CONVERTED FROM TYPE C PHOTOMETRY)  
CATALOG NUMBER: GFLD-SA1B-730-U-LAM-VSR-XX

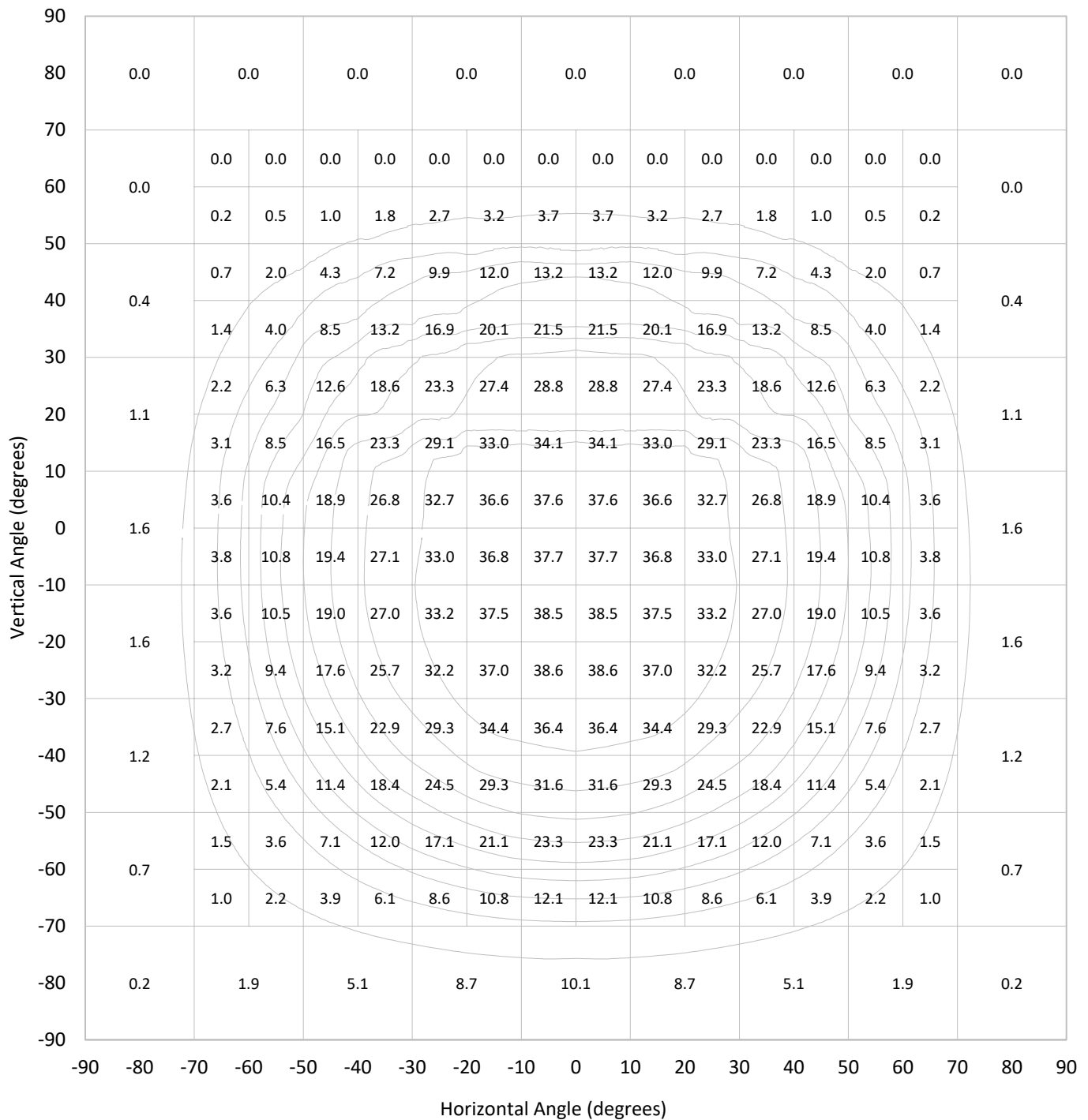
### Iso-Candela Plot





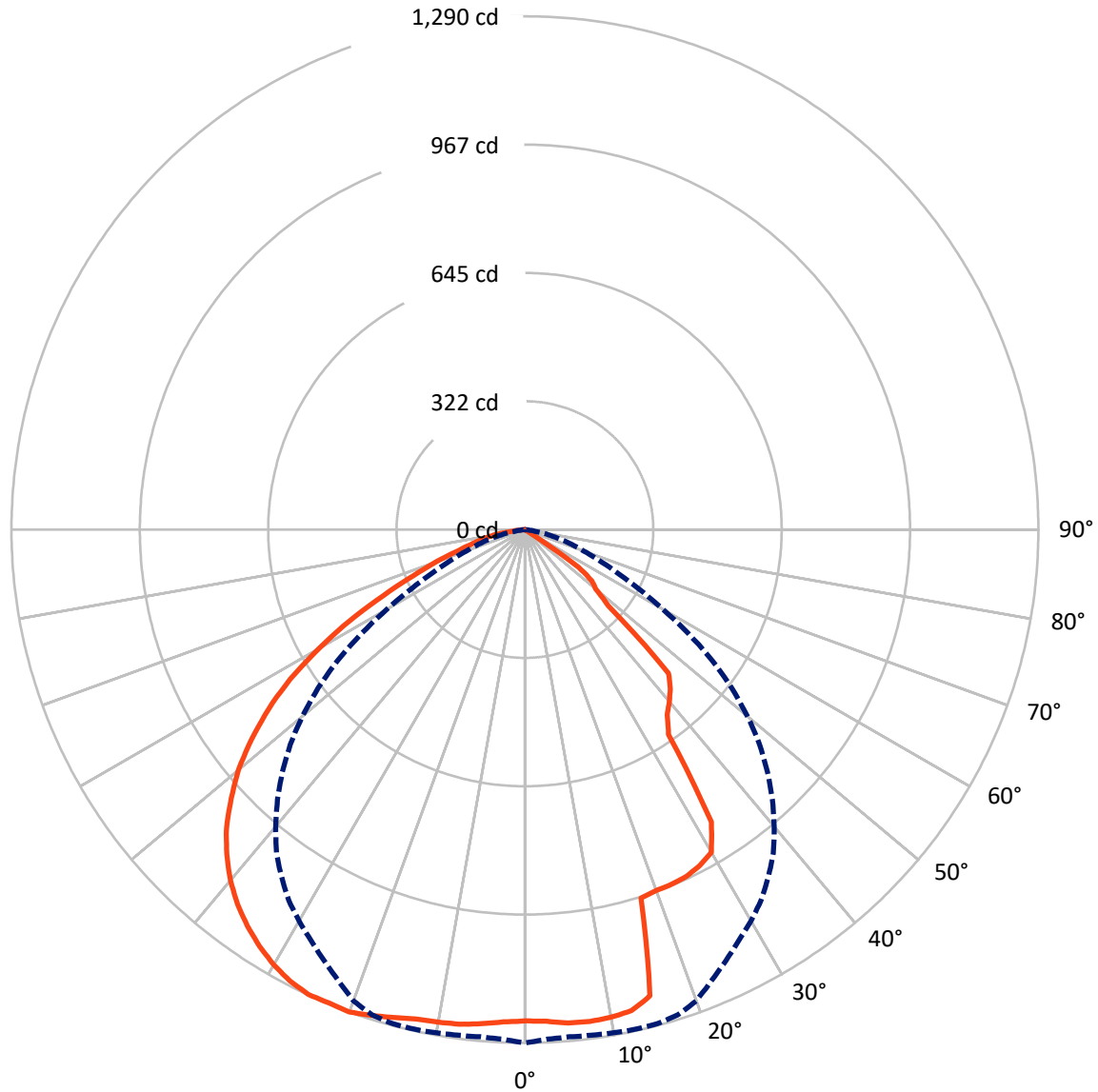
REPORT NUMBER: P645311 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: GFLD-SA1B-730-U-LAM-VSR-XX

