

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: P627035 (CONVERTED FROM TYPE C PHOTOMETRY)

Luminaire Tested: **GFLD-SA2E-735-U-MR-XX**

Issue Date: 12/7/2022

**Test Information**

Test Method: LM-79-08  
Report Number: P627035 (CONVERTED FROM TYPE C PHOTOMETRY)  
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G2-2210-813-13)  
Test Lab: COOPER LIGHTING SOLUTIONS  
Issue Date: 12/7/2022  
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)  
Product Line: MCGRAW-EDISON  
Catalog Number: GFLD-SA2E-735-U-MR-XX  
Description: GALLEON FLOOD, TWO LIGHT SQAURE, MEDIUM SYMMETRICAL ROUND N49  
Light Source: (32) 3500K CCT, 70 CRI LEDS  
Ballast/Driver: -

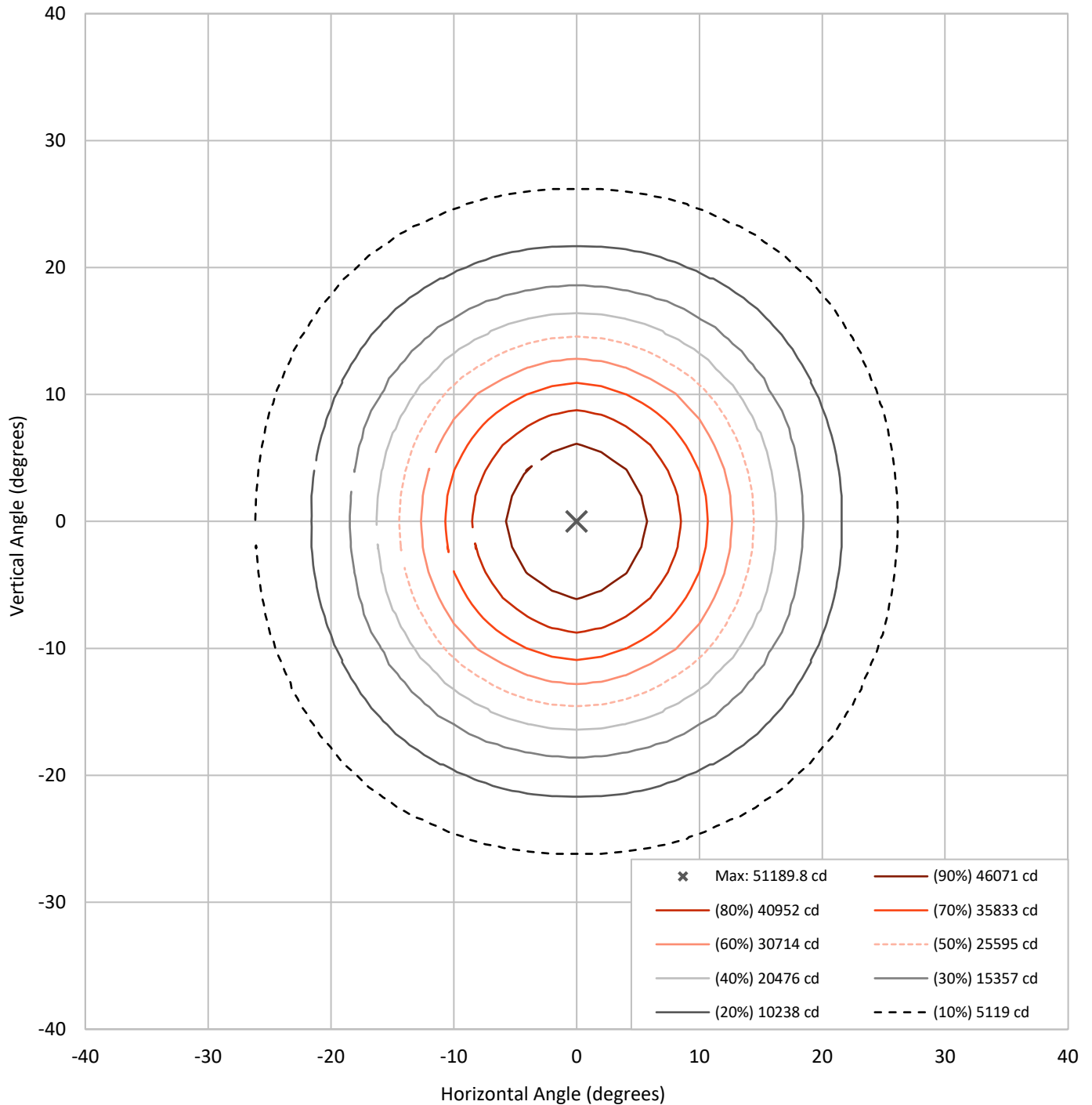
**Summary**

Lumens per Lamp:	N/A	NEMA Type:	4H x 4V
Luminaire Lumens:	15993.5 lumens	Max Intensity:	51189.8 candela
Efficiency:	N/A	Max Intensity Angle:	0°H x 0°V
Efficacy:	127.2 lumens/watt		
Luminous Opening:	Rectangular (W 1' x L: 0.5' x H: 0')		
Beam Angle (50%):	28.8°H x 29°V	Field Angle (10%):	52.3°H x 52.3°V
Beam Lumens:	7775.8 lumens	Field Lumens:	13122.4 lumens
Beam Efficiency:	48.6%	Field Efficiency:	82.0%
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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### Iso-Candela Plot





