

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: P645296 (CONVERTED FROM TYPE C PHOTOMETRY)

Luminaire Tested: **GFLD-SA1A-722-U-LAM-XX**

Issue Date: 2/28/2023

**Test Information**

Test Method: LM-79-08  
Report Number: P645296 (CONVERTED FROM TYPE C PHOTOMETRY)  
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G2-2210-813-21)  
Test Lab: COOPER LIGHTING SOLUTIONS  
Issue Date: 2/28/2023  
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)  
Product Line: MCGRAW-EDISON  
Catalog Number: GFLD-SA1A-722-U-LAM-XX  
Description: GALLEON FLOOD, ONE LIGHT SQAURE, LAMBERTIAN  
Light Source: (16) 2200K CCT, 70 CRI LEDS  
Ballast/Driver: -

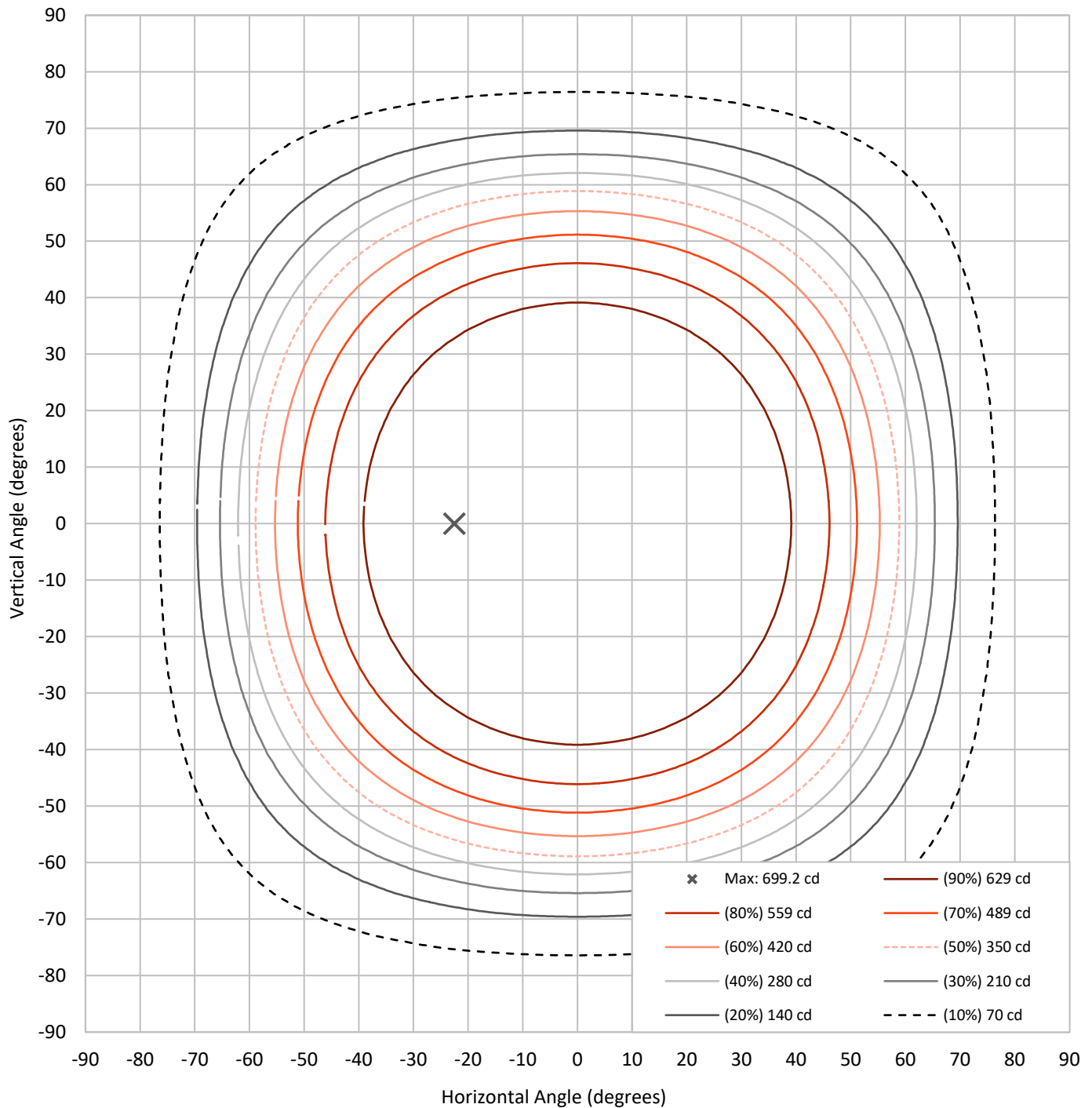
**Summary**

Lumens per Lamp:	N/A	NEMA Type:	7H x 7V
Luminaire Lumens:	2138.9 lumens	Max Intensity:	699.2 candela
Efficiency:	N/A	Max Intensity Angle:	-22.5°H x 0°V
Efficacy:	118.2 lumens/watt		
Luminous Opening:	Rectangular (W 0.5' x L: 0.5' x H: 0')		
Beam Angle (50%):	117.8°H x 112°V	Field Angle (10%):	152.8°H x 150.5°V
Beam Lumens:	1780 lumens	Field Lumens:	2096.8 lumens
Beam Efficiency:	83.2%	Field Efficiency:	98.0%
Input Watts (W):	18.1		
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		



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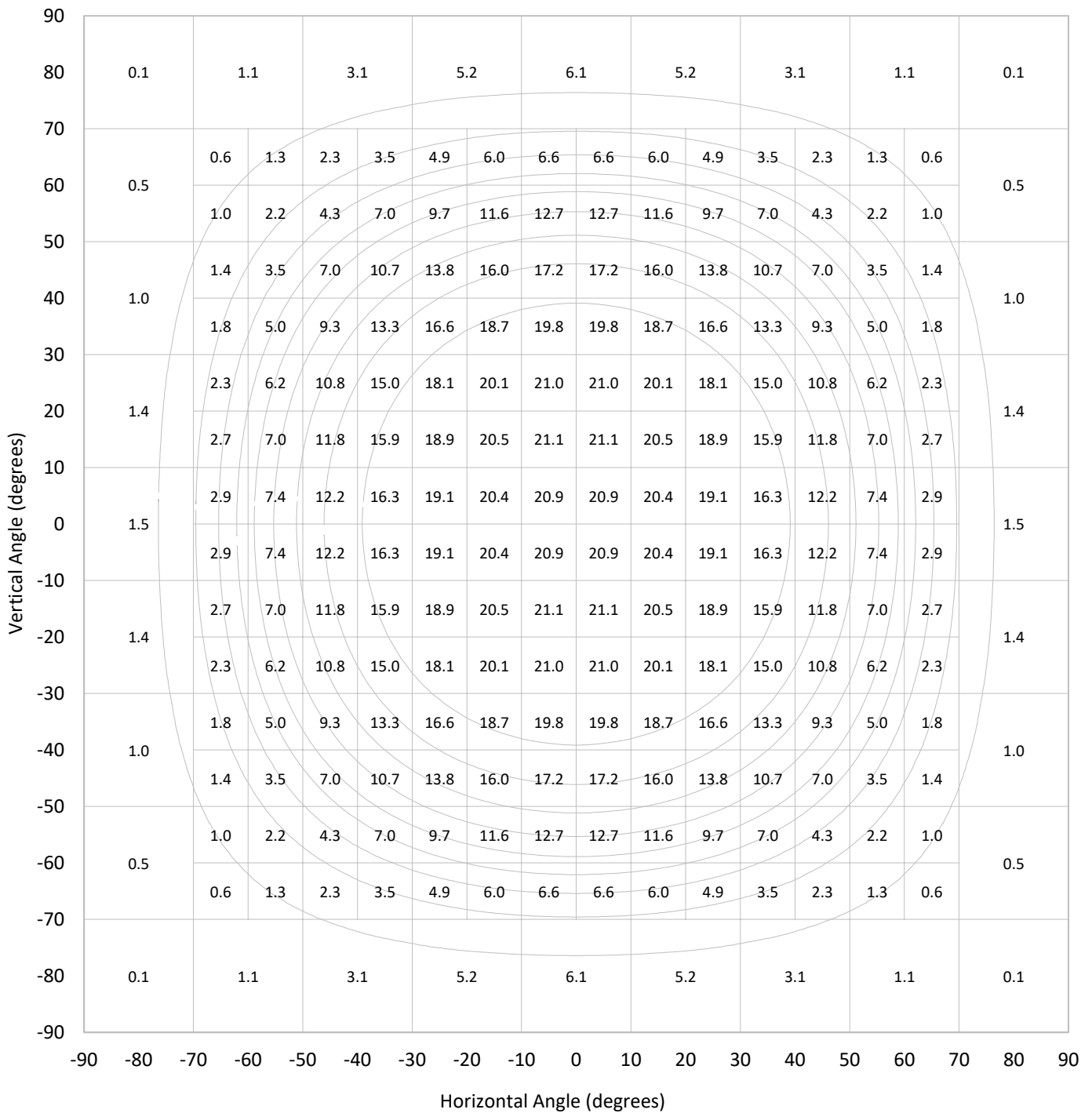
### Iso-Candela Plot