### Lumen Table



REPORT NUMBER: P645311 (CONVERTED FROM TYPE C PHOTOMETRY)  
CATALOG NUMBER: GFLD-SA1B-730-U-LAM-VSR-XX

### Luminous Intensity Polar Plot

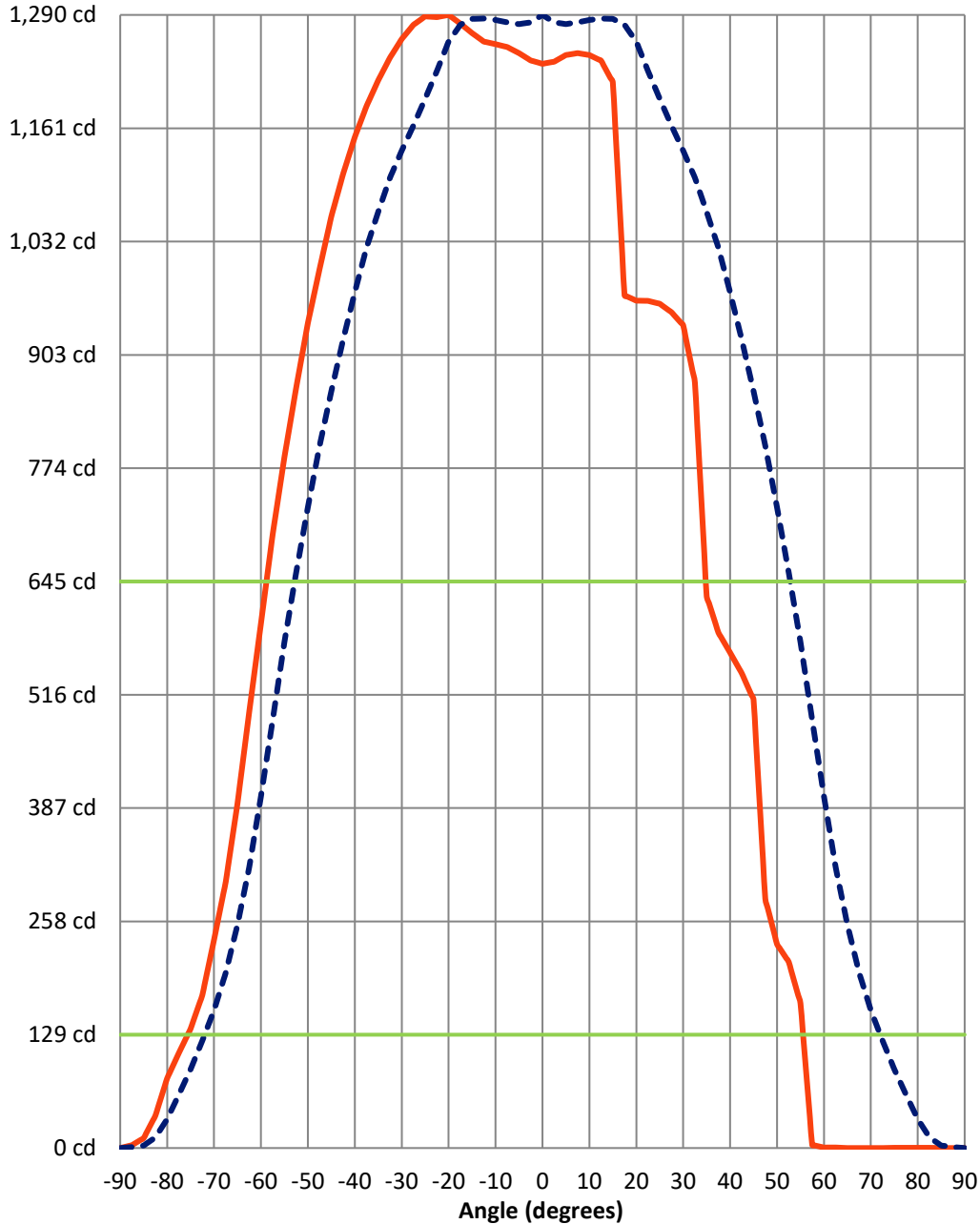


— Vertical Distribution Through 0-Deg      - - - Horizontal Distribution Through -20-Deg



REPORT NUMBER: P645311 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: GFLD-SA1B-730-U-LAM-VSR-XX

### Luminous Intensity Plot



**Beam:**  
 H Angle: 105.6°  
 V Angle: 93.7°  
 Lumens: 2364.2  
 Efficiency: 78.2%

**Field:**  
 H Angle: 144°  
 V Angle: 131.2°  
 Lumens: 2964.2  
 Efficiency: 98.0%

**Spill:**  
 Lumens: 60.1  
 Efficiency: 2.0%

- Vertical Distribution through 0-Deg
- - - Horizontal Distribution through -20-Deg

Classified

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

Scaled Data Report



REPORT NUMBER: P645311 (CONVERTED FROM TYPE C PHOTOMETRY)  
CATALOG NUMBER: GFLD-SA1B-730-U-LAM-VSR-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	0.0	0.1	0.1	0.1	0.1	0.2	0.2	0.2	0.1	0.1
85°	0.0	0.1	0.1	0.2	0.2	0.3	0.3	0.3	0.3	0.3	0.3
82.5°	0.0	0.1	0.2	0.2	0.3	0.4	0.5	0.5	0.5	0.4	0.3
80°	0.0	0.1	0.2	0.3	0.4	0.5	0.6	0.5	0.5	0.4	0.3
77.5°	0.0	0.2	0.3	0.4	0.5	0.6	0.6	0.5	0.5	0.4	0.3
75°	0.0	0.2	0.3	0.5	0.6	0.6	0.6	0.5	0.5	0.4	0.3
72.5°	0.0	0.2	0.4	0.5	0.6	0.6	0.6	0.5	0.5	0.4	0.3
70°	0.0	0.2	0.4	0.6	0.6	0.6	0.6	0.6	0.5	0.4	0.5
67.5°	0.0	0.3	0.5	0.6	0.7	0.7	0.7	0.6	0.5	0.7	0.7
65°	0.0	0.3	0.5	0.6	0.7	0.8	0.8	0.6	0.8	0.9	1.1
62.5°	0.0	0.3	0.6	0.7	0.7	0.9	0.9	0.8	1.1	1.6	2.4
60°	0.0	0.4	0.6	0.7	0.7	1.1	1.1	1.1	1.4	3.9	4.2
57.5°	0.0	0.4	0.7	0.7	0.9	1.3	1.9	1.5	3.8	6.5	7.6
55°	0.0	0.4	0.7	0.7	1.2	1.6	3.0	2.4	7.0	10.0	12.2
52.5°	0.0	0.4	0.7	0.7	1.4	2.0	4.3	6.1	10.4	15.7	17.7
50°	0.0	0.5	0.7	0.8	1.7	3.4	5.8	10.2	14.9	22.1	27.7
47.5°	0.0	0.5	0.8	0.8	1.9	4.9	7.8	14.5	21.5	29.1	37.9
45°	0.0	0.5	0.8	1.0	2.2	6.6	11.8	19.1	28.8	37.9	47.8
42.5°	0.0	0.5	0.8	1.3	2.5	8.3	15.9	24.9	36.3	46.5	59.2
40°	0.0	0.6	0.9	1.5	3.3	10.1	20.0	31.5	44.0	54.9	71.3
37.5°	0.0	0.6	0.9	1.9	4.8	12.1	24.2	38.1	52.1	65.1	84.1
35°	0.0	0.6	0.9	2.2	6.2	15.0	28.6	44.7	60.4	77.5	99.1
32.5°	0.0	0.6	1.0	2.6	7.7	18.4	33.2	51.2	68.7	90.0	117.4
30°	0.0	0.6	1.0	3.1	9.2	21.8	38.6	57.9	77.1	102.5	135.0
27.5°	0.0	0.7	1.0	3.5	11.0	25.1	43.8	64.8	86.3	115.0	151.8
25°	0.0	0.7	1.1	4.0	12.9	28.4	48.9	71.6	96.7	128.7	167.8
22.5°	0.0	0.7	1.1	4.5	14.8	31.7	53.9	78.4	106.9	142.3	184.0
20°	0.0	0.7	1.1	5.1	16.6	35.3	58.7	84.9	116.8	155.2	199.8
17.5°	0.0	0.7	1.2	5.6	18.5	38.8	63.4	91.3	126.4	167.3	215.1
15°	0.0	0.7	1.2	6.1	20.3	42.1	68.0	97.3	135.7	178.6	229.8
12.5°	0.0	0.8	1.2	6.7	22.0	45.3	72.2	102.6	143.0	189.1	243.8
10°	0.0	0.8	1.3	7.2	23.7	48.3	76.2	107.4	148.5	195.3	255.2
7.5°	0.0	0.8	1.3	7.7	25.2	51.1	79.8	111.9	153.2	200.2	261.9
5°	0.0	0.8	1.3	8.2	26.7	53.7	83.1	115.9	157.1	204.1	267.3
2.5°	0.0	0.8	1.4	8.7	28.0	56.0	86.1	119.4	160.2	207.2	271.5
0°	0.0	0.8	1.4	9.1	29.2	58.1	88.7	122.5	162.7	209.3	274.3
-2.5°	0.0	0.8	1.6	9.7	30.3	59.4	90.0	124.3	163.6	212.0	276.1
-5°	0.0	0.9	1.8	10.2	31.3	60.5	90.9	125.6	163.9	213.7	276.7
-7.5°	0.0	0.9	2.0	10.7	32.0	61.2	91.5	126.5	163.7	214.4	276.1
-10°	0.0	1.0	2.2	11.1	32.6	61.7	91.8	126.8	163.0	214.0	274.3
-12.5°	0.0	1.0	2.4	11.5	33.0	61.9	91.8	126.6	161.8	212.3	271.3
-15°	0.0	1.0	2.6	11.8	33.2	61.8	91.4	125.9	160.6	208.9	266.9
-17.5°	0.0	1.1	2.7	12.0	33.2	61.4	90.7	124.3	159.0	204.7	261.3
-20°	0.0	1.1	2.9	12.1	32.9	60.8	89.7	122.2	156.8	199.7	254.3



