

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: P645304 (CONVERTED FROM TYPE C PHOTOMETRY)

Luminaire Tested: GFLD-SA1A-740-U-LAM-XX

Issue Date: 2/28/2023

**Test Information**

Test Method: LM-79-2019  
Report Number: P645304 (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: 5/4/2023  
Manufacturer: COOPER LIGHTING SOLUTIONS  
Product Line: MCGRAW-EDISON  
Catalog Number: GFLD-SA1A-740-U-LAM-XX  
Description: GALLEON FLOOD, ONE LIGHT SQAURE, LAMBERTIAN  
Light Source: (16) 4000K CCT, 70 CRI LEDS  
Ballast/Driver: -

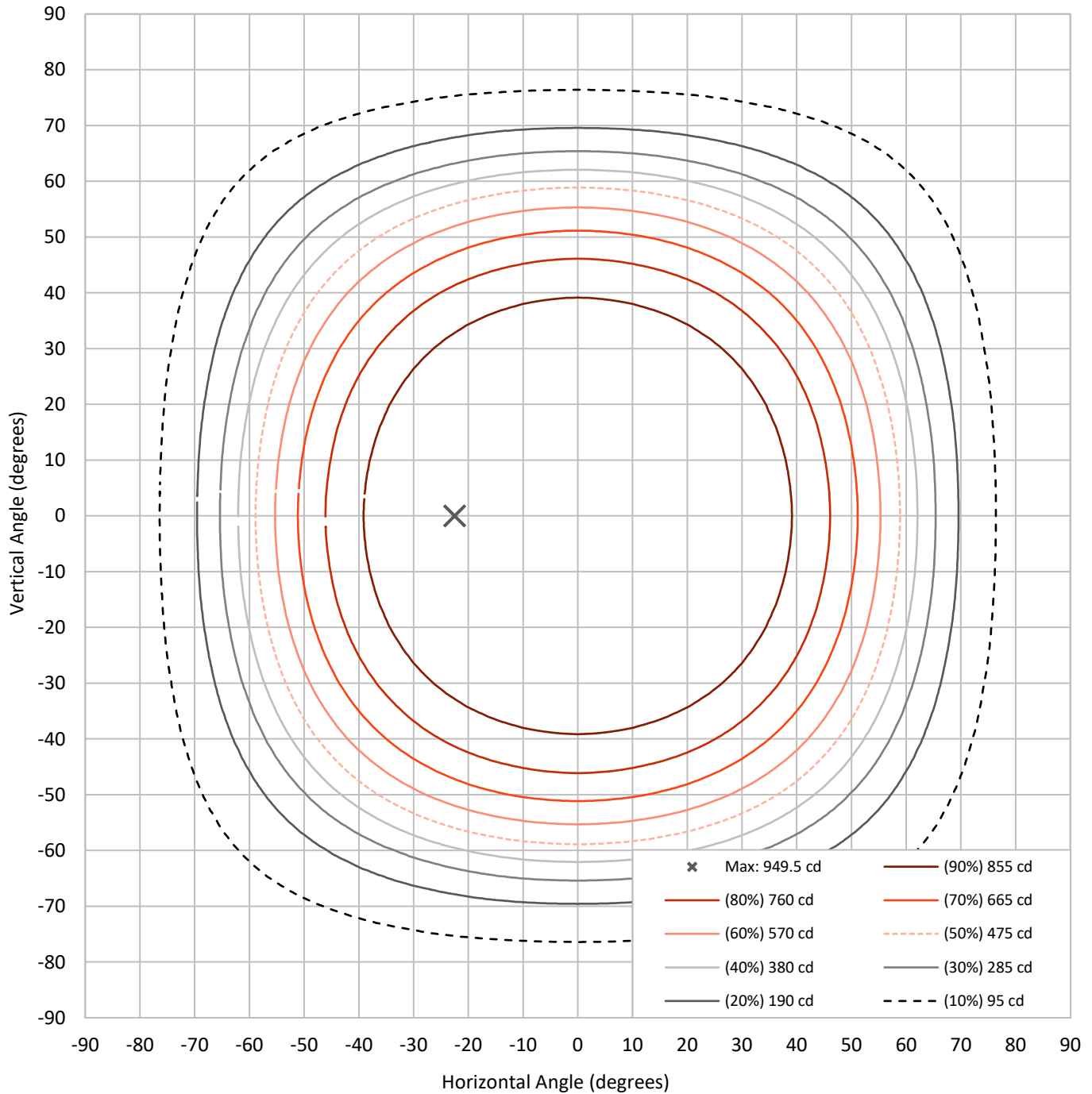
**Summary**

Lumens per Lamp:	N/A	NEMA Type:	7H x 7V
Luminaire Lumens:	2904.5 lumens	Max Intensity:	949.5 candela
Efficiency:	N/A	Max Intensity Angle:	-22.5°H x 0°V
Efficacy:	160.5 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:	2417.2 lumens	Field Lumens:	2847.4 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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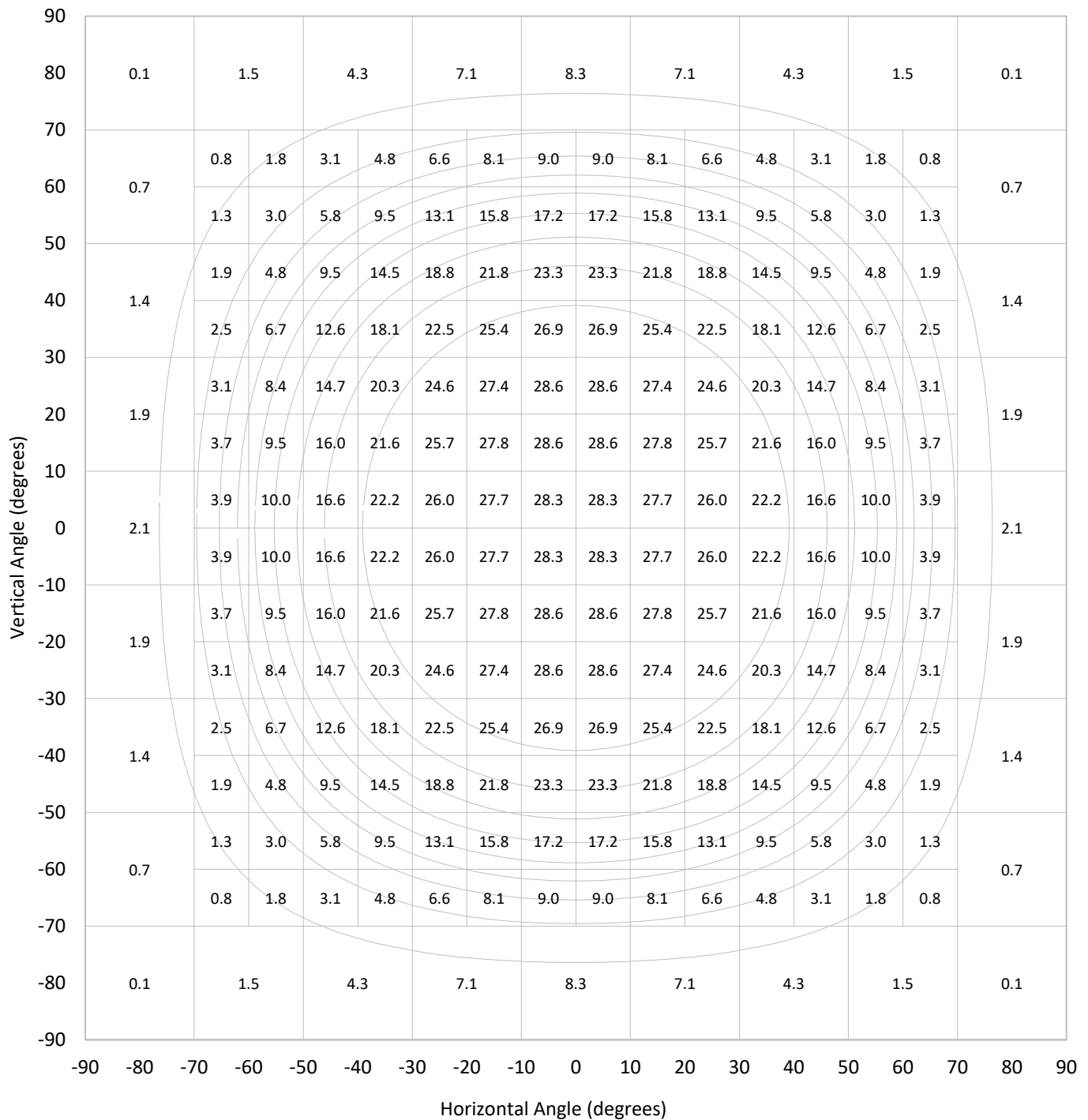
### Iso-Candela Plot