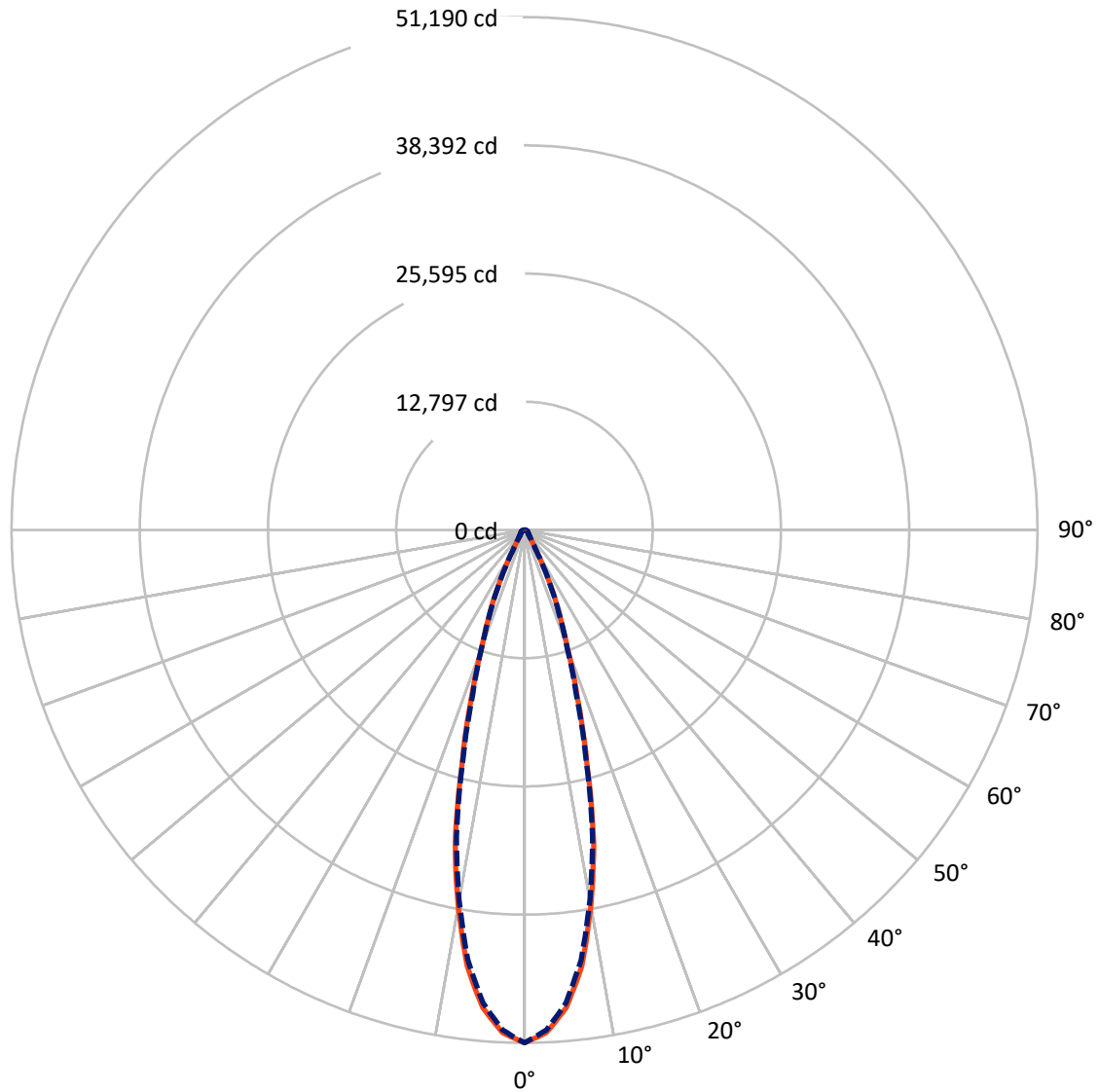
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### Lumen Table

90																
80	0.3	2.6		6.9		11.0		12.2		11.0		6.9		2.6		0.3
70																
60	1.2	1.4	2.8	4.5	6.3	7.7	8.6	9.1	9.1	8.6	7.7	6.3	4.5	2.8	1.4	1.2
50		2.0	4.1	6.7	8.9	11.0	12.3	12.8	12.8	12.3	11.0	8.9	6.7	4.1	2.0	
40	2.1	2.6	5.3	8.2	11.0	13.9	16.3	17.5	17.5	16.3	13.9	11.0	8.2	5.3	2.6	2.1
30		3.1	6.2	9.5	13.4	19.1	27.7	36.0	36.0	27.7	19.1	13.4	9.5	6.2	3.1	
20	2.7	3.5	6.8	10.7	17.2	37.4	105.3	186.7	186.7	105.3	37.4	17.2	10.7	6.8	3.5	2.7
10		3.7	7.1	11.6	23.4	98.2	349.9	670.4	670.4	349.9	98.2	23.4	11.6	7.1	3.7	
0	2.9	3.9	7.3	12.2	29.8	169.4	647.6	1273.7	1273.7	647.6	169.4	29.8	12.2	7.3	3.9	2.9
-10		3.9	7.3	12.2	29.8	169.4	647.6	1273.7	1273.7	647.6	169.4	29.8	12.2	7.3	3.9	
-20	2.7	3.7	7.1	11.6	23.4	98.2	349.9	670.4	670.4	349.9	98.2	23.4	11.6	7.1	3.7	2.7
-30		3.5	6.8	10.7	17.2	37.4	105.3	186.7	186.7	105.3	37.4	17.2	10.7	6.8	3.5	
-40	2.1	3.1	6.2	9.5	13.4	19.1	27.7	36.0	36.0	27.7	19.1	13.4	9.5	6.2	3.1	2.1
-50		2.6	5.3	8.2	11.0	13.9	16.3	17.5	17.5	16.3	13.9	11.0	8.2	5.3	2.6	
-60	1.2	2.0	4.1	6.7	8.9	11.0	12.3	12.8	12.8	12.3	11.0	8.9	6.7	4.1	2.0	1.2
-70		1.4	2.8	4.5	6.3	7.7	8.6	9.1	9.1	8.6	7.7	6.3	4.5	2.8	1.4	
-80																
-90	0.3	2.6		6.9		11.0		12.2		11.0		6.9		2.6		0.3
Horizontal Angle (degrees)																