REPORT NUMBER: P645311 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: GFLD-SA1B-730-U-LAM-VSR-XX

**CANDELA DISTRIBUTION (continued):**

	-90°	-87.5°	-85°	-82.5°	-80°	-77.5°	-75°	-72.5°	-70°	-67.5°	-65°
-22.5°	0.0	1.1	3.0	12.1	32.5	59.9	88.2	119.6	153.9	193.9	245.9
-25°	0.0	1.1	3.1	12.1	31.8	58.4	86.3	116.6	150.4	187.4	236.3
-27.5°	0.0	1.2	3.2	11.9	30.8	56.6	84.1	113.1	146.1	181.1	227.8
-30°	0.0	1.2	3.3	11.7	29.7	54.6	81.6	109.3	141.5	175.8	218.7
-32.5°	0.0	1.2	3.4	11.3	28.3	52.3	78.7	105.7	136.5	169.7	208.9
-35°	0.0	1.2	3.4	10.9	26.8	49.8	75.6	102.0	131.2	162.7	198.6
-37.5°	0.0	1.2	3.5	10.3	25.1	47.3	72.3	97.9	125.4	154.9	188.3
-40°	0.0	1.2	3.5	9.7	23.3	45.0	68.7	93.4	119.3	147.5	178.3
-42.5°	0.0	1.1	3.4	9.0	22.0	42.5	64.8	88.5	113.4	139.7	167.4
-45°	0.0	1.1	3.4	8.3	21.0	39.9	60.7	83.5	107.4	131.4	156.1
-47.5°	0.0	1.1	3.3	7.5	19.9	37.1	56.4	78.4	100.9	122.7	146.4
-50°	0.0	1.1	3.2	7.2	18.7	34.2	52.8	73.1	93.8	114.7	136.2
-52.5°	0.0	1.0	3.1	7.1	17.3	31.1	49.1	67.6	87.0	106.5	125.7
-55°	0.0	1.0	3.0	6.8	15.7	28.8	45.4	61.9	80.1	98.0	116.4
-57.5°	0.0	0.9	2.9	6.5	14.0	26.5	41.5	57.5	73.1	89.9	106.9
-60°	0.0	0.9	2.7	6.2	12.1	23.9	37.5	52.6	66.0	81.8	97.4
-62.5°	0.0	0.8	2.5	5.7	11.3	21.2	33.9	47.2	59.4	73.4	88.2
-65°	0.0	0.8	2.4	5.2	10.3	18.2	30.0	41.7	52.5	64.9	78.7
-67.5°	0.0	0.7	2.2	4.7	9.2	15.7	25.9	36.1	45.2	56.1	68.4
-70°	0.0	0.6	2.0	4.0	8.0	13.8	21.5	30.5	38.6	46.9	57.4
-72.5°	0.0	0.6	1.7	3.6	6.7	11.6	18.2	24.7	31.9	39.2	46.6
-75°	0.0	0.5	1.5	3.1	5.3	9.4	14.9	19.9	25.1	31.5	38.0
-77.5°	0.0	0.4	1.3	2.6	4.4	7.0	11.4	15.4	19.5	24.1	29.2
-80°	0.0	0.3	1.0	2.1	3.5	5.4	7.7	10.8	14.0	17.5	21.2
-82.5°	0.0	0.2	0.8	1.6	2.7	4.1	5.7	6.9	8.3	10.8	13.4
-85°	0.0	0.2	0.5	1.1	1.8	2.7	3.8	4.6	5.4	6.3	7.2
-87.5°	0.0	0.1	0.3	0.5	0.9	1.4	1.9	2.3	2.7	3.1	3.6
-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: P645311 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: GFLD-SA1B-730-U-LAM-VSR-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°	0.1	0.1	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
85°	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3
82.5°	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3
80°	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3
77.5°	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3
75°	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3
72.5°	0.3	0.4	0.4	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3
70°	0.5	0.5	0.4	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3
67.5°	0.6	0.5	0.4	0.4	0.4	0.5	0.4	0.4	0.3	0.3	0.3
65°	0.6	0.5	0.7	0.8	0.6	0.5	0.5	0.4	0.4	0.4	0.4
62.5°	0.9	1.1	1.3	2.4	1.8	0.6	0.9	1.1	0.8	0.7	0.7
60°	2.7	1.9	5.5	7.8	4.9	1.8	2.2	7.2	6.2	1.2	3.9
57.5°	5.7	7.8	14.3	14.6	10.1	6.9	20.2	23.3	17.6	10.3	15.7
55°	12.5	19.2	23.7	21.9	23.9	36.3	43.1	38.7	32.6	50.1	64.1
52.5°	24.3	31.2	32.7	37.5	53.7	61.7	59.1	63.2	82.0	101.8	106.2
50°	35.9	41.5	45.8	66.2	78.9	79.7	85.6	104.2	129.2	141.4	138.4
47.5°	47.1	52.9	73.1	92.7	98.4	106.2	120.9	156.8	183.4	183.9	180.9
45°	58.9	74.4	100.2	113.0	122.2	137.3	172.8	222.4	224.9	232.1	276.4
42.5°	71.6	98.6	121.2	134.5	149.4	177.5	225.0	257.4	268.6	300.1	335.7
40°	92.1	122.1	141.8	158.8	178.0	219.0	270.9	301.4	310.5	337.7	364.5
37.5°	112.9	141.6	163.7	184.3	210.8	266.2	326.3	351.4	356.0	361.0	420.3
35°	132.9	161.7	188.1	215.0	247.6	327.4	379.9	403.5	402.8	436.4	498.5
32.5°	151.7	182.3	213.4	249.4	303.2	384.9	437.4	451.6	473.0	522.0	606.6
30°	170.4	205.1	240.9	283.8	351.9	422.7	482.7	505.5	542.2	598.0	659.7
27.5°	189.7	228.6	271.9	322.1	390.4	455.5	506.7	561.1	596.7	646.8	690.6
25°	208.9	253.4	302.5	355.6	417.9	478.6	531.5	594.3	632.6	672.9	713.9
22.5°	229.0	278.6	334.0	382.2	441.1	498.2	561.2	629.3	679.1	704.7	732.2
20°	250.0	305.9	365.0	418.3	464.0	516.4	591.1	673.7	738.0	766.9	770.7
17.5°	270.8	332.3	395.8	453.5	502.8	549.5	622.4	727.0	807.0	833.8	845.8
15°	291.0	357.7	426.5	487.8	541.9	599.0	676.9	783.3	874.7	904.4	923.2
12.5°	310.5	381.9	456.7	521.0	581.0	645.1	726.3	823.7	907.1	964.6	999.1
10°	329.1	404.8	485.9	552.9	619.7	687.8	767.2	853.8	921.8	977.2	1026.1
7.5°	338.5	419.7	511.1	583.2	657.5	727.4	800.7	875.1	932.3	986.7	1034.0
5°	344.9	425.9	519.0	593.7	677.5	753.7	825.0	889.0	939.1	993.1	1039.3
2.5°	349.4	429.9	524.3	599.5	685.1	761.8	831.9	893.7	944.8	997.6	1045.0
0°	352.2	431.8	527.0	603.0	689.8	767.2	836.0	895.5	948.6	999.8	1050.8
-2.5°	353.7	437.6	528.8	612.2	694.3	771.8	841.7	899.7	955.2	1004.0	1055.1
-5°	353.5	441.0	528.4	618.3	696.5	773.6	844.5	901.7	958.9	1007.1	1056.8
-7.5°	351.6	441.8	526.0	620.3	696.6	773.0	843.2	902.6	958.8	1010.0	1057.0
-10°	348.2	438.6	523.8	615.3	693.9	769.8	839.4	900.6	956.6	1009.4	1056.0
-12.5°	344.1	432.2	519.2	608.1	688.5	763.9	833.7	895.4	952.4	1005.1	1053.9
-15°	338.1	423.6	511.6	599.0	680.2	755.4	826.1	887.0	946.0	997.5	1047.7
-17.5°	330.0	413.0	501.0	588.2	669.1	744.3	816.5	875.8	934.6	987.8	1036.3
-20°	319.7	400.5	487.2	575.9	655.0	729.4	799.3	861.5	919.8	974.0	1024.9



REPORT NUMBER: P645311 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: GFLD-SA1B-730-U-LAM-VSR-XX

