

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: P627007 (CONVERTED FROM TYPE C PHOTOMETRY)

Luminaire Tested: **GFLD-SA2E-722-U-MWR-XX**

Issue Date: 12/7/2022

**Test Information**

Test Method: LM-79-08  
Report Number: P627007 (CONVERTED FROM TYPE C PHOTOMETRY)  
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G2-2210-813-15)  
Test Lab: COOPER LIGHTING SOLUTIONS  
Issue Date: 12/7/2022  
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)  
Product Line: MCGRAW-EDISON  
Catalog Number: GFLD-SA2E-722-U-MWR-XX  
Description: GALLEON FLOOD, TWO LIGHT SQAURE, MEDIUM WIDE SYMMETRICAL ROUND N38  
Light Source: (32) 2200K CCT, 70 CRI LEDS  
Ballast/Driver: -

**Summary**

Lumens per Lamp: N/A  
Luminaire Lumens: 11932.9 lumens  
Efficiency: N/A  
Efficacy: 94.9 lumens/watt  
Luminous Opening: Rectangular (W 1' x L: 0.5' x H: 0')

NEMA Type: 5H x 5V  
Max Intensity: 14020.6 candela  
Max Intensity Angle: 7.5°H x 10°V

Beam Angle (50%): 51°H x 52.3°V  
Beam Lumens: 7920.3 lumens  
Beam Efficiency: 66.4%

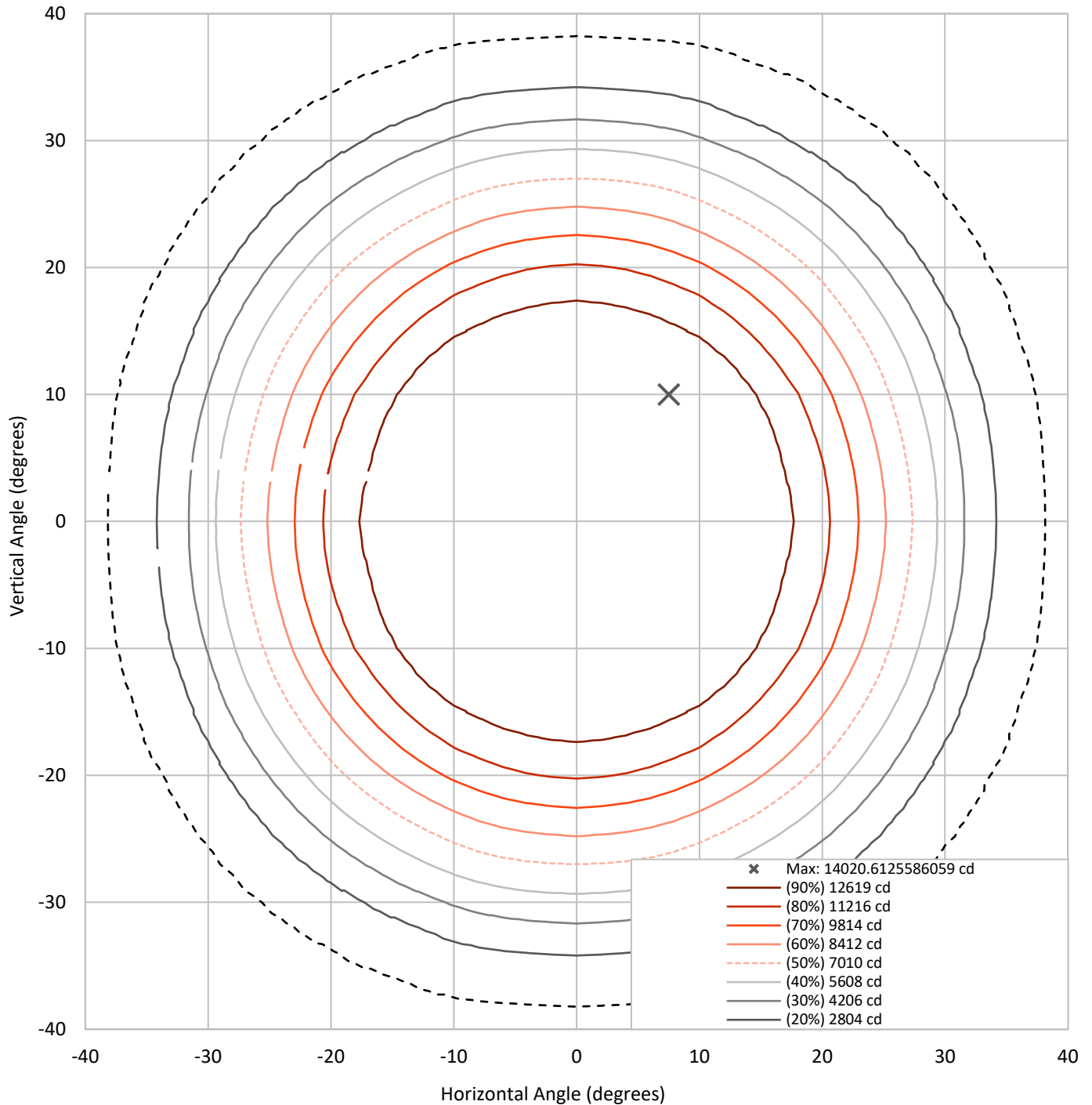
Field Angle (10%): 74.5°H x 75.5°V  
Field Lumens: 10298.7 lumens  
Field Efficiency: 86.3%

Input Watts (W): 125.7  
Input Voltage (V): 120  
Input Current (Ain): NR  
Voltage Rise (V): NR  
Power Factor: NR  
Total Harmonic Distortion (THDi): NR  
Frequency (hertz): 60  
Stabilization Time: NR  
Operation Time: NR  
Ambient Temperature (°C): NR  
Test Distance: 25 FT



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CATALOG NUMBER: GFLD-SA2E-722-U-MWR-XX

### Iso-Candela Plot





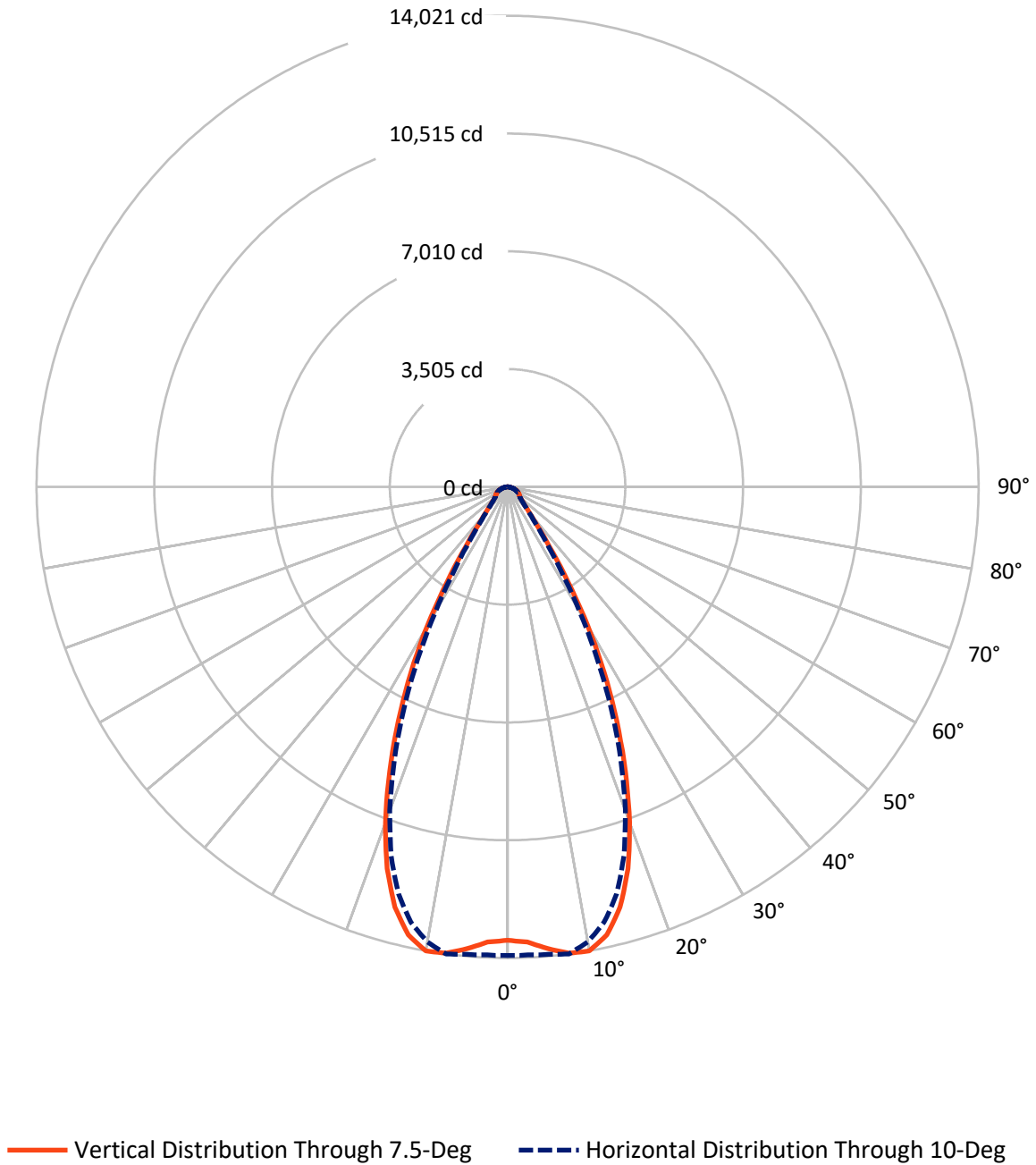
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### Lumen Table