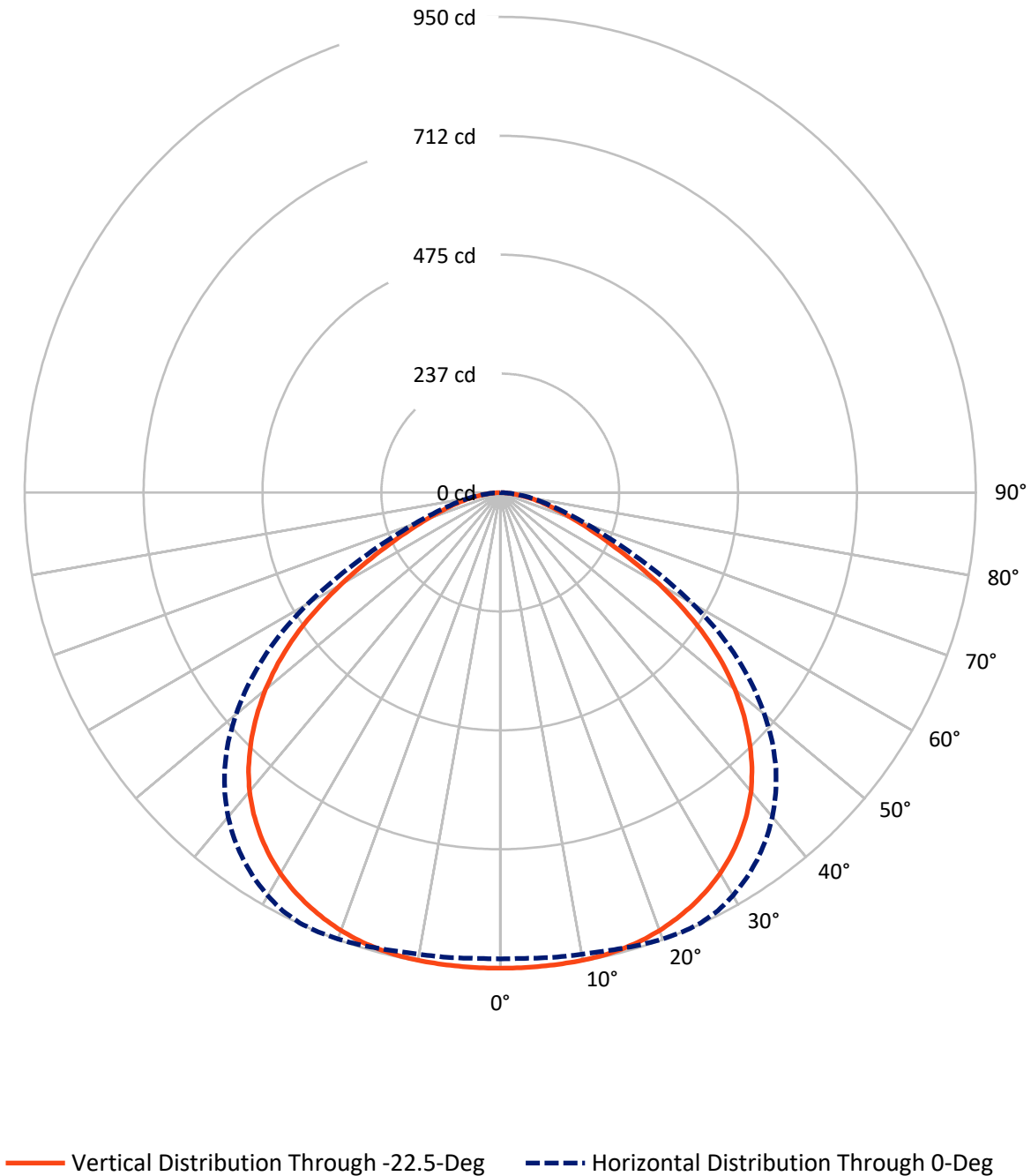
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### Lumen Table



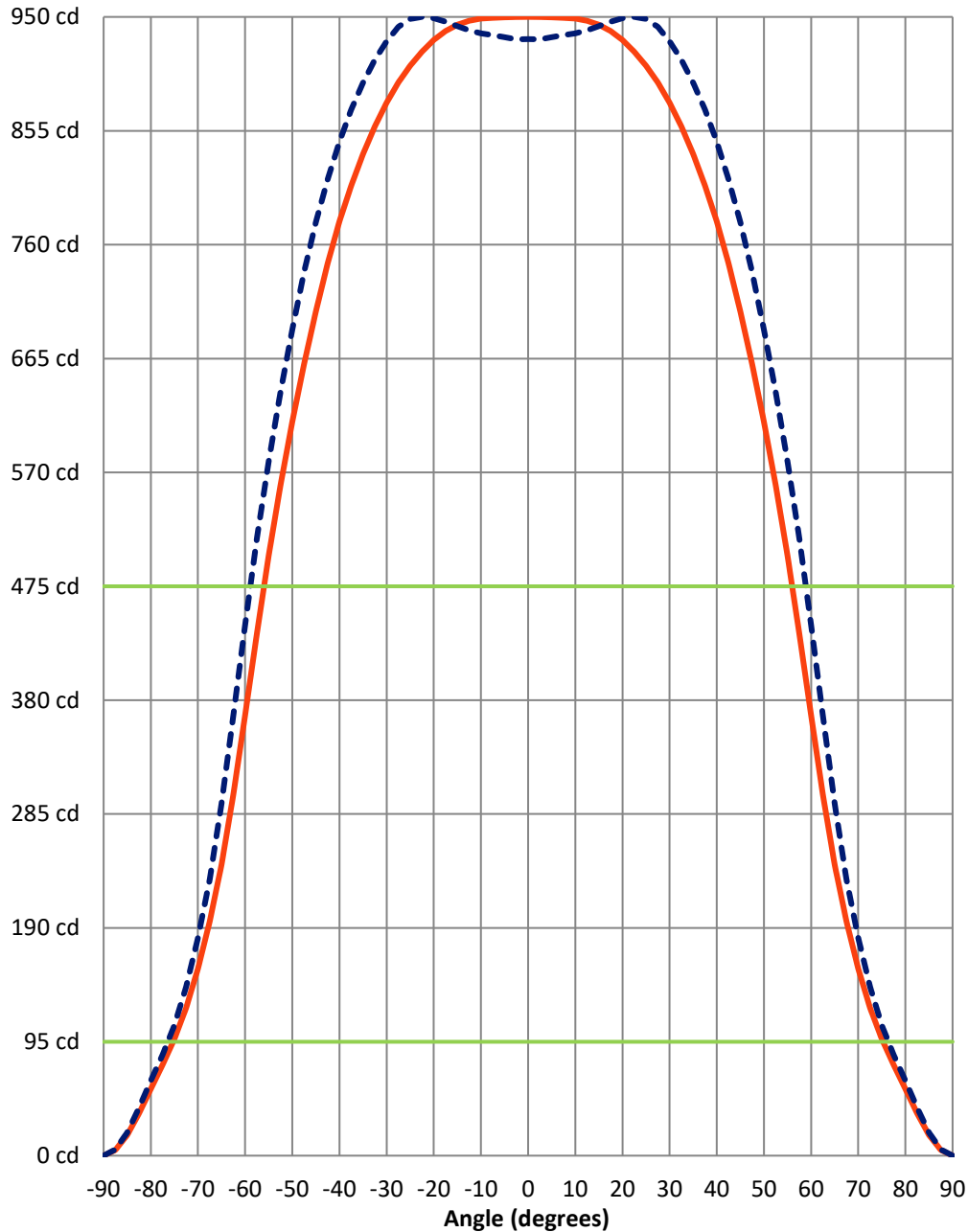
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### Luminous Intensity Polar Plot