**CANDELA DISTRIBUTION (continued):**

	-62.5°	-60°	-57.5°	-55°	-52.5°	-50°	-47.5°	-45°	-42.5°	-40°	-37.5°
-22.5°	307.3	386.0	470.6	559.3	637.3	710.9	780.0	843.2	903.6	956.0	1010.2
-25°	294.9	370.8	452.3	536.4	616.8	690.1	759.5	820.9	882.7	937.2	988.7
-27.5°	283.0	353.0	431.0	511.2	593.6	666.5	735.3	796.8	856.7	916.4	966.0
-30°	269.7	332.5	407.7	484.2	564.6	638.8	708.1	772.0	829.0	887.9	941.1
-32.5°	254.9	310.8	383.0	456.7	532.4	608.3	676.9	740.4	799.7	855.4	911.3
-35°	240.5	293.2	356.8	427.1	498.4	572.8	641.4	704.3	765.9	821.0	874.4
-37.5°	227.6	274.2	329.0	396.2	464.3	534.7	604.5	665.3	723.9	784.6	836.7
-40°	213.5	253.7	305.0	364.3	428.5	495.5	562.3	625.2	680.3	740.3	797.6
-42.5°	198.9	237.1	281.2	330.6	391.2	454.3	518.8	580.4	637.6	694.2	750.9
-45°	186.0	219.5	257.1	302.1	351.5	410.9	472.0	533.3	588.2	642.2	698.2
-47.5°	172.3	201.8	236.6	272.5	315.5	365.1	422.6	479.1	535.3	586.7	636.3
-50°	158.7	185.9	214.5	246.8	282.3	322.5	370.2	422.8	474.1	526.8	576.0
-52.5°	147.0	169.2	195.0	222.0	252.3	285.6	323.8	367.0	413.7	458.4	507.4
-55°	134.8	154.8	175.6	199.4	224.6	252.7	284.1	320.4	356.0	397.3	437.3
-57.5°	123.7	140.5	158.3	178.0	199.8	222.3	249.7	278.0	310.3	342.4	374.1
-60°	113.2	127.0	142.1	158.7	176.3	196.3	216.7	241.0	267.0	292.6	319.6
-62.5°	102.6	114.2	126.5	140.3	155.7	170.8	188.3	206.9	226.1	247.8	269.0
-65°	91.8	101.1	111.6	123.0	135.3	148.2	161.6	175.4	191.7	207.6	223.1
-67.5°	80.3	88.3	96.7	105.7	116.0	126.1	136.2	147.9	159.9	171.7	183.9
-70°	67.5	75.1	82.1	89.4	97.0	104.9	113.6	122.1	130.6	139.4	149.2
-72.5°	54.5	61.4	67.6	73.0	79.3	85.9	92.2	98.2	104.6	111.3	117.9
-75°	43.4	48.0	53.5	58.6	63.6	68.2	72.4	77.5	82.8	87.7	91.7
-77.5°	33.9	38.1	41.9	45.2	49.2	53.8	57.9	61.4	64.8	68.5	72.4
-80°	24.7	28.2	31.6	34.7	37.0	39.6	42.7	46.3	49.3	51.8	54.1
-82.5°	15.9	18.4	21.0	23.6	24.7	25.4	26.1	27.3	29.2	31.1	32.9
-85°	7.9	8.6	10.2	11.8	12.4	12.8	13.0	13.2	13.8	14.4	15.0
-87.5°	4.0	4.3	4.7	5.0	4.9	4.6	4.3	3.9	3.8	3.7	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



REPORT NUMBER: P645311 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: GFLD-SA1B-730-U-LAM-VSR-XX

**CANDELA DISTRIBUTION (continued):**

	-35°	-32.5°	-30°	-27.5°	-25°	-22.5°	-20°	-17.5°	-15°	-12.5°	-10°
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
87.5°	0.2	0.3	0.3	0.3	0.3	0.2	0.1	0.1	0.0	0.0	0.0
85°	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.2	0.1
82.5°	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3
80°	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3
77.5°	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3
75°	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3
72.5°	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3
70°	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3
67.5°	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.2
65°	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.3	0.3	0.2
62.5°	0.7	0.8	0.6	0.6	0.6	0.6	0.6	0.6	0.5	0.5	0.5
60°	4.3	2.5	1.5	1.8	1.6	1.0	1.3	1.6	1.6	1.4	1.3
57.5°	23.9	17.9	13.3	31.6	31.7	15.2	18.3	28.7	23.6	7.7	7.2
55°	66.6	79.6	104.8	99.6	101.2	116.4	127.1	112.5	110.3	117.5	135.8
52.5°	119.6	132.1	140.5	148.5	158.1	168.5	179.1	185.9	192.3	199.0	203.1
50°	152.8	170.3	182.3	177.9	202.9	213.0	202.7	211.9	223.2	226.3	227.8
47.5°	225.6	251.3	256.4	272.9	287.8	287.5	274.9	275.6	309.2	338.9	353.5
45°	324.2	325.1	341.2	370.4	391.3	384.8	402.4	442.5	455.9	468.8	479.4
42.5°	362.6	378.5	404.3	430.1	445.8	459.3	472.3	487.0	504.4	518.5	529.7
40°	399.8	412.6	439.0	459.8	472.8	485.4	500.6	516.9	532.8	545.2	553.6
37.5°	457.0	466.9	473.4	492.7	517.1	505.9	534.8	555.5	565.0	577.5	578.6
35°	543.6	537.0	528.4	605.4	610.0	584.0	611.0	643.2	626.3	661.5	680.5
32.5°	620.4	619.4	686.6	727.1	703.8	722.8	785.1	782.4	823.9	843.1	837.6
30°	692.7	717.4	756.3	786.5	790.5	820.4	848.1	872.3	897.4	919.8	921.4
27.5°	729.5	761.7	788.1	805.5	825.0	850.2	875.3	902.6	923.9	937.9	941.4
25°	751.7	784.6	804.6	823.4	844.8	866.5	894.7	924.4	941.5	950.2	953.0
22.5°	771.3	800.9	822.3	837.5	860.7	884.1	910.2	935.4	954.0	957.8	959.2
20°	790.2	818.6	854.4	876.8	875.7	902.1	927.3	947.4	962.9	962.7	963.1
17.5°	844.7	854.8	919.9	969.3	944.8	931.9	1001.4	1002.7	1006.8	998.6	980.8
15°	925.4	943.9	1023.8	1077.4	1060.5	1059.6	1159.9	1135.0	1156.4	1150.8	1175.0
12.5°	1011.0	1032.8	1092.5	1145.1	1170.2	1176.4	1209.8	1241.2	1247.7	1245.1	1240.4
10°	1069.2	1100.4	1124.4	1156.3	1181.5	1207.3	1226.7	1249.3	1256.7	1252.4	1246.4
7.5°	1076.8	1107.6	1135.8	1163.8	1187.8	1208.6	1228.7	1247.1	1254.6	1252.1	1248.0
5°	1081.6	1109.5	1136.8	1165.2	1188.2	1207.5	1227.5	1246.1	1250.6	1247.6	1243.6
2.5°	1084.5	1110.4	1136.7	1165.1	1185.9	1204.3	1224.6	1244.4	1244.4	1243.1	1240.7
0°	1086.0	1111.9	1142.5	1168.1	1191.5	1208.8	1228.9	1248.2	1246.8	1243.3	1239.1
-2.5°	1089.1	1115.3	1146.5	1167.7	1194.2	1210.1	1230.8	1247.5	1246.9	1245.1	1243.1
-5°	1091.9	1121.4	1150.5	1172.8	1199.3	1220.1	1240.7	1253.8	1254.5	1252.0	1248.6
-7.5°	1093.6	1126.2	1154.1	1176.5	1202.2	1226.3	1247.3	1261.0	1261.2	1258.0	1253.9
-10°	1093.0	1127.5	1156.2	1179.3	1205.6	1229.5	1251.4	1268.7	1268.2	1265.1	1261.6
-12.5°	1090.9	1125.4	1154.8	1178.1	1207.9	1232.4	1257.1	1274.4	1275.3	1273.0	1269.2
-15°	1086.4	1122.0	1150.6	1176.0	1205.2	1233.9	1259.2	1278.3	1281.7	1279.8	1276.8
-17.5°	1077.4	1115.0	1145.3	1172.7	1200.8	1231.4	1260.1	1281.0	1285.7	1284.9	1282.4
-20°	1065.7	1104.4	1135.2	1163.8	1194.4	1226.0	1259.5	1278.5	1285.3	1285.7	1284.0



REPORT NUMBER: P645311 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: GFLD-SA1B-730-U-LAM-VSR-XX