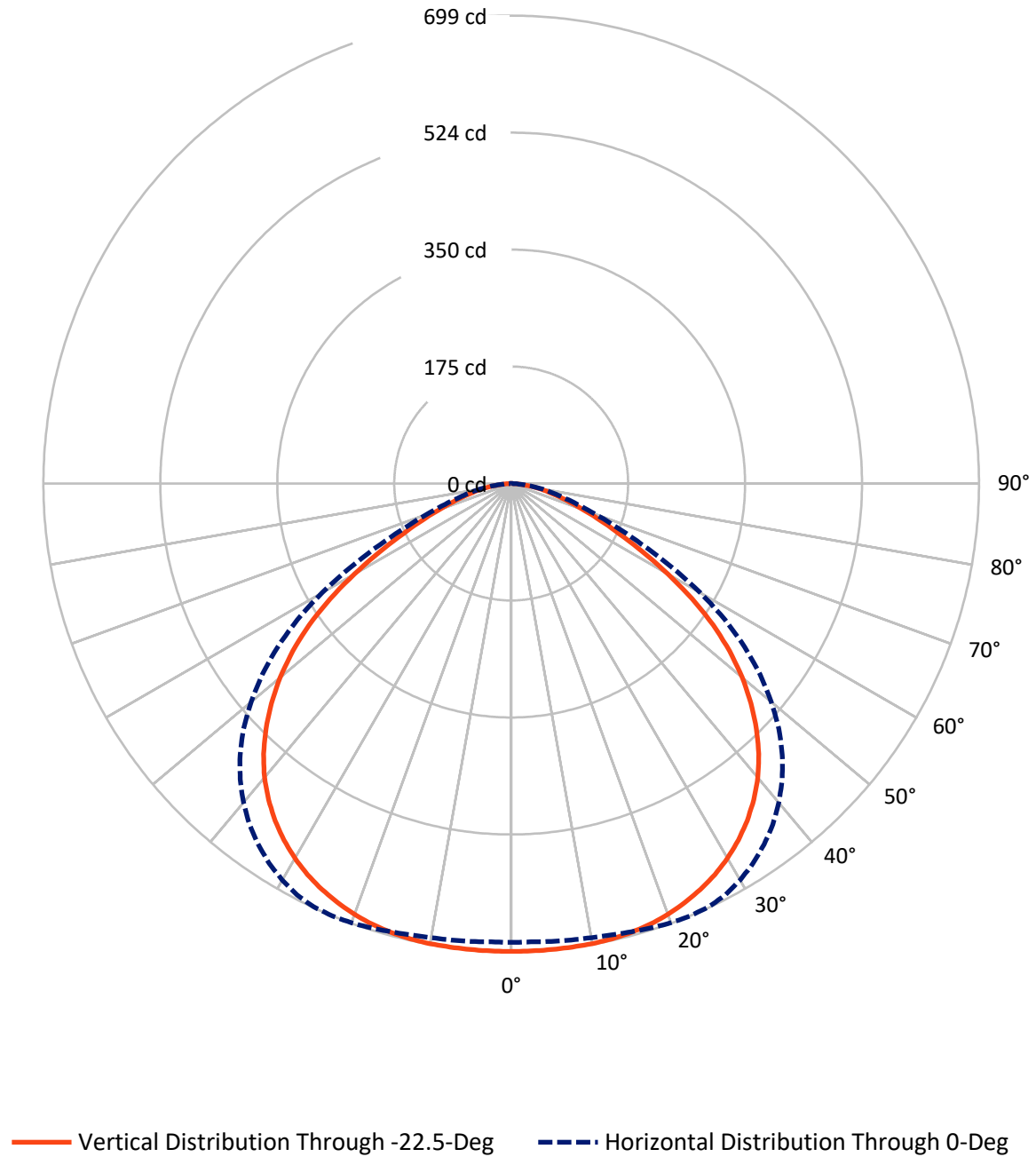
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### Lumen Table



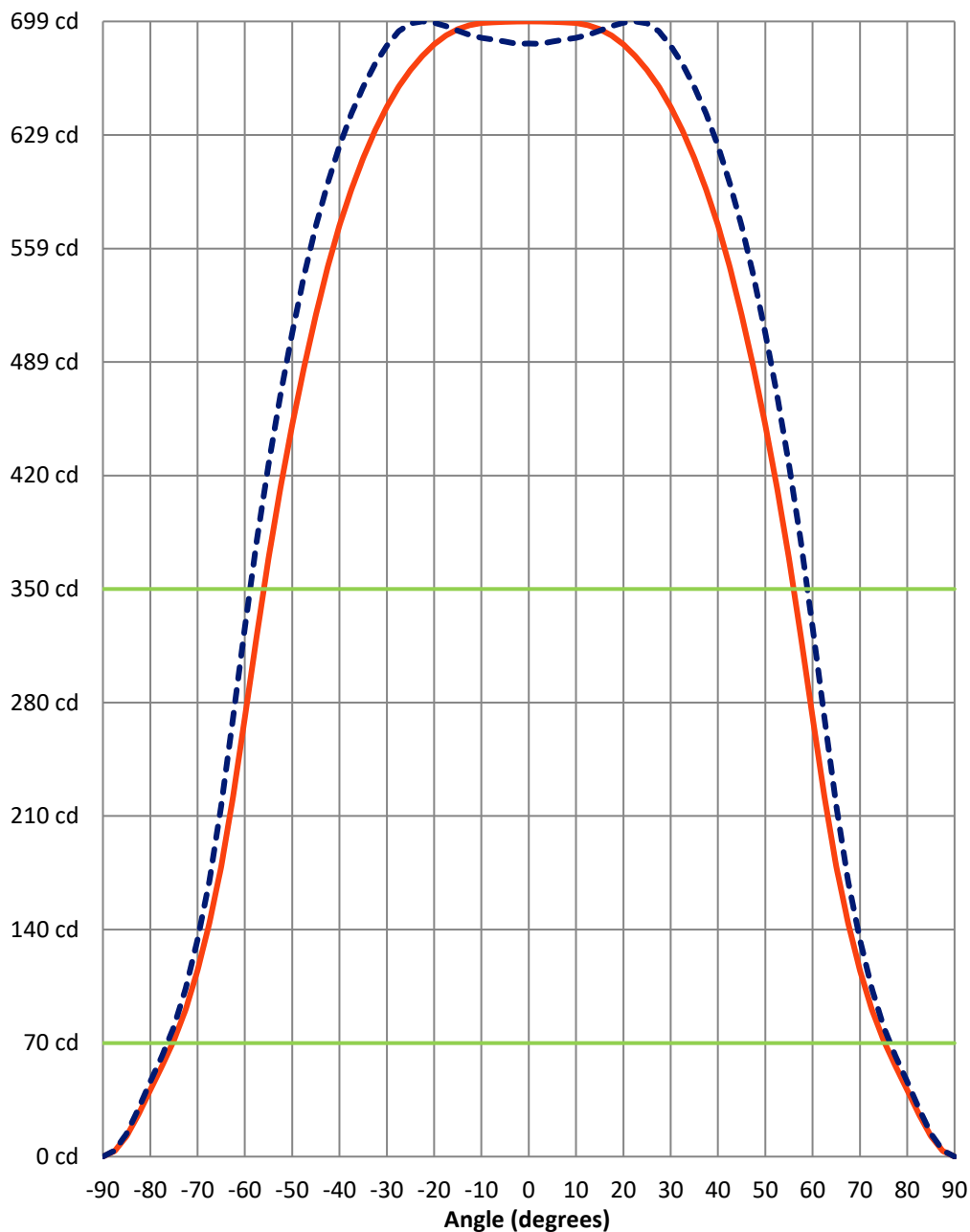
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### Luminous Intensity Polar Plot



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### Luminous Intensity Plot



**Beam:**  
 H Angle: 117.8°  
 V Angle: 112°  
 Lumens: 1780  
 Efficiency: 83.2%

**Field:**  
 H Angle: 152.8°  
 V Angle: 150.5°  
 Lumens: 2096.8  
 Efficiency: 98.0%

**Spill:**  
 Lumens: 42.1  
 Efficiency: 2.0%

— Vertical Distribution through -22.5-Deg  
 - - Horizontal Distribution through 0-Deg