90																			
80	0.3	2.8		7.5		11.9		13.2		11.9		7.5		2.8		0.3			
70																			
60	1.3	1.4	2.9	4.8	6.7	8.1	9.2	9.7	9.7	9.2	8.1	6.7	4.8	2.9	1.4	1.3			
50		2.1	4.3	6.9	9.2	11.1	12.5	13.0	13.0	12.5	11.1	9.2	6.9	4.3	2.1				
40	2.2	2.8	5.5	8.4	11.2	14.6	18.3	21.0	21.0	18.3	14.6	11.2	8.4	5.5	2.8	2.2			
30		3.3	6.3	9.6	14.9	27.1	51.9	76.9	76.9	51.9	27.1	14.9	9.6	6.3	3.3				
20	2.9	3.7	6.9	11.2	24.4	76.6	171.9	240.0	240.0	171.9	76.6	24.4	11.2	6.9	3.7	2.9			
10		3.9	7.3	13.3	44.2	163.3	311.9	390.3	390.3	311.9	163.3	44.2	13.3	7.3	3.9				
0	3.1	4.1	7.5	15.0	63.6	223.5	378.3	411.6	411.6	378.3	223.5	63.6	15.0	7.5	4.1	3.1			
-10		4.1	7.5	15.0	63.6	223.5	378.3	411.6	411.6	378.3	223.5	63.6	15.0	7.5	4.1				
-20	2.9	3.9	7.3	13.3	44.2	163.3	311.9	390.3	390.3	311.9	163.3	44.2	13.3	7.3	3.9	2.9			
-30		3.7	6.9	11.2	24.4	76.6	171.9	240.0	240.0	171.9	76.6	24.4	11.2	6.9	3.7				
-40	2.2	3.3	6.3	9.6	14.9	27.1	51.9	76.9	76.9	51.9	27.1	14.9	9.6	6.3	3.3	2.2			
-50		2.8	5.5	8.4	11.2	14.6	18.3	21.0	21.0	18.3	14.6	11.2	8.4	5.5	2.8				
-60	1.3	2.1	4.3	6.9	9.2	11.1	12.5	13.0	13.0	12.5	11.1	9.2	6.9	4.3	2.1	1.3			
-70		1.4	2.9	4.8	6.7	8.1	9.2	9.7	9.7	9.2	8.1	6.7	4.8	2.9	1.4				
-80																			
-90	0.3	2.8		7.5		11.9		13.2		11.9		7.5		2.8		0.3			
	-90	-80	-70	-60	-50	-40	-30	-20	-10	0	10	20	30	40	50	60	70	80	90

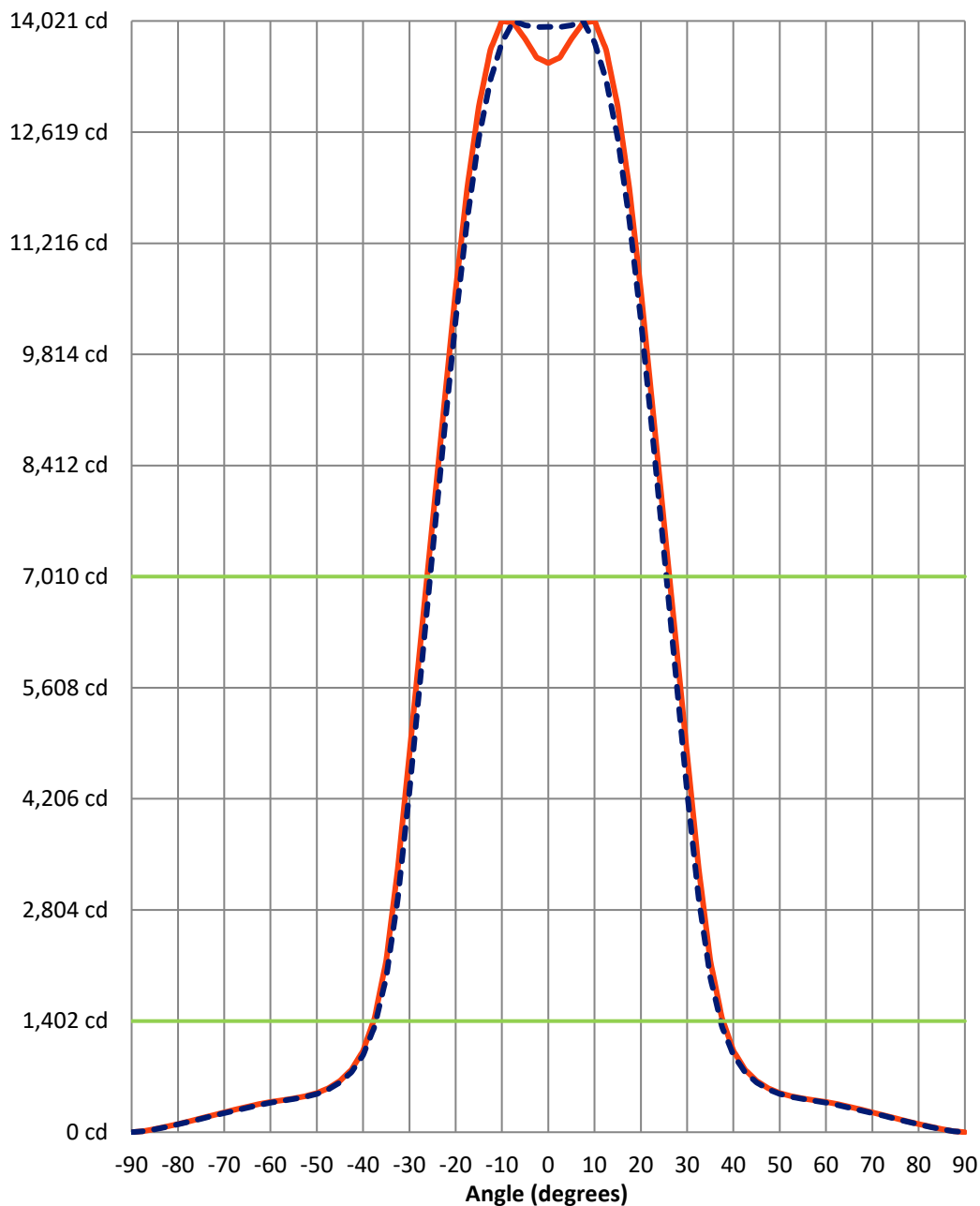
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### Luminous Intensity Polar Plot



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### Luminous Intensity Plot



**Beam:**  
 H Angle: 51°  
 V Angle: 52.3°  
 Lumens: 7920.3  
 Efficiency: 66.4%

**Field:**  
 H Angle: 74.5°  
 V Angle: 75.5°  
 Lumens: 10298.7  
 Efficiency: 86.3%

**Spill:**  
 Lumens: 1634.2  
 Efficiency: 13.7%

— Vertical Distribution through 7.5-Deg  
 - - Horizontal Distribution through 10-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	0.5	1.1	1.6	2.1	2.7	3.2	3.9	4.6	5.4	6.2
85°	0.0	1.1	2.1	3.2	4.3	5.3	6.4	7.7	9.2	10.8	12.4
82.5°	0.0	1.6	3.2	4.8	6.4	8.0	9.5	11.6	14.1	17.7	21.2
80°	0.0	2.1	4.3	6.4	8.5	10.6	13.1	18.1	22.8	27.3	31.5
77.5°	0.0	2.7	5.3	8.0	10.6	14.3	20.0	25.9	31.5	36.8	42.5
75°	0.0	3.2	6.4	9.5	13.1	20.0	26.8	33.6	40.3	48.0	55.6
72.5°	0.0	3.7	7.4	11.1	17.6	25.6	33.5	41.7	50.8	59.8	68.7
70°	0.0	4.2	8.4	12.9	22.1	31.1	40.3	50.8	61.2	71.5	82.2
67.5°	0.0	4.7	9.4	16.2	26.5	36.6	48.0	59.8	71.5	83.5	95.7
65°	0.0	5.2	10.4	19.5	30.8	42.4	55.5	68.7	81.8	95.2	109.5
62.5°	0.0	5.7	11.3	22.6	35.0	48.4	62.8	77.4	91.9	107.1	124.3
60°	0.0	6.1	12.3	25.7	39.1	54.3	69.9	85.9	101.7	119.9	138.7
57.5°	0.0	6.6	14.3	28.7	43.6	60.0	77.0	94.1	112.4	132.4	152.3
55°	0.0	7.1	16.2	31.7	48.0	65.5	84.1	102.2	123.0	144.4	165.3
52.5°	0.0	7.5	18.0	34.5	52.2	70.9	90.9	111.1	133.3	155.8	177.9
50°	0.0	7.9	19.8	37.3	56.2	76.5	97.6	119.8	143.1	166.8	190.2
47.5°	0.0	8.3	21.5	40.0	60.1	81.9	104.1	128.1	152.6	177.4	202.0
45°	0.0	8.7	23.2	42.8	63.9	87.1	110.9	136.1	161.7	187.7	213.4
42.5°	0.0	9.1	24.7	45.4	67.4	92.1	117.4	143.6	170.4	197.4	224.2
40°	0.0	9.4	26.2	47.9	71.0	97.0	123.5	150.8	178.6	206.8	234.5
37.5°	0.0	9.8	27.5	50.2	74.7	101.6	129.3	157.5	186.6	215.8	244.5
35°	0.0	10.1	28.8	52.3	78.2	106.1	134.7	163.8	194.2	224.3	253.8
32.5°	0.0	10.4	30.0	54.4	81.4	110.3	139.7	169.7	201.4	232.1	261.9
30°	0.0	10.7	31.1	56.2	84.5	114.2	144.4	175.2	208.2	239.4	269.5
27.5°	0.0	10.9	32.1	57.9	87.2	117.9	148.7	180.6	214.4	246.0	276.6
25°	0.0	11.1	33.1	59.5	89.7	121.2	152.6	185.6	219.8	251.8	283.0
22.5°	0.0	11.4	33.9	60.9	92.0	124.1	156.1	190.2	224.7	257.0	288.8
20°	0.0	11.6	34.6	62.2	94.0	126.6	159.2	194.4	228.9	261.7	294.1
17.5°	0.0	11.7	35.2	63.3	95.7	128.8	162.0	198.1	232.7	265.7	298.6
15°	0.0	11.9	35.7	64.2	97.2	130.6	164.5	201.4	235.8	269.2	302.5
12.5°	0.0	12.0	36.2	65.0	98.4	132.2	166.7	204.3	238.6	272.1	305.8
10°	0.0	12.1	36.5	65.6	99.4	133.4	168.5	206.7	241.0	274.8	308.5
7.5°	0.0	12.2	36.7	66.0	100.1	134.3	169.9	208.6	242.9	276.9	311.0
5°	0.0	12.3	36.8	66.3	100.5	134.9	171.0	209.9	244.3	278.5	312.7
2.5°	0.0	12.3	36.9	66.4	100.7	135.1	171.6	210.7	245.1	279.4	313.8
0°	0.0	12.3	36.8	66.3	100.6	135.0	171.8	211.0	245.4	279.7	314.1
-2.5°	0.0	12.3	36.9	66.4	100.7	135.1	171.6	210.7	245.1	279.4	313.8
-5°	0.0	12.3	36.8	66.3	100.5	134.9	171.0	209.9	244.3	278.5	312.7
-7.5°	0.0	12.2	36.7	66.0	100.1	134.3	169.9	208.6	242.9	276.9	311.0
-10°	0.0	12.1	36.5	65.6	99.4	133.4	168.5	206.7	241.0	274.8	308.5
-12.5°	0.0	12.0	36.2	65.0	98.4	132.2	166.7	204.3	238.6	272.1	305.8
-15°	0.0	11.9	35.7	64.2	97.2	130.6	164.5	201.4	235.8	269.2	302.5
-17.5°	0.0	11.7	35.2	63.3	95.7	128.8	162.0	198.1	232.7	265.7	298.6
-20°	0.0	11.6	34.6	62.2	94.0	126.6	159.2	194.4	228.9	261.7	294.1