**CANDELA DISTRIBUTION (continued):**

	-35°	-32.5°	-30°	-27.5°	-25°	-22.5°	-20°	-17.5°	-15°	-12.5°	-10°
-22.5°	1052.4	1090.4	1123.1	1151.2	1184.3	1216.3	1246.6	1268.9	1280.2	1282.4	1282.5
-25°	1036.6	1075.6	1108.1	1138.1	1168.9	1201.8	1232.5	1257.4	1268.8	1274.3	1276.0
-27.5°	1014.2	1054.5	1086.4	1118.2	1149.5	1183.5	1215.7	1242.8	1252.1	1259.7	1262.7
-30°	987.9	1027.8	1060.4	1089.3	1125.2	1159.9	1193.1	1216.8	1230.9	1239.5	1244.2
-32.5°	957.7	997.9	1032.2	1062.4	1096.5	1131.2	1162.5	1187.4	1206.9	1216.8	1221.9
-35°	925.0	966.1	1001.9	1033.8	1065.8	1098.9	1131.3	1157.4	1179.5	1188.1	1194.4
-37.5°	885.5	930.8	967.5	1000.4	1030.9	1062.0	1095.7	1125.5	1147.0	1155.3	1162.0
-40°	845.1	888.9	925.9	961.0	991.1	1025.0	1057.5	1088.7	1107.4	1117.1	1124.6
-42.5°	802.3	841.9	877.1	911.2	944.7	979.7	1012.2	1044.6	1060.7	1072.4	1081.7
-45°	753.0	789.8	824.0	855.9	890.5	924.9	957.4	986.0	1005.2	1020.4	1032.2
-47.5°	687.2	732.0	766.4	796.7	831.0	864.2	895.7	922.7	943.7	961.5	975.2
-50°	620.4	663.4	702.2	736.2	768.1	798.7	828.8	855.1	877.4	896.6	910.5
-52.5°	554.6	594.9	633.4	668.5	699.1	728.1	755.5	782.0	805.5	826.1	839.6
-55°	480.2	522.0	560.1	592.9	623.4	652.1	679.2	704.3	727.4	748.4	761.3
-57.5°	410.5	447.2	482.5	512.8	541.7	568.9	594.6	618.7	641.0	660.7	673.2
-60°	346.4	373.2	403.6	431.6	457.1	480.3	504.3	526.8	547.2	564.5	576.1
-62.5°	289.8	311.9	333.9	355.2	375.9	396.7	416.8	435.4	452.5	466.8	476.9
-65°	239.3	257.1	273.0	288.1	302.4	318.8	334.1	348.5	361.7	372.6	380.4
-67.5°	197.0	209.6	220.6	230.9	242.2	253.8	264.7	274.2	282.3	288.8	293.9
-70°	158.9	168.1	176.4	184.6	192.9	200.4	207.7	214.6	221.3	226.7	230.7
-72.5°	124.5	130.8	136.4	142.7	148.7	154.4	159.4	163.4	166.5	169.6	172.2
-75°	94.8	99.6	105.9	111.3	115.8	119.7	123.3	126.5	129.3	131.8	134.0
-77.5°	76.3	80.3	84.3	88.3	92.1	94.9	97.5	100.1	102.7	104.9	106.9
-80°	56.5	59.5	62.6	65.8	68.9	70.5	71.8	72.9	74.0	75.3	76.5
-82.5°	34.6	36.3	38.0	39.7	41.5	42.0	42.1	42.1	41.9	41.4	40.7
-85°	15.4	15.5	15.4	15.2	14.9	14.3	13.6	12.7	11.8	11.6	11.4
-87.5°	3.4	3.3	3.2	3.1	3.0	3.0	3.0	2.9	2.9	3.0	3.1
-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: P645311 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: GFLD-SA1B-730-U-LAM-VSR-XX

**CANDELA DISTRIBUTION (continued):**

	-7.5°	-5°	-2.5°	0°	2.5°	5°	7.5°	10°	12.5°	15°	17.5°
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
87.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1
85°	0.1	0.0	0.0	0.0	0.0	0.0	0.1	0.1	0.2	0.3	0.3
82.5°	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3
80°	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3
77.5°	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3
75°	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3
72.5°	0.3	0.3	0.2	0.0	0.2	0.3	0.3	0.3	0.3	0.3	0.3
70°	0.3	0.3	0.2	0.0	0.2	0.3	0.3	0.3	0.3	0.3	0.3
67.5°	0.1	0.0	0.0	0.0	0.0	0.0	0.1	0.2	0.3	0.3	0.3
65°	0.1	0.0	0.0	0.0	0.0	0.0	0.1	0.2	0.3	0.3	0.4
62.5°	0.5	0.6	0.6	0.6	0.6	0.6	0.5	0.5	0.5	0.5	0.6
60°	1.0	0.7	0.6	0.6	0.6	0.7	1.0	1.3	1.4	1.6	1.6
57.5°	6.1	4.5	3.9	3.6	3.9	4.5	6.1	7.2	7.7	23.6	28.7
55°	148.8	156.4	162.1	164.7	162.1	156.4	148.8	135.8	117.5	110.3	112.5
52.5°	206.6	209.9	211.8	211.8	211.8	209.9	206.6	203.1	199.0	192.3	185.9
50°	230.3	231.9	232.4	232.1	232.4	231.9	230.3	227.8	226.3	223.2	211.9
47.5°	340.2	310.8	289.1	283.9	289.1	310.8	340.2	353.5	338.9	309.2	275.6
45°	484.5	495.7	506.8	510.2	506.8	495.7	484.5	479.4	468.8	455.9	442.5
42.5°	534.5	538.1	540.2	540.3	540.2	538.1	534.5	529.7	518.5	504.4	487.0
40°	558.3	561.8	563.8	563.9	563.8	561.8	558.3	553.6	545.2	532.8	516.9
37.5°	580.0	582.9	584.8	586.8	584.8	582.9	580.0	578.6	577.5	565.0	555.5
35°	677.9	655.7	623.8	628.6	623.8	655.7	677.9	680.5	661.5	626.3	643.2
32.5°	846.2	855.5	861.3	871.2	861.3	855.5	846.2	837.6	843.1	823.9	782.4
30°	923.8	926.9	931.6	936.5	931.6	926.9	923.8	921.4	919.8	897.4	872.3
27.5°	943.2	946.4	949.3	951.4	949.3	946.4	943.2	941.4	937.9	923.9	902.6
25°	953.4	955.4	958.4	961.0	958.4	955.4	953.4	953.0	950.2	941.5	924.4
22.5°	958.4	958.6	961.0	964.3	961.0	958.6	958.4	959.2	957.8	954.0	935.4
20°	961.9	960.0	962.4	964.6	962.4	960.0	961.9	963.1	962.7	962.9	947.4
17.5°	1005.9	980.8	970.4	970.6	970.4	980.8	1005.9	980.8	998.6	1006.8	1002.7
15°	1147.9	1157.3	1193.5	1213.0	1193.5	1157.3	1147.9	1175.0	1150.8	1156.4	1135.0
12.5°	1239.5	1236.2	1231.9	1237.7	1231.9	1236.2	1239.5	1240.4	1245.1	1247.7	1241.2
10°	1243.8	1243.4	1235.7	1244.1	1235.7	1243.4	1243.8	1246.4	1252.4	1256.7	1249.3
7.5°	1241.2	1241.4	1238.1	1246.3	1238.1	1241.4	1241.2	1248.0	1252.1	1254.6	1247.1
5°	1242.9	1237.3	1239.4	1244.1	1239.4	1237.3	1242.9	1243.6	1247.6	1250.6	1246.1
2.5°	1238.1	1237.5	1233.4	1236.6	1233.4	1237.5	1238.1	1240.7	1243.1	1244.4	1244.4
0°	1234.4	1231.4	1231.4	1234.2	1231.4	1231.4	1234.4	1239.1	1243.3	1246.8	1248.2
-2.5°	1241.0	1240.3	1239.9	1238.0	1239.9	1240.3	1241.0	1243.1	1245.1	1246.9	1247.5
-5°	1246.3	1244.7	1240.2	1246.3	1240.2	1244.7	1246.3	1248.6	1252.0	1254.5	1253.8
-7.5°	1252.1	1247.9	1243.6	1253.2	1243.6	1247.9	1252.1	1253.9	1258.0	1261.2	1261.0
-10°	1257.3	1251.3	1247.1	1256.5	1247.1	1251.3	1257.3	1261.6	1265.1	1268.2	1268.7
-12.5°	1264.3	1257.2	1254.4	1259.5	1254.4	1257.2	1264.3	1269.2	1273.0	1275.3	1274.4
-15°	1271.7	1266.8	1266.2	1269.1	1266.2	1266.8	1271.7	1276.8	1279.8	1281.7	1278.3
-17.5°	1278.2	1274.8	1276.5	1279.9	1276.5	1274.8	1278.2	1282.4	1284.9	1285.7	1281.0
-20°	1281.3	1279.4	1281.3	1289.8	1281.3	1279.4	1281.3	1284.0	1285.7	1285.3	1278.5