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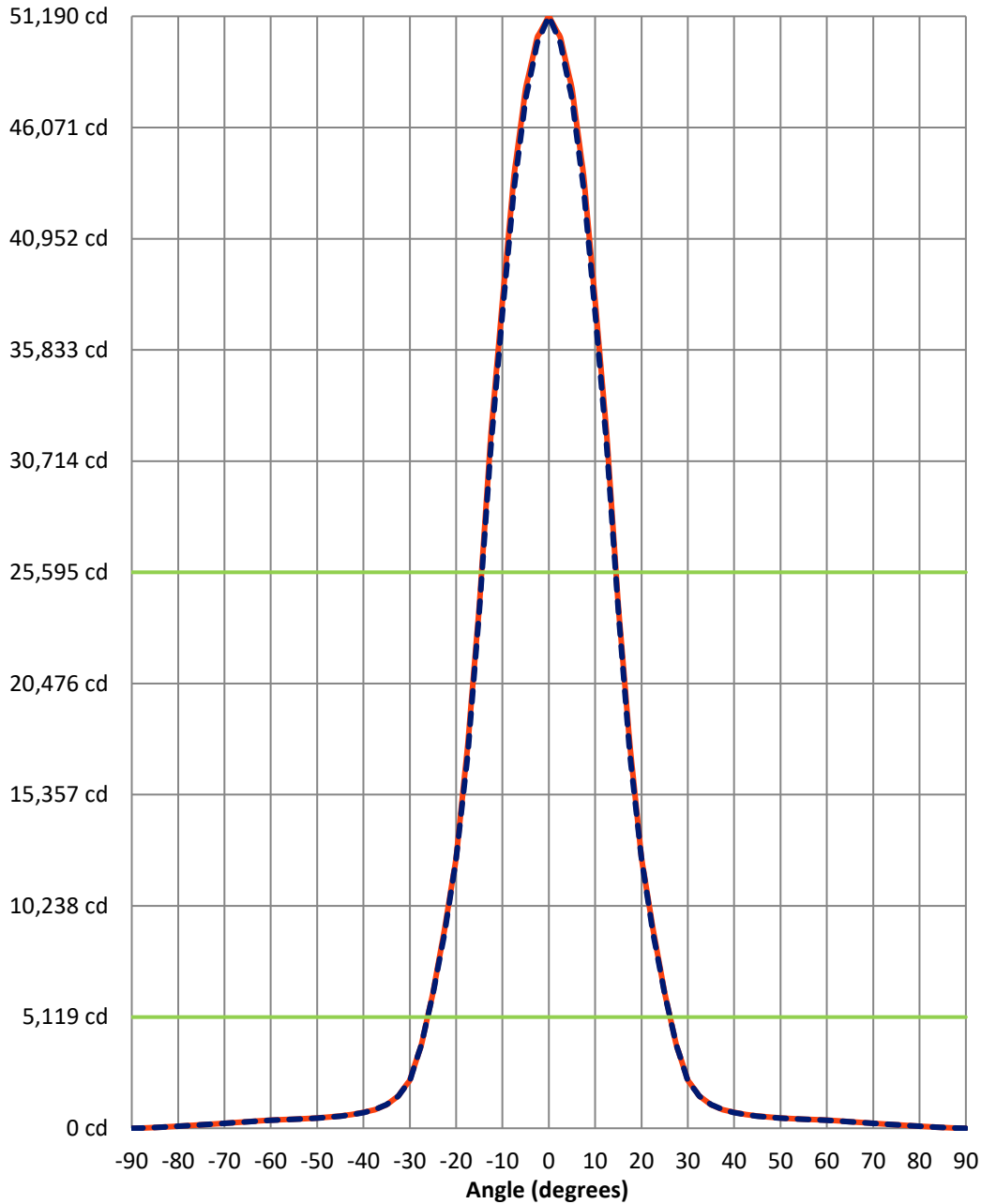
### Luminous Intensity Polar Plot