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### Luminous Intensity Plot



**Beam:**  
 H Angle: 117.8°  
 V Angle: 112°  
 Lumens: 2417.2  
 Efficiency: 83.2%

**Field:**  
 H Angle: 152.8°  
 V Angle: 150.5°  
 Lumens: 2847.4  
 Efficiency: 98.0%

**Spill:**  
 Lumens: 57.1  
 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	0.5	0.7	0.9	1.1	1.3	1.6	1.8	2.0	2.2
85°	0.0	0.5	0.9	1.4	1.8	2.2	2.7	3.1	3.6	4.0	4.4
82.5°	0.0	0.7	1.4	2.0	2.7	3.4	4.0	4.7	5.5	7.2	8.9
80°	0.0	0.9	1.8	2.7	3.6	4.5	5.6	8.0	10.3	12.6	14.8
77.5°	0.0	1.1	2.2	3.4	4.5	6.2	9.2	12.1	15.0	17.9	21.3
75°	0.0	1.3	2.7	4.0	5.6	9.2	12.8	16.3	19.9	24.9	29.8
72.5°	0.0	1.6	3.1	4.7	8.0	12.1	16.3	20.8	26.7	32.5	38.3
70°	0.0	1.8	3.6	5.5	10.3	15.0	19.9	26.7	33.5	40.1	47.2
67.5°	0.0	2.0	4.0	7.2	12.6	17.9	24.9	32.5	40.1	48.2	56.2
65°	0.0	2.2	4.4	8.9	14.8	21.3	29.8	38.3	47.2	56.2	65.0
62.5°	0.0	2.4	4.8	10.6	17.0	25.4	34.7	44.3	54.2	64.0	73.3
60°	0.0	2.6	5.2	12.2	19.2	29.3	39.4	50.3	61.1	71.4	81.5
57.5°	0.0	2.8	6.2	13.8	22.2	33.1	44.4	56.2	67.6	78.6	90.2
55°	0.0	3.0	7.3	15.3	25.2	36.9	49.3	61.9	73.8	85.9	99.1
52.5°	0.0	3.2	8.3	16.8	28.1	40.5	54.0	67.2	79.9	93.7	107.8
50°	0.0	3.3	9.2	18.2	30.9	44.4	58.7	72.4	86.1	101.2	118.5
47.5°	0.0	3.5	10.1	19.8	33.6	48.1	63.1	77.4	92.6	108.5	129.2
45°	0.0	3.7	11.0	21.7	36.2	51.7	67.2	82.2	98.8	117.7	139.5
42.5°	0.0	3.8	11.9	23.6	38.7	55.1	71.1	87.1	104.8	126.6	151.6
40°	0.0	4.0	12.7	25.4	41.2	58.4	74.9	92.1	111.1	135.1	163.5
37.5°	0.0	4.1	13.5	27.1	43.7	61.5	78.5	96.9	118.3	143.7	174.9
35°	0.0	4.3	14.2	28.7	46.0	64.3	81.9	101.4	125.1	153.4	186.6
32.5°	0.0	4.4	14.9	30.2	48.2	67.0	85.2	105.7	131.4	162.5	198.8
30°	0.0	4.5	15.5	31.6	50.3	69.4	88.6	109.9	137.4	171.1	210.3
27.5°	0.0	4.6	16.1	32.9	52.2	71.7	91.7	114.8	143.5	179.0	221.0
25°	0.0	4.7	16.7	34.1	54.0	73.8	94.6	119.2	150.0	187.3	230.9
22.5°	0.0	4.8	17.1	35.2	55.6	75.8	97.2	123.3	155.9	195.4	242.6
20°	0.0	4.9	17.6	36.2	57.0	77.5	99.6	126.9	161.2	202.6	253.1
17.5°	0.0	5.0	18.0	37.0	58.3	79.0	101.7	130.2	165.9	209.0	262.5
15°	0.0	5.0	18.3	37.8	59.4	80.4	103.6	133.0	170.1	214.7	270.7
12.5°	0.0	5.1	18.6	38.4	60.3	81.5	105.1	135.4	173.6	219.4	277.6
10°	0.0	5.1	18.9	39.0	61.1	82.4	106.4	137.4	176.4	223.4	283.4
7.5°	0.0	5.2	19.1	39.4	61.7	83.2	107.4	138.9	178.7	226.4	287.8
5°	0.0	5.2	19.2	39.7	62.2	83.7	108.1	140.0	180.3	228.6	291.0
2.5°	0.0	5.2	19.3	39.8	62.4	84.0	108.6	140.7	181.3	230.0	293.0
0°	0.0	5.2	19.3	39.9	62.5	84.1	108.7	140.9	181.6	230.4	293.6
-2.5°	0.0	5.2	19.3	39.8	62.4	84.0	108.6	140.7	181.3	230.0	293.0
-5°	0.0	5.2	19.2	39.7	62.2	83.7	108.1	140.0	180.3	228.6	291.0
-7.5°	0.0	5.2	19.1	39.4	61.7	83.2	107.4	138.9	178.7	226.4	287.8
-10°	0.0	5.1	18.9	39.0	61.1	82.4	106.4	137.4	176.4	223.4	283.4
-12.5°	0.0	5.1	18.6	38.4	60.3	81.5	105.1	135.4	173.6	219.4	277.6
-15°	0.0	5.0	18.3	37.8	59.4	80.4	103.6	133.0	170.1	214.7	270.7
-17.5°	0.0	5.0	18.0	37.0	58.3	79.0	101.7	130.2	165.9	209.0	262.5
-20°	0.0	4.9	17.6	36.2	57.0	77.5	99.6	126.9	161.2	202.6	253.1

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Scaled Data Report



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CATALOG NUMBER: GFLD-SA1A-740-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	4.8	17.1	35.2	55.6	75.8	97.2	123.3	155.9	195.4	242.6
-25°	0.0	4.7	16.7	34.1	54.0	73.8	94.6	119.2	150.0	187.3	230.9
-27.5°	0.0	4.6	16.1	32.9	52.2	71.7	91.7	114.8	143.5	179.0	221.0
-30°	0.0	4.5	15.5	31.6	50.3	69.4	88.6	109.9	137.4	171.1	210.3
-32.5°	0.0	4.4	14.9	30.2	48.2	67.0	85.2	105.7	131.4	162.5	198.8
-35°	0.0	4.3	14.2	28.7	46.0	64.3	81.9	101.4	125.1	153.4	186.6
-37.5°	0.0	4.1	13.5	27.1	43.7	61.5	78.5	96.9	118.3	143.7	174.9
-40°	0.0	4.0	12.7	25.4	41.2	58.4	74.9	92.1	111.1	135.1	163.5
-42.5°	0.0	3.8	11.9	23.6	38.7	55.1	71.1	87.1	104.8	126.6	151.6
-45°	0.0	3.7	11.0	21.7	36.2	51.7	67.2	82.2	98.8	117.7	139.5
-47.5°	0.0	3.5	10.1	19.8	33.6	48.1	63.1	77.4	92.6	108.5	129.2
-50°	0.0	3.3	9.2	18.2	30.9	44.4	58.7	72.4	86.1	101.2	118.5
-52.5°	0.0	3.2	8.3	16.8	28.1	40.5	54.0	67.2	79.9	93.7	107.8
-55°	0.0	3.0	7.3	15.3	25.2	36.9	49.3	61.9	73.8	85.9	99.1
-57.5°	0.0	2.8	6.2	13.8	22.2	33.1	44.4	56.2	67.6	78.6	90.2
-60°	0.0	2.6	5.2	12.2	19.2	29.3	39.4	50.3	61.1	71.4	81.5
-62.5°	0.0	2.4	4.8	10.6	17.0	25.4	34.7	44.3	54.2	64.0	73.3
-65°	0.0	2.2	4.4	8.9	14.8	21.3	29.8	38.3	47.2	56.2	65.0
-67.5°	0.0	2.0	4.0	7.2	12.6	17.9	24.9	32.5	40.1	48.2	56.2
-70°	0.0	1.8	3.6	5.5	10.3	15.0	19.9	26.7	33.5	40.1	47.2
-72.5°	0.0	1.6	3.1	4.7	8.0	12.1	16.3	20.8	26.7	32.5	38.3
-75°	0.0	1.3	2.7	4.0	5.6	9.2	12.8	16.3	19.9	24.9	29.8
-77.5°	0.0	1.1	2.2	3.4	4.5	6.2	9.2	12.1	15.0	17.9	21.3
-80°	0.0	0.9	1.8	2.7	3.6	4.5	5.6	8.0	10.3	12.6	14.8
-82.5°	0.0	0.7	1.4	2.0	2.7	3.4	4.0	4.7	5.5	7.2	8.9
-85°	0.0	0.5	0.9	1.4	1.8	2.2	2.7	3.1	3.6	4.0	4.4
-87.5°	0.0	0.2	0.5	0.7	0.9	1.1	1.3	1.6	1.8	2.0	2.2
-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: P645304 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: GFLD-SA1A-740-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°	2.4	2.6	2.8	3.0	3.2	3.3	3.5	3.7	3.8	4.0	4.1
85°	4.8	5.2	6.2	7.3	8.3	9.2	10.1	11.0	11.9	12.7	13.5
82.5°	10.6	12.2	13.8	15.3	16.8	18.2	19.8	21.7	23.6	25.4	27.1
80°	17.0	19.2	22.2	25.2	28.1	30.9	33.6	36.2	38.7	41.2	43.7
77.5°	25.4	29.3	33.1	36.9	40.5	44.4	48.1	51.7	55.1	58.4	61.5
75°	34.7	39.4	44.4	49.3	54.0	58.7	63.1	67.2	71.1	74.9	78.5
72.5°	44.3	50.3	56.2	61.9	67.2	72.4	77.4	82.2	87.1	92.1	96.9
70°	54.2	61.1	67.6	73.8	79.9	86.1	92.6	98.8	104.8	111.1	118.3
67.5°	64.0	71.4	78.6	85.9	93.7	101.2	108.5	117.7	126.6	135.1	143.7
65°	73.3	81.5	90.2	99.1	107.8	118.5	129.2	139.5	151.6	163.5	174.9
62.5°	82.5	92.4	102.5	113.3	125.8	137.9	151.9	166.2	180.0	195.6	210.7
60°	92.4	103.6	116.2	130.2	144.5	161.2	177.4	195.4	213.5	230.9	252.4
57.5°	102.5	116.2	131.6	148.2	166.8	185.6	206.7	227.1	251.6	276.0	300.4
55°	113.3	130.2	148.2	168.7	190.1	213.5	238.0	266.5	294.1	324.8	354.2
52.5°	125.8	144.5	166.8	190.1	215.8	243.9	275.5	308.2	342.5	375.9	408.6
50°	137.9	161.2	185.6	213.5	243.9	278.5	315.2	353.2	390.7	427.3	461.6
47.5°	151.9	177.4	206.7	238.0	275.5	315.2	356.8	398.2	438.7	476.2	512.2
45°	166.2	195.4	227.1	266.5	308.2	353.2	398.2	442.5	483.6	522.4	556.4
42.5°	180.0	213.5	251.6	294.1	342.5	390.7	438.7	483.6	525.7	563.1	597.2
40°	195.6	230.9	276.0	324.8	375.9	427.3	476.2	522.4	563.1	600.3	634.9
37.5°	210.7	252.4	300.4	354.2	408.6	461.6	512.2	556.4	597.2	634.9	668.0
35°	225.0	272.8	326.2	382.8	439.8	493.7	543.0	588.0	628.6	665.1	698.9
32.5°	241.0	292.1	350.7	410.2	468.3	523.2	572.0	616.0	656.4	693.4	727.1
30°	257.5	312.9	373.9	436.0	495.0	548.7	597.5	642.0	682.0	718.7	751.6
27.5°	272.8	332.5	396.0	459.3	519.5	572.7	620.8	664.6	704.9	741.8	773.7
25°	287.0	350.7	416.5	480.7	540.0	593.4	641.9	685.7	725.7	761.1	792.2
22.5°	301.0	367.3	435.3	500.3	558.9	611.9	660.0	703.9	743.9	779.0	808.8
20°	314.6	382.8	451.9	517.7	576.1	628.7	676.4	720.2	759.2	793.2	822.8
17.5°	326.7	396.5	466.4	531.8	590.2	643.0	690.9	734.9	773.0	805.9	835.0
15°	337.2	408.6	479.1	544.1	602.3	655.0	702.8	746.3	784.2	816.8	845.7
12.5°	346.2	418.9	489.9	554.6	612.7	665.1	713.0	756.0	793.1	825.4	853.6
10°	353.6	427.3	498.8	563.3	621.2	673.6	721.5	763.9	800.6	832.5	860.2
7.5°	359.4	434.0	505.8	570.0	627.9	680.2	728.1	770.2	806.4	838.1	865.4
5°	363.6	438.7	510.8	574.9	632.7	684.9	732.9	774.7	810.6	842.1	869.2
2.5°	366.1	441.5	513.8	577.8	635.6	687.7	735.7	777.4	813.2	844.6	871.4
0°	366.9	442.5	514.8	578.8	636.6	688.7	736.7	778.3	814.0	845.4	872.2
-2.5°	366.1	441.5	513.8	577.8	635.6	687.7	735.7	777.4	813.2	844.6	871.4
-5°	363.6	438.7	510.8	574.9	632.7	684.9	732.9	774.7	810.6	842.1	869.2
-7.5°	359.4	434.0	505.8	570.0	627.9	680.2	728.1	770.2	806.4	838.1	865.4
-10°	353.6	427.3	498.8	563.3	621.2	673.6	721.5	763.9	800.6	832.5	860.2
-12.5°	346.2	418.9	489.9	554.6	612.7	665.1	713.0	756.0	793.1	825.4	853.6
-15°	337.2	408.6	479.1	544.1	602.3	655.0	702.8	746.3	784.2	816.8	845.7
-17.5°	326.7	396.5	466.4	531.8	590.2	643.0	690.9	734.9	773.0	805.9	835.0
-20°	314.6	382.8	451.9	517.7	576.1	628.7	676.4	720.2	759.2	793.2	822.8