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Scaled Data Report



REPORT NUMBER: P627007 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA2E-722-U-MWR-XX

**CANDELA DISTRIBUTION (continued):**

	-90°	-87.5°	-85°	-82.5°	-80°	-77.5°	-75°	-72.5°	-70°	-67.5°	-65°
-22.5°	0.0	11.4	33.9	60.9	92.0	124.1	156.1	190.2	224.7	257.0	288.8
-25°	0.0	11.1	33.1	59.5	89.7	121.2	152.6	185.6	219.8	251.8	283.0
-27.5°	0.0	10.9	32.1	57.9	87.2	117.9	148.7	180.6	214.4	246.0	276.6
-30°	0.0	10.7	31.1	56.2	84.5	114.2	144.4	175.2	208.2	239.4	269.5
-32.5°	0.0	10.4	30.0	54.4	81.4	110.3	139.7	169.7	201.4	232.1	261.9
-35°	0.0	10.1	28.8	52.3	78.2	106.1	134.7	163.8	194.2	224.3	253.8
-37.5°	0.0	9.8	27.5	50.2	74.7	101.6	129.3	157.5	186.6	215.8	244.5
-40°	0.0	9.4	26.2	47.9	71.0	97.0	123.5	150.8	178.6	206.8	234.5
-42.5°	0.0	9.1	24.7	45.4	67.4	92.1	117.4	143.6	170.4	197.4	224.2
-45°	0.0	8.7	23.2	42.8	63.9	87.1	110.9	136.1	161.7	187.7	213.4
-47.5°	0.0	8.3	21.5	40.0	60.1	81.9	104.1	128.1	152.6	177.4	202.0
-50°	0.0	7.9	19.8	37.3	56.2	76.5	97.6	119.8	143.1	166.8	190.2
-52.5°	0.0	7.5	18.0	34.5	52.2	70.9	90.9	111.1	133.3	155.8	177.9
-55°	0.0	7.1	16.2	31.7	48.0	65.5	84.1	102.2	123.0	144.4	165.3
-57.5°	0.0	6.6	14.3	28.7	43.6	60.0	77.0	94.1	112.4	132.4	152.3
-60°	0.0	6.1	12.3	25.7	39.1	54.3	69.9	85.9	101.7	119.9	138.7
-62.5°	0.0	5.7	11.3	22.6	35.0	48.4	62.8	77.4	91.9	107.1	124.3
-65°	0.0	5.2	10.4	19.5	30.8	42.4	55.5	68.7	81.8	95.2	109.5
-67.5°	0.0	4.7	9.4	16.2	26.5	36.6	48.0	59.8	71.5	83.5	95.7
-70°	0.0	4.2	8.4	12.9	22.1	31.1	40.3	50.8	61.2	71.5	82.2
-72.5°	0.0	3.7	7.4	11.1	17.6	25.6	33.5	41.7	50.8	59.8	68.7
-75°	0.0	3.2	6.4	9.5	13.1	20.0	26.8	33.6	40.3	48.0	55.6
-77.5°	0.0	2.7	5.3	8.0	10.6	14.3	20.0	25.9	31.5	36.8	42.5
-80°	0.0	2.1	4.3	6.4	8.5	10.6	13.1	18.1	22.8	27.3	31.5
-82.5°	0.0	1.6	3.2	4.8	6.4	8.0	9.5	11.6	14.1	17.7	21.2
-85°	0.0	1.1	2.1	3.2	4.3	5.3	6.4	7.7	9.2	10.8	12.4
-87.5°	0.0	0.5	1.1	1.6	2.1	2.7	3.2	3.9	4.6	5.4	6.2
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0





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**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°	6.8	7.3	7.9	8.4	8.9	9.4	9.9	10.4	10.8	11.3	11.7
85°	13.6	14.7	16.6	18.6	20.5	22.4	24.2	25.9	27.5	29.0	30.5
82.5°	24.3	27.5	30.7	34.0	36.9	39.7	42.4	45.2	48.0	50.8	53.5
80°	35.8	40.2	45.3	50.1	54.3	58.3	62.2	65.9	70.0	74.3	78.7
77.5°	49.0	55.3	61.3	66.8	72.2	78.0	83.7	89.1	94.7	100.3	105.7
75°	63.2	70.4	78.0	85.4	92.7	99.7	106.5	113.5	120.6	127.6	134.4
72.5°	77.8	86.9	95.9	104.6	113.6	122.4	130.8	139.0	147.4	156.1	164.3
70°	93.0	103.4	114.4	125.1	135.2	145.4	155.8	165.8	175.6	185.5	195.4
67.5°	108.3	121.4	133.8	145.6	157.6	169.7	181.3	193.3	204.8	216.4	227.5
65°	125.2	139.5	153.1	166.6	180.2	194.3	208.1	221.4	234.8	247.8	259.4
62.5°	141.7	156.9	172.0	187.3	203.5	219.4	234.5	249.8	265.3	278.9	290.7
60°	156.9	173.8	190.6	208.2	226.0	243.1	260.0	276.6	293.4	309.0	318.6
57.5°	171.6	190.3	208.9	227.8	246.6	265.7	283.5	301.8	317.3	330.4	341.6
55°	185.9	206.2	226.0	245.8	266.1	286.1	305.5	322.8	338.0	348.9	359.7
52.5°	199.9	221.2	241.7	263.1	284.7	306.0	326.1	342.2	354.6	365.8	375.9
50°	213.4	235.1	256.7	279.9	302.8	325.2	344.2	358.2	370.9	381.8	392.4
47.5°	226.0	248.7	271.8	296.2	320.2	341.9	359.3	374.0	387.0	398.8	411.3
45°	238.2	262.2	286.6	311.8	336.4	357.3	374.1	390.0	402.1	415.4	429.7
42.5°	250.0	275.2	300.8	326.9	351.6	371.2	388.0	402.6	416.8	432.6	449.9
40°	261.2	287.5	314.3	341.3	366.1	383.4	399.8	415.3	432.6	451.3	471.4
37.5°	271.7	299.1	326.8	354.9	376.7	394.5	411.4	428.6	448.7	470.4	497.6
35°	281.6	309.9	338.5	365.5	386.2	405.1	422.5	441.7	465.2	493.6	528.4
32.5°	290.7	319.8	349.3	374.1	394.9	414.6	432.5	456.4	484.7	518.4	567.7
30°	299.1	328.9	358.5	382.5	402.8	422.6	444.4	471.3	504.3	553.6	616.7
27.5°	307.0	337.2	365.8	389.5	409.9	430.2	455.7	488.4	531.9	590.7	669.1
25°	314.1	345.1	372.7	395.4	416.4	439.0	466.7	503.4	560.6	636.6	742.5
22.5°	320.6	352.2	379.4	400.5	422.6	447.0	479.3	525.3	591.2	679.9	816.6
20°	326.4	357.6	384.3	405.3	428.2	453.6	490.6	546.0	625.5	740.4	914.9
17.5°	331.5	362.3	388.1	409.9	433.7	461.2	501.5	564.0	656.0	793.1	1014.2
15°	335.8	366.4	391.2	413.8	438.5	469.7	516.8	587.5	691.4	848.0	1100.7
12.5°	339.4	369.7	393.8	417.0	442.5	476.9	529.8	609.6	728.1	915.4	1228.3
10°	342.3	372.3	395.8	419.5	445.6	482.7	540.4	627.7	758.6	973.7	1337.1
7.5°	344.9	374.3	397.1	421.3	447.8	487.0	548.5	641.6	781.9	1019.6	1423.2
5°	346.8	375.4	397.9	422.3	449.7	489.8	553.9	651.2	798.1	1052.4	1483.8
2.5°	348.0	375.8	398.0	422.5	451.0	491.0	556.8	656.6	810.7	1067.9	1516.4
0°	348.4	375.4	397.5	422.0	451.5	490.7	557.0	657.6	817.1	1067.4	1521.3
-2.5°	348.0	375.8	398.0	422.5	451.0	491.0	556.8	656.6	810.7	1067.9	1516.4
-5°	346.8	375.4	397.9	422.3	449.7	489.8	553.9	651.2	798.1	1052.4	1483.8
-7.5°	344.9	374.3	397.1	421.3	447.8	487.0	548.5	641.6	781.9	1019.6	1423.2
-10°	342.3	372.3	395.8	419.5	445.6	482.7	540.4	627.7	758.6	973.7	1337.1
-12.5°	339.4	369.7	393.8	417.0	442.5	476.9	529.8	609.6	728.1	915.4	1228.3
-15°	335.8	366.4	391.2	413.8	438.5	469.7	516.8	587.5	691.4	848.0	1100.7
-17.5°	331.5	362.3	388.1	409.9	433.7	461.2	501.5	564.0	656.0	793.1	1014.2
-20°	326.4	357.6	384.3	405.3	428.2	453.6	490.6	546.0	625.5	740.4	914.9