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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	0.2	0.3	0.5	0.7	0.8	1.0	1.1	1.3	1.5	1.6
85°	0.0	0.3	0.7	1.0	1.3	1.6	2.0	2.3	2.6	2.9	3.2
82.5°	0.0	0.5	1.0	1.5	2.0	2.5	2.9	3.4	4.0	5.3	6.6
80°	0.0	0.7	1.3	2.0	2.6	3.3	4.1	5.9	7.6	9.3	10.9
77.5°	0.0	0.8	1.6	2.5	3.3	4.6	6.8	8.9	11.1	13.2	15.7
75°	0.0	1.0	2.0	2.9	4.1	6.8	9.4	12.0	14.7	18.4	22.0
72.5°	0.0	1.1	2.3	3.4	5.9	8.9	12.0	15.3	19.7	24.0	28.2
70°	0.0	1.3	2.6	4.0	7.6	11.1	14.7	19.7	24.6	29.5	34.8
67.5°	0.0	1.5	2.9	5.3	9.3	13.2	18.4	24.0	29.5	35.6	41.5
65°	0.0	1.6	3.2	6.6	10.9	15.7	22.0	28.2	34.8	41.5	47.9
62.5°	0.0	1.8	3.5	7.8	12.5	18.7	25.5	32.6	40.0	47.2	54.1
60°	0.0	1.9	3.8	9.0	14.1	21.6	29.0	37.1	45.1	52.7	60.1
57.5°	0.0	2.0	4.6	10.1	16.3	24.4	32.7	41.4	49.8	58.0	66.5
55°	0.0	2.2	5.3	11.3	18.6	27.2	36.3	45.6	54.5	63.3	73.0
52.5°	0.0	2.3	6.1	12.4	20.7	29.9	39.9	49.6	58.9	69.0	79.3
50°	0.0	2.4	6.8	13.4	22.8	32.7	43.3	53.4	63.4	74.5	87.2
47.5°	0.0	2.6	7.4	14.6	24.8	35.5	46.5	57.0	68.2	79.9	95.1
45°	0.0	2.7	8.1	16.0	26.7	38.1	49.6	60.6	72.8	86.6	102.6
42.5°	0.0	2.8	8.7	17.4	28.5	40.6	52.5	64.2	77.2	93.2	111.6
40°	0.0	2.9	9.3	18.7	30.4	43.1	55.2	67.9	81.8	99.4	120.4
37.5°	0.0	3.0	9.9	19.9	32.2	45.3	57.9	71.4	87.1	105.8	128.8
35°	0.0	3.1	10.4	21.1	33.9	47.5	60.3	74.7	92.0	112.9	137.4
32.5°	0.0	3.2	10.9	22.2	35.6	49.4	62.8	77.8	96.7	119.7	146.4
30°	0.0	3.3	11.4	23.3	37.1	51.2	65.3	80.9	101.1	126.0	154.9
27.5°	0.0	3.4	11.8	24.2	38.5	52.9	67.6	84.5	105.6	131.8	162.7
25°	0.0	3.4	12.2	25.1	39.8	54.4	69.7	87.7	110.4	137.9	170.1
22.5°	0.0	3.5	12.6	25.9	41.0	55.9	71.6	90.7	114.7	143.8	178.7
20°	0.0	3.6	12.9	26.6	42.0	57.1	73.3	93.4	118.7	149.2	186.4
17.5°	0.0	3.6	13.2	27.3	43.0	58.3	74.9	95.8	122.2	153.9	193.3
15°	0.0	3.7	13.5	27.8	43.8	59.2	76.2	97.9	125.2	158.1	199.3
12.5°	0.0	3.7	13.7	28.3	44.5	60.1	77.4	99.6	127.8	161.6	204.5
10°	0.0	3.7	13.9	28.7	45.1	60.8	78.3	101.1	129.9	164.5	208.7
7.5°	0.0	3.8	14.0	29.0	45.5	61.3	79.1	102.2	131.6	166.8	212.0
5°	0.0	3.8	14.1	29.2	45.8	61.7	79.6	103.0	132.7	168.4	214.3
2.5°	0.0	3.8	14.2	29.4	46.0	61.9	79.9	103.5	133.5	169.4	215.7
0°	0.0	3.8	14.2	29.4	46.1	62.0	80.0	103.7	133.7	169.7	216.2
-2.5°	0.0	3.8	14.2	29.4	46.0	61.9	79.9	103.5	133.5	169.4	215.7
-5°	0.0	3.8	14.1	29.2	45.8	61.7	79.6	103.0	132.7	168.4	214.3
-7.5°	0.0	3.8	14.0	29.0	45.5	61.3	79.1	102.2	131.6	166.8	212.0
-10°	0.0	3.7	13.9	28.7	45.1	60.8	78.3	101.1	129.9	164.5	208.7
-12.5°	0.0	3.7	13.7	28.3	44.5	60.1	77.4	99.6	127.8	161.6	204.5
-15°	0.0	3.7	13.5	27.8	43.8	59.2	76.2	97.9	125.2	158.1	199.3
-17.5°	0.0	3.6	13.2	27.3	43.0	58.3	74.9	95.8	122.2	153.9	193.3
-20°	0.0	3.6	12.9	26.6	42.0	57.1	73.3	93.4	118.7	149.2	186.4

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CATALOG NUMBER: GFLD-SA1A-722-U-LAM-XX

**CANDELA DISTRIBUTION (continued):**

	-90°	-87.5°	-85°	-82.5°	-80°	-77.5°	-75°	-72.5°	-70°	-67.5°	-65°
-22.5°	0.0	3.5	12.6	25.9	41.0	55.9	71.6	90.7	114.7	143.8	178.7
-25°	0.0	3.4	12.2	25.1	39.8	54.4	69.7	87.7	110.4	137.9	170.1
-27.5°	0.0	3.4	11.8	24.2	38.5	52.9	67.6	84.5	105.6	131.8	162.7
-30°	0.0	3.3	11.4	23.3	37.1	51.2	65.3	80.9	101.1	126.0	154.9
-32.5°	0.0	3.2	10.9	22.2	35.6	49.4	62.8	77.8	96.7	119.7	146.4
-35°	0.0	3.1	10.4	21.1	33.9	47.5	60.3	74.7	92.0	112.9	137.4
-37.5°	0.0	3.0	9.9	19.9	32.2	45.3	57.9	71.4	87.1	105.8	128.8
-40°	0.0	2.9	9.3	18.7	30.4	43.1	55.2	67.9	81.8	99.4	120.4
-42.5°	0.0	2.8	8.7	17.4	28.5	40.6	52.5	64.2	77.2	93.2	111.6
-45°	0.0	2.7	8.1	16.0	26.7	38.1	49.6	60.6	72.8	86.6	102.6
-47.5°	0.0	2.6	7.4	14.6	24.8	35.5	46.5	57.0	68.2	79.9	95.1
-50°	0.0	2.4	6.8	13.4	22.8	32.7	43.3	53.4	63.4	74.5	87.2
-52.5°	0.0	2.3	6.1	12.4	20.7	29.9	39.9	49.6	58.9	69.0	79.3
-55°	0.0	2.2	5.3	11.3	18.6	27.2	36.3	45.6	54.5	63.3	73.0
-57.5°	0.0	2.0	4.6	10.1	16.3	24.4	32.7	41.4	49.8	58.0	66.5
-60°	0.0	1.9	3.8	9.0	14.1	21.6	29.0	37.1	45.1	52.7	60.1
-62.5°	0.0	1.8	3.5	7.8	12.5	18.7	25.5	32.6	40.0	47.2	54.1
-65°	0.0	1.6	3.2	6.6	10.9	15.7	22.0	28.2	34.8	41.5	47.9
-67.5°	0.0	1.5	2.9	5.3	9.3	13.2	18.4	24.0	29.5	35.6	41.5
-70°	0.0	1.3	2.6	4.0	7.6	11.1	14.7	19.7	24.6	29.5	34.8
-72.5°	0.0	1.1	2.3	3.4	5.9	8.9	12.0	15.3	19.7	24.0	28.2
-75°	0.0	1.0	2.0	2.9	4.1	6.8	9.4	12.0	14.7	18.4	22.0
-77.5°	0.0	0.8	1.6	2.5	3.3	4.6	6.8	8.9	11.1	13.2	15.7
-80°	0.0	0.7	1.3	2.0	2.6	3.3	4.1	5.9	7.6	9.3	10.9
-82.5°	0.0	0.5	1.0	1.5	2.0	2.5	2.9	3.4	4.0	5.3	6.6
-85°	0.0	0.3	0.7	1.0	1.3	1.6	2.0	2.3	2.6	2.9	3.2
-87.5°	0.0	0.2	0.3	0.5	0.7	0.8	1.0	1.1	1.3	1.5	1.6
-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: P645296 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA1A-722-U-LAM-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°	1.8	1.9	2.0	2.2	2.3	2.4	2.6	2.7	2.8	2.9	3.0
85°	3.5	3.8	4.6	5.3	6.1	6.8	7.4	8.1	8.7	9.3	9.9
82.5°	7.8	9.0	10.1	11.3	12.4	13.4	14.6	16.0	17.4	18.7	19.9
80°	12.5	14.1	16.3	18.6	20.7	22.8	24.8	26.7	28.5	30.4	32.2
77.5°	18.7	21.6	24.4	27.2	29.9	32.7	35.5	38.1	40.6	43.1	45.3
75°	25.5	29.0	32.7	36.3	39.9	43.3	46.5	49.6	52.5	55.2	57.9
72.5°	32.6	37.1	41.4	45.6	49.6	53.4	57.0	60.6	64.2	67.9	71.4
70°	40.0	45.1	49.8	54.5	58.9	63.4	68.2	72.8	77.2	81.8	87.1
67.5°	47.2	52.7	58.0	63.3	69.0	74.5	79.9	86.6	93.2	99.4	105.8
65°	54.1	60.1	66.5	73.0	79.3	87.2	95.1	102.6	111.6	120.4	128.8
62.5°	60.8	68.1	75.4	83.4	92.6	101.5	111.8	122.4	132.5	144.0	155.1
60°	68.1	76.2	85.5	95.8	106.4	118.7	130.6	143.8	157.2	170.1	185.9
57.5°	75.4	85.5	96.9	109.1	122.8	136.6	152.2	167.2	185.3	203.3	221.2
55°	83.4	95.8	109.1	124.2	140.0	157.2	175.3	196.3	216.6	239.2	260.9
52.5°	92.6	106.4	122.8	140.0	158.9	179.7	202.9	226.9	252.2	276.8	300.9
50°	101.5	118.7	136.6	157.2	179.7	205.1	232.1	260.1	287.8	314.7	340.0
47.5°	111.8	130.6	152.2	175.3	202.9	232.1	262.8	293.3	323.1	350.7	377.2
45°	122.4	143.8	167.2	196.3	226.9	260.1	293.3	325.9	356.2	384.7	409.7
42.5°	132.5	157.2	185.3	216.6	252.2	287.8	323.1	356.2	387.2	414.7	439.8
40°	144.0	170.1	203.3	239.2	276.8	314.7	350.7	384.7	414.7	442.1	467.5
37.5°	155.1	185.9	221.2	260.9	300.9	340.0	377.2	409.7	439.8	467.5	491.9
35°	165.7	200.9	240.2	281.9	323.9	363.6	399.8	433.0	462.9	489.8	514.7
32.5°	177.5	215.1	258.2	302.1	344.9	385.3	421.2	453.6	483.4	510.7	535.4
30°	189.6	230.4	275.3	321.1	364.6	404.1	440.0	472.8	502.3	529.2	553.5
27.5°	200.9	244.9	291.7	338.3	382.5	421.7	457.2	489.5	519.1	546.2	569.7
25°	211.3	258.2	306.8	354.0	397.7	437.0	472.7	505.0	534.4	560.5	583.3
22.5°	221.6	270.5	320.6	368.5	411.6	450.6	486.0	518.3	547.8	573.6	595.6
20°	231.7	281.9	332.8	381.3	424.2	463.0	498.1	530.4	559.1	584.1	605.9
17.5°	240.6	292.0	343.5	391.6	434.6	473.6	508.8	541.2	569.2	593.5	614.8
15°	248.3	300.9	352.8	400.7	443.5	482.3	517.6	549.6	577.4	601.5	622.7
12.5°	255.0	308.5	360.8	408.4	451.2	489.8	525.1	556.7	584.0	607.8	628.6
10°	260.4	314.7	367.3	414.8	457.5	496.0	531.3	562.5	589.5	613.0	633.4
7.5°	264.7	319.6	372.5	419.7	462.4	500.9	536.2	567.1	593.8	617.1	637.3
5°	267.7	323.1	376.1	423.3	466.0	504.4	539.7	570.4	596.9	620.1	640.1
2.5°	269.6	325.2	378.4	425.5	468.1	506.5	541.8	572.4	598.8	621.9	641.7
0°	270.2	325.9	379.1	426.2	468.8	507.2	542.5	573.1	599.4	622.5	642.3
-2.5°	269.6	325.2	378.4	425.5	468.1	506.5	541.8	572.4	598.8	621.9	641.7
-5°	267.7	323.1	376.1	423.3	466.0	504.4	539.7	570.4	596.9	620.1	640.1
-7.5°	264.7	319.6	372.5	419.7	462.4	500.9	536.2	567.1	593.8	617.1	637.3
-10°	260.4	314.7	367.3	414.8	457.5	496.0	531.3	562.5	589.5	613.0	633.4
-12.5°	255.0	308.5	360.8	408.4	451.2	489.8	525.1	556.7	584.0	607.8	628.6
-15°	248.3	300.9	352.8	400.7	443.5	482.3	517.6	549.6	577.4	601.5	622.7
-17.5°	240.6	292.0	343.5	391.6	434.6	473.6	508.8	541.2	569.2	593.5	614.8
-20°	231.7	281.9	332.8	381.3	424.2	463.0	498.1	530.4	559.1	584.1	605.9