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

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### Luminous Intensity Plot



**Beam:**  
 H Angle: 28.8°  
 V Angle: 29°  
 Lumens: 7775.8  
 Efficiency: 48.6%

**Field:**  
 H Angle: 52.3°  
 V Angle: 52.3°  
 Lumens: 13122.4  
 Efficiency: 82.0%

**Spill:**  
 Lumens: 2871.1  
 Efficiency: 18.0%

- Vertical Distribution through 0-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	0.6	1.1	1.7	2.3	2.8	3.4	3.9	4.5	5.0	5.5
85°	0.0	1.1	2.3	3.4	4.5	5.7	6.8	7.9	9.0	10.0	11.1
82.5°	0.0	1.7	3.4	5.1	6.8	8.5	10.1	11.8	13.7	16.8	20.0
80°	0.0	2.3	4.5	6.8	9.1	11.3	13.8	17.8	22.0	26.4	31.0
77.5°	0.0	2.8	5.7	8.5	11.3	14.8	19.6	24.8	30.2	35.9	42.2
75°	0.0	3.4	6.8	10.1	13.8	19.6	25.4	31.7	38.5	46.4	54.3
72.5°	0.0	3.9	7.9	11.8	17.6	24.4	31.2	38.9	48.2	57.3	66.3
70°	0.0	4.5	9.0	13.6	21.4	29.2	37.0	47.3	57.7	68.0	79.2
67.5°	0.0	5.0	10.0	16.4	25.2	33.8	44.2	55.5	67.2	79.8	92.2
65°	0.0	5.5	11.1	19.2	28.8	39.0	51.3	63.7	77.4	91.3	105.3
62.5°	0.0	6.0	12.1	21.9	32.4	44.8	58.2	72.2	87.5	102.8	118.7
60°	0.0	6.5	13.1	24.5	35.9	50.5	64.9	80.9	97.4	114.3	131.8
57.5°	0.0	7.0	14.8	27.1	40.3	56.0	72.0	89.3	107.2	125.5	144.7
55°	0.0	7.5	16.5	29.6	44.6	61.3	79.0	97.5	116.6	136.5	157.4
52.5°	0.0	8.0	18.1	32.0	48.7	66.6	85.7	105.5	125.7	147.6	169.7
50°	0.0	8.4	19.6	34.4	52.8	71.9	92.1	113.2	134.7	158.3	181.1
47.5°	0.0	8.8	21.2	36.8	56.7	77.0	98.3	120.6	143.9	168.6	191.9
45°	0.0	9.3	22.6	39.6	60.4	81.8	104.3	127.7	152.8	177.8	202.1
42.5°	0.0	9.7	24.0	42.3	64.0	86.4	110.2	134.8	161.2	186.3	211.5
40°	0.0	10.0	25.3	44.8	67.4	90.7	115.7	141.7	168.9	194.4	220.4
37.5°	0.0	10.4	26.6	47.2	70.7	94.8	121.0	148.2	175.7	202.1	228.7
35°	0.0	10.7	27.8	49.4	73.8	98.8	125.9	154.2	182.2	209.4	236.6
32.5°	0.0	11.0	28.9	51.4	76.7	102.7	130.6	159.8	188.2	216.3	244.3
30°	0.0	11.3	29.9	53.3	79.3	106.3	135.1	164.9	193.8	222.6	251.4
27.5°	0.0	11.6	30.9	55.0	81.7	109.6	139.1	169.3	199.0	228.5	258.0
25°	0.0	11.9	31.8	56.5	83.9	112.6	142.8	173.4	203.7	233.8	264.0
22.5°	0.0	12.1	32.6	57.8	86.0	115.4	146.1	177.1	207.9	238.6	269.9
20°	0.0	12.3	33.3	59.0	87.8	117.8	149.0	180.4	211.6	242.9	275.3
17.5°	0.0	12.5	34.0	60.0	89.5	119.8	151.6	183.2	214.9	246.6	279.9
15°	0.0	12.7	34.5	60.9	91.0	121.5	154.0	185.8	217.6	249.7	283.8
12.5°	0.0	12.8	35.0	61.5	92.3	122.9	156.1	188.3	220.2	252.3	287.1
10°	0.0	12.9	35.4	62.0	93.4	123.9	157.8	190.3	222.5	255.4	290.1
7.5°	0.0	13.0	35.7	62.4	94.2	124.6	159.2	191.9	224.4	258.1	293.4
5°	0.0	13.1	35.9	62.5	94.8	125.0	160.2	193.0	225.7	260.3	296.0
2.5°	0.0	13.1	36.1	62.5	95.2	125.1	160.8	193.7	226.4	261.9	297.9
0°	0.0	13.1	36.1	62.4	95.3	124.9	161.0	193.9	226.7	262.9	299.0
-2.5°	0.0	13.1	36.1	62.5	95.2	125.1	160.8	193.7	226.4	261.9	297.9
-5°	0.0	13.1	35.9	62.5	94.8	125.0	160.2	193.0	225.7	260.3	296.0
-7.5°	0.0	13.0	35.7	62.4	94.2	124.6	159.2	191.9	224.4	258.1	293.4
-10°	0.0	12.9	35.4	62.0	93.4	123.9	157.8	190.3	222.5	255.4	290.1
-12.5°	0.0	12.8	35.0	61.5	92.3	122.9	156.1	188.3	220.2	252.3	287.1
-15°	0.0	12.7	34.5	60.9	91.0	121.5	154.0	185.8	217.6	249.7	283.8
-17.5°	0.0	12.5	34.0	60.0	89.5	119.8	151.6	183.2	214.9	246.6	279.9
-20°	0.0	12.3	33.3	59.0	87.8	117.8	149.0	180.4	211.6	242.9	275.3

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Scaled Data Report



REPORT NUMBER: P627035 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA2E-735-U-MR-XX