REPORT NUMBER: P627007 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA2E-722-U-MWR-XX

**CANDELA DISTRIBUTION (continued):**

	-62.5°	-60°	-57.5°	-55°	-52.5°	-50°	-47.5°	-45°	-42.5°	-40°	-37.5°
-22.5°	320.6	352.2	379.4	400.5	422.6	447.0	479.3	525.3	591.2	679.9	816.6
-25°	314.1	345.1	372.7	395.4	416.4	439.0	466.7	503.4	560.6	636.6	742.5
-27.5°	307.0	337.2	365.8	389.5	409.9	430.2	455.7	488.4	531.9	590.7	669.1
-30°	299.1	328.9	358.5	382.5	402.8	422.6	444.4	471.3	504.3	553.6	616.7
-32.5°	290.7	319.8	349.3	374.1	394.9	414.6	432.5	456.4	484.7	518.4	567.7
-35°	281.6	309.9	338.5	365.5	386.2	405.1	422.5	441.7	465.2	493.6	528.4
-37.5°	271.7	299.1	326.8	354.9	376.7	394.5	411.4	428.6	448.7	470.4	497.6
-40°	261.2	287.5	314.3	341.3	366.1	383.4	399.8	415.3	432.6	451.3	471.4
-42.5°	250.0	275.2	300.8	326.9	351.6	371.2	388.0	402.6	416.8	432.6	449.9
-45°	238.2	262.2	286.6	311.8	336.4	357.3	374.1	390.0	402.1	415.4	429.7
-47.5°	226.0	248.7	271.8	296.2	320.2	341.9	359.3	374.0	387.0	398.8	411.3
-50°	213.4	235.1	256.7	279.9	302.8	325.2	344.2	358.2	370.9	381.8	392.4
-52.5°	199.9	221.2	241.7	263.1	284.7	306.0	326.1	342.2	354.6	365.8	375.9
-55°	185.9	206.2	226.0	245.8	266.1	286.1	305.5	322.8	338.0	348.9	359.7
-57.5°	171.6	190.3	208.9	227.8	246.6	265.7	283.5	301.8	317.3	330.4	341.6
-60°	156.9	173.8	190.6	208.2	226.0	243.1	260.0	276.6	293.4	309.0	318.6
-62.5°	141.7	156.9	172.0	187.3	203.5	219.4	234.5	249.8	265.3	278.9	290.7
-65°	125.2	139.5	153.1	166.6	180.2	194.3	208.1	221.4	234.8	247.8	259.4
-67.5°	108.3	121.4	133.8	145.6	157.6	169.7	181.3	193.3	204.8	216.4	227.5
-70°	93.0	103.4	114.4	125.1	135.2	145.4	155.8	165.8	175.6	185.5	195.4
-72.5°	77.8	86.9	95.9	104.6	113.6	122.4	130.8	139.0	147.4	156.1	164.3
-75°	63.2	70.4	78.0	85.4	92.7	99.7	106.5	113.5	120.6	127.6	134.4
-77.5°	49.0	55.3	61.3	66.8	72.2	78.0	83.7	89.1	94.7	100.3	105.7
-80°	35.8	40.2	45.3	50.1	54.3	58.3	62.2	65.9	70.0	74.3	78.7
-82.5°	24.3	27.5	30.7	34.0	36.9	39.7	42.4	45.2	48.0	50.8	53.5
-85°	13.6	14.7	16.6	18.6	20.5	22.4	24.2	25.9	27.5	29.0	30.5
-87.5°	6.8	7.3	7.9	8.4	8.9	9.4	9.9	10.4	10.8	11.3	11.7
-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: P627007 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: GFLD-SA2E-722-U-MWR-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°	12.0	11.9	11.7	11.4	11.2	11.9	12.7	13.4	14.2	13.8	13.3
85°	31.9	32.7	33.3	33.8	34.2	35.8	37.2	38.6	39.8	39.8	39.7
82.5°	56.2	58.0	59.6	61.0	62.2	64.0	65.6	67.0	68.2	69.0	69.8
80°	82.8	85.8	88.3	90.6	92.6	95.0	97.1	99.1	100.8	101.7	102.3
77.5°	111.0	115.3	119.1	122.7	126.2	129.6	132.8	135.6	138.0	138.6	138.4
75°	140.7	146.5	151.9	156.9	161.5	165.5	168.9	171.7	174.0	175.2	175.8
72.5°	172.1	179.2	185.5	191.2	196.2	200.3	203.8	206.9	209.5	211.2	212.1
70°	204.8	213.2	219.7	225.1	229.3	233.4	238.0	242.3	246.4	248.7	249.6
67.5°	237.6	246.3	252.3	257.2	261.1	265.1	270.8	276.0	280.6	283.7	285.7
65°	269.7	278.9	284.9	289.6	293.1	297.1	303.6	308.7	312.7	315.8	318.6
62.5°	301.5	310.7	317.4	323.0	328.1	332.5	337.8	342.1	345.5	348.5	352.0
60°	329.0	339.9	346.9	352.6	359.0	365.9	369.7	373.0	375.8	378.3	380.4
57.5°	351.4	361.2	370.2	377.0	383.7	390.1	394.7	397.7	400.2	402.0	402.7
55°	370.2	380.3	390.4	397.7	404.3	410.3	415.3	419.3	422.5	425.1	425.7
52.5°	387.0	398.4	408.3	416.8	425.4	432.5	438.0	443.4	448.1	451.9	453.5
50°	405.3	417.2	429.5	440.9	450.1	458.2	465.0	472.6	480.6	487.2	491.4
47.5°	424.6	438.3	453.2	467.2	478.1	490.1	501.2	512.5	527.4	539.9	549.2
45°	444.8	462.3	479.3	497.2	512.2	534.8	555.7	573.6	597.5	619.2	636.4
42.5°	468.6	490.4	511.3	539.9	569.8	600.6	633.9	662.3	699.6	737.6	768.3
40°	496.8	524.7	561.4	599.8	647.1	689.4	746.9	798.0	855.3	927.8	987.6
37.5°	530.7	573.7	624.8	678.3	752.1	822.5	917.4	1017.5	1108.3	1247.6	1364.8
35°	574.8	634.9	702.2	796.9	901.3	1033.3	1181.3	1374.6	1540.2	1775.3	1999.9
32.5°	631.6	708.9	818.7	965.0	1119.2	1358.9	1593.9	1929.4	2240.0	2612.5	3014.6
30°	694.8	812.4	980.2	1180.9	1468.6	1821.2	2235.4	2750.6	3314.5	3838.1	4354.1
27.5°	786.4	955.0	1175.4	1499.2	1947.6	2440.8	3166.6	3866.0	4595.8	5244.5	5785.5
25°	893.4	1116.1	1457.0	1933.7	2540.2	3384.8	4253.5	5116.8	5901.6	6580.7	7178.5
22.5°	1031.5	1351.8	1806.3	2423.8	3368.1	4380.5	5399.2	6351.4	7188.5	7944.8	8591.9
20°	1181.7	1582.6	2231.5	3152.3	4232.3	5385.7	6535.9	7550.2	8472.0	9329.5	10058.8
17.5°	1372.1	1933.5	2755.3	3859.9	5108.5	6372.2	7580.6	8681.3	9727.1	10634.4	11396.4
15°	1534.4	2242.5	3315.1	4610.6	5961.1	7294.1	8569.9	9765.5	10852.8	11783.8	12500.1
12.5°	1750.9	2588.9	3812.1	5255.9	6719.4	8122.0	9465.8	10701.6	11808.1	12728.8	13286.5
10°	1955.5	2947.5	4292.5	5798.2	7318.6	8813.1	10247.9	11515.3	12542.6	13275.0	13750.2
7.5°	2129.4	3255.7	4683.2	6236.5	7794.7	9357.2	10809.6	12042.7	12989.9	13601.6	13932.4
5°	2259.4	3486.1	4973.2	6592.6	8191.6	9781.5	11222.6	12380.2	13198.8	13653.2	13819.3
2.5°	2342.1	3621.4	5141.5	6826.3	8457.3	10050.0	11505.9	12645.3	13339.9	13641.1	13669.7
0°	2375.2	3638.9	5167.5	6948.9	8524.2	10126.5	11586.4	12754.4	13392.4	13640.2	13635.3
-2.5°	2342.1	3621.4	5141.5	6826.3	8457.3	10050.0	11505.9	12645.3	13339.9	13641.1	13669.7
-5°	2259.4	3486.1	4973.2	6592.6	8191.6	9781.5	11222.6	12380.2	13198.8	13653.2	13819.3
-7.5°	2129.4	3255.7	4683.2	6236.5	7794.7	9357.2	10809.6	12042.7	12989.9	13601.6	13932.4
-10°	1955.5	2947.5	4292.5	5798.2	7318.6	8813.1	10247.9	11515.3	12542.6	13275.0	13750.2
-12.5°	1750.9	2588.9	3812.1	5255.9	6719.4	8122.0	9465.8	10701.6	11808.1	12728.8	13286.5
-15°	1534.4	2242.5	3315.1	4610.6	5961.1	7294.1	8569.9	9765.5	10852.8	11783.8	12500.1
-17.5°	1372.1	1933.5	2755.3	3859.9	5108.5	6372.2	7580.6	8681.3	9727.1	10634.4	11396.4
-20°	1181.7	1582.6	2231.5	3152.3	4232.3	5385.7	6535.9	7550.2	8472.0	9329.5	10058.8