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**CANDELA DISTRIBUTION (continued):**

	-62.5°	-60°	-57.5°	-55°	-52.5°	-50°	-47.5°	-45°	-42.5°	-40°	-37.5°
-22.5°	221.6	270.5	320.6	368.5	411.6	450.6	486.0	518.3	547.8	573.6	595.6
-25°	211.3	258.2	306.8	354.0	397.7	437.0	472.7	505.0	534.4	560.5	583.3
-27.5°	200.9	244.9	291.7	338.3	382.5	421.7	457.2	489.5	519.1	546.2	569.7
-30°	189.6	230.4	275.3	321.1	364.6	404.1	440.0	472.8	502.3	529.2	553.5
-32.5°	177.5	215.1	258.2	302.1	344.9	385.3	421.2	453.6	483.4	510.7	535.4
-35°	165.7	200.9	240.2	281.9	323.9	363.6	399.8	433.0	462.9	489.8	514.7
-37.5°	155.1	185.9	221.2	260.9	300.9	340.0	377.2	409.7	439.8	467.5	491.9
-40°	144.0	170.1	203.3	239.2	276.8	314.7	350.7	384.7	414.7	442.1	467.5
-42.5°	132.5	157.2	185.3	216.6	252.2	287.8	323.1	356.2	387.2	414.7	439.8
-45°	122.4	143.8	167.2	196.3	226.9	260.1	293.3	325.9	356.2	384.7	409.7
-47.5°	111.8	130.6	152.2	175.3	202.9	232.1	262.8	293.3	323.1	350.7	377.2
-50°	101.5	118.7	136.6	157.2	179.7	205.1	232.1	260.1	287.8	314.7	340.0
-52.5°	92.6	106.4	122.8	140.0	158.9	179.7	202.9	226.9	252.2	276.8	300.9
-55°	83.4	95.8	109.1	124.2	140.0	157.2	175.3	196.3	216.6	239.2	260.9
-57.5°	75.4	85.5	96.9	109.1	122.8	136.6	152.2	167.2	185.3	203.3	221.2
-60°	68.1	76.2	85.5	95.8	106.4	118.7	130.6	143.8	157.2	170.1	185.9
-62.5°	60.8	68.1	75.4	83.4	92.6	101.5	111.8	122.4	132.5	144.0	155.1
-65°	54.1	60.1	66.5	73.0	79.3	87.2	95.1	102.6	111.6	120.4	128.8
-67.5°	47.2	52.7	58.0	63.3	69.0	74.5	79.9	86.6	93.2	99.4	105.8
-70°	40.0	45.1	49.8	54.5	58.9	63.4	68.2	72.8	77.2	81.8	87.1
-72.5°	32.6	37.1	41.4	45.6	49.6	53.4	57.0	60.6	64.2	67.9	71.4
-75°	25.5	29.0	32.7	36.3	39.9	43.3	46.5	49.6	52.5	55.2	57.9
-77.5°	18.7	21.6	24.4	27.2	29.9	32.7	35.5	38.1	40.6	43.1	45.3
-80°	12.5	14.1	16.3	18.6	20.7	22.8	24.8	26.7	28.5	30.4	32.2
-82.5°	7.8	9.0	10.1	11.3	12.4	13.4	14.6	16.0	17.4	18.7	19.9
-85°	3.5	3.8	4.6	5.3	6.1	6.8	7.4	8.1	8.7	9.3	9.9
-87.5°	1.8	1.9	2.0	2.2	2.3	2.4	2.6	2.7	2.8	2.9	3.0
-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: P645296 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: GFLD-SA1A-722-U-LAM-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°	3.1	3.2	3.3	3.4	3.4	3.5	3.6	3.6	3.7	3.7	3.7
85°	10.4	10.9	11.4	11.8	12.2	12.6	12.9	13.2	13.5	13.7	13.9
82.5°	21.1	22.2	23.3	24.2	25.1	25.9	26.6	27.3	27.8	28.3	28.7
80°	33.9	35.6	37.1	38.5	39.8	41.0	42.0	43.0	43.8	44.5	45.1
77.5°	47.5	49.4	51.2	52.9	54.4	55.9	57.1	58.3	59.2	60.1	60.8
75°	60.3	62.8	65.3	67.6	69.7	71.6	73.3	74.9	76.2	77.4	78.3
72.5°	74.7	77.8	80.9	84.5	87.7	90.7	93.4	95.8	97.9	99.6	101.1
70°	92.0	96.7	101.1	105.6	110.4	114.7	118.7	122.2	125.2	127.8	129.9
67.5°	112.9	119.7	126.0	131.8	137.9	143.8	149.2	153.9	158.1	161.6	164.5
65°	137.4	146.4	154.9	162.7	170.1	178.7	186.4	193.3	199.3	204.5	208.7
62.5°	165.7	177.5	189.6	200.9	211.3	221.6	231.7	240.6	248.3	255.0	260.4
60°	200.9	215.1	230.4	244.9	258.2	270.5	281.9	292.0	300.9	308.5	314.7
57.5°	240.2	258.2	275.3	291.7	306.8	320.6	332.8	343.5	352.8	360.8	367.3
55°	281.9	302.1	321.1	338.3	354.0	368.5	381.3	391.6	400.7	408.4	414.8
52.5°	323.9	344.9	364.6	382.5	397.7	411.6	424.2	434.6	443.5	451.2	457.5
50°	363.6	385.3	404.1	421.7	437.0	450.6	463.0	473.6	482.3	489.8	496.0
47.5°	399.8	421.2	440.0	457.2	472.7	486.0	498.1	508.8	517.6	525.1	531.3
45°	433.0	453.6	472.8	489.5	505.0	518.3	530.4	541.2	549.6	556.7	562.5
42.5°	462.9	483.4	502.3	519.1	534.4	547.8	559.1	569.2	577.4	584.0	589.5
40°	489.8	510.7	529.2	546.2	560.5	573.6	584.1	593.5	601.5	607.8	613.0
37.5°	514.7	535.4	553.5	569.7	583.3	595.6	605.9	614.8	622.7	628.6	633.4
35°	537.5	557.2	575.1	590.0	603.4	614.9	625.1	633.4	640.7	646.3	650.7
32.5°	557.2	576.7	593.3	608.0	621.1	631.9	641.7	649.2	655.9	661.2	665.3
30°	575.1	593.3	609.5	624.0	636.0	646.5	655.3	662.7	668.8	673.9	677.5
27.5°	590.0	608.0	624.0	637.4	648.9	659.0	667.0	674.1	679.5	684.2	687.3
25°	603.4	621.1	636.0	648.9	660.1	669.3	676.9	683.3	688.1	692.1	694.5
22.5°	614.9	631.9	646.5	659.0	669.3	677.9	685.1	690.5	694.4	696.9	698.2
20°	625.1	641.7	655.3	667.0	676.9	685.1	691.4	695.4	698.1	698.7	699.1
17.5°	633.4	649.2	662.7	674.1	683.3	690.5	695.4	698.2	699.0	698.8	698.4
15°	640.7	655.9	668.8	679.5	688.1	694.4	698.1	699.0	698.7	697.9	696.7
12.5°	646.3	661.2	673.9	684.2	692.1	696.9	698.7	698.8	697.9	696.4	694.6
10°	650.7	665.3	677.5	687.3	694.5	698.2	699.1	698.4	696.7	694.6	692.6
7.5°	654.2	668.6	680.4	689.8	696.0	698.6	698.8	697.6	695.4	693.0	690.9
5°	656.8	671.0	682.5	691.6	697.1	699.0	698.6	696.9	694.4	691.9	689.9
2.5°	658.3	672.4	683.8	692.7	697.8	699.1	698.4	696.4	693.7	691.2	689.3
0°	658.8	672.9	684.2	693.1	698.0	699.2	698.4	696.3	693.5	690.9	689.1
-2.5°	658.3	672.4	683.8	692.7	697.8	699.1	698.4	696.4	693.7	691.2	689.3
-5°	656.8	671.0	682.5	691.6	697.1	699.0	698.6	696.9	694.4	691.9	689.9
-7.5°	654.2	668.6	680.4	689.8	696.0	698.6	698.8	697.6	695.4	693.0	690.9
-10°	650.7	665.3	677.5	687.3	694.5	698.2	699.1	698.4	696.7	694.6	692.6
-12.5°	646.3	661.2	673.9	684.2	692.1	696.9	698.7	698.8	697.9	696.4	694.6
-15°	640.7	655.9	668.8	679.5	688.1	694.4	698.1	699.0	698.7	697.9	696.7
-17.5°	633.4	649.2	662.7	674.1	683.3	690.5	695.4	698.2	699.0	698.8	698.4
-20°	625.1	641.7	655.3	667.0	676.9	685.1	691.4	695.4	698.1	698.7	699.1