REPORT NUMBER: P645304 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: GFLD-SA1A-740-U-LAM-XX

**CANDELA DISTRIBUTION (continued):**

	-62.5°	-60°	-57.5°	-55°	-52.5°	-50°	-47.5°	-45°	-42.5°	-40°	-37.5°
-22.5°	301.0	367.3	435.3	500.3	558.9	611.9	660.0	703.9	743.9	779.0	808.8
-25°	287.0	350.7	416.5	480.7	540.0	593.4	641.9	685.7	725.7	761.1	792.2
-27.5°	272.8	332.5	396.0	459.3	519.5	572.7	620.8	664.6	704.9	741.8	773.7
-30°	257.5	312.9	373.9	436.0	495.0	548.7	597.5	642.0	682.0	718.7	751.6
-32.5°	241.0	292.1	350.7	410.2	468.3	523.2	572.0	616.0	656.4	693.4	727.1
-35°	225.0	272.8	326.2	382.8	439.8	493.7	543.0	588.0	628.6	665.1	698.9
-37.5°	210.7	252.4	300.4	354.2	408.6	461.6	512.2	556.4	597.2	634.9	668.0
-40°	195.6	230.9	276.0	324.8	375.9	427.3	476.2	522.4	563.1	600.3	634.9
-42.5°	180.0	213.5	251.6	294.1	342.5	390.7	438.7	483.6	525.7	563.1	597.2
-45°	166.2	195.4	227.1	266.5	308.2	353.2	398.2	442.5	483.6	522.4	556.4
-47.5°	151.9	177.4	206.7	238.0	275.5	315.2	356.8	398.2	438.7	476.2	512.2
-50°	137.9	161.2	185.6	213.5	243.9	278.5	315.2	353.2	390.7	427.3	461.6
-52.5°	125.8	144.5	166.8	190.1	215.8	243.9	275.5	308.2	342.5	375.9	408.6
-55°	113.3	130.2	148.2	168.7	190.1	213.5	238.0	266.5	294.1	324.8	354.2
-57.5°	102.5	116.2	131.6	148.2	166.8	185.6	206.7	227.1	251.6	276.0	300.4
-60°	92.4	103.6	116.2	130.2	144.5	161.2	177.4	195.4	213.5	230.9	252.4
-62.5°	82.5	92.4	102.5	113.3	125.8	137.9	151.9	166.2	180.0	195.6	210.7
-65°	73.3	81.5	90.2	99.1	107.8	118.5	129.2	139.5	151.6	163.5	174.9
-67.5°	64.0	71.4	78.6	85.9	93.7	101.2	108.5	117.7	126.6	135.1	143.7
-70°	54.2	61.1	67.6	73.8	79.9	86.1	92.6	98.8	104.8	111.1	118.3
-72.5°	44.3	50.3	56.2	61.9	67.2	72.4	77.4	82.2	87.1	92.1	96.9
-75°	34.7	39.4	44.4	49.3	54.0	58.7	63.1	67.2	71.1	74.9	78.5
-77.5°	25.4	29.3	33.1	36.9	40.5	44.4	48.1	51.7	55.1	58.4	61.5
-80°	17.0	19.2	22.2	25.2	28.1	30.9	33.6	36.2	38.7	41.2	43.7
-82.5°	10.6	12.2	13.8	15.3	16.8	18.2	19.8	21.7	23.6	25.4	27.1
-85°	4.8	5.2	6.2	7.3	8.3	9.2	10.1	11.0	11.9	12.7	13.5
-87.5°	2.4	2.6	2.8	3.0	3.2	3.3	3.5	3.7	3.8	4.0	4.1
-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: P645304 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: GFLD-SA1A-740-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°	4.3	4.4	4.5	4.6	4.7	4.8	4.9	5.0	5.0	5.1	5.1
85°	14.2	14.9	15.5	16.1	16.7	17.1	17.6	18.0	18.3	18.6	18.9
82.5°	28.7	30.2	31.6	32.9	34.1	35.2	36.2	37.0	37.8	38.4	39.0
80°	46.0	48.2	50.3	52.2	54.0	55.6	57.0	58.3	59.4	60.3	61.1
77.5°	64.3	67.0	69.4	71.7	73.8	75.8	77.5	79.0	80.4	81.5	82.4
75°	81.9	85.2	88.6	91.7	94.6	97.2	99.6	101.7	103.6	105.1	106.4
72.5°	101.4	105.7	109.9	114.8	119.2	123.3	126.9	130.2	133.0	135.4	137.4
70°	125.1	131.4	137.4	143.5	150.0	155.9	161.2	165.9	170.1	173.6	176.4
67.5°	153.4	162.5	171.1	179.0	187.3	195.4	202.6	209.0	214.7	219.4	223.4
65°	186.6	198.8	210.3	221.0	230.9	242.6	253.1	262.5	270.7	277.6	283.4
62.5°	225.0	241.0	257.5	272.8	287.0	301.0	314.6	326.7	337.2	346.2	353.6
60°	272.8	292.1	312.9	332.5	350.7	367.3	382.8	396.5	408.6	418.9	427.3
57.5°	326.2	350.7	373.9	396.0	416.5	435.3	451.9	466.4	479.1	489.9	498.8
55°	382.8	410.2	436.0	459.3	480.7	500.3	517.7	531.8	544.1	554.6	563.3
52.5°	439.8	468.3	495.0	519.5	540.0	558.9	576.1	590.2	602.3	612.7	621.2
50°	493.7	523.2	548.7	572.7	593.4	611.9	628.7	643.0	655.0	665.1	673.6
47.5°	543.0	572.0	597.5	620.8	641.9	660.0	676.4	690.9	702.8	713.0	721.5
45°	588.0	616.0	642.0	664.6	685.7	703.9	720.2	734.9	746.3	756.0	763.9
42.5°	628.6	656.4	682.0	704.9	725.7	743.9	759.2	773.0	784.2	793.1	800.6
40°	665.1	693.4	718.7	741.8	761.1	779.0	793.2	805.9	816.8	825.4	832.5
37.5°	698.9	727.1	751.6	773.7	792.2	808.8	822.8	835.0	845.7	853.6	860.2
35°	729.9	756.6	781.0	801.2	819.5	835.1	849.0	860.1	870.1	877.6	883.6
32.5°	756.6	783.2	805.7	825.6	843.5	858.1	871.4	881.6	890.6	897.9	903.4
30°	781.0	805.7	827.7	847.4	863.7	877.9	889.8	899.8	908.2	915.1	920.0
27.5°	801.2	825.6	847.4	865.6	881.2	894.9	905.8	915.4	922.7	929.1	933.3
25°	819.5	843.5	863.7	881.2	896.3	908.8	919.2	927.9	934.4	939.9	943.0
22.5°	835.1	858.1	877.9	894.9	908.8	920.5	930.3	937.7	943.0	946.3	948.1
20°	849.0	871.4	889.8	905.8	919.2	930.3	938.8	944.3	947.9	948.9	949.4
17.5°	860.1	881.6	899.8	915.4	927.9	937.7	944.3	948.1	949.2	949.0	948.4
15°	870.1	890.6	908.2	922.7	934.4	943.0	947.9	949.2	948.9	947.7	946.0
12.5°	877.6	897.9	915.1	929.1	939.9	946.3	948.9	949.0	947.7	945.6	943.2
10°	883.6	903.4	920.0	933.3	943.0	948.1	949.4	948.4	946.0	943.2	940.5
7.5°	888.4	907.9	923.9	936.7	945.1	948.7	949.0	947.2	944.4	941.2	938.3
5°	891.8	911.1	926.8	939.2	946.6	949.1	948.7	946.3	943.0	939.6	937.0
2.5°	893.9	913.0	928.5	940.7	947.5	949.4	948.5	945.7	942.1	938.6	936.1
0°	894.6	913.7	929.1	941.2	947.8	949.5	948.4	945.5	941.8	938.3	935.8
-2.5°	893.9	913.0	928.5	940.7	947.5	949.4	948.5	945.7	942.1	938.6	936.1
-5°	891.8	911.1	926.8	939.2	946.6	949.1	948.7	946.3	943.0	939.6	937.0
-7.5°	888.4	907.9	923.9	936.7	945.1	948.7	949.0	947.2	944.4	941.2	938.3
-10°	883.6	903.4	920.0	933.3	943.0	948.1	949.4	948.4	946.0	943.2	940.5
-12.5°	877.6	897.9	915.1	929.1	939.9	946.3	948.9	949.0	947.7	945.6	943.2
-15°	870.1	890.6	908.2	922.7	934.4	943.0	947.9	949.2	948.9	947.7	946.0
-17.5°	860.1	881.6	899.8	915.4	927.9	937.7	944.3	948.1	949.2	949.0	948.4
-20°	849.0	871.4	889.8	905.8	919.2	930.3	938.8	944.3	947.9	948.9	949.4