Classified

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

Scaled Data Report



REPORT NUMBER: P627007 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA2E-722-U-MWR-XX

**CANDELA DISTRIBUTION (continued):**

	-35°	-32.5°	-30°	-27.5°	-25°	-22.5°	-20°	-17.5°	-15°	-12.5°	-10°
-22.5°	1031.5	1351.8	1806.3	2423.8	3368.1	4380.5	5399.2	6351.4	7188.5	7944.8	8591.9
-25°	893.4	1116.1	1457.0	1933.7	2540.2	3384.8	4253.5	5116.8	5901.6	6580.7	7178.5
-27.5°	786.4	955.0	1175.4	1499.2	1947.6	2440.8	3166.6	3866.0	4595.8	5244.5	5785.5
-30°	694.8	812.4	980.2	1180.9	1468.6	1821.2	2235.4	2750.6	3314.5	3838.1	4354.1
-32.5°	631.6	708.9	818.7	965.0	1119.2	1358.9	1593.9	1929.4	2240.0	2612.5	3014.6
-35°	574.8	634.9	702.2	796.9	901.3	1033.3	1181.3	1374.6	1540.2	1775.3	1999.9
-37.5°	530.7	573.7	624.8	678.3	752.1	822.5	917.4	1017.5	1108.3	1247.6	1364.8
-40°	496.8	524.7	561.4	599.8	647.1	689.4	746.9	798.0	855.3	927.8	987.6
-42.5°	468.6	490.4	511.3	539.9	569.8	600.6	633.9	662.3	699.6	737.6	768.3
-45°	444.8	462.3	479.3	497.2	512.2	534.8	555.7	573.6	597.5	619.2	636.4
-47.5°	424.6	438.3	453.2	467.2	478.1	490.1	501.2	512.5	527.4	539.9	549.2
-50°	405.3	417.2	429.5	440.9	450.1	458.2	465.0	472.6	480.6	487.2	491.4
-52.5°	387.0	398.4	408.3	416.8	425.4	432.5	438.0	443.4	448.1	451.9	453.5
-55°	370.2	380.3	390.4	397.7	404.3	410.3	415.3	419.3	422.5	425.1	425.7
-57.5°	351.4	361.2	370.2	377.0	383.7	390.1	394.7	397.7	400.2	402.0	402.7
-60°	329.0	339.9	346.9	352.6	359.0	365.9	369.7	373.0	375.8	378.3	380.4
-62.5°	301.5	310.7	317.4	323.0	328.1	332.5	337.8	342.1	345.5	348.5	352.0
-65°	269.7	278.9	284.9	289.6	293.1	297.1	303.6	308.7	312.7	315.8	318.6
-67.5°	237.6	246.3	252.3	257.2	261.1	265.1	270.8	276.0	280.6	283.7	285.7
-70°	204.8	213.2	219.7	225.1	229.3	233.4	238.0	242.3	246.4	248.7	249.6
-72.5°	172.1	179.2	185.5	191.2	196.2	200.3	203.8	206.9	209.5	211.2	212.1
-75°	140.7	146.5	151.9	156.9	161.5	165.5	168.9	171.7	174.0	175.2	175.8
-77.5°	111.0	115.3	119.1	122.7	126.2	129.6	132.8	135.6	138.0	138.6	138.4
-80°	82.8	85.8	88.3	90.6	92.6	95.0	97.1	99.1	100.8	101.7	102.3
-82.5°	56.2	58.0	59.6	61.0	62.2	64.0	65.6	67.0	68.2	69.0	69.8
-85°	31.9	32.7	33.3	33.8	34.2	35.8	37.2	38.6	39.8	39.8	39.7
-87.5°	12.0	11.9	11.7	11.4	11.2	11.9	12.7	13.4	14.2	13.8	13.3
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



REPORT NUMBER: P627007 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA2E-722-U-MWR-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°	12.8	12.3	12.3	12.3	12.3	12.3	12.8	13.3	13.8	14.2	13.4
85°	39.4	39.1	38.0	36.8	38.0	39.1	39.4	39.7	39.8	39.8	38.6
82.5°	70.4	70.8	69.9	68.7	69.9	70.8	70.4	69.8	69.0	68.2	67.0
80°	102.6	102.6	101.7	100.6	101.7	102.6	102.6	102.3	101.7	100.8	99.1
77.5°	137.8	136.8	137.2	137.4	137.2	136.8	137.8	138.4	138.6	138.0	135.6
75°	176.0	175.9	175.3	174.2	175.3	175.9	176.0	175.8	175.2	174.0	171.7
72.5°	212.6	212.6	212.1	211.0	212.1	212.6	212.6	212.1	211.2	209.5	206.9
70°	249.8	249.4	250.0	250.3	250.0	249.4	249.8	249.6	248.7	246.4	242.3
67.5°	287.2	288.2	288.1	287.1	288.1	288.2	287.2	285.7	283.7	280.6	276.0
65°	320.8	322.5	323.5	323.9	323.5	322.5	320.8	318.6	315.8	312.7	308.7
62.5°	354.7	356.6	356.8	355.8	356.8	356.6	354.7	352.0	348.5	345.5	342.1
60°	381.6	381.9	381.4	380.3	381.4	381.9	381.6	380.4	378.3	375.8	373.0
57.5°	402.7	402.0	401.1	400.0	401.1	402.0	402.7	402.7	402.0	400.2	397.7
55°	425.4	424.2	423.2	422.0	423.2	424.2	425.4	425.7	425.1	422.5	419.3
52.5°	453.9	453.2	452.5	451.5	452.5	453.2	453.9	453.5	451.9	448.1	443.4
50°	493.5	494.1	494.1	493.2	494.1	494.1	493.5	491.4	487.2	480.6	472.6
47.5°	555.1	558.4	560.6	561.9	560.6	558.4	555.1	549.2	539.9	527.4	512.5
45°	647.4	653.9	658.6	662.5	658.6	653.9	647.4	636.4	619.2	597.5	573.6
42.5°	789.9	804.6	811.5	809.7	811.5	804.6	789.9	768.3	737.6	699.6	662.3
40°	1027.5	1051.2	1064.3	1074.7	1064.3	1051.2	1027.5	987.6	927.8	855.3	798.0
37.5°	1444.8	1490.8	1515.0	1536.0	1515.0	1490.8	1444.8	1364.8	1247.6	1108.3	1017.5
35°	2167.7	2271.1	2326.5	2345.8	2326.5	2271.1	2167.7	1999.9	1775.3	1540.2	1374.6
32.5°	3327.4	3518.1	3623.6	3705.1	3623.6	3518.1	3327.4	3014.6	2612.5	2240.0	1929.4
30°	4762.7	5013.9	5153.4	5221.5	5153.4	5013.9	4762.7	4354.1	3838.1	3314.5	2750.6
27.5°	6234.0	6519.6	6669.9	6661.8	6669.9	6519.6	6234.0	5785.5	5244.5	4595.8	3866.0
25°	7691.0	8021.8	8171.7	8305.8	8171.7	8021.8	7691.0	7178.5	6580.7	5901.6	5116.8
22.5°	9164.7	9551.5	9762.5	9861.5	9762.5	9551.5	9164.7	8591.9	7944.8	7188.5	6351.4
20°	10620.8	11051.3	11275.4	11373.0	11275.4	11051.3	10620.8	10058.8	9329.5	8472.0	7550.2
17.5°	11912.2	12332.5	12546.1	12636.6	12546.1	12332.5	11912.2	11396.4	10634.4	9727.1	8681.3
15°	12943.4	13253.5	13435.1	13483.2	13435.1	13253.5	12943.4	12500.1	11783.8	10852.8	9765.5
12.5°	13656.2	13776.3	13863.7	13890.5	13863.7	13776.3	13656.2	13286.5	12728.8	11808.1	10701.6
10°	14020.6	13966.5	13944.1	13946.9	13944.1	13966.5	14020.6	13750.2	13275.0	12542.6	11515.3
7.5°	13995.6	13915.3	13754.2	13728.5	13754.2	13915.3	13995.6	13932.4	13601.6	12989.9	12042.7
5°	13794.5	13648.4	13380.9	13304.0	13380.9	13648.4	13794.5	13819.3	13653.2	13198.8	12380.2
2.5°	13560.1	13296.8	13050.4	12891.8	13050.4	13296.8	13560.1	13669.7	13641.1	13339.9	12645.3
0°	13490.5	13186.3	12867.3	12764.2	12867.3	13186.3	13490.5	13635.3	13640.2	13392.4	12754.4
-2.5°	13560.1	13296.8	13050.4	12891.8	13050.4	13296.8	13560.1	13669.7	13641.1	13339.9	12645.3
-5°	13794.5	13648.4	13380.9	13304.0	13380.9	13648.4	13794.5	13819.3	13653.2	13198.8	12380.2
-7.5°	13995.6	13915.3	13754.2	13728.5	13754.2	13915.3	13995.6	13932.4	13601.6	12989.9	12042.7
-10°	14020.6	13966.5	13944.1	13946.9	13944.1	13966.5	14020.6	13750.2	13275.0	12542.6	11515.3
-12.5°	13656.2	13776.3	13863.7	13890.5	13863.7	13776.3	13656.2	13286.5	12728.8	11808.1	10701.6
-15°	12943.4	13253.5	13435.1	13483.2	13435.1	13253.5	12943.4	12500.1	11783.8	10852.8	9765.5
-17.5°	11912.2	12332.5	12546.1	12636.6	12546.1	12332.5	11912.2	11396.4	10634.4	9727.1	8681.3
-20°	10620.8	11051.3	11275.4	11373.0	11275.4	11051.3	10620.8	10058.8	9329.5	8472.0	7550.2