REPORT NUMBER: P645296 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA1A-722-U-LAM-XX

**CANDELA DISTRIBUTION (continued):**

	-35°	-32.5°	-30°	-27.5°	-25°	-22.5°	-20°	-17.5°	-15°	-12.5°	-10°
-22.5°	614.9	631.9	646.5	659.0	669.3	677.9	685.1	690.5	694.4	696.9	698.2
-25°	603.4	621.1	636.0	648.9	660.1	669.3	676.9	683.3	688.1	692.1	694.5
-27.5°	590.0	608.0	624.0	637.4	648.9	659.0	667.0	674.1	679.5	684.2	687.3
-30°	575.1	593.3	609.5	624.0	636.0	646.5	655.3	662.7	668.8	673.9	677.5
-32.5°	557.2	576.7	593.3	608.0	621.1	631.9	641.7	649.2	655.9	661.2	665.3
-35°	537.5	557.2	575.1	590.0	603.4	614.9	625.1	633.4	640.7	646.3	650.7
-37.5°	514.7	535.4	553.5	569.7	583.3	595.6	605.9	614.8	622.7	628.6	633.4
-40°	489.8	510.7	529.2	546.2	560.5	573.6	584.1	593.5	601.5	607.8	613.0
-42.5°	462.9	483.4	502.3	519.1	534.4	547.8	559.1	569.2	577.4	584.0	589.5
-45°	433.0	453.6	472.8	489.5	505.0	518.3	530.4	541.2	549.6	556.7	562.5
-47.5°	399.8	421.2	440.0	457.2	472.7	486.0	498.1	508.8	517.6	525.1	531.3
-50°	363.6	385.3	404.1	421.7	437.0	450.6	463.0	473.6	482.3	489.8	496.0
-52.5°	323.9	344.9	364.6	382.5	397.7	411.6	424.2	434.6	443.5	451.2	457.5
-55°	281.9	302.1	321.1	338.3	354.0	368.5	381.3	391.6	400.7	408.4	414.8
-57.5°	240.2	258.2	275.3	291.7	306.8	320.6	332.8	343.5	352.8	360.8	367.3
-60°	200.9	215.1	230.4	244.9	258.2	270.5	281.9	292.0	300.9	308.5	314.7
-62.5°	165.7	177.5	189.6	200.9	211.3	221.6	231.7	240.6	248.3	255.0	260.4
-65°	137.4	146.4	154.9	162.7	170.1	178.7	186.4	193.3	199.3	204.5	208.7
-67.5°	112.9	119.7	126.0	131.8	137.9	143.8	149.2	153.9	158.1	161.6	164.5
-70°	92.0	96.7	101.1	105.6	110.4	114.7	118.7	122.2	125.2	127.8	129.9
-72.5°	74.7	77.8	80.9	84.5	87.7	90.7	93.4	95.8	97.9	99.6	101.1
-75°	60.3	62.8	65.3	67.6	69.7	71.6	73.3	74.9	76.2	77.4	78.3
-77.5°	47.5	49.4	51.2	52.9	54.4	55.9	57.1	58.3	59.2	60.1	60.8
-80°	33.9	35.6	37.1	38.5	39.8	41.0	42.0	43.0	43.8	44.5	45.1
-82.5°	21.1	22.2	23.3	24.2	25.1	25.9	26.6	27.3	27.8	28.3	28.7
-85°	10.4	10.9	11.4	11.8	12.2	12.6	12.9	13.2	13.5	13.7	13.9
-87.5°	3.1	3.2	3.3	3.4	3.4	3.5	3.6	3.6	3.7	3.7	3.7
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



REPORT NUMBER: P645296 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: GFLD-SA1A-722-U-LAM-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°	3.8	3.8	3.8	3.8	3.8	3.8	3.8	3.7	3.7	3.7	3.6
85°	14.0	14.1	14.2	14.2	14.2	14.1	14.0	13.9	13.7	13.5	13.2
82.5°	29.0	29.2	29.4	29.4	29.4	29.2	29.0	28.7	28.3	27.8	27.3
80°	45.5	45.8	46.0	46.1	46.0	45.8	45.5	45.1	44.5	43.8	43.0
77.5°	61.3	61.7	61.9	62.0	61.9	61.7	61.3	60.8	60.1	59.2	58.3
75°	79.1	79.6	79.9	80.0	79.9	79.6	79.1	78.3	77.4	76.2	74.9
72.5°	102.2	103.0	103.5	103.7	103.5	103.0	102.2	101.1	99.6	97.9	95.8
70°	131.6	132.7	133.5	133.7	133.5	132.7	131.6	129.9	127.8	125.2	122.2
67.5°	166.8	168.4	169.4	169.7	169.4	168.4	166.8	164.5	161.6	158.1	153.9
65°	212.0	214.3	215.7	216.2	215.7	214.3	212.0	208.7	204.5	199.3	193.3
62.5°	264.7	267.7	269.6	270.2	269.6	267.7	264.7	260.4	255.0	248.3	240.6
60°	319.6	323.1	325.2	325.9	325.2	323.1	319.6	314.7	308.5	300.9	292.0
57.5°	372.5	376.1	378.4	379.1	378.4	376.1	372.5	367.3	360.8	352.8	343.5
55°	419.7	423.3	425.5	426.2	425.5	423.3	419.7	414.8	408.4	400.7	391.6
52.5°	462.4	466.0	468.1	468.8	468.1	466.0	462.4	457.5	451.2	443.5	434.6
50°	500.9	504.4	506.5	507.2	506.5	504.4	500.9	496.0	489.8	482.3	473.6
47.5°	536.2	539.7	541.8	542.5	541.8	539.7	536.2	531.3	525.1	517.6	508.8
45°	567.1	570.4	572.4	573.1	572.4	570.4	567.1	562.5	556.7	549.6	541.2
42.5°	593.8	596.9	598.8	599.4	598.8	596.9	593.8	589.5	584.0	577.4	569.2
40°	617.1	620.1	621.9	622.5	621.9	620.1	617.1	613.0	607.8	601.5	593.5
37.5°	637.3	640.1	641.7	642.3	641.7	640.1	637.3	633.4	628.6	622.7	614.8
35°	654.2	656.8	658.3	658.8	658.3	656.8	654.2	650.7	646.3	640.7	633.4
32.5°	668.6	671.0	672.4	672.9	672.4	671.0	668.6	665.3	661.2	655.9	649.2
30°	680.4	682.5	683.8	684.2	683.8	682.5	680.4	677.5	673.9	668.8	662.7
27.5°	689.8	691.6	692.7	693.1	692.7	691.6	689.8	687.3	684.2	679.5	674.1
25°	696.0	697.1	697.8	698.0	697.8	697.1	696.0	694.5	692.1	688.1	683.3
22.5°	698.6	699.0	699.1	699.2	699.1	699.0	698.6	698.2	696.9	694.4	690.5
20°	698.8	698.6	698.4	698.4	698.4	698.6	698.8	699.1	698.7	698.1	695.4
17.5°	697.6	696.9	696.4	696.3	696.4	696.9	697.6	698.4	698.8	699.0	698.2
15°	695.4	694.4	693.7	693.5	693.7	694.4	695.4	696.7	697.9	698.7	699.0
12.5°	693.0	691.9	691.2	690.9	691.2	691.9	693.0	694.6	696.4	697.9	698.8
10°	690.9	689.9	689.3	689.1	689.3	689.9	690.9	692.6	694.6	696.7	698.4
7.5°	689.5	688.7	688.2	688.0	688.2	688.7	689.5	690.9	693.0	695.4	697.6
5°	688.7	687.8	687.1	686.8	687.1	687.8	688.7	689.9	691.9	694.4	696.9
2.5°	688.2	687.1	686.0	685.4	686.0	687.1	688.2	689.3	691.2	693.7	696.4
0°	<b>688.0</b>	<b>686.8</b>	<b>685.4</b>	<b>685.6</b>	<b>685.4</b>	<b>686.8</b>	<b>688.0</b>	<b>689.1</b>	<b>690.9</b>	<b>693.5</b>	<b>696.3</b>
-2.5°	688.2	687.1	686.0	685.4	686.0	687.1	688.2	689.3	691.2	693.7	696.4
-5°	688.7	687.8	687.1	686.8	687.1	687.8	688.7	689.9	691.9	694.4	696.9
-7.5°	689.5	688.7	688.2	688.0	688.2	688.7	689.5	690.9	693.0	695.4	697.6
-10°	690.9	689.9	689.3	689.1	689.3	689.9	690.9	692.6	694.6	696.7	698.4
-12.5°	693.0	691.9	691.2	690.9	691.2	691.9	693.0	694.6	696.4	697.9	698.8
-15°	695.4	694.4	693.7	693.5	693.7	694.4	695.4	696.7	697.9	698.7	699.0
-17.5°	697.6	696.9	696.4	696.3	696.4	696.9	697.6	698.4	698.8	699.0	698.2
-20°	698.8	698.6	698.4	698.4	698.4	698.6	698.8	699.1	698.7	698.1	695.4