**CANDELA DISTRIBUTION (continued):**

	-90°	-87.5°	-85°	-82.5°	-80°	-77.5°	-75°	-72.5°	-70°	-67.5°	-65°
-22.5°	0.0	12.1	32.6	57.8	86.0	115.4	146.1	177.1	207.9	238.6	269.9
-25°	0.0	11.9	31.8	56.5	83.9	112.6	142.8	173.4	203.7	233.8	264.0
-27.5°	0.0	11.6	30.9	55.0	81.7	109.6	139.1	169.3	199.0	228.5	258.0
-30°	0.0	11.3	29.9	53.3	79.3	106.3	135.1	164.9	193.8	222.6	251.4
-32.5°	0.0	11.0	28.9	51.4	76.7	102.7	130.6	159.8	188.2	216.3	244.3
-35°	0.0	10.7	27.8	49.4	73.8	98.8	125.9	154.2	182.2	209.4	236.6
-37.5°	0.0	10.4	26.6	47.2	70.7	94.8	121.0	148.2	175.7	202.1	228.7
-40°	0.0	10.0	25.3	44.8	67.4	90.7	115.7	141.7	168.9	194.4	220.4
-42.5°	0.0	9.7	24.0	42.3	64.0	86.4	110.2	134.8	161.2	186.3	211.5
-45°	0.0	9.3	22.6	39.6	60.4	81.8	104.3	127.7	152.8	177.8	202.1
-47.5°	0.0	8.8	21.2	36.8	56.7	77.0	98.3	120.6	143.9	168.6	191.9
-50°	0.0	8.4	19.6	34.4	52.8	71.9	92.1	113.2	134.7	158.3	181.1
-52.5°	0.0	8.0	18.1	32.0	48.7	66.6	85.7	105.5	125.7	147.6	169.7
-55°	0.0	7.5	16.5	29.6	44.6	61.3	79.0	97.5	116.6	136.5	157.4
-57.5°	0.0	7.0	14.8	27.1	40.3	56.0	72.0	89.3	107.2	125.5	144.7
-60°	0.0	6.5	13.1	24.5	35.9	50.5	64.9	80.9	97.4	114.3	131.8
-62.5°	0.0	6.0	12.1	21.9	32.4	44.8	58.2	72.2	87.5	102.8	118.7
-65°	0.0	5.5	11.1	19.2	28.8	39.0	51.3	63.7	77.4	91.3	105.3
-67.5°	0.0	5.0	10.0	16.4	25.2	33.8	44.2	55.5	67.2	79.8	92.2
-70°	0.0	4.5	9.0	13.6	21.4	29.2	37.0	47.3	57.7	68.0	79.2
-72.5°	0.0	3.9	7.9	11.8	17.6	24.4	31.2	38.9	48.2	57.3	66.3
-75°	0.0	3.4	6.8	10.1	13.8	19.6	25.4	31.7	38.5	46.4	54.3
-77.5°	0.0	2.8	5.7	8.5	11.3	14.8	19.6	24.8	30.2	35.9	42.2
-80°	0.0	2.3	4.5	6.8	9.1	11.3	13.8	17.8	22.0	26.4	31.0
-82.5°	0.0	1.7	3.4	5.1	6.8	8.5	10.1	11.8	13.7	16.8	20.0
-85°	0.0	1.1	2.3	3.4	4.5	5.7	6.8	7.9	9.0	10.0	11.1
-87.5°	0.0	0.6	1.1	1.7	2.3	2.8	3.4	3.9	4.5	5.0	5.5
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0





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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°	6.0	6.5	7.0	7.5	8.0	8.4	8.8	9.3	9.7	10.0	10.4
85°	12.1	13.1	15.0	16.9	18.8	20.6	22.3	24.0	25.6	27.1	28.5
82.5°	23.2	26.2	29.1	32.0	34.7	37.4	40.0	42.5	44.9	47.2	49.3
80°	35.2	39.2	43.3	47.0	50.6	54.2	57.7	61.0	64.2	67.6	71.2
77.5°	47.9	53.1	57.7	62.0	66.6	72.2	77.7	82.9	87.8	92.6	97.1
75°	61.1	66.9	73.3	79.7	86.3	93.0	99.6	105.8	111.9	118.2	124.5
72.5°	74.9	82.8	90.6	98.1	106.4	114.6	122.1	128.9	136.6	145.1	152.9
70°	89.5	98.7	108.5	118.1	127.5	136.6	145.9	155.3	164.7	173.9	182.6
67.5°	104.2	115.8	127.0	138.0	148.7	159.6	170.6	181.9	192.8	203.2	213.3
65°	119.9	132.8	145.4	157.7	169.6	182.9	196.0	208.5	222.3	235.1	246.1
62.5°	135.1	149.6	163.5	177.4	191.9	206.6	221.7	237.5	253.9	265.7	275.9
60°	149.8	166.1	181.6	197.6	213.7	230.3	247.7	264.5	279.5	292.4	303.1
57.5°	164.1	182.3	199.6	216.9	234.5	253.4	272.5	289.7	303.7	316.1	327.9
55°	178.0	198.2	216.5	234.9	255.0	277.1	296.7	312.3	326.5	336.8	348.1
52.5°	191.2	212.8	232.0	252.6	275.5	298.5	318.0	333.1	345.1	355.8	366.7
50°	203.8	225.6	246.9	270.3	294.5	317.6	337.3	351.2	363.2	374.3	384.9
47.5°	215.2	237.9	261.9	286.9	312.3	335.1	354.0	368.1	380.6	392.0	403.6
45°	226.0	250.4	275.9	303.3	329.3	351.9	369.1	384.2	396.3	409.1	423.6
42.5°	236.4	262.3	290.1	319.3	345.9	366.5	383.1	397.7	411.5	427.0	443.1
40°	246.5	273.5	303.5	334.3	361.3	379.1	395.8	411.3	427.3	444.7	462.4
37.5°	256.0	285.0	316.1	348.2	372.7	391.2	408.4	425.7	443.6	462.4	484.4
35°	264.7	295.5	328.2	359.2	382.6	402.9	421.4	440.1	460.2	483.1	507.4
32.5°	273.1	305.1	339.4	368.5	391.8	413.4	433.8	455.0	477.9	503.2	531.0
30°	281.4	314.5	349.2	377.9	399.9	422.1	446.0	469.6	495.1	523.2	555.8
27.5°	289.5	323.2	357.4	385.4	407.1	429.6	455.3	483.9	511.8	542.6	580.3
25°	296.8	332.1	365.5	391.3	413.3	436.8	463.7	494.1	526.9	563.5	609.7
22.5°	303.8	340.2	373.2	396.3	418.4	443.2	472.0	504.2	539.9	582.3	638.7
20°	310.4	346.5	378.3	400.9	422.6	448.2	479.2	513.1	553.9	605.3	672.7
17.5°	316.1	351.9	381.8	404.7	427.1	453.4	485.3	520.7	566.4	625.5	705.4
15°	321.0	356.2	384.9	407.6	430.9	458.7	491.6	530.1	580.2	645.4	733.6
12.5°	325.0	359.6	387.4	409.7	433.8	462.7	497.0	539.2	594.0	667.1	771.6
10°	328.2	362.1	389.4	411.0	435.9	465.3	501.2	546.3	605.2	685.2	804.1
7.5°	331.2	364.3	390.9	411.5	437.1	466.6	504.2	551.4	613.4	698.7	830.1
5°	333.5	366.3	391.7	412.7	437.8	467.2	506.1	554.3	618.5	707.7	848.5
2.5°	334.8	367.6	391.7	413.7	437.9	467.4	508.5	555.9	624.2	715.2	858.9
0°	335.2	368.0	391.0	414.0	437.0	466.6	509.3	555.3	627.6	719.6	860.9
-2.5°	334.8	367.6	391.7	413.7	437.9	467.4	508.5	555.9	624.2	715.2	858.9
-5°	333.5	366.3	391.7	412.7	437.8	467.2	506.1	554.3	618.5	707.7	848.5
-7.5°	331.2	364.3	390.9	411.5	437.1	466.6	504.2	551.4	613.4	698.7	830.1
-10°	328.2	362.1	389.4	411.0	435.9	465.3	501.2	546.3	605.2	685.2	804.1
-12.5°	325.0	359.6	387.4	409.7	433.8	462.7	497.0	539.2	594.0	667.1	771.6
-15°	321.0	356.2	384.9	407.6	430.9	458.7	491.6	530.1	580.2	645.4	733.6
-17.5°	316.1	351.9	381.8	404.7	427.1	453.4	485.3	520.7	566.4	625.5	705.4
-20°	310.4	346.5	378.3	400.9	422.6	448.2	479.2	513.1	553.9	605.3	672.7