REPORT NUMBER: P627007 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: GFLD-SA2E-722-U-MWR-XX

**CANDELA DISTRIBUTION (continued):**

	-7.5°	-5°	-2.5°	0°	2.5°	5°	7.5°	10°	12.5°	15°	17.5°
-22.5°	9164.7	9551.5	9762.5	9861.5	9762.5	9551.5	9164.7	8591.9	7944.8	7188.5	6351.4
-25°	7691.0	8021.8	8171.7	8305.8	8171.7	8021.8	7691.0	7178.5	6580.7	5901.6	5116.8
-27.5°	6234.0	6519.6	6669.9	6661.8	6669.9	6519.6	6234.0	5785.5	5244.5	4595.8	3866.0
-30°	4762.7	5013.9	5153.4	5221.5	5153.4	5013.9	4762.7	4354.1	3838.1	3314.5	2750.6
-32.5°	3327.4	3518.1	3623.6	3705.1	3623.6	3518.1	3327.4	3014.6	2612.5	2240.0	1929.4
-35°	2167.7	2271.1	2326.5	2345.8	2326.5	2271.1	2167.7	1999.9	1775.3	1540.2	1374.6
-37.5°	1444.8	1490.8	1515.0	1536.0	1515.0	1490.8	1444.8	1364.8	1247.6	1108.3	1017.5
-40°	1027.5	1051.2	1064.3	1074.7	1064.3	1051.2	1027.5	987.6	927.8	855.3	798.0
-42.5°	789.9	804.6	811.5	809.7	811.5	804.6	789.9	768.3	737.6	699.6	662.3
-45°	647.4	653.9	658.6	662.5	658.6	653.9	647.4	636.4	619.2	597.5	573.6
-47.5°	555.1	558.4	560.6	561.9	560.6	558.4	555.1	549.2	539.9	527.4	512.5
-50°	493.5	494.1	494.1	493.2	494.1	494.1	493.5	491.4	487.2	480.6	472.6
-52.5°	453.9	453.2	452.5	451.5	452.5	453.2	453.9	453.5	451.9	448.1	443.4
-55°	425.4	424.2	423.2	422.0	423.2	424.2	425.4	425.7	425.1	422.5	419.3
-57.5°	402.7	402.0	401.1	400.0	401.1	402.0	402.7	402.7	402.0	400.2	397.7
-60°	381.6	381.9	381.4	380.3	381.4	381.9	381.6	380.4	378.3	375.8	373.0
-62.5°	354.7	356.6	356.8	355.8	356.8	356.6	354.7	352.0	348.5	345.5	342.1
-65°	320.8	322.5	323.5	323.9	323.5	322.5	320.8	318.6	315.8	312.7	308.7
-67.5°	287.2	288.2	288.1	287.1	288.1	288.2	287.2	285.7	283.7	280.6	276.0
-70°	249.8	249.4	250.0	250.3	250.0	249.4	249.8	249.6	248.7	246.4	242.3
-72.5°	212.6	212.6	212.1	211.0	212.1	212.6	212.6	212.1	211.2	209.5	206.9
-75°	176.0	175.9	175.3	174.2	175.3	175.9	176.0	175.8	175.2	174.0	171.7
-77.5°	137.8	136.8	137.2	137.4	137.2	136.8	137.8	138.4	138.6	138.0	135.6
-80°	102.6	102.6	101.7	100.6	101.7	102.6	102.6	102.3	101.7	100.8	99.1
-82.5°	70.4	70.8	69.9	68.7	69.9	70.8	70.4	69.8	69.0	68.2	67.0
-85°	39.4	39.1	38.0	36.8	38.0	39.1	39.4	39.7	39.8	39.8	38.6
-87.5°	12.8	12.3	12.3	12.3	12.3	12.3	12.8	13.3	13.8	14.2	13.4
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



REPORT NUMBER: P627007 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA2E-722-U-MWR-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°	12.7	11.9	11.2	11.4	11.7	11.9	12.0	11.7	11.3	10.8	10.4
85°	37.2	35.8	34.2	33.8	33.3	32.7	31.9	30.5	29.0	27.5	25.9
82.5°	65.6	64.0	62.2	61.0	59.6	58.0	56.2	53.5	50.8	48.0	45.2
80°	97.1	95.0	92.6	90.6	88.3	85.8	82.8	78.7	74.3	70.0	65.9
77.5°	132.8	129.6	126.2	122.7	119.1	115.3	111.0	105.7	100.3	94.7	89.1
75°	168.9	165.5	161.5	156.9	151.9	146.5	140.7	134.4	127.6	120.6	113.5
72.5°	203.8	200.3	196.2	191.2	185.5	179.2	172.1	164.3	156.1	147.4	139.0
70°	238.0	233.4	229.3	225.1	219.7	213.2	204.8	195.4	185.5	175.6	165.8
67.5°	270.8	265.1	261.1	257.2	252.3	246.3	237.6	227.5	216.4	204.8	193.3
65°	303.6	297.1	293.1	289.6	284.9	278.9	269.7	259.4	247.8	234.8	221.4
62.5°	337.8	332.5	328.1	323.0	317.4	310.7	301.5	290.7	278.9	265.3	249.8
60°	369.7	365.9	359.0	352.6	346.9	339.9	329.0	318.6	309.0	293.4	276.6
57.5°	394.7	390.1	383.7	377.0	370.2	361.2	351.4	341.6	330.4	317.3	301.8
55°	415.3	410.3	404.3	397.7	390.4	380.3	370.2	359.7	348.9	338.0	322.8
52.5°	438.0	432.5	425.4	416.8	408.3	398.4	387.0	375.9	365.8	354.6	342.2
50°	465.0	458.2	450.1	440.9	429.5	417.2	405.3	392.4	381.8	370.9	358.2
47.5°	501.2	490.1	478.1	467.2	453.2	438.3	424.6	411.3	398.8	387.0	374.0
45°	555.7	534.8	512.2	497.2	479.3	462.3	444.8	429.7	415.4	402.1	390.0
42.5°	633.9	600.6	569.8	539.9	511.3	490.4	468.6	449.9	432.6	416.8	402.6
40°	746.9	689.4	647.1	599.8	561.4	524.7	496.8	471.4	451.3	432.6	415.3
37.5°	917.4	822.5	752.1	678.3	624.8	573.7	530.7	497.6	470.4	448.7	428.6
35°	1181.3	1033.3	901.3	796.9	702.2	634.9	574.8	528.4	493.6	465.2	441.7
32.5°	1593.9	1358.9	1119.2	965.0	818.7	708.9	631.6	567.7	518.4	484.7	456.4
30°	2235.4	1821.2	1468.6	1180.9	980.2	812.4	694.8	616.7	553.6	504.3	471.3
27.5°	3166.6	2440.8	1947.6	1499.2	1175.4	955.0	786.4	669.1	590.7	531.9	488.4
25°	4253.5	3384.8	2540.2	1933.7	1457.0	1116.1	893.4	742.5	636.6	560.6	503.4
22.5°	5399.2	4380.5	3368.1	2423.8	1806.3	1351.8	1031.5	816.6	679.9	591.2	525.3
20°	6535.9	5385.7	4232.3	3152.3	2231.5	1582.6	1181.7	914.9	740.4	625.5	546.0
17.5°	7580.6	6372.2	5108.5	3859.9	2755.3	1933.5	1372.1	1014.2	793.1	656.0	564.0
15°	8569.9	7294.1	5961.1	4610.6	3315.1	2242.5	1534.4	1100.7	848.0	691.4	587.5
12.5°	9465.8	8122.0	6719.4	5255.9	3812.1	2588.9	1750.9	1228.3	915.4	728.1	609.6
10°	10247.9	8813.1	7318.6	5798.2	4292.5	2947.5	1955.5	1337.1	973.7	758.6	627.7
7.5°	10809.6	9357.2	7794.7	6236.5	4683.2	3255.7	2129.4	1423.2	1019.6	781.9	641.6
5°	11222.6	9781.5	8191.6	6592.6	4973.2	3486.1	2259.4	1483.8	1052.4	798.1	651.2
2.5°	11505.9	10050.0	8457.3	6826.3	5141.5	3621.4	2342.1	1516.4	1067.9	810.7	656.6
0°	11586.4	10126.5	8524.2	6948.9	5167.5	3638.9	2375.2	1521.3	1067.4	817.1	657.6
-2.5°	11505.9	10050.0	8457.3	6826.3	5141.5	3621.4	2342.1	1516.4	1067.9	810.7	656.6
-5°	11222.6	9781.5	8191.6	6592.6	4973.2	3486.1	2259.4	1483.8	1052.4	798.1	651.2
-7.5°	10809.6	9357.2	7794.7	6236.5	4683.2	3255.7	2129.4	1423.2	1019.6	781.9	641.6
-10°	10247.9	8813.1	7318.6	5798.2	4292.5	2947.5	1955.5	1337.1	973.7	758.6	627.7
-12.5°	9465.8	8122.0	6719.4	5255.9	3812.1	2588.9	1750.9	1228.3	915.4	728.1	609.6
-15°	8569.9	7294.1	5961.1	4610.6	3315.1	2242.5	1534.4	1100.7	848.0	691.4	587.5
-17.5°	7580.6	6372.2	5108.5	3859.9	2755.3	1933.5	1372.1	1014.2	793.1	656.0	564.0
-20°	6535.9	5385.7	4232.3	3152.3	2231.5	1582.6	1181.7	914.9	740.4	625.5	546.0