Classified

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

Scaled Data Report



REPORT NUMBER: P645296 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA1A-722-U-LAM-XX

**CANDELA DISTRIBUTION (continued):**

	-7.5°	-5°	-2.5°	0°	2.5°	5°	7.5°	10°	12.5°	15°	17.5°
-22.5°	698.6	699.0	699.1	699.2	699.1	699.0	698.6	698.2	696.9	694.4	690.5
-25°	696.0	697.1	697.8	698.0	697.8	697.1	696.0	694.5	692.1	688.1	683.3
-27.5°	689.8	691.6	692.7	693.1	692.7	691.6	689.8	687.3	684.2	679.5	674.1
-30°	680.4	682.5	683.8	684.2	683.8	682.5	680.4	677.5	673.9	668.8	662.7
-32.5°	668.6	671.0	672.4	672.9	672.4	671.0	668.6	665.3	661.2	655.9	649.2
-35°	654.2	656.8	658.3	658.8	658.3	656.8	654.2	650.7	646.3	640.7	633.4
-37.5°	637.3	640.1	641.7	642.3	641.7	640.1	637.3	633.4	628.6	622.7	614.8
-40°	617.1	620.1	621.9	622.5	621.9	620.1	617.1	613.0	607.8	601.5	593.5
-42.5°	593.8	596.9	598.8	599.4	598.8	596.9	593.8	589.5	584.0	577.4	569.2
-45°	567.1	570.4	572.4	573.1	572.4	570.4	567.1	562.5	556.7	549.6	541.2
-47.5°	536.2	539.7	541.8	542.5	541.8	539.7	536.2	531.3	525.1	517.6	508.8
-50°	500.9	504.4	506.5	507.2	506.5	504.4	500.9	496.0	489.8	482.3	473.6
-52.5°	462.4	466.0	468.1	468.8	468.1	466.0	462.4	457.5	451.2	443.5	434.6
-55°	419.7	423.3	425.5	426.2	425.5	423.3	419.7	414.8	408.4	400.7	391.6
-57.5°	372.5	376.1	378.4	379.1	378.4	376.1	372.5	367.3	360.8	352.8	343.5
-60°	319.6	323.1	325.2	325.9	325.2	323.1	319.6	314.7	308.5	300.9	292.0
-62.5°	264.7	267.7	269.6	270.2	269.6	267.7	264.7	260.4	255.0	248.3	240.6
-65°	212.0	214.3	215.7	216.2	215.7	214.3	212.0	208.7	204.5	199.3	193.3
-67.5°	166.8	168.4	169.4	169.7	169.4	168.4	166.8	164.5	161.6	158.1	153.9
-70°	131.6	132.7	133.5	133.7	133.5	132.7	131.6	129.9	127.8	125.2	122.2
-72.5°	102.2	103.0	103.5	103.7	103.5	103.0	102.2	101.1	99.6	97.9	95.8
-75°	79.1	79.6	79.9	80.0	79.9	79.6	79.1	78.3	77.4	76.2	74.9
-77.5°	61.3	61.7	61.9	62.0	61.9	61.7	61.3	60.8	60.1	59.2	58.3
-80°	45.5	45.8	46.0	46.1	46.0	45.8	45.5	45.1	44.5	43.8	43.0
-82.5°	29.0	29.2	29.4	29.4	29.4	29.2	29.0	28.7	28.3	27.8	27.3
-85°	14.0	14.1	14.2	14.2	14.2	14.1	14.0	13.9	13.7	13.5	13.2
-87.5°	3.8	3.8	3.8	3.8	3.8	3.8	3.8	3.7	3.7	3.7	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: P645296 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: GFLD-SA1A-722-U-LAM-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°	3.6	3.5	3.4	3.4	3.3	3.2	3.1	3.0	2.9	2.8	2.7
85°	12.9	12.6	12.2	11.8	11.4	10.9	10.4	9.9	9.3	8.7	8.1
82.5°	26.6	25.9	25.1	24.2	23.3	22.2	21.1	19.9	18.7	17.4	16.0
80°	42.0	41.0	39.8	38.5	37.1	35.6	33.9	32.2	30.4	28.5	26.7
77.5°	57.1	55.9	54.4	52.9	51.2	49.4	47.5	45.3	43.1	40.6	38.1
75°	73.3	71.6	69.7	67.6	65.3	62.8	60.3	57.9	55.2	52.5	49.6
72.5°	93.4	90.7	87.7	84.5	80.9	77.8	74.7	71.4	67.9	64.2	60.6
70°	118.7	114.7	110.4	105.6	101.1	96.7	92.0	87.1	81.8	77.2	72.8
67.5°	149.2	143.8	137.9	131.8	126.0	119.7	112.9	105.8	99.4	93.2	86.6
65°	186.4	178.7	170.1	162.7	154.9	146.4	137.4	128.8	120.4	111.6	102.6
62.5°	231.7	221.6	211.3	200.9	189.6	177.5	165.7	155.1	144.0	132.5	122.4
60°	281.9	270.5	258.2	244.9	230.4	215.1	200.9	185.9	170.1	157.2	143.8
57.5°	332.8	320.6	306.8	291.7	275.3	258.2	240.2	221.2	203.3	185.3	167.2
55°	381.3	368.5	354.0	338.3	321.1	302.1	281.9	260.9	239.2	216.6	196.3
52.5°	424.2	411.6	397.7	382.5	364.6	344.9	323.9	300.9	276.8	252.2	226.9
50°	463.0	450.6	437.0	421.7	404.1	385.3	363.6	340.0	314.7	287.8	260.1
47.5°	498.1	486.0	472.7	457.2	440.0	421.2	399.8	377.2	350.7	323.1	293.3
45°	530.4	518.3	505.0	489.5	472.8	453.6	433.0	409.7	384.7	356.2	325.9
42.5°	559.1	547.8	534.4	519.1	502.3	483.4	462.9	439.8	414.7	387.2	356.2
40°	584.1	573.6	560.5	546.2	529.2	510.7	489.8	467.5	442.1	414.7	384.7
37.5°	605.9	595.6	583.3	569.7	553.5	535.4	514.7	491.9	467.5	439.8	409.7
35°	625.1	614.9	603.4	590.0	575.1	557.2	537.5	514.7	489.8	462.9	433.0
32.5°	641.7	631.9	621.1	608.0	593.3	576.7	557.2	535.4	510.7	483.4	453.6
30°	655.3	646.5	636.0	624.0	609.5	593.3	575.1	553.5	529.2	502.3	472.8
27.5°	667.0	659.0	648.9	637.4	624.0	608.0	590.0	569.7	546.2	519.1	489.5
25°	676.9	669.3	660.1	648.9	636.0	621.1	603.4	583.3	560.5	534.4	505.0
22.5°	685.1	677.9	669.3	659.0	646.5	631.9	614.9	595.6	573.6	547.8	518.3
20°	691.4	685.1	676.9	667.0	655.3	641.7	625.1	605.9	584.1	559.1	530.4
17.5°	695.4	690.5	683.3	674.1	662.7	649.2	633.4	614.8	593.5	569.2	541.2
15°	698.1	694.4	688.1	679.5	668.8	655.9	640.7	622.7	601.5	577.4	549.6
12.5°	698.7	696.9	692.1	684.2	673.9	661.2	646.3	628.6	607.8	584.0	556.7
10°	699.1	698.2	694.5	687.3	677.5	665.3	650.7	633.4	613.0	589.5	562.5
7.5°	698.8	698.6	696.0	689.8	680.4	668.6	654.2	637.3	617.1	593.8	567.1
5°	698.6	699.0	697.1	691.6	682.5	671.0	656.8	640.1	620.1	596.9	570.4
2.5°	698.4	699.1	697.8	692.7	683.8	672.4	658.3	641.7	621.9	598.8	572.4
0°	698.4	699.2	698.0	693.1	684.2	672.9	658.8	642.3	622.5	599.4	573.1
-2.5°	698.4	699.1	697.8	692.7	683.8	672.4	658.3	641.7	621.9	598.8	572.4
-5°	698.6	699.0	697.1	691.6	682.5	671.0	656.8	640.1	620.1	596.9	570.4
-7.5°	698.8	698.6	696.0	689.8	680.4	668.6	654.2	637.3	617.1	593.8	567.1
-10°	699.1	698.2	694.5	687.3	677.5	665.3	650.7	633.4	613.0	589.5	562.5
-12.5°	698.7	696.9	692.1	684.2	673.9	661.2	646.3	628.6	607.8	584.0	556.7
-15°	698.1	694.4	688.1	679.5	668.8	655.9	640.7	622.7	601.5	577.4	549.6
-17.5°	695.4	690.5	683.3	674.1	662.7	649.2	633.4	614.8	593.5	569.2	541.2
-20°	691.4	685.1	676.9	667.0	655.3	641.7	625.1	605.9	584.1	559.1	530.4