Classified

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

Scaled Data Report



REPORT NUMBER: P627035 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA2E-735-U-MR-XX

**CANDELA DISTRIBUTION (continued):**

	-62.5°	-60°	-57.5°	-55°	-52.5°	-50°	-47.5°	-45°	-42.5°	-40°	-37.5°
-22.5°	303.8	340.2	373.2	396.3	418.4	443.2	472.0	504.2	539.9	582.3	638.7
-25°	296.8	332.1	365.5	391.3	413.3	436.8	463.7	494.1	526.9	563.5	609.7
-27.5°	289.5	323.2	357.4	385.4	407.1	429.6	455.3	483.9	511.8	542.6	580.3
-30°	281.4	314.5	349.2	377.9	399.9	422.1	446.0	469.6	495.1	523.2	555.8
-32.5°	273.1	305.1	339.4	368.5	391.8	413.4	433.8	455.0	477.9	503.2	531.0
-35°	264.7	295.5	328.2	359.2	382.6	402.9	421.4	440.1	460.2	483.1	507.4
-37.5°	256.0	285.0	316.1	348.2	372.7	391.2	408.4	425.7	443.6	462.4	484.4
-40°	246.5	273.5	303.5	334.3	361.3	379.1	395.8	411.3	427.3	444.7	462.4
-42.5°	236.4	262.3	290.1	319.3	345.9	366.5	383.1	397.7	411.5	427.0	443.1
-45°	226.0	250.4	275.9	303.3	329.3	351.9	369.1	384.2	396.3	409.1	423.6
-47.5°	215.2	237.9	261.9	286.9	312.3	335.1	354.0	368.1	380.6	392.0	403.6
-50°	203.8	225.6	246.9	270.3	294.5	317.6	337.3	351.2	363.2	374.3	384.9
-52.5°	191.2	212.8	232.0	252.6	275.5	298.5	318.0	333.1	345.1	355.8	366.7
-55°	178.0	198.2	216.5	234.9	255.0	277.1	296.7	312.3	326.5	336.8	348.1
-57.5°	164.1	182.3	199.6	216.9	234.5	253.4	272.5	289.7	303.7	316.1	327.9
-60°	149.8	166.1	181.6	197.6	213.7	230.3	247.7	264.5	279.5	292.4	303.1
-62.5°	135.1	149.6	163.5	177.4	191.9	206.6	221.7	237.5	253.9	265.7	275.9
-65°	119.9	132.8	145.4	157.7	169.6	182.9	196.0	208.5	222.3	235.1	246.1
-67.5°	104.2	115.8	127.0	138.0	148.7	159.6	170.6	181.9	192.8	203.2	213.3
-70°	89.5	98.7	108.5	118.1	127.5	136.6	145.9	155.3	164.7	173.9	182.6
-72.5°	74.9	82.8	90.6	98.1	106.4	114.6	122.1	128.9	136.6	145.1	152.9
-75°	61.1	66.9	73.3	79.7	86.3	93.0	99.6	105.8	111.9	118.2	124.5
-77.5°	47.9	53.1	57.7	62.0	66.6	72.2	77.7	82.9	87.8	92.6	97.1
-80°	35.2	39.2	43.3	47.0	50.6	54.2	57.7	61.0	64.2	67.6	71.2
-82.5°	23.2	26.2	29.1	32.0	34.7	37.4	40.0	42.5	44.9	47.2	49.3
-85°	12.1	13.1	15.0	16.9	18.8	20.6	22.3	24.0	25.6	27.1	28.5
-87.5°	6.0	6.5	7.0	7.5	8.0	8.4	8.8	9.3	9.7	10.0	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: P627035 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: GFLD-SA2E-735-U-MR-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°	10.7	11.0	11.3	11.6	11.9	12.1	12.3	12.5	12.7	12.8	12.9
85°	29.9	31.1	32.3	33.4	34.5	34.7	34.8	34.7	34.5	35.0	35.4
82.5°	51.4	53.7	56.0	58.3	60.6	61.4	62.0	62.4	62.7	63.6	64.3
80°	74.6	78.3	81.6	84.7	87.4	89.3	91.0	92.6	94.1	94.8	95.1
77.5°	101.6	106.1	110.2	114.0	117.6	120.4	122.6	124.4	125.8	126.7	127.3
75°	130.7	136.3	141.3	145.9	150.1	153.1	155.2	156.7	157.7	158.8	159.7
72.5°	160.1	166.4	172.3	177.9	182.8	186.2	188.6	190.5	192.0	193.1	193.7
70°	190.9	198.5	205.0	210.6	215.0	218.3	220.9	223.0	224.6	225.7	226.3
67.5°	222.9	231.0	237.1	242.0	246.0	249.4	252.6	255.0	256.6	258.2	259.9