Classified

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

Scaled Data Report



REPORT NUMBER: P627007 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA2E-722-U-MWR-XX

**CANDELA DISTRIBUTION (continued):**

	20°	22.5°	25°	27.5°	30°	32.5°	35°	37.5°	40°	42.5°	45°
-22.5°	5399.2	4380.5	3368.1	2423.8	1806.3	1351.8	1031.5	816.6	679.9	591.2	525.3
-25°	4253.5	3384.8	2540.2	1933.7	1457.0	1116.1	893.4	742.5	636.6	560.6	503.4
-27.5°	3166.6	2440.8	1947.6	1499.2	1175.4	955.0	786.4	669.1	590.7	531.9	488.4
-30°	2235.4	1821.2	1468.6	1180.9	980.2	812.4	694.8	616.7	553.6	504.3	471.3
-32.5°	1593.9	1358.9	1119.2	965.0	818.7	708.9	631.6	567.7	518.4	484.7	456.4
-35°	1181.3	1033.3	901.3	796.9	702.2	634.9	574.8	528.4	493.6	465.2	441.7
-37.5°	917.4	822.5	752.1	678.3	624.8	573.7	530.7	497.6	470.4	448.7	428.6
-40°	746.9	689.4	647.1	599.8	561.4	524.7	496.8	471.4	451.3	432.6	415.3
-42.5°	633.9	600.6	569.8	539.9	511.3	490.4	468.6	449.9	432.6	416.8	402.6
-45°	555.7	534.8	512.2	497.2	479.3	462.3	444.8	429.7	415.4	402.1	390.0
-47.5°	501.2	490.1	478.1	467.2	453.2	438.3	424.6	411.3	398.8	387.0	374.0
-50°	465.0	458.2	450.1	440.9	429.5	417.2	405.3	392.4	381.8	370.9	358.2
-52.5°	438.0	432.5	425.4	416.8	408.3	398.4	387.0	375.9	365.8	354.6	342.2
-55°	415.3	410.3	404.3	397.7	390.4	380.3	370.2	359.7	348.9	338.0	322.8
-57.5°	394.7	390.1	383.7	377.0	370.2	361.2	351.4	341.6	330.4	317.3	301.8
-60°	369.7	365.9	359.0	352.6	346.9	339.9	329.0	318.6	309.0	293.4	276.6
-62.5°	337.8	332.5	328.1	323.0	317.4	310.7	301.5	290.7	278.9	265.3	249.8
-65°	303.6	297.1	293.1	289.6	284.9	278.9	269.7	259.4	247.8	234.8	221.4
-67.5°	270.8	265.1	261.1	257.2	252.3	246.3	237.6	227.5	216.4	204.8	193.3
-70°	238.0	233.4	229.3	225.1	219.7	213.2	204.8	195.4	185.5	175.6	165.8
-72.5°	203.8	200.3	196.2	191.2	185.5	179.2	172.1	164.3	156.1	147.4	139.0
-75°	168.9	165.5	161.5	156.9	151.9	146.5	140.7	134.4	127.6	120.6	113.5
-77.5°	132.8	129.6	126.2	122.7	119.1	115.3	111.0	105.7	100.3	94.7	89.1
-80°	97.1	95.0	92.6	90.6	88.3	85.8	82.8	78.7	74.3	70.0	65.9
-82.5°	65.6	64.0	62.2	61.0	59.6	58.0	56.2	53.5	50.8	48.0	45.2
-85°	37.2	35.8	34.2	33.8	33.3	32.7	31.9	30.5	29.0	27.5	25.9
-87.5°	12.7	11.9	11.2	11.4	11.7	11.9	12.0	11.7	11.3	10.8	10.4
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0





REPORT NUMBER: P627007 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA2E-722-U-MWR-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°	9.9	9.4	8.9	8.4	7.9	7.3	6.8	6.2	5.4	4.6	3.9
85°	24.2	22.4	20.5	18.6	16.6	14.7	13.6	12.4	10.8	9.2	7.7
82.5°	42.4	39.7	36.9	34.0	30.7	27.5	24.3	21.2	17.7	14.1	11.6
80°	62.2	58.3	54.3	50.1	45.3	40.2	35.8	31.5	27.3	22.8	18.1
77.5°	83.7	78.0	72.2	66.8	61.3	55.3	49.0	42.5	36.8	31.5	25.9
75°	106.5	99.7	92.7	85.4	78.0	70.4	63.2	55.6	48.0	40.3	33.6
72.5°	130.8	122.4	113.6	104.6	95.9	86.9	77.8	68.7	59.8	50.8	41.7
70°	155.8	145.4	135.2	125.1	114.4	103.4	93.0	82.2	71.5	61.2	50.8
67.5°	181.3	169.7	157.6	145.6	133.8	121.4	108.3	95.7	83.5	71.5	59.8
65°	208.1	194.3	180.2	166.6	153.1	139.5	125.2	109.5	95.2	81.8	68.7
62.5°	234.5	219.4	203.5	187.3	172.0	156.9	141.7	124.3	107.1	91.9	77.4
60°	260.0	243.1	226.0	208.2	190.6	173.8	156.9	138.7	119.9	101.7	85.9
57.5°	283.5	265.7	246.6	227.8	208.9	190.3	171.6	152.3	132.4	112.4	94.1
55°	305.5	286.1	266.1	245.8	226.0	206.2	185.9	165.3	144.4	123.0	102.2
52.5°	326.1	306.0	284.7	263.1	241.7	221.2	199.9	177.9	155.8	133.3	111.1
50°	344.2	325.2	302.8	279.9	256.7	235.1	213.4	190.2	166.8	143.1	119.8
47.5°	359.3	341.9	320.2	296.2	271.8	248.7	226.0	202.0	177.4	152.6	128.1
45°	374.1	357.3	336.4	311.8	286.6	262.2	238.2	213.4	187.7	161.7	136.1
42.5°	388.0	371.2	351.6	326.9	300.8	275.2	250.0	224.2	197.4	170.4	143.6
40°	399.8	383.4	366.1	341.3	314.3	287.5	261.2	234.5	206.8	178.6	150.8
37.5°	411.4	394.5	376.7	354.9	326.8	299.1	271.7	244.5	215.8	186.6	157.5
35°	422.5	405.1	386.2	365.5	338.5	309.9	281.6	253.8	224.3	194.2	163.8
32.5°	432.5	414.6	394.9	374.1	349.3	319.8	290.7	261.9	232.1	201.4	169.7
30°	444.4	422.6	402.8	382.5	358.5	328.9	299.1	269.5	239.4	208.2	175.2
27.5°	455.7	430.2	409.9	389.5	365.8	337.2	307.0	276.6	246.0	214.4	180.6
25°	466.7	439.0	416.4	395.4	372.7	345.1	314.1	283.0	251.8	219.8	185.6
22.5°	479.3	447.0	422.6	400.5	379.4	352.2	320.6	288.8	257.0	224.7	190.2
20°	490.6	453.6	428.2	405.3	384.3	357.6	326.4	294.1	261.7	228.9	194.4
17.5°	501.5	461.2	433.7	409.9	388.1	362.3	331.5	298.6	265.7	232.7	198.1
15°	516.8	469.7	438.5	413.8	391.2	366.4	335.8	302.5	269.2	235.8	201.4
12.5°	529.8	476.9	442.5	417.0	393.8	369.7	339.4	305.8	272.1	238.6	204.3
10°	540.4	482.7	445.6	419.5	395.8	372.3	342.3	308.5	274.8	241.0	206.7
7.5°	548.5	487.0	447.8	421.3	397.1	374.3	344.9	311.0	276.9	242.9	208.6
5°	553.9	489.8	449.7	422.3	397.9	375.4	346.8	312.7	278.5	244.3	209.9
2.5°	556.8	491.0	451.0	422.5	398.0	375.8	348.0	313.8	279.4	245.1	210.7
0°	557.0	490.7	451.5	422.0	397.5	375.4	348.4	314.1	279.7	245.4	211.0
-2.5°	556.8	491.0	451.0	422.5	398.0	375.8	348.0	313.8	279.4	245.1	210.7
-5°	553.9	489.8	449.7	422.3	397.9	375.4	346.8	312.7	278.5	244.3	209.9
-7.5°	548.5	487.0	447.8	421.3	397.1	374.3	344.9	311.0	276.9	242.9	208.6
-10°	540.4	482.7	445.6	419.5	395.8	372.3	342.3	308.5	274.8	241.0	206.7
-12.5°	529.8	476.9	442.5	417.0	393.8	369.7	339.4	305.8	272.1	238.6	204.3
-15°	516.8	469.7	438.5	413.8	391.2	366.4	335.8	302.5	269.2	235.8	201.4
-17.5°	501.5	461.2	433.7	409.9	388.1	362.3	331.5	298.6	265.7	232.7	198.1
-20°	490.6	453.6	428.2	405.3	384.3	357.6	326.4	294.1	261.7	228.9	194.4