Classified

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

Scaled Data Report



REPORT NUMBER: P645296 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA1A-722-U-LAM-XX

**CANDELA DISTRIBUTION (continued):**

	20°	22.5°	25°	27.5°	30°	32.5°	35°	37.5°	40°	42.5°	45°
-22.5°	685.1	677.9	669.3	659.0	646.5	631.9	614.9	595.6	573.6	547.8	518.3
-25°	676.9	669.3	660.1	648.9	636.0	621.1	603.4	583.3	560.5	534.4	505.0
-27.5°	667.0	659.0	648.9	637.4	624.0	608.0	590.0	569.7	546.2	519.1	489.5
-30°	655.3	646.5	636.0	624.0	609.5	593.3	575.1	553.5	529.2	502.3	472.8
-32.5°	641.7	631.9	621.1	608.0	593.3	576.7	557.2	535.4	510.7	483.4	453.6
-35°	625.1	614.9	603.4	590.0	575.1	557.2	537.5	514.7	489.8	462.9	433.0
-37.5°	605.9	595.6	583.3	569.7	553.5	535.4	514.7	491.9	467.5	439.8	409.7
-40°	584.1	573.6	560.5	546.2	529.2	510.7	489.8	467.5	442.1	414.7	384.7
-42.5°	559.1	547.8	534.4	519.1	502.3	483.4	462.9	439.8	414.7	387.2	356.2
-45°	530.4	518.3	505.0	489.5	472.8	453.6	433.0	409.7	384.7	356.2	325.9
-47.5°	498.1	486.0	472.7	457.2	440.0	421.2	399.8	377.2	350.7	323.1	293.3
-50°	463.0	450.6	437.0	421.7	404.1	385.3	363.6	340.0	314.7	287.8	260.1
-52.5°	424.2	411.6	397.7	382.5	364.6	344.9	323.9	300.9	276.8	252.2	226.9
-55°	381.3	368.5	354.0	338.3	321.1	302.1	281.9	260.9	239.2	216.6	196.3
-57.5°	332.8	320.6	306.8	291.7	275.3	258.2	240.2	221.2	203.3	185.3	167.2
-60°	281.9	270.5	258.2	244.9	230.4	215.1	200.9	185.9	170.1	157.2	143.8
-62.5°	231.7	221.6	211.3	200.9	189.6	177.5	165.7	155.1	144.0	132.5	122.4
-65°	186.4	178.7	170.1	162.7	154.9	146.4	137.4	128.8	120.4	111.6	102.6
-67.5°	149.2	143.8	137.9	131.8	126.0	119.7	112.9	105.8	99.4	93.2	86.6
-70°	118.7	114.7	110.4	105.6	101.1	96.7	92.0	87.1	81.8	77.2	72.8
-72.5°	93.4	90.7	87.7	84.5	80.9	77.8	74.7	71.4	67.9	64.2	60.6
-75°	73.3	71.6	69.7	67.6	65.3	62.8	60.3	57.9	55.2	52.5	49.6
-77.5°	57.1	55.9	54.4	52.9	51.2	49.4	47.5	45.3	43.1	40.6	38.1
-80°	42.0	41.0	39.8	38.5	37.1	35.6	33.9	32.2	30.4	28.5	26.7
-82.5°	26.6	25.9	25.1	24.2	23.3	22.2	21.1	19.9	18.7	17.4	16.0
-85°	12.9	12.6	12.2	11.8	11.4	10.9	10.4	9.9	9.3	8.7	8.1
-87.5°	3.6	3.5	3.4	3.4	3.3	3.2	3.1	3.0	2.9	2.8	2.7
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0





REPORT NUMBER: P645296 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: GFLD-SA1A-722-U-LAM-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°	2.6	2.4	2.3	2.2	2.0	1.9	1.8	1.6	1.5	1.3	1.1
85°	7.4	6.8	6.1	5.3	4.6	3.8	3.5	3.2	2.9	2.6	2.3
82.5°	14.6	13.4	12.4	11.3	10.1	9.0	7.8	6.6	5.3	4.0	3.4
80°	24.8	22.8	20.7	18.6	16.3	14.1	12.5	10.9	9.3	7.6	5.9
77.5°	35.5	32.7	29.9	27.2	24.4	21.6	18.7	15.7	13.2	11.1	8.9
75°	46.5	43.3	39.9	36.3	32.7	29.0	25.5	22.0	18.4	14.7	12.0
72.5°	57.0	53.4	49.6	45.6	41.4	37.1	32.6	28.2	24.0	19.7	15.3
70°	68.2	63.4	58.9	54.5	49.8	45.1	40.0	34.8	29.5	24.6	19.7
67.5°	79.9	74.5	69.0	63.3	58.0	52.7	47.2	41.5	35.6	29.5	24.0
65°	95.1	87.2	79.3	73.0	66.5	60.1	54.1	47.9	41.5	34.8	28.2
62.5°	111.8	101.5	92.6	83.4	75.4	68.1	60.8	54.1	47.2	40.0	32.6
60°	130.6	118.7	106.4	95.8	85.5	76.2	68.1	60.1	52.7	45.1	37.1
57.5°	152.2	136.6	122.8	109.1	96.9	85.5	75.4	66.5	58.0	49.8	41.4
55°	175.3	157.2	140.0	124.2	109.1	95.8	83.4	73.0	63.3	54.5	45.6
52.5°	202.9	179.7	158.9	140.0	122.8	106.4	92.6	79.3	69.0	58.9	49.6
50°	232.1	205.1	179.7	157.2	136.6	118.7	101.5	87.2	74.5	63.4	53.4
47.5°	262.8	232.1	202.9	175.3	152.2	130.6	111.8	95.1	79.9	68.2	57.0
45°	293.3	260.1	226.9	196.3	167.2	143.8	122.4	102.6	86.6	72.8	60.6
42.5°	323.1	287.8	252.2	216.6	185.3	157.2	132.5	111.6	93.2	77.2	64.2
40°	350.7	314.7	276.8	239.2	203.3	170.1	144.0	120.4	99.4	81.8	67.9
37.5°	377.2	340.0	300.9	260.9	221.2	185.9	155.1	128.8	105.8	87.1	71.4
35°	399.8	363.6	323.9	281.9	240.2	200.9	165.7	137.4	112.9	92.0	74.7
32.5°	421.2	385.3	344.9	302.1	258.2	215.1	177.5	146.4	119.7	96.7	77.8
30°	440.0	404.1	364.6	321.1	275.3	230.4	189.6	154.9	126.0	101.1	80.9
27.5°	457.2	421.7	382.5	338.3	291.7	244.9	200.9	162.7	131.8	105.6	84.5
25°	472.7	437.0	397.7	354.0	306.8	258.2	211.3	170.1	137.9	110.4	87.7
22.5°	486.0	450.6	411.6	368.5	320.6	270.5	221.6	178.7	143.8	114.7	90.7
20°	498.1	463.0	424.2	381.3	332.8	281.9	231.7	186.4	149.2	118.7	93.4
17.5°	508.8	473.6	434.6	391.6	343.5	292.0	240.6	193.3	153.9	122.2	95.8
15°	517.6	482.3	443.5	400.7	352.8	300.9	248.3	199.3	158.1	125.2	97.9
12.5°	525.1	489.8	451.2	408.4	360.8	308.5	255.0	204.5	161.6	127.8	99.6
10°	531.3	496.0	457.5	414.8	367.3	314.7	260.4	208.7	164.5	129.9	101.1
7.5°	536.2	500.9	462.4	419.7	372.5	319.6	264.7	212.0	166.8	131.6	102.2
5°	539.7	504.4	466.0	423.3	376.1	323.1	267.7	214.3	168.4	132.7	103.0
2.5°	541.8	506.5	468.1	425.5	378.4	325.2	269.6	215.7	169.4	133.5	103.5
0°	542.5	507.2	468.8	426.2	379.1	325.9	270.2	216.2	169.7	133.7	103.7
-2.5°	541.8	506.5	468.1	425.5	378.4	325.2	269.6	215.7	169.4	133.5	103.5
-5°	539.7	504.4	466.0	423.3	376.1	323.1	267.7	214.3	168.4	132.7	103.0
-7.5°	536.2	500.9	462.4	419.7	372.5	319.6	264.7	212.0	166.8	131.6	102.2
-10°	531.3	496.0	457.5	414.8	367.3	314.7	260.4	208.7	164.5	129.9	101.1
-12.5°	525.1	489.8	451.2	408.4	360.8	308.5	255.0	204.5	161.6	127.8	99.6
-15°	517.6	482.3	443.5	400.7	352.8	300.9	248.3	199.3	158.1	125.2	97.9
-17.5°	508.8	473.6	434.6	391.6	343.5	292.0	240.6	193.3	153.9	122.2	95.8
-20°	498.1	463.0	424.2	381.3	332.8	281.9	231.7	186.4	149.2	118.7	93.4