Classified

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

Scaled Data Report



REPORT NUMBER: P645311 (CONVERTED FROM TYPE C PHOTOMETRY)  
CATALOG NUMBER: GFLD-SA1B-730-U-LAM-VSR-XX

**CANDELA DISTRIBUTION (continued):**

	-7.5°	-5°	-2.5°	0°	2.5°	5°	7.5°	10°	12.5°	15°	17.5°
-22.5°	1281.1	1281.2	1284.6	1287.3	1284.6	1281.2	1281.1	1282.5	1282.4	1280.2	1268.9
-25°	1276.2	1278.8	1282.6	1288.1	1282.6	1278.8	1276.2	1276.0	1274.3	1268.8	1257.4
-27.5°	1264.4	1268.6	1272.6	1278.5	1272.6	1268.6	1264.4	1262.7	1259.7	1252.1	1242.8
-30°	1247.3	1252.4	1256.0	1262.3	1256.0	1252.4	1247.3	1244.2	1239.5	1230.9	1216.8
-32.5°	1226.6	1232.4	1236.6	1241.1	1236.6	1232.4	1226.6	1221.9	1216.8	1206.9	1187.4
-35°	1200.7	1206.9	1211.4	1215.4	1211.4	1206.9	1200.7	1194.4	1188.1	1179.5	1157.4
-37.5°	1169.5	1176.2	1181.4	1186.0	1181.4	1176.2	1169.5	1162.0	1155.3	1147.0	1125.5
-40°	1133.2	1140.0	1145.6	1150.7	1145.6	1140.0	1133.2	1124.6	1117.1	1107.4	1088.7
-42.5°	1090.8	1097.7	1103.4	1108.6	1103.4	1097.7	1090.8	1081.7	1072.4	1060.7	1044.6
-45°	1041.8	1048.9	1054.9	1060.4	1054.9	1048.9	1041.8	1032.2	1020.4	1005.2	986.0
-47.5°	985.3	992.9	998.1	1000.7	998.1	992.9	985.3	975.2	961.5	943.7	922.7
-50°	920.6	928.2	934.4	939.0	934.4	928.2	920.6	910.5	896.6	877.4	855.1
-52.5°	849.4	856.7	862.0	865.2	862.0	856.7	849.4	839.6	826.1	805.5	782.0
-55°	771.4	779.0	784.1	786.4	784.1	779.0	771.4	761.3	748.4	727.4	704.3
-57.5°	683.0	690.2	695.6	698.6	695.6	690.2	683.0	673.2	660.7	641.0	618.7
-60°	585.1	591.6	595.7	597.3	595.7	591.6	585.1	576.1	564.5	547.2	526.8
-62.5°	485.1	491.2	495.0	496.5	495.0	491.2	485.1	476.9	466.8	452.5	435.4
-65°	386.1	390.0	392.1	392.4	392.1	390.0	386.1	380.4	372.6	361.7	348.5
-67.5°	297.9	300.8	302.6	303.2	302.6	300.8	297.9	293.9	288.8	282.3	274.2
-70°	233.7	235.7	236.9	237.1	236.9	235.7	233.7	230.7	226.7	221.3	214.6
-72.5°	174.3	175.7	175.2	174.0	175.2	175.7	174.3	172.2	169.6	166.5	163.4
-75°	135.9	137.5	136.9	135.8	136.9	137.5	135.9	134.0	131.8	129.3	126.5
-77.5°	108.6	110.1	109.3	108.2	109.3	110.1	108.6	106.9	104.9	102.7	100.1
-80°	77.5	78.4	79.0	79.3	79.0	78.4	77.5	76.5	75.3	74.0	72.9
-82.5°	39.7	38.5	37.8	36.9	37.8	38.5	39.7	40.7	41.4	41.9	42.1
-85°	11.2	10.9	11.1	11.3	11.1	10.9	11.2	11.4	11.6	11.8	12.7
-87.5°	3.2	3.3	3.3	3.3	3.3	3.3	3.2	3.1	3.0	2.9	2.9
-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: P645311 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: GFLD-SA1B-730-U-LAM-VSR-XX

**CANDELA DISTRIBUTION (continued):**

	20°	22.5°	25°	27.5°	30°	32.5°	35°	37.5°	40°	42.5°	45°
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
87.5°	0.1	0.2	0.3	0.3	0.3	0.3	0.2	0.2	0.2	0.2	0.2
85°	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3
82.5°	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3
80°	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3
77.5°	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3
75°	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3
72.5°	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3
70°	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3
67.5°	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.4
65°	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4
62.5°	0.6	0.6	0.6	0.6	0.6	0.8	0.7	0.7	0.7	0.8	1.1
60°	1.3	1.0	1.6	1.8	1.5	2.5	4.3	3.9	1.2	6.2	7.2
57.5°	18.3	15.2	31.7	31.6	13.3	17.9	23.9	15.7	10.3	17.6	23.3
55°	127.1	116.4	101.2	99.6	104.8	79.6	66.6	64.1	50.1	32.6	38.7
52.5°	179.1	168.5	158.1	148.5	140.5	132.1	119.6	106.2	101.8	82.0	63.2
50°	202.7	213.0	202.9	177.9	182.3	170.3	152.8	138.4	141.4	129.2	104.2
47.5°	274.9	287.5	287.8	272.9	256.4	251.3	225.6	180.9	183.9	183.4	156.8
45°	402.4	384.8	391.3	370.4	341.2	325.1	324.2	276.4	232.1	224.9	222.4
42.5°	472.3	459.3	445.8	430.1	404.3	378.5	362.6	335.7	300.1	268.6	257.4
40°	500.6	485.4	472.8	459.8	439.0	412.6	399.8	364.5	337.7	310.5	301.4
37.5°	534.8	505.9	517.1	492.7	473.4	466.9	457.0	420.3	361.0	356.0	351.4
35°	611.0	584.0	610.0	605.4	528.4	537.0	543.6	498.5	436.4	402.8	403.5
32.5°	785.1	722.8	703.8	727.1	686.6	619.4	620.4	606.6	522.0	473.0	451.6
30°	848.1	820.4	790.5	786.5	756.3	717.4	692.7	659.7	598.0	542.2	505.5
27.5°	875.3	850.2	825.0	805.5	788.1	761.7	729.5	690.6	646.8	596.7	561.1
25°	894.7	866.5	844.8	823.4	804.6	784.6	751.7	713.9	672.9	632.6	594.3
22.5°	910.2	884.1	860.7	837.5	822.3	800.9	771.3	732.2	704.7	679.1	629.3
20°	927.3	902.1	875.7	876.8	854.4	818.6	790.2	770.7	766.9	738.0	673.7
17.5°	1001.4	931.9	944.8	969.3	919.9	854.8	844.7	845.8	833.8	807.0	727.0
15°	1159.9	1059.6	1060.5	1077.4	1023.8	943.9	925.4	923.2	904.4	874.7	783.3
12.5°	1209.8	1176.4	1170.2	1145.1	1092.5	1032.8	1011.0	999.1	964.6	907.1	823.7
10°	1226.7	1207.3	1181.5	1156.3	1124.4	1100.4	1069.2	1026.1	977.2	921.8	853.8
7.5°	1228.7	1208.6	1187.8	1163.8	1135.8	1107.6	1076.8	1034.0	986.7	932.3	875.1
5°	1227.5	1207.5	1188.2	1165.2	1136.8	1109.5	1081.6	1039.3	993.1	939.1	889.0
2.5°	1224.6	1204.3	1185.9	1165.1	1136.7	1110.4	1084.5	1045.0	997.6	944.8	893.7
0°	1228.9	1208.8	1191.5	1168.1	1142.5	1111.9	1086.0	1050.8	999.8	948.6	895.5
-2.5°	1230.8	1210.1	1194.2	1167.7	1146.5	1115.3	1089.1	1055.1	1004.0	955.2	899.7
-5°	1240.7	1220.1	1199.3	1172.8	1150.5	1121.4	1091.9	1056.8	1007.1	958.9	901.7
-7.5°	1247.3	1226.3	1202.2	1176.5	1154.1	1126.2	1093.6	1057.0	1010.0	958.8	902.6
-10°	1251.4	1229.5	1205.6	1179.3	1156.2	1127.5	1093.0	1056.0	1009.4	956.6	900.6
-12.5°	1257.1	1232.4	1207.9	1178.1	1154.8	1125.4	1090.9	1053.9	1005.1	952.4	895.4
-15°	1259.2	1233.9	1205.2	1176.0	1150.6	1122.0	1086.4	1047.7	997.5	946.0	887.0
-17.5°	1260.1	1231.4	1200.8	1172.7	1145.3	1115.0	1077.4	1036.3	987.8	934.6	875.8
-20°	1259.5	1226.0	1194.4	1163.8	1135.2	1104.4	1065.7	1024.9	974.0	919.8	861.5





REPORT NUMBER: P645311 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: GFLD-SA1B-730-U-LAM-VSR-XX