65°	255.4	263.7	270.0	275.1	279.3	283.8	287.9	291.0	293.1	294.9	296.8
62.5°	286.0	295.4	302.7	309.4	316.2	322.7	326.5	329.4	331.4	333.3	335.4
60°	313.8	324.5	333.3	341.5	349.9	358.3	361.8	364.5	367.1	369.5	371.6
57.5°	338.6	349.9	360.6	368.7	376.7	384.5	390.0	393.0	395.0	396.1	397.0
55°	360.1	371.3	382.0	391.4	400.1	408.1	414.2	417.1	419.3	420.6	421.5
52.5°	379.3	391.3	402.8	413.2	422.6	431.3	438.8	442.8	446.1	448.4	449.1
50°	398.2	411.3	423.7	434.8	445.7	456.1	465.7	471.3	475.1	477.5	478.3
47.5°	417.9	432.1	445.6	458.4	470.8	483.2	494.5	502.1	507.7	511.9	514.8
45°	438.5	453.7	468.6	483.8	498.0	514.0	528.4	539.4	547.6	554.6	560.3
42.5°	459.2	476.3	493.4	513.0	532.4	550.5	567.7	582.3	595.7	608.7	618.9
40°	481.7	500.5	523.9	547.0	571.0	592.0	617.0	639.4	660.0	682.1	700.4
37.5°	506.3	530.4	558.1	585.8	617.0	647.4	682.2	716.6	746.5	785.3	816.4
35°	533.1	563.6	596.3	633.6	673.8	721.3	770.2	827.4	876.0	937.7	994.7
32.5°	562.9	598.8	641.3	692.5	746.8	823.1	894.6	991.7	1074.7	1181.7	1298.7
30°	593.3	639.7	697.4	763.6	855.4	963.6	1089.8	1254.0	1431.5	1615.2	1862.5
27.5°	629.2	689.5	761.6	863.7	1001.1	1151.0	1408.0	1685.6	2072.3	2378.5	2923.7
25°	668.0	742.6	849.0	997.0	1187.0	1490.2	1924.1	2426.6	3200.4	3888.7	4679.7
22.5°	713.9	815.2	956.1	1150.0	1481.1	2002.7	2680.0	3711.9	4859.1	5991.2	7026.1
20°	762.5	884.8	1081.9	1397.7	1909.3	2663.6	3872.1	5346.6	6869.5	8421.1	9728.7
17.5°	819.2	985.4	1245.0	1664.4	2394.3	3685.7	5299.9	7174.9	9164.5	11144.4	12864.2
15°	867.9	1073.2	1422.8	2051.0	3139.6	4754.9	6738.8	9106.8	11608.7	14178.2	16963.2
12.5°	930.1	1179.2	1606.1	2370.6	3800.8	5900.3	8327.8	11077.1	14132.3	17544.0	21885.6
10°	987.2	1290.2	1847.2	2882.8	4595.6	6970.3	9700.4	12819.6	16782.4	21909.3	27146.3
7.5°	1032.9	1378.4	2034.1	3282.4	5262.1	7884.3	10936.2	14676.0	19620.0	25725.0	31708.5
5°	1064.7	1439.4	2167.9	3584.4	5798.3	8582.9	11813.3	16044.4	22011.7	28848.2	34957.9
2.5°	1084.7	1472.9	2233.4	3763.8	6148.0	9003.2	12360.4	16914.1	23477.6	30836.4	37022.2
0°	1094.2	1478.6	2191.6	3851.0	6197.1	8973.6	12410.5	17204.6	23825.5	31376.3	37537.2
-2.5°	1084.7	1472.9	2233.4	3763.8	6148.0	9003.2	12360.4	16914.1	23477.6	30836.4	37022.2
-5°	1064.7	1439.4	2167.9	3584.4	5798.3	8582.9	11813.3	16044.4	22011.7	28848.2	34957.9
-7.5°	1032.9	1378.4	2034.1	3282.4	5262.1	7884.3	10936.2	14676.0	19620.0	25725.0	31708.5
-10°	987.2	1290.2	1847.2	2882.8	4595.6	6970.3	9700.4	12819.6	16782.4	21909.3	27146.3
-12.5°	930.1	1179.2	1606.1	2370.6	3800.8	5900.3	8327.8	11077.1	14132.3	17544.0	21885.6
-15°	867.9	1073.2	1422.8	2051.0	3139.6	4754.9	6738.8	9106.8	11608.7	14178.2	16963.2
-17.5°	819.2	985.4	1245.0	1664.4	2394.3	3685.7	5299.9	7174.9	9164.5	11144.4	12864.2
-20°	762.5	884.8	1081.9	1397.7	1909.3	2663.6	3872.1	5346.6	6869.5	8421.1	9728.7

Classified

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

Scaled Data Report



REPORT NUMBER: P627035 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA2E-735-U-MR-XX