Classified

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

Scaled Data Report



REPORT NUMBER: P645296 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA1A-722-U-LAM-XX

**CANDELA DISTRIBUTION (continued):**

	47.5°	50°	52.5°	55°	57.5°	60°	62.5°	65°	67.5°	70°	72.5°
-22.5°	486.0	450.6	411.6	368.5	320.6	270.5	221.6	178.7	143.8	114.7	90.7
-25°	472.7	437.0	397.7	354.0	306.8	258.2	211.3	170.1	137.9	110.4	87.7
-27.5°	457.2	421.7	382.5	338.3	291.7	244.9	200.9	162.7	131.8	105.6	84.5
-30°	440.0	404.1	364.6	321.1	275.3	230.4	189.6	154.9	126.0	101.1	80.9
-32.5°	421.2	385.3	344.9	302.1	258.2	215.1	177.5	146.4	119.7	96.7	77.8
-35°	399.8	363.6	323.9	281.9	240.2	200.9	165.7	137.4	112.9	92.0	74.7
-37.5°	377.2	340.0	300.9	260.9	221.2	185.9	155.1	128.8	105.8	87.1	71.4
-40°	350.7	314.7	276.8	239.2	203.3	170.1	144.0	120.4	99.4	81.8	67.9
-42.5°	323.1	287.8	252.2	216.6	185.3	157.2	132.5	111.6	93.2	77.2	64.2
-45°	293.3	260.1	226.9	196.3	167.2	143.8	122.4	102.6	86.6	72.8	60.6
-47.5°	262.8	232.1	202.9	175.3	152.2	130.6	111.8	95.1	79.9	68.2	57.0
-50°	232.1	205.1	179.7	157.2	136.6	118.7	101.5	87.2	74.5	63.4	53.4
-52.5°	202.9	179.7	158.9	140.0	122.8	106.4	92.6	79.3	69.0	58.9	49.6
-55°	175.3	157.2	140.0	124.2	109.1	95.8	83.4	73.0	63.3	54.5	45.6
-57.5°	152.2	136.6	122.8	109.1	96.9	85.5	75.4	66.5	58.0	49.8	41.4
-60°	130.6	118.7	106.4	95.8	85.5	76.2	68.1	60.1	52.7	45.1	37.1
-62.5°	111.8	101.5	92.6	83.4	75.4	68.1	60.8	54.1	47.2	40.0	32.6
-65°	95.1	87.2	79.3	73.0	66.5	60.1	54.1	47.9	41.5	34.8	28.2
-67.5°	79.9	74.5	69.0	63.3	58.0	52.7	47.2	41.5	35.6	29.5	24.0
-70°	68.2	63.4	58.9	54.5	49.8	45.1	40.0	34.8	29.5	24.6	19.7
-72.5°	57.0	53.4	49.6	45.6	41.4	37.1	32.6	28.2	24.0	19.7	15.3
-75°	46.5	43.3	39.9	36.3	32.7	29.0	25.5	22.0	18.4	14.7	12.0
-77.5°	35.5	32.7	29.9	27.2	24.4	21.6	18.7	15.7	13.2	11.1	8.9
-80°	24.8	22.8	20.7	18.6	16.3	14.1	12.5	10.9	9.3	7.6	5.9
-82.5°	14.6	13.4	12.4	11.3	10.1	9.0	7.8	6.6	5.3	4.0	3.4
-85°	7.4	6.8	6.1	5.3	4.6	3.8	3.5	3.2	2.9	2.6	2.3
-87.5°	2.6	2.4	2.3	2.2	2.0	1.9	1.8	1.6	1.5	1.3	1.1
-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: P645296 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA1A-722-U-LAM-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°	1.0	0.8	0.7	0.5	0.3	0.2	0.0
85°	2.0	1.6	1.3	1.0	0.7	0.3	0.0
82.5°	2.9	2.5	2.0	1.5	1.0	0.5	0.0
80°	4.1	3.3	2.6	2.0	1.3	0.7	0.0
77.5°	6.8	4.6	3.3	2.5	1.6	0.8	0.0
75°	9.4	6.8	4.1	2.9	2.0	1.0	0.0
72.5°	12.0	8.9	5.9	3.4	2.3	1.1	0.0
70°	14.7	11.1	7.6	4.0	2.6	1.3	0.0
67.5°	18.4	13.2	9.3	5.3	2.9	1.5	0.0
65°	22.0	15.7	10.9	6.6	3.2	1.6	0.0
62.5°	25.5	18.7	12.5	7.8	3.5	1.8	0.0
60°	29.0	21.6	14.1	9.0	3.8	1.9	0.0
57.5°	32.7	24.4	16.3	10.1	4.6	2.0	0.0
55°	36.3	27.2	18.6	11.3	5.3	2.2	0.0
52.5°	39.9	29.9	20.7	12.4	6.1	2.3	0.0
50°	43.3	32.7	22.8	13.4	6.8	2.4	0.0
47.5°	46.5	35.5	24.8	14.6	7.4	2.6	0.0
45°	49.6	38.1	26.7	16.0	8.1	2.7	0.0
42.5°	52.5	40.6	28.5	17.4	8.7	2.8	0.0
40°	55.2	43.1	30.4	18.7	9.3	2.9	0.0
37.5°	57.9	45.3	32.2	19.9	9.9	3.0	0.0
35°	60.3	47.5	33.9	21.1	10.4	3.1	0.0
32.5°	62.8	49.4	35.6	22.2	10.9	3.2	0.0
30°	65.3	51.2	37.1	23.3	11.4	3.3	0.0
27.5°	67.6	52.9	38.5	24.2	11.8	3.4	0.0
25°	69.7	54.4	39.8	25.1	12.2	3.4	0.0
22.5°	71.6	55.9	41.0	25.9	12.6	3.5	0.0
20°	73.3	57.1	42.0	26.6	12.9	3.6	0.0
17.5°	74.9	58.3	43.0	27.3	13.2	3.6	0.0
15°	76.2	59.2	43.8	27.8	13.5	3.7	0.0
12.5°	77.4	60.1	44.5	28.3	13.7	3.7	0.0
10°	78.3	60.8	45.1	28.7	13.9	3.7	0.0
7.5°	79.1	61.3	45.5	29.0	14.0	3.8	0.0
5°	79.6	61.7	45.8	29.2	14.1	3.8	0.0
2.5°	79.9	61.9	46.0	29.4	14.2	3.8	0.0
0°	80.0	62.0	46.1	29.4	14.2	3.8	0.0
-2.5°	79.9	61.9	46.0	29.4	14.2	3.8	0.0
-5°	79.6	61.7	45.8	29.2	14.1	3.8	0.0
-7.5°	79.1	61.3	45.5	29.0	14.0	3.8	0.0
-10°	78.3	60.8	45.1	28.7	13.9	3.7	0.0
-12.5°	77.4	60.1	44.5	28.3	13.7	3.7	0.0
-15°	76.2	59.2	43.8	27.8	13.5	3.7	0.0
-17.5°	74.9	58.3	43.0	27.3	13.2	3.6	0.0
-20°	73.3	57.1	42.0	26.6	12.9	3.6	0.0

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REPORT NUMBER: P645296 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA1A-722-U-LAM-XX

**CANDELA DISTRIBUTION (continued):**

	75°	77.5°	80°	82.5°	85°	87.5°	90°
-22.5°	71.6	55.9	41.0	25.9	12.6	3.5	0.0
-25°	69.7	54.4	39.8	25.1	12.2	3.4	0.0
-27.5°	67.6	52.9	38.5	24.2	11.8	3.4	0.0
-30°	65.3	51.2	37.1	23.3	11.4	3.3	0.0
-32.5°	62.8	49.4	35.6	22.2	10.9	3.2	0.0
-35°	60.3	47.5	33.9	21.1	10.4	3.1	0.0
-37.5°	57.9	45.3	32.2	19.9	9.9	3.0	0.0
-40°	55.2	43.1	30.4	18.7	9.3	2.9	0.0
-42.5°	52.5	40.6	28.5	17.4	8.7	2.8	0.0
-45°	49.6	38.1	26.7	16.0	8.1	2.7	0.0
-47.5°	46.5	35.5	24.8	14.6	7.4	2.6	0.0
-50°	43.3	32.7	22.8	13.4	6.8	2.4	0.0
-52.5°	39.9	29.9	20.7	12.4	6.1	2.3	0.0
-55°	36.3	27.2	18.6	11.3	5.3	2.2	0.0
-57.5°	32.7	24.4	16.3	10.1	4.6	2.0	0.0
-60°	29.0	21.6	14.1	9.0	3.8	1.9	0.0
-62.5°	25.5	18.7	12.5	7.8	3.5	1.8	0.0
-65°	22.0	15.7	10.9	6.6	3.2	1.6	0.0
-67.5°	18.4	13.2	9.3	5.3	2.9	1.5	0.0
-70°	14.7	11.1	7.6	4.0	2.6	1.3	0.0
-72.5°	12.0	8.9	5.9	3.4	2.3	1.1	0.0
-75°	9.4	6.8	4.1	2.9	2.0	1.0	0.0
-77.5°	6.8	4.6	3.3	2.5	1.6	0.8	0.0
-80°	4.1	3.3	2.6	2.0	1.3	0.7	0.0
-82.5°	2.9	2.5	2.0	1.5	1.0	0.5	0.0
-85°	2.0	1.6	1.3	1.0	0.7	0.3	0.0
-87.5°	1.0	0.8	0.7	0.5	0.3	0.2	0.0
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0

(END OF REPORT)