Classified

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

Scaled Data Report



REPORT NUMBER: P645304 (CONVERTED FROM TYPE C PHOTOMETRY)  
CATALOG NUMBER: GFLD-SA1A-740-U-LAM-XX

**CANDELA DISTRIBUTION (continued):**

	-35°	-32.5°	-30°	-27.5°	-25°	-22.5°	-20°	-17.5°	-15°	-12.5°	-10°
-22.5°	835.1	858.1	877.9	894.9	908.8	920.5	930.3	937.7	943.0	946.3	948.1
-25°	819.5	843.5	863.7	881.2	896.3	908.8	919.2	927.9	934.4	939.9	943.0
-27.5°	801.2	825.6	847.4	865.6	881.2	894.9	905.8	915.4	922.7	929.1	933.3
-30°	781.0	805.7	827.7	847.4	863.7	877.9	889.8	899.8	908.2	915.1	920.0
-32.5°	756.6	783.2	805.7	825.6	843.5	858.1	871.4	881.6	890.6	897.9	903.4
-35°	729.9	756.6	781.0	801.2	819.5	835.1	849.0	860.1	870.1	877.6	883.6
-37.5°	698.9	727.1	751.6	773.7	792.2	808.8	822.8	835.0	845.7	853.6	860.2
-40°	665.1	693.4	718.7	741.8	761.1	779.0	793.2	805.9	816.8	825.4	832.5
-42.5°	628.6	656.4	682.0	704.9	725.7	743.9	759.2	773.0	784.2	793.1	800.6
-45°	588.0	616.0	642.0	664.6	685.7	703.9	720.2	734.9	746.3	756.0	763.9
-47.5°	543.0	572.0	597.5	620.8	641.9	660.0	676.4	690.9	702.8	713.0	721.5
-50°	493.7	523.2	548.7	572.7	593.4	611.9	628.7	643.0	655.0	665.1	673.6
-52.5°	439.8	468.3	495.0	519.5	540.0	558.9	576.1	590.2	602.3	612.7	621.2
-55°	382.8	410.2	436.0	459.3	480.7	500.3	517.7	531.8	544.1	554.6	563.3
-57.5°	326.2	350.7	373.9	396.0	416.5	435.3	451.9	466.4	479.1	489.9	498.8
-60°	272.8	292.1	312.9	332.5	350.7	367.3	382.8	396.5	408.6	418.9	427.3
-62.5°	225.0	241.0	257.5	272.8	287.0	301.0	314.6	326.7	337.2	346.2	353.6
-65°	186.6	198.8	210.3	221.0	230.9	242.6	253.1	262.5	270.7	277.6	283.4
-67.5°	153.4	162.5	171.1	179.0	187.3	195.4	202.6	209.0	214.7	219.4	223.4
-70°	125.1	131.4	137.4	143.5	150.0	155.9	161.2	165.9	170.1	173.6	176.4
-72.5°	101.4	105.7	109.9	114.8	119.2	123.3	126.9	130.2	133.0	135.4	137.4
-75°	81.9	85.2	88.6	91.7	94.6	97.2	99.6	101.7	103.6	105.1	106.4
-77.5°	64.3	67.0	69.4	71.7	73.8	75.8	77.5	79.0	80.4	81.5	82.4
-80°	46.0	48.2	50.3	52.2	54.0	55.6	57.0	58.3	59.4	60.3	61.1
-82.5°	28.7	30.2	31.6	32.9	34.1	35.2	36.2	37.0	37.8	38.4	39.0
-85°	14.2	14.9	15.5	16.1	16.7	17.1	17.6	18.0	18.3	18.6	18.9
-87.5°	4.3	4.4	4.5	4.6	4.7	4.8	4.9	5.0	5.0	5.1	5.1
-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: P645304 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: GFLD-SA1A-740-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°	5.2	5.2	5.2	5.2	5.2	5.2	5.2	5.1	5.1	5.0	5.0
85°	19.1	19.2	19.3	19.3	19.3	19.2	19.1	18.9	18.6	18.3	18.0
82.5°	39.4	39.7	39.8	39.9	39.8	39.7	39.4	39.0	38.4	37.8	37.0
80°	61.7	62.2	62.4	62.5	62.4	62.2	61.7	61.1	60.3	59.4	58.3
77.5°	83.2	83.7	84.0	84.1	84.0	83.7	83.2	82.4	81.5	80.4	79.0
75°	107.4	108.1	108.6	108.7	108.6	108.1	107.4	106.4	105.1	103.6	101.7
72.5°	138.9	140.0	140.7	140.9	140.7	140.0	138.9	137.4	135.4	133.0	130.2
70°	178.7	180.3	181.3	181.6	181.3	180.3	178.7	176.4	173.6	170.1	165.9
67.5°	226.4	228.6	230.0	230.4	230.0	228.6	226.4	223.4	219.4	214.7	209.0
65°	287.8	291.0	293.0	293.6	293.0	291.0	287.8	283.4	277.6	270.7	262.5
62.5°	359.4	363.6	366.1	366.9	366.1	363.6	359.4	353.6	346.2	337.2	326.7
60°	434.0	438.7	441.5	442.5	441.5	438.7	434.0	427.3	418.9	408.6	396.5
57.5°	505.8	510.8	513.8	514.8	513.8	510.8	505.8	498.8	489.9	479.1	466.4
55°	570.0	574.9	577.8	578.8	577.8	574.9	570.0	563.3	554.6	544.1	531.8
52.5°	627.9	632.7	635.6	636.6	635.6	632.7	627.9	621.2	612.7	602.3	590.2
50°	680.2	684.9	687.7	688.7	687.7	684.9	680.2	673.6	665.1	655.0	643.0
47.5°	728.1	732.9	735.7	736.7	735.7	732.9	728.1	721.5	713.0	702.8	690.9
45°	770.2	774.7	777.4	778.3	777.4	774.7	770.2	763.9	756.0	746.3	734.9
42.5°	806.4	810.6	813.2	814.0	813.2	810.6	806.4	800.6	793.1	784.2	773.0
40°	838.1	842.1	844.6	845.4	844.6	842.1	838.1	832.5	825.4	816.8	805.9
37.5°	865.4	869.2	871.4	872.2	871.4	869.2	865.4	860.2	853.6	845.7	835.0
35°	888.4	891.8	893.9	894.6	893.9	891.8	888.4	883.6	877.6	870.1	860.1
32.5°	907.9	911.1	913.0	913.7	913.0	911.1	907.9	903.4	897.9	890.6	881.6
30°	923.9	926.8	928.5	929.1	928.5	926.8	923.9	920.0	915.1	908.2	899.8
27.5°	936.7	939.2	940.7	941.2	940.7	939.2	936.7	933.3	929.1	922.7	915.4
25°	945.1	946.6	947.5	947.8	947.5	946.6	945.1	943.0	939.9	934.4	927.9
22.5°	948.7	949.1	949.4	949.5	949.4	949.1	948.7	948.1	946.3	943.0	937.7
20°	949.0	948.7	948.5	948.4	948.5	948.7	949.0	949.4	948.9	947.9	944.3
17.5°	947.2	946.3	945.7	945.5	945.7	946.3	947.2	948.4	949.0	949.2	948.1
15°	944.4	943.0	942.1	941.8	942.1	943.0	944.4	946.0	947.7	948.9	949.2
12.5°	941.2	939.6	938.6	938.3	938.6	939.6	941.2	943.2	945.6	947.7	949.0
10°	938.3	937.0	936.1	935.8	936.1	937.0	938.3	940.5	943.2	946.0	948.4
7.5°	936.4	935.2	934.5	934.3	934.5	935.2	936.4	938.3	941.2	944.4	947.2
5°	935.2	934.0	933.0	932.6	933.0	934.0	935.2	937.0	939.6	943.0	946.3
2.5°	934.5	933.0	931.5	930.8	931.5	933.0	934.5	936.1	938.6	942.1	945.7
0°	934.3	932.6	930.8	931.0	930.8	932.6	934.3	935.8	938.3	941.8	945.5
-2.5°	934.5	933.0	931.5	930.8	931.5	933.0	934.5	936.1	938.6	942.1	945.7
-5°	935.2	934.0	933.0	932.6	933.0	934.0	935.2	937.0	939.6	943.0	946.3
-7.5°	936.4	935.2	934.5	934.3	934.5	935.2	936.4	938.3	941.2	944.4	947.2
-10°	938.3	937.0	936.1	935.8	936.1	937.0	938.3	940.5	943.2	946.0	948.4
-12.5°	941.2	939.6	938.6	938.3	938.6	939.6	941.2	943.2	945.6	947.7	949.0
-15°	944.4	943.0	942.1	941.8	942.1	943.0	944.4	946.0	947.7	948.9	949.2
-17.5°	947.2	946.3	945.7	945.5	945.7	946.3	947.2	948.4	949.0	949.2	948.1
-20°	949.0	948.7	948.5	948.4	948.5	948.7	949.0	949.4	948.9	947.9	944.3