Classified

Cooper Lighting Solutions Photometric Lab  
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Scaled Data Report



REPORT NUMBER: P627007 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA2E-722-U-MWR-XX

**CANDELA DISTRIBUTION (continued):**

	47.5°	50°	52.5°	55°	57.5°	60°	62.5°	65°	67.5°	70°	72.5°
-22.5°	479.3	447.0	422.6	400.5	379.4	352.2	320.6	288.8	257.0	224.7	190.2
-25°	466.7	439.0	416.4	395.4	372.7	345.1	314.1	283.0	251.8	219.8	185.6
-27.5°	455.7	430.2	409.9	389.5	365.8	337.2	307.0	276.6	246.0	214.4	180.6
-30°	444.4	422.6	402.8	382.5	358.5	328.9	299.1	269.5	239.4	208.2	175.2
-32.5°	432.5	414.6	394.9	374.1	349.3	319.8	290.7	261.9	232.1	201.4	169.7
-35°	422.5	405.1	386.2	365.5	338.5	309.9	281.6	253.8	224.3	194.2	163.8
-37.5°	411.4	394.5	376.7	354.9	326.8	299.1	271.7	244.5	215.8	186.6	157.5
-40°	399.8	383.4	366.1	341.3	314.3	287.5	261.2	234.5	206.8	178.6	150.8
-42.5°	388.0	371.2	351.6	326.9	300.8	275.2	250.0	224.2	197.4	170.4	143.6
-45°	374.1	357.3	336.4	311.8	286.6	262.2	238.2	213.4	187.7	161.7	136.1
-47.5°	359.3	341.9	320.2	296.2	271.8	248.7	226.0	202.0	177.4	152.6	128.1
-50°	344.2	325.2	302.8	279.9	256.7	235.1	213.4	190.2	166.8	143.1	119.8
-52.5°	326.1	306.0	284.7	263.1	241.7	221.2	199.9	177.9	155.8	133.3	111.1
-55°	305.5	286.1	266.1	245.8	226.0	206.2	185.9	165.3	144.4	123.0	102.2
-57.5°	283.5	265.7	246.6	227.8	208.9	190.3	171.6	152.3	132.4	112.4	94.1
-60°	260.0	243.1	226.0	208.2	190.6	173.8	156.9	138.7	119.9	101.7	85.9
-62.5°	234.5	219.4	203.5	187.3	172.0	156.9	141.7	124.3	107.1	91.9	77.4
-65°	208.1	194.3	180.2	166.6	153.1	139.5	125.2	109.5	95.2	81.8	68.7
-67.5°	181.3	169.7	157.6	145.6	133.8	121.4	108.3	95.7	83.5	71.5	59.8
-70°	155.8	145.4	135.2	125.1	114.4	103.4	93.0	82.2	71.5	61.2	50.8
-72.5°	130.8	122.4	113.6	104.6	95.9	86.9	77.8	68.7	59.8	50.8	41.7
-75°	106.5	99.7	92.7	85.4	78.0	70.4	63.2	55.6	48.0	40.3	33.6
-77.5°	83.7	78.0	72.2	66.8	61.3	55.3	49.0	42.5	36.8	31.5	25.9
-80°	62.2	58.3	54.3	50.1	45.3	40.2	35.8	31.5	27.3	22.8	18.1
-82.5°	42.4	39.7	36.9	34.0	30.7	27.5	24.3	21.2	17.7	14.1	11.6
-85°	24.2	22.4	20.5	18.6	16.6	14.7	13.6	12.4	10.8	9.2	7.7
-87.5°	9.9	9.4	8.9	8.4	7.9	7.3	6.8	6.2	5.4	4.6	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

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REPORT NUMBER: P627007 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA2E-722-U-MWR-XX

**CANDELA DISTRIBUTION (continued):**

	75°	77.5°	80°	82.5°	85°	87.5°	90°
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0
87.5°	3.2	2.7	2.1	1.6	1.1	0.5	0.0
85°	6.4	5.3	4.3	3.2	2.1	1.1	0.0
82.5°	9.5	8.0	6.4	4.8	3.2	1.6	0.0
80°	13.1	10.6	8.5	6.4	4.3	2.1	0.0
77.5°	20.0	14.3	10.6	8.0	5.3	2.7	0.0
75°	26.8	20.0	13.1	9.5	6.4	3.2	0.0
72.5°	33.5	25.6	17.6	11.1	7.4	3.7	0.0
70°	40.3	31.1	22.1	12.9	8.4	4.2	0.0
67.5°	48.0	36.6	26.5	16.2	9.4	4.7	0.0
65°	55.5	42.4	30.8	19.5	10.4	5.2	0.0
62.5°	62.8	48.4	35.0	22.6	11.3	5.7	0.0
60°	69.9	54.3	39.1	25.7	12.3	6.1	0.0
57.5°	77.0	60.0	43.6	28.7	14.3	6.6	0.0
55°	84.1	65.5	48.0	31.7	16.2	7.1	0.0
52.5°	90.9	70.9	52.2	34.5	18.0	7.5	0.0
50°	97.6	76.5	56.2	37.3	19.8	7.9	0.0
47.5°	104.1	81.9	60.1	40.0	21.5	8.3	0.0
45°	110.9	87.1	63.9	42.8	23.2	8.7	0.0
42.5°	117.4	92.1	67.4	45.4	24.7	9.1	0.0
40°	123.5	97.0	71.0	47.9	26.2	9.4	0.0
37.5°	129.3	101.6	74.7	50.2	27.5	9.8	0.0
35°	134.7	106.1	78.2	52.3	28.8	10.1	0.0
32.5°	139.7	110.3	81.4	54.4	30.0	10.4	0.0
30°	144.4	114.2	84.5	56.2	31.1	10.7	0.0
27.5°	148.7	117.9	87.2	57.9	32.1	10.9	0.0
25°	152.6	121.2	89.7	59.5	33.1	11.1	0.0
22.5°	156.1	124.1	92.0	60.9	33.9	11.4	0.0
20°	159.2	126.6	94.0	62.2	34.6	11.6	0.0
17.5°	162.0	128.8	95.7	63.3	35.2	11.7	0.0
15°	164.5	130.6	97.2	64.2	35.7	11.9	0.0
12.5°	166.7	132.2	98.4	65.0	36.2	12.0	0.0
10°	168.5	133.4	99.4	65.6	36.5	12.1	0.0
7.5°	169.9	134.3	100.1	66.0	36.7	12.2	0.0
5°	171.0	134.9	100.5	66.3	36.8	12.3	0.0
2.5°	171.6	135.1	100.7	66.4	36.9	12.3	0.0
0°	171.8	135.0	100.6	66.3	36.8	12.3	0.0
-2.5°	171.6	135.1	100.7	66.4	36.9	12.3	0.0
-5°	171.0	134.9	100.5	66.3	36.8	12.3	0.0
-7.5°	169.9	134.3	100.1	66.0	36.7	12.2	0.0
-10°	168.5	133.4	99.4	65.6	36.5	12.1	0.0
-12.5°	166.7	132.2	98.4	65.0	36.2	12.0	0.0
-15°	164.5	130.6	97.2	64.2	35.7	11.9	0.0
-17.5°	162.0	128.8	95.7	63.3	35.2	11.7	0.0
-20°	159.2	126.6	94.0	62.2	34.6	11.6	0.0

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**CANDELA DISTRIBUTION (continued):**

	75°	77.5°	80°	82.5°	85°	87.5°	90°
-22.5°	156.1	124.1	92.0	60.9	33.9	11.4	0.0
-25°	152.6	121.2	89.7	59.5	33.1	11.1	0.0
-27.5°	148.7	117.9	87.2	57.9	32.1	10.9	0.0
-30°	144.4	114.2	84.5	56.2	31.1	10.7	0.0
-32.5°	139.7	110.3	81.4	54.4	30.0	10.4	0.0
-35°	134.7	106.1	78.2	52.3	28.8	10.1	0.0
-37.5°	129.3	101.6	74.7	50.2	27.5	9.8	0.0
-40°	123.5	97.0	71.0	47.9	26.2	9.4	0.0
-42.5°	117.4	92.1	67.4	45.4	24.7	9.1	0.0
-45°	110.9	87.1	63.9	42.8	23.2	8.7	0.0
-47.5°	104.1	81.9	60.1	40.0	21.5	8.3	0.0
-50°	97.6	76.5	56.2	37.3	19.8	7.9	0.0
-52.5°	90.9	70.9	52.2	34.5	18.0	7.5	0.0
-55°	84.1	65.5	48.0	31.7	16.2	7.1	0.0
-57.5°	77.0	60.0	43.6	28.7	14.3	6.6	0.0
-60°	69.9	54.3	39.1	25.7	12.3	6.1	0.0
-62.5°	62.8	48.4	35.0	22.6	11.3	5.7	0.0
-65°	55.5	42.4	30.8	19.5	10.4	5.2	0.0
-67.5°	48.0	36.6	26.5	16.2	9.4	4.7	0.0
-70°	40.3	31.1	22.1	12.9	8.4	4.2	0.0
-72.5°	33.5	25.6	17.6	11.1	7.4	3.7	0.0
-75°	26.8	20.0	13.1	9.5	6.4	3.2	0.0
-77.5°	20.0	14.3	10.6	8.0	5.3	2.7	0.0
-80°	13.1	10.6	8.5	6.4	4.3	2.1	0.0
-82.5°	9.5	8.0	6.4	4.8	3.2	1.6	0.0
-85°	6.4	5.3	4.3	3.2	2.1	1.1	0.0
-87.5°	3.2	2.7	2.1	1.6	1.1	0.5	0.0
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0

(END OF REPORT)