**CANDELA DISTRIBUTION (continued):**

	20°	22.5°	25°	27.5°	30°	32.5°	35°	37.5°	40°	42.5°	45°
-22.5°	1246.6	1216.3	1184.3	1151.2	1123.1	1090.4	1052.4	1010.2	956.0	903.6	843.2
-25°	1232.5	1201.8	1168.9	1138.1	1108.1	1075.6	1036.6	988.7	937.2	882.7	820.9
-27.5°	1215.7	1183.5	1149.5	1118.2	1086.4	1054.5	1014.2	966.0	916.4	856.7	796.8
-30°	1193.1	1159.9	1125.2	1089.3	1060.4	1027.8	987.9	941.1	887.9	829.0	772.0
-32.5°	1162.5	1131.2	1096.5	1062.4	1032.2	997.9	957.7	911.3	855.4	799.7	740.4
-35°	1131.3	1098.9	1065.8	1033.8	1001.9	966.1	925.0	874.4	821.0	765.9	704.3
-37.5°	1095.7	1062.0	1030.9	1000.4	967.5	930.8	885.5	836.7	784.6	723.9	665.3
-40°	1057.5	1025.0	991.1	961.0	925.9	888.9	845.1	797.6	740.3	680.3	625.2
-42.5°	1012.2	979.7	944.7	911.2	877.1	841.9	802.3	750.9	694.2	637.6	580.4
-45°	957.4	924.9	890.5	855.9	824.0	789.8	753.0	698.2	642.2	588.2	533.3
-47.5°	895.7	864.2	831.0	796.7	766.4	732.0	687.2	636.3	586.7	535.3	479.1
-50°	828.8	798.7	768.1	736.2	702.2	663.4	620.4	576.0	526.8	474.1	422.8
-52.5°	755.5	728.1	699.1	668.5	633.4	594.9	554.6	507.4	458.4	413.7	367.0
-55°	679.2	652.1	623.4	592.9	560.1	522.0	480.2	437.3	397.3	356.0	320.4
-57.5°	594.6	568.9	541.7	512.8	482.5	447.2	410.5	374.1	342.4	310.3	278.0
-60°	504.3	480.3	457.1	431.6	403.6	373.2	346.4	319.6	292.6	267.0	241.0
-62.5°	416.8	396.7	375.9	355.2	333.9	311.9	289.8	269.0	247.8	226.1	206.9
-65°	334.1	318.8	302.4	288.1	273.0	257.1	239.3	223.1	207.6	191.7	175.4
-67.5°	264.7	253.8	242.2	230.9	220.6	209.6	197.0	183.9	171.7	159.9	147.9
-70°	207.7	200.4	192.9	184.6	176.4	168.1	158.9	149.2	139.4	130.6	122.1
-72.5°	159.4	154.4	148.7	142.7	136.4	130.8	124.5	117.9	111.3	104.6	98.2
-75°	123.3	119.7	115.8	111.3	105.9	99.6	94.8	91.7	87.7	82.8	77.5
-77.5°	97.5	94.9	92.1	88.3	84.3	80.3	76.3	72.4	68.5	64.8	61.4
-80°	71.8	70.5	68.9	65.8	62.6	59.5	56.5	54.1	51.8	49.3	46.3
-82.5°	42.1	42.0	41.5	39.7	38.0	36.3	34.6	32.9	31.1	29.2	27.3
-85°	13.6	14.3	14.9	15.2	15.4	15.5	15.4	15.0	14.4	13.8	13.2
-87.5°	3.0	3.0	3.0	3.1	3.2	3.3	3.4	3.5	3.7	3.8	3.9
-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: P645311 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: GFLD-SA1B-730-U-LAM-VSR-XX

**CANDELA DISTRIBUTION (continued):**

	47.5°	50°	52.5°	55°	57.5°	60°	62.5°	65°	67.5°	70°	72.5°
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
87.5°	0.2	0.2	0.2	0.2	0.2	0.1	0.1	0.1	0.1	0.2	0.2
85°	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3
82.5°	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.4	0.5	0.5
80°	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.4	0.5	0.5
77.5°	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.4	0.5	0.5
75°	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.4	0.5	0.5
72.5°	0.3	0.3	0.3	0.3	0.4	0.4	0.3	0.3	0.4	0.5	0.5
70°	0.3	0.3	0.3	0.3	0.4	0.5	0.5	0.5	0.4	0.5	0.6
67.5°	0.4	0.5	0.4	0.4	0.4	0.5	0.6	0.7	0.7	0.5	0.6
65°	0.5	0.5	0.6	0.8	0.7	0.5	0.6	1.1	0.9	0.8	0.6
62.5°	0.9	0.6	1.8	2.4	1.3	1.1	0.9	2.4	1.6	1.1	0.8
60°	2.2	1.8	4.9	7.8	5.5	1.9	2.7	4.2	3.9	1.4	1.1
57.5°	20.2	6.9	10.1	14.6	14.3	7.8	5.7	7.6	6.5	3.8	1.5
55°	43.1	36.3	23.9	21.9	23.7	19.2	12.5	12.2	10.0	7.0	2.4
52.5°	59.1	61.7	53.7	37.5	32.7	31.2	24.3	17.7	15.7	10.4	6.1
50°	85.6	79.7	78.9	66.2	45.8	41.5	35.9	27.7	22.1	14.9	10.2
47.5°	120.9	106.2	98.4	92.7	73.1	52.9	47.1	37.9	29.1	21.5	14.5
45°	172.8	137.3	122.2	113.0	100.2	74.4	58.9	47.8	37.9	28.8	19.1
42.5°	225.0	177.5	149.4	134.5	121.2	98.6	71.6	59.2	46.5	36.3	24.9
40°	270.9	219.0	178.0	158.8	141.8	122.1	92.1	71.3	54.9	44.0	31.5
37.5°	326.3	266.2	210.8	184.3	163.7	141.6	112.9	84.1	65.1	52.1	38.1
35°	379.9	327.4	247.6	215.0	188.1	161.7	132.9	99.1	77.5	60.4	44.7
32.5°	437.4	384.9	303.2	249.4	213.4	182.3	151.7	117.4	90.0	68.7	51.2
30°	482.7	422.7	351.9	283.8	240.9	205.1	170.4	135.0	102.5	77.1	57.9
27.5°	506.7	455.5	390.4	322.1	271.9	228.6	189.7	151.8	115.0	86.3	64.8
25°	531.5	478.6	417.9	355.6	302.5	253.4	208.9	167.8	128.7	96.7	71.6
22.5°	561.2	498.2	441.1	382.2	334.0	278.6	229.0	184.0	142.3	106.9	78.4
20°	591.1	516.4	464.0	418.3	365.0	305.9	250.0	199.8	155.2	116.8	84.9
17.5°	622.4	549.5	502.8	453.5	395.8	332.3	270.8	215.1	167.3	126.4	91.3
15°	676.9	599.0	541.9	487.8	426.5	357.7	291.0	229.8	178.6	135.7	97.3
12.5°	726.3	645.1	581.0	521.0	456.7	381.9	310.5	243.8	189.1	143.0	102.6
10°	767.2	687.8	619.7	552.9	485.9	404.8	329.1	255.2	195.3	148.5	107.4
7.5°	800.7	727.4	657.5	583.2	511.1	419.7	338.5	261.9	200.2	153.2	111.9
5°	825.0	753.7	677.5	593.7	519.0	425.9	344.9	267.3	204.1	157.1	115.9
2.5°	831.9	761.8	685.1	599.5	524.3	429.9	349.4	271.5	207.2	160.2	119.4
0°	836.0	767.2	689.8	603.0	527.0	431.8	352.2	274.3	209.3	162.7	122.5
-2.5°	841.7	771.8	694.3	612.2	528.8	437.6	353.7	276.1	212.0	163.6	124.3
-5°	844.5	773.6	696.5	618.3	528.4	441.0	353.5	276.7	213.7	163.9	125.6
-7.5°	843.2	773.0	696.6	620.3	526.0	441.8	351.6	276.1	214.4	163.7	126.5
-10°	839.4	769.8	693.9	615.3	523.8	438.6	348.2	274.3	214.0	163.0	126.8
-12.5°	833.7	763.9	688.5	608.1	519.2	432.2	344.1	271.3	212.3	161.8	126.6
-15°	826.1	755.4	680.2	599.0	511.6	423.6	338.1	266.9	208.9	160.6	125.9
-17.5°	816.5	744.3	669.1	588.2	501.0	413.0	330.0	261.3	204.7	159.0	124.3
-20°	799.3	729.4	655.0	575.9	487.2	400.5	319.7	254.3	199.7	156.8	122.2



REPORT NUMBER: P645311 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: GFLD-SA1B-730-U-LAM-VSR-XX