Classified

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

Scaled Data Report



REPORT NUMBER: P645304 (CONVERTED FROM TYPE C PHOTOMETRY)  
CATALOG NUMBER: GFLD-SA1A-740-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°	948.7	949.1	949.4	949.5	949.4	949.1	948.7	948.1	946.3	943.0	937.7
-25°	945.1	946.6	947.5	947.8	947.5	946.6	945.1	943.0	939.9	934.4	927.9
-27.5°	936.7	939.2	940.7	941.2	940.7	939.2	936.7	933.3	929.1	922.7	915.4
-30°	923.9	926.8	928.5	929.1	928.5	926.8	923.9	920.0	915.1	908.2	899.8
-32.5°	907.9	911.1	913.0	913.7	913.0	911.1	907.9	903.4	897.9	890.6	881.6
-35°	888.4	891.8	893.9	894.6	893.9	891.8	888.4	883.6	877.6	870.1	860.1
-37.5°	865.4	869.2	871.4	872.2	871.4	869.2	865.4	860.2	853.6	845.7	835.0
-40°	838.1	842.1	844.6	845.4	844.6	842.1	838.1	832.5	825.4	816.8	805.9
-42.5°	806.4	810.6	813.2	814.0	813.2	810.6	806.4	800.6	793.1	784.2	773.0
-45°	770.2	774.7	777.4	778.3	777.4	774.7	770.2	763.9	756.0	746.3	734.9
-47.5°	728.1	732.9	735.7	736.7	735.7	732.9	728.1	721.5	713.0	702.8	690.9
-50°	680.2	684.9	687.7	688.7	687.7	684.9	680.2	673.6	665.1	655.0	643.0
-52.5°	627.9	632.7	635.6	636.6	635.6	632.7	627.9	621.2	612.7	602.3	590.2
-55°	570.0	574.9	577.8	578.8	577.8	574.9	570.0	563.3	554.6	544.1	531.8
-57.5°	505.8	510.8	513.8	514.8	513.8	510.8	505.8	498.8	489.9	479.1	466.4
-60°	434.0	438.7	441.5	442.5	441.5	438.7	434.0	427.3	418.9	408.6	396.5
-62.5°	359.4	363.6	366.1	366.9	366.1	363.6	359.4	353.6	346.2	337.2	326.7
-65°	287.8	291.0	293.0	293.6	293.0	291.0	287.8	283.4	277.6	270.7	262.5
-67.5°	226.4	228.6	230.0	230.4	230.0	228.6	226.4	223.4	219.4	214.7	209.0
-70°	178.7	180.3	181.3	181.6	181.3	180.3	178.7	176.4	173.6	170.1	165.9
-72.5°	138.9	140.0	140.7	140.9	140.7	140.0	138.9	137.4	135.4	133.0	130.2
-75°	107.4	108.1	108.6	108.7	108.6	108.1	107.4	106.4	105.1	103.6	101.7
-77.5°	83.2	83.7	84.0	84.1	84.0	83.7	83.2	82.4	81.5	80.4	79.0
-80°	61.7	62.2	62.4	62.5	62.4	62.2	61.7	61.1	60.3	59.4	58.3
-82.5°	39.4	39.7	39.8	39.9	39.8	39.7	39.4	39.0	38.4	37.8	37.0
-85°	19.1	19.2	19.3	19.3	19.3	19.2	19.1	18.9	18.6	18.3	18.0
-87.5°	5.2	5.2	5.2	5.2	5.2	5.2	5.2	5.1	5.1	5.0	5.0
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0





REPORT NUMBER: P645304 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: GFLD-SA1A-740-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°	4.9	4.8	4.7	4.6	4.5	4.4	4.3	4.1	4.0	3.8	3.7
85°	17.6	17.1	16.7	16.1	15.5	14.9	14.2	13.5	12.7	11.9	11.0
82.5°	36.2	35.2	34.1	32.9	31.6	30.2	28.7	27.1	25.4	23.6	21.7
80°	57.0	55.6	54.0	52.2	50.3	48.2	46.0	43.7	41.2	38.7	36.2
77.5°	77.5	75.8	73.8	71.7	69.4	67.0	64.3	61.5	58.4	55.1	51.7
75°	99.6	97.2	94.6	91.7	88.6	85.2	81.9	78.5	74.9	71.1	67.2
72.5°	126.9	123.3	119.2	114.8	109.9	105.7	101.4	96.9	92.1	87.1	82.2
70°	161.2	155.9	150.0	143.5	137.4	131.4	125.1	118.3	111.1	104.8	98.8
67.5°	202.6	195.4	187.3	179.0	171.1	162.5	153.4	143.7	135.1	126.6	117.7
65°	253.1	242.6	230.9	221.0	210.3	198.8	186.6	174.9	163.5	151.6	139.5
62.5°	314.6	301.0	287.0	272.8	257.5	241.0	225.0	210.7	195.6	180.0	166.2
60°	382.8	367.3	350.7	332.5	312.9	292.1	272.8	252.4	230.9	213.5	195.4
57.5°	451.9	435.3	416.5	396.0	373.9	350.7	326.2	300.4	276.0	251.6	227.1
55°	517.7	500.3	480.7	459.3	436.0	410.2	382.8	354.2	324.8	294.1	266.5
52.5°	576.1	558.9	540.0	519.5	495.0	468.3	439.8	408.6	375.9	342.5	308.2
50°	628.7	611.9	593.4	572.7	548.7	523.2	493.7	461.6	427.3	390.7	353.2
47.5°	676.4	660.0	641.9	620.8	597.5	572.0	543.0	512.2	476.2	438.7	398.2
45°	720.2	703.9	685.7	664.6	642.0	616.0	588.0	556.4	522.4	483.6	442.5
42.5°	759.2	743.9	725.7	704.9	682.0	656.4	628.6	597.2	563.1	525.7	483.6
40°	793.2	779.0	761.1	741.8	718.7	693.4	665.1	634.9	600.3	563.1	522.4
37.5°	822.8	808.8	792.2	773.7	751.6	727.1	698.9	668.0	634.9	597.2	556.4
35°	849.0	835.1	819.5	801.2	781.0	756.6	729.9	698.9	665.1	628.6	588.0
32.5°	871.4	858.1	843.5	825.6	805.7	783.2	756.6	727.1	693.4	656.4	616.0
30°	889.8	877.9	863.7	847.4	827.7	805.7	781.0	751.6	718.7	682.0	642.0
27.5°	905.8	894.9	881.2	865.6	847.4	825.6	801.2	773.7	741.8	704.9	664.6
25°	919.2	908.8	896.3	881.2	863.7	843.5	819.5	792.2	761.1	725.7	685.7
22.5°	930.3	920.5	908.8	894.9	877.9	858.1	835.1	808.8	779.0	743.9	703.9
20°	938.8	930.3	919.2	905.8	889.8	871.4	849.0	822.8	793.2	759.2	720.2
17.5°	944.3	937.7	927.9	915.4	899.8	881.6	860.1	835.0	805.9	773.0	734.9
15°	947.9	943.0	934.4	922.7	908.2	890.6	870.1	845.7	816.8	784.2	746.3
12.5°	948.9	946.3	939.9	929.1	915.1	897.9	877.6	853.6	825.4	793.1	756.0
10°	949.4	948.1	943.0	933.3	920.0	903.4	883.6	860.2	832.5	800.6	763.9
7.5°	949.0	948.7	945.1	936.7	923.9	907.9	888.4	865.4	838.1	806.4	770.2
5°	948.7	949.1	946.6	939.2	926.8	911.1	891.8	869.2	842.1	810.6	774.7
2.5°	948.5	949.4	947.5	940.7	928.5	913.0	893.9	871.4	844.6	813.2	777.4
0°	948.4	949.5	947.8	941.2	929.1	913.7	894.6	872.2	845.4	814.0	778.3
-2.5°	948.5	949.4	947.5	940.7	928.5	913.0	893.9	871.4	844.6	813.2	777.4
-5°	948.7	949.1	946.6	939.2	926.8	911.1	891.8	869.2	842.1	810.6	774.7
-7.5°	949.0	948.7	945.1	936.7	923.9	907.9	888.4	865.4	838.1	806.4	770.2
-10°	949.4	948.1	943.0	933.3	920.0	903.4	883.6	860.2	832.5	800.6	763.9
-12.5°	948.9	946.3	939.9	929.1	915.1	897.9	877.6	853.6	825.4	793.1	756.0
-15°	947.9	943.0	934.4	922.7	908.2	890.6	870.1	845.7	816.8	784.2	746.3
-17.5°	944.3	937.7	927.9	915.4	899.8	881.6	860.1	835.0	805.9	773.0	734.9
-20°	938.8	930.3	919.2	905.8	889.8	871.4	849.0	822.8	793.2	759.2	720.2

Classified

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

Scaled Data Report



REPORT NUMBER: P645304 (CONVERTED FROM TYPE C PHOTOMETRY)  
CATALOG NUMBER: GFLD-SA1A-740-U-LAM-XX

**CANDELA DISTRIBUTION (continued):**

	20°	22.5°	25°	27.5°	30°	32.5°	35°	37.5°	40°	42.5°	45°
-22.5°	930.3	920.5	908.8	894.9	877.9	858.1	835.1	808.8	779.0	743.9	703.9
-25°	919.2	908.8	896.3	881.2	863.7	843.5	819.5	792.2	761.1	725.7	685.7
-27.5°	905.8	894.9	881.2	865.6	847.4	825.6	801.2	773.7	741.8	704.9	664.6
-30°	889.8	877.9	863.7	847.4	827.7	805.7	781.0	751.6	718.7	682.0	642.0
-32.5°	871.4	858.1	843.5	825.6	805.7	783.2	756.6	727.1	693.4	656.4	616.0
-35°	849.0	835.1	819.5	801.2	781.0	756.6	729.9	698.9	665.1	628.6	588.0
-37.5°	822.8	808.8	792.2	773.7	751.6	727.1	698.9	668.0	634.9	597.2	556.4
-40°	793.2	779.0	761.1	741.8	718.7	693.4	665.1	634.9	600.3	563.1	522.4
-42.5°	759.2	743.9	725.7	704.9	682.0	656.4	628.6	597.2	563.1	525.7	483.6
-45°	720.2	703.9	685.7	664.6	642.0	616.0	588.0	556.4	522.4	483.6	442.5
-47.5°	676.4	660.0	641.9	620.8	597.5	572.0	543.0	512.2	476.2	438.7	398.2
-50°	628.7	611.9	593.4	572.7	548.7	523.2	493.7	461.6	427.3	390.7	353.2
-52.5°	576.1	558.9	540.0	519.5	495.0	468.3	439.8	408.6	375.9	342.5	308.2
-55°	517.7	500.3	480.7	459.3	436.0	410.2	382.8	354.2	324.8	294.1	266.5
-57.5°	451.9	435.3	416.5	396.0	373.9	350.7	326.2	300.4	276.0	251.6	227.1
-60°	382.8	367.3	350.7	332.5	312.9	292.1	272.8	252.4	230.9	213.5	195.4
-62.5°	314.6	301.0	287.0	272.8	257.5	241.0	225.0	210.7	195.6	180.0	166.2
-65°	253.1	242.6	230.9	221.0	210.3	198.8	186.6	174.9	163.5	151.6	139.5
-67.5°	202.6	195.4	187.3	179.0	171.1	162.5	153.4	143.7	135.1	126.6	117.7
-70°	161.2	155.9	150.0	143.5	137.4	131.4	125.1	118.3	111.1	104.8	98.8
-72.5°	126.9	123.3	119.2	114.8	109.9	105.7	101.4	96.9	92.1	87.1	82.2
-75°	99.6	97.2	94.6	91.7	88.6	85.2	81.9	78.5	74.9	71.1	67.2
-77.5°	77.5	75.8	73.8	71.7	69.4	67.0	64.3	61.5	58.4	55.1	51.7
-80°	57.0	55.6	54.0	52.2	50.3	48.2	46.0	43.7	41.2	38.7	36.2
-82.5°	36.2	35.2	34.1	32.9	31.6	30.2	28.7	27.1	25.4	23.6	21.7
-85°	17.6	17.1	16.7	16.1	15.5	14.9	14.2	13.5	12.7	11.9	11.0
-87.5°	4.9	4.8	4.7	4.6	4.5	4.4	4.3	4.1	4.0	3.8	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: P645304 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: GFLD-SA1A-740-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°	3.5	3.3	3.2	3.0	2.8	2.6	2.4	2.2	2.0	1.8	1.6
85°	10.1	9.2	8.3	7.3	6.2	5.2	4.8	4.4	4.0	3.6	3.1
82.5°	19.8	18.2	16.8	15.3	13.8	12.2	10.6	8.9	7.2	5.5	4.7
80°	33.6	30.9	28.1	25.2	22.2	19.2	17.0	14.8	12.6	10.3	8.0
77.5°	48.1	44.4	40.5	36.9	33.1	29.3	25.4	21.3	17.9	15.0	12.1
75°	63.1	58.7	54.0	49.3	44.4	39.4	34.7	29.8	24.9	19.9	16.3
72.5°	77.4	72.4	67.2	61.9	56.2	50.3	44.3	38.3	32.5	26.7	20.8
70°	92.6	86.1	79.9	73.8	67.6	61.1	54.2	47.2	40.1	33.5	26.7
67.5°	108.5	101.2	93.7	85.9	78.6	71.4	64.0	56.2	48.2	40.1	32.5
65°	129.2	118.5	107.8	99.1	90.2	81.5	73.3	65.0	56.2	47.2	38.3
62.5°	151.9	137.9	125.8	113.3	102.5	92.4	82.5	73.3	64.0	54.2	44.3
60°	177.4	161.2	144.5	130.2	116.2	103.6	92.4	81.5	71.4	61.1	50.3
57.5°	206.7	185.6	166.8	148.2	131.6	116.2	102.5	90.2	78.6	67.6	56.2
55°	238.0	213.5	190.1	168.7	148.2	130.2	113.3	99.1	85.9	73.8	61.9
52.5°	275.5	243.9	215.8	190.1	166.8	144.5	125.8	107.8	93.7	79.9	67.2
50°	315.2	278.5	243.9	213.5	185.6	161.2	137.9	118.5	101.2	86.1	72.4
47.5°	356.8	315.2	275.5	238.0	206.7	177.4	151.9	129.2	108.5	92.6	77.4
45°	398.2	353.2	308.2	266.5	227.1	195.4	166.2	139.5	117.7	98.8	82.2
42.5°	438.7	390.7	342.5	294.1	251.6	213.5	180.0	151.6	126.6	104.8	87.1
40°	476.2	427.3	375.9	324.8	276.0	230.9	195.6	163.5	135.1	111.1	92.1
37.5°	512.2	461.6	408.6	354.2	300.4	252.4	210.7	174.9	143.7	118.3	96.9
35°	543.0	493.7	439.8	382.8	326.2	272.8	225.0	186.6	153.4	125.1	101.4
32.5°	572.0	523.2	468.3	410.2	350.7	292.1	241.0	198.8	162.5	131.4	105.7
30°	597.5	548.7	495.0	436.0	373.9	312.9	257.5	210.3	171.1	137.4	109.9
27.5°	620.8	572.7	519.5	459.3	396.0	332.5	272.8	221.0	179.0	143.5	114.8
25°	641.9	593.4	540.0	480.7	416.5	350.7	287.0	230.9	187.3	150.0	119.2
22.5°	660.0	611.9	558.9	500.3	435.3	367.3	301.0	242.6	195.4	155.9	123.3
20°	676.4	628.7	576.1	517.7	451.9	382.8	314.6	253.1	202.6	161.2	126.9
17.5°	690.9	643.0	590.2	531.8	466.4	396.5	326.7	262.5	209.0	165.9	130.2
15°	702.8	655.0	602.3	544.1	479.1	408.6	337.2	270.7	214.7	170.1	133.0
12.5°	713.0	665.1	612.7	554.6	489.9	418.9	346.2	277.6	219.4	173.6	135.4
10°	721.5	673.6	621.2	563.3	498.8	427.3	353.6	283.4	223.4	176.4	137.4
7.5°	728.1	680.2	627.9	570.0	505.8	434.0	359.4	287.8	226.4	178.7	138.9
5°	732.9	684.9	632.7	574.9	510.8	438.7	363.6	291.0	228.6	180.3	140.0
2.5°	735.7	687.7	635.6	577.8	513.8	441.5	366.1	293.0	230.0	181.3	140.7
0°	736.7	688.7	636.6	578.8	514.8	442.5	366.9	293.6	230.4	181.6	140.9
-2.5°	735.7	687.7	635.6	577.8	513.8	441.5	366.1	293.0	230.0	181.3	140.7
-5°	732.9	684.9	632.7	574.9	510.8	438.7	363.6	291.0	228.6	180.3	140.0
-7.5°	728.1	680.2	627.9	570.0	505.8	434.0	359.4	287.8	226.4	178.7	138.9
-10°	721.5	673.6	621.2	563.3	498.8	427.3	353.6	283.4	223.4	176.4	137.4
-12.5°	713.0	665.1	612.7	554.6	489.9	418.9	346.2	277.6	219.4	173.6	135.4
-15°	702.8	655.0	602.3	544.1	479.1	408.6	337.2	270.7	214.7	170.1	133.0
-17.5°	690.9	643.0	590.2	531.8	466.4	396.5	326.7	262.5	209.0	165.9	130.2
-20°	676.4	628.7	576.1	517.7	451.9	382.8	314.6	253.1	202.6	161.2	126.9