**CANDELA DISTRIBUTION (continued):**

	47.5°	50°	52.5°	55°	57.5°	60°	62.5°	65°	67.5°	70°	72.5°
-22.5°	780.0	710.9	637.3	559.3	470.6	386.0	307.3	245.9	193.9	153.9	119.6
-25°	759.5	690.1	616.8	536.4	452.3	370.8	294.9	236.3	187.4	150.4	116.6
-27.5°	735.3	666.5	593.6	511.2	431.0	353.0	283.0	227.8	181.1	146.1	113.1
-30°	708.1	638.8	564.6	484.2	407.7	332.5	269.7	218.7	175.8	141.5	109.3
-32.5°	676.9	608.3	532.4	456.7	383.0	310.8	254.9	208.9	169.7	136.5	105.7
-35°	641.4	572.8	498.4	427.1	356.8	293.2	240.5	198.6	162.7	131.2	102.0
-37.5°	604.5	534.7	464.3	396.2	329.0	274.2	227.6	188.3	154.9	125.4	97.9
-40°	562.3	495.5	428.5	364.3	305.0	253.7	213.5	178.3	147.5	119.3	93.4
-42.5°	518.8	454.3	391.2	330.6	281.2	237.1	198.9	167.4	139.7	113.4	88.5
-45°	472.0	410.9	351.5	302.1	257.1	219.5	186.0	156.1	131.4	107.4	83.5
-47.5°	422.6	365.1	315.5	272.5	236.6	201.8	172.3	146.4	122.7	100.9	78.4
-50°	370.2	322.5	282.3	246.8	214.5	185.9	158.7	136.2	114.7	93.8	73.1
-52.5°	323.8	285.6	252.3	222.0	195.0	169.2	147.0	125.7	106.5	87.0	67.6
-55°	284.1	252.7	224.6	199.4	175.6	154.8	134.8	116.4	98.0	80.1	61.9
-57.5°	249.7	222.3	199.8	178.0	158.3	140.5	123.7	106.9	89.9	73.1	57.5
-60°	216.7	196.3	176.3	158.7	142.1	127.0	113.2	97.4	81.8	66.0	52.6
-62.5°	188.3	170.8	155.7	140.3	126.5	114.2	102.6	88.2	73.4	59.4	47.2
-65°	161.6	148.2	135.3	123.0	111.6	101.1	91.8	78.7	64.9	52.5	41.7
-67.5°	136.2	126.1	116.0	105.7	96.7	88.3	80.3	68.4	56.1	45.2	36.1
-70°	113.6	104.9	97.0	89.4	82.1	75.1	67.5	57.4	46.9	38.6	30.5
-72.5°	92.2	85.9	79.3	73.0	67.6	61.4	54.5	46.6	39.2	31.9	24.7
-75°	72.4	68.2	63.6	58.6	53.5	48.0	43.4	38.0	31.5	25.1	19.9
-77.5°	57.9	53.8	49.2	45.2	41.9	38.1	33.9	29.2	24.1	19.5	15.4
-80°	42.7	39.6	37.0	34.7	31.6	28.2	24.7	21.2	17.5	14.0	10.8
-82.5°	26.1	25.4	24.7	23.6	21.0	18.4	15.9	13.4	10.8	8.3	6.9
-85°	13.0	12.8	12.4	11.8	10.2	8.6	7.9	7.2	6.3	5.4	4.6
-87.5°	4.3	4.6	4.9	5.0	4.7	4.3	4.0	3.6	3.1	2.7	2.3
-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: P645311 (CONVERTED FROM TYPE C PHOTOMETRY)  
CATALOG NUMBER: GFLD-SA1B-730-U-LAM-VSR-XX

**CANDELA DISTRIBUTION (continued):**

	75°	77.5°	80°	82.5°	85°	87.5°	90°
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0
87.5°	0.2	0.1	0.1	0.1	0.1	0.0	0.0
85°	0.3	0.3	0.2	0.2	0.1	0.1	0.0
82.5°	0.5	0.4	0.3	0.2	0.2	0.1	0.0
80°	0.6	0.5	0.4	0.3	0.2	0.1	0.0
77.5°	0.6	0.6	0.5	0.4	0.3	0.2	0.0
75°	0.6	0.6	0.6	0.5	0.3	0.2	0.0
72.5°	0.6	0.6	0.6	0.5	0.4	0.2	0.0
70°	0.6	0.6	0.6	0.6	0.4	0.2	0.0
67.5°	0.7	0.7	0.7	0.6	0.5	0.3	0.0
65°	0.8	0.8	0.7	0.6	0.5	0.3	0.0
62.5°	0.9	0.9	0.7	0.7	0.6	0.3	0.0
60°	1.1	1.1	0.7	0.7	0.6	0.4	0.0
57.5°	1.9	1.3	0.9	0.7	0.7	0.4	0.0
55°	3.0	1.6	1.2	0.7	0.7	0.4	0.0
52.5°	4.3	2.0	1.4	0.7	0.7	0.4	0.0
50°	5.8	3.4	1.7	0.8	0.7	0.5	0.0
47.5°	7.8	4.9	1.9	0.8	0.8	0.5	0.0
45°	11.8	6.6	2.2	1.0	0.8	0.5	0.0
42.5°	15.9	8.3	2.5	1.3	0.8	0.5	0.0
40°	20.0	10.1	3.3	1.5	0.9	0.6	0.0
37.5°	24.2	12.1	4.8	1.9	0.9	0.6	0.0
35°	28.6	15.0	6.2	2.2	0.9	0.6	0.0
32.5°	33.2	18.4	7.7	2.6	1.0	0.6	0.0
30°	38.6	21.8	9.2	3.1	1.0	0.6	0.0
27.5°	43.8	25.1	11.0	3.5	1.0	0.7	0.0
25°	48.9	28.4	12.9	4.0	1.1	0.7	0.0
22.5°	53.9	31.7	14.8	4.5	1.1	0.7	0.0
20°	58.7	35.3	16.6	5.1	1.1	0.7	0.0
17.5°	63.4	38.8	18.5	5.6	1.2	0.7	0.0
15°	68.0	42.1	20.3	6.1	1.2	0.7	0.0
12.5°	72.2	45.3	22.0	6.7	1.2	0.8	0.0
10°	76.2	48.3	23.7	7.2	1.3	0.8	0.0
7.5°	79.8	51.1	25.2	7.7	1.3	0.8	0.0
5°	83.1	53.7	26.7	8.2	1.3	0.8	0.0
2.5°	86.1	56.0	28.0	8.7	1.4	0.8	0.0
0°	88.7	58.1	29.2	9.1	1.4	0.8	0.0
-2.5°	90.0	59.4	30.3	9.7	1.6	0.8	0.0
-5°	90.9	60.5	31.3	10.2	1.8	0.9	0.0
-7.5°	91.5	61.2	32.0	10.7	2.0	0.9	0.0
-10°	91.8	61.7	32.6	11.1	2.2	1.0	0.0
-12.5°	91.8	61.9	33.0	11.5	2.4	1.0	0.0
-15°	91.4	61.8	33.2	11.8	2.6	1.0	0.0
-17.5°	90.7	61.4	33.2	12.0	2.7	1.1	0.0
-20°	89.7	60.8	32.9	12.1	2.9	1.1	0.0

Classified

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

Scaled Data Report



REPORT NUMBER: P645311 (CONVERTED FROM TYPE C PHOTOMETRY)  
CATALOG NUMBER: GFLD-SA1B-730-U-LAM-VSR-XX

**CANDELA DISTRIBUTION (continued):**

	75°	77.5°	80°	82.5°	85°	87.5°	90°
-22.5°	88.2	59.9	32.5	12.1	3.0	1.1	0.0
-25°	86.3	58.4	31.8	12.1	3.1	1.1	0.0
-27.5°	84.1	56.6	30.8	11.9	3.2	1.2	0.0
-30°	81.6	54.6	29.7	11.7	3.3	1.2	0.0
-32.5°	78.7	52.3	28.3	11.3	3.4	1.2	0.0
-35°	75.6	49.8	26.8	10.9	3.4	1.2	0.0
-37.5°	72.3	47.3	25.1	10.3	3.5	1.2	0.0
-40°	68.7	45.0	23.3	9.7	3.5	1.2	0.0
-42.5°	64.8	42.5	22.0	9.0	3.4	1.1	0.0
-45°	60.7	39.9	21.0	8.3	3.4	1.1	0.0
-47.5°	56.4	37.1	19.9	7.5	3.3	1.1	0.0
-50°	52.8	34.2	18.7	7.2	3.2	1.1	0.0
-52.5°	49.1	31.1	17.3	7.1	3.1	1.0	0.0
-55°	45.4	28.8	15.7	6.8	3.0	1.0	0.0
-57.5°	41.5	26.5	14.0	6.5	2.9	0.9	0.0
-60°	37.5	23.9	12.1	6.2	2.7	0.9	0.0
-62.5°	33.9	21.2	11.3	5.7	2.5	0.8	0.0
-65°	30.0	18.2	10.3	5.2	2.4	0.8	0.0
-67.5°	25.9	15.7	9.2	4.7	2.2	0.7	0.0
-70°	21.5	13.8	8.0	4.0	2.0	0.6	0.0
-72.5°	18.2	11.6	6.7	3.6	1.7	0.6	0.0
-75°	14.9	9.4	5.3	3.1	1.5	0.5	0.0
-77.5°	11.4	7.0	4.4	2.6	1.3	0.4	0.0
-80°	7.7	5.4	3.5	2.1	1.0	0.3	0.0
-82.5°	5.7	4.1	2.7	1.6	0.8	0.2	0.0
-85°	3.8	2.7	1.8	1.1	0.5	0.2	0.0
-87.5°	1.9	1.4	0.9	0.5	0.3	0.1	0.0
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0

(END OF REPORT)