REPORT NUMBER: P645304 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: GFLD-SA1A-740-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°	660.0	611.9	558.9	500.3	435.3	367.3	301.0	242.6	195.4	155.9	123.3
-25°	641.9	593.4	540.0	480.7	416.5	350.7	287.0	230.9	187.3	150.0	119.2
-27.5°	620.8	572.7	519.5	459.3	396.0	332.5	272.8	221.0	179.0	143.5	114.8
-30°	597.5	548.7	495.0	436.0	373.9	312.9	257.5	210.3	171.1	137.4	109.9
-32.5°	572.0	523.2	468.3	410.2	350.7	292.1	241.0	198.8	162.5	131.4	105.7
-35°	543.0	493.7	439.8	382.8	326.2	272.8	225.0	186.6	153.4	125.1	101.4
-37.5°	512.2	461.6	408.6	354.2	300.4	252.4	210.7	174.9	143.7	118.3	96.9
-40°	476.2	427.3	375.9	324.8	276.0	230.9	195.6	163.5	135.1	111.1	92.1
-42.5°	438.7	390.7	342.5	294.1	251.6	213.5	180.0	151.6	126.6	104.8	87.1
-45°	398.2	353.2	308.2	266.5	227.1	195.4	166.2	139.5	117.7	98.8	82.2
-47.5°	356.8	315.2	275.5	238.0	206.7	177.4	151.9	129.2	108.5	92.6	77.4
-50°	315.2	278.5	243.9	213.5	185.6	161.2	137.9	118.5	101.2	86.1	72.4
-52.5°	275.5	243.9	215.8	190.1	166.8	144.5	125.8	107.8	93.7	79.9	67.2
-55°	238.0	213.5	190.1	168.7	148.2	130.2	113.3	99.1	85.9	73.8	61.9
-57.5°	206.7	185.6	166.8	148.2	131.6	116.2	102.5	90.2	78.6	67.6	56.2
-60°	177.4	161.2	144.5	130.2	116.2	103.6	92.4	81.5	71.4	61.1	50.3
-62.5°	151.9	137.9	125.8	113.3	102.5	92.4	82.5	73.3	64.0	54.2	44.3
-65°	129.2	118.5	107.8	99.1	90.2	81.5	73.3	65.0	56.2	47.2	38.3
-67.5°	108.5	101.2	93.7	85.9	78.6	71.4	64.0	56.2	48.2	40.1	32.5
-70°	92.6	86.1	79.9	73.8	67.6	61.1	54.2	47.2	40.1	33.5	26.7
-72.5°	77.4	72.4	67.2	61.9	56.2	50.3	44.3	38.3	32.5	26.7	20.8
-75°	63.1	58.7	54.0	49.3	44.4	39.4	34.7	29.8	24.9	19.9	16.3
-77.5°	48.1	44.4	40.5	36.9	33.1	29.3	25.4	21.3	17.9	15.0	12.1
-80°	33.6	30.9	28.1	25.2	22.2	19.2	17.0	14.8	12.6	10.3	8.0
-82.5°	19.8	18.2	16.8	15.3	13.8	12.2	10.6	8.9	7.2	5.5	4.7
-85°	10.1	9.2	8.3	7.3	6.2	5.2	4.8	4.4	4.0	3.6	3.1
-87.5°	3.5	3.3	3.2	3.0	2.8	2.6	2.4	2.2	2.0	1.8	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

Classified

Cooper Lighting Solutions Photometric Lab  
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Peachtree City, GA 30269

Scaled Data Report



REPORT NUMBER: P645304 (CONVERTED FROM TYPE C PHOTOMETRY)  
CATALOG NUMBER: GFLD-SA1A-740-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°	1.3	1.1	0.9	0.7	0.5	0.2	0.0
85°	2.7	2.2	1.8	1.4	0.9	0.5	0.0
82.5°	4.0	3.4	2.7	2.0	1.4	0.7	0.0
80°	5.6	4.5	3.6	2.7	1.8	0.9	0.0
77.5°	9.2	6.2	4.5	3.4	2.2	1.1	0.0
75°	12.8	9.2	5.6	4.0	2.7	1.3	0.0
72.5°	16.3	12.1	8.0	4.7	3.1	1.6	0.0
70°	19.9	15.0	10.3	5.5	3.6	1.8	0.0
67.5°	24.9	17.9	12.6	7.2	4.0	2.0	0.0
65°	29.8	21.3	14.8	8.9	4.4	2.2	0.0
62.5°	34.7	25.4	17.0	10.6	4.8	2.4	0.0
60°	39.4	29.3	19.2	12.2	5.2	2.6	0.0
57.5°	44.4	33.1	22.2	13.8	6.2	2.8	0.0
55°	49.3	36.9	25.2	15.3	7.3	3.0	0.0
52.5°	54.0	40.5	28.1	16.8	8.3	3.2	0.0
50°	58.7	44.4	30.9	18.2	9.2	3.3	0.0
47.5°	63.1	48.1	33.6	19.8	10.1	3.5	0.0
45°	67.2	51.7	36.2	21.7	11.0	3.7	0.0
42.5°	71.1	55.1	38.7	23.6	11.9	3.8	0.0
40°	74.9	58.4	41.2	25.4	12.7	4.0	0.0
37.5°	78.5	61.5	43.7	27.1	13.5	4.1	0.0
35°	81.9	64.3	46.0	28.7	14.2	4.3	0.0
32.5°	85.2	67.0	48.2	30.2	14.9	4.4	0.0
30°	88.6	69.4	50.3	31.6	15.5	4.5	0.0
27.5°	91.7	71.7	52.2	32.9	16.1	4.6	0.0
25°	94.6	73.8	54.0	34.1	16.7	4.7	0.0
22.5°	97.2	75.8	55.6	35.2	17.1	4.8	0.0
20°	99.6	77.5	57.0	36.2	17.6	4.9	0.0
17.5°	101.7	79.0	58.3	37.0	18.0	5.0	0.0
15°	103.6	80.4	59.4	37.8	18.3	5.0	0.0
12.5°	105.1	81.5	60.3	38.4	18.6	5.1	0.0
10°	106.4	82.4	61.1	39.0	18.9	5.1	0.0
7.5°	107.4	83.2	61.7	39.4	19.1	5.2	0.0
5°	108.1	83.7	62.2	39.7	19.2	5.2	0.0
2.5°	108.6	84.0	62.4	39.8	19.3	5.2	0.0
0°	108.7	84.1	62.5	39.9	19.3	5.2	0.0
-2.5°	108.6	84.0	62.4	39.8	19.3	5.2	0.0
-5°	108.1	83.7	62.2	39.7	19.2	5.2	0.0
-7.5°	107.4	83.2	61.7	39.4	19.1	5.2	0.0
-10°	106.4	82.4	61.1	39.0	18.9	5.1	0.0
-12.5°	105.1	81.5	60.3	38.4	18.6	5.1	0.0
-15°	103.6	80.4	59.4	37.8	18.3	5.0	0.0
-17.5°	101.7	79.0	58.3	37.0	18.0	5.0	0.0
-20°	99.6	77.5	57.0	36.2	17.6	4.9	0.0

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**CANDELA DISTRIBUTION (continued):**

	75°	77.5°	80°	82.5°	85°	87.5°	90°
-22.5°	97.2	75.8	55.6	35.2	17.1	4.8	0.0
-25°	94.6	73.8	54.0	34.1	16.7	4.7	0.0
-27.5°	91.7	71.7	52.2	32.9	16.1	4.6	0.0
-30°	88.6	69.4	50.3	31.6	15.5	4.5	0.0
-32.5°	85.2	67.0	48.2	30.2	14.9	4.4	0.0
-35°	81.9	64.3	46.0	28.7	14.2	4.3	0.0
-37.5°	78.5	61.5	43.7	27.1	13.5	4.1	0.0
-40°	74.9	58.4	41.2	25.4	12.7	4.0	0.0
-42.5°	71.1	55.1	38.7	23.6	11.9	3.8	0.0
-45°	67.2	51.7	36.2	21.7	11.0	3.7	0.0
-47.5°	63.1	48.1	33.6	19.8	10.1	3.5	0.0
-50°	58.7	44.4	30.9	18.2	9.2	3.3	0.0
-52.5°	54.0	40.5	28.1	16.8	8.3	3.2	0.0
-55°	49.3	36.9	25.2	15.3	7.3	3.0	0.0
-57.5°	44.4	33.1	22.2	13.8	6.2	2.8	0.0
-60°	39.4	29.3	19.2	12.2	5.2	2.6	0.0
-62.5°	34.7	25.4	17.0	10.6	4.8	2.4	0.0
-65°	29.8	21.3	14.8	8.9	4.4	2.2	0.0
-67.5°	24.9	17.9	12.6	7.2	4.0	2.0	0.0
-70°	19.9	15.0	10.3	5.5	3.6	1.8	0.0
-72.5°	16.3	12.1	8.0	4.7	3.1	1.6	0.0
-75°	12.8	9.2	5.6	4.0	2.7	1.3	0.0
-77.5°	9.2	6.2	4.5	3.4	2.2	1.1	0.0
-80°	5.6	4.5	3.6	2.7	1.8	0.9	0.0
-82.5°	4.0	3.4	2.7	2.0	1.4	0.7	0.0
-85°	2.7	2.2	1.8	1.4	0.9	0.5	0.0
-87.5°	1.3	1.1	0.9	0.7	0.5	0.2	0.0
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0

(END OF REPORT)