**CANDELA DISTRIBUTION (continued):**

	-35°	-32.5°	-30°	-27.5°	-25°	-22.5°	-20°	-17.5°	-15°	-12.5°	-10°
-22.5°	713.9	815.2	956.1	1150.0	1481.1	2002.7	2680.0	3711.9	4859.1	5991.2	7026.1
-25°	668.0	742.6	849.0	997.0	1187.0	1490.2	1924.1	2426.6	3200.4	3888.7	4679.7
-27.5°	629.2	689.5	761.6	863.7	1001.1	1151.0	1408.0	1685.6	2072.3	2378.5	2923.7
-30°	593.3	639.7	697.4	763.6	855.4	963.6	1089.8	1254.0	1431.5	1615.2	1862.5
-32.5°	562.9	598.8	641.3	692.5	746.8	823.1	894.6	991.7	1074.7	1181.7	1298.7
-35°	533.1	563.6	596.3	633.6	673.8	721.3	770.2	827.4	876.0	937.7	994.7
-37.5°	506.3	530.4	558.1	585.8	617.0	647.4	682.2	716.6	746.5	785.3	816.4
-40°	481.7	500.5	523.9	547.0	571.0	592.0	617.0	639.4	660.0	682.1	700.4
-42.5°	459.2	476.3	493.4	513.0	532.4	550.5	567.7	582.3	595.7	608.7	618.9
-45°	438.5	453.7	468.6	483.8	498.0	514.0	528.4	539.4	547.6	554.6	560.3
-47.5°	417.9	432.1	445.6	458.4	470.8	483.2	494.5	502.1	507.7	511.9	514.8
-50°	398.2	411.3	423.7	434.8	445.7	456.1	465.7	471.3	475.1	477.5	478.3
-52.5°	379.3	391.3	402.8	413.2	422.6	431.3	438.8	442.8	446.1	448.4	449.1
-55°	360.1	371.3	382.0	391.4	400.1	408.1	414.2	417.1	419.3	420.6	421.5
-57.5°	338.6	349.9	360.6	368.7	376.7	384.5	390.0	393.0	395.0	396.1	397.0
-60°	313.8	324.5	333.3	341.5	349.9	358.3	361.8	364.5	367.1	369.5	371.6
-62.5°	286.0	295.4	302.7	309.4	316.2	322.7	326.5	329.4	331.4	333.3	335.4
-65°	255.4	263.7	270.0	275.1	279.3	283.8	287.9	291.0	293.1	294.9	296.8
-67.5°	222.9	231.0	237.1	242.0	246.0	249.4	252.6	255.0	256.6	258.2	259.9
-70°	190.9	198.5	205.0	210.6	215.0	218.3	220.9	223.0	224.6	225.7	226.3
-72.5°	160.1	166.4	172.3	177.9	182.8	186.2	188.6	190.5	192.0	193.1	193.7
-75°	130.7	136.3	141.3	145.9	150.1	153.1	155.2	156.7	157.7	158.8	159.7
-77.5°	101.6	106.1	110.2	114.0	117.6	120.4	122.6	124.4	125.8	126.7	127.3
-80°	74.6	78.3	81.6	84.7	87.4	89.3	91.0	92.6	94.1	94.8	95.1
-82.5°	51.4	53.7	56.0	58.3	60.6	61.4	62.0	62.4	62.7	63.6	64.3
-85°	29.9	31.1	32.3	33.4	34.5	34.7	34.8	34.7	34.5	35.0	35.4
-87.5°	10.7	11.0	11.3	11.6	11.9	12.1	12.3	12.5	12.7	12.8	12.9
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



REPORT NUMBER: P627035 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: GFLD-SA2E-735-U-MR-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°	13.0	13.1	13.1	13.1	13.1	13.1	13.0	12.9	12.8	12.7	12.5
85°	35.7	35.9	36.1	36.1	36.1	35.9	35.7	35.4	35.0	34.5	34.7
82.5°	64.9	65.4	65.6	65.7	65.6	65.4	64.9	64.3	63.6	62.7	62.4
80°	95.1	94.9	95.2	95.3	95.2	94.9	95.1	95.1	94.8	94.1	92.6
77.5°	127.6	127.5	127.9	128.1	127.9	127.5	127.6	127.3	126.7	125.8	124.4
75°	160.2	160.3	160.8	161.0	160.8	160.3	160.2	159.7	158.8	157.7	156.7
72.5°	193.7	193.2	193.7	193.9	193.7	193.2	193.7	193.7	193.1	192.0	190.5
70°	226.3	225.9	228.0	230.0	228.0	225.9	226.3	226.3	225.7	224.6	223.0
67.5°	261.1	261.7	264.1	266.2	264.1	261.7	261.1	259.9	258.2	256.6	255.0
65°	297.8	297.9	300.1	302.3	300.1	297.9	297.8	296.8	294.9	293.1	291.0
62.5°	336.7	337.0	339.4	341.7	339.4	337.0	336.7	335.4	333.3	331.4	329.4
60°	372.9	373.3	374.2	374.6	374.2	373.3	372.9	371.6	369.5	367.1	364.5
57.5°	397.3	396.9	397.3	397.6	397.3	396.9	397.3	397.0	396.1	395.0	393.0
55°	421.3	420.2	419.0	417.3	419.0	420.2	421.3	421.5	420.6	419.3	417.1
52.5°	448.5	446.8	445.2	443.6	445.2	446.8	448.5	449.1	448.4	446.1	442.8
50°	477.8	476.2	474.7	473.2	474.7	476.2	477.8	478.3	477.5	475.1	471.3
47.5°	516.9	517.6	517.3	515.9	517.3	517.6	516.9	514.8	511.9	507.7	502.1
45°	564.3	566.1	566.4	565.2	566.4	566.1	564.3	560.3	554.6	547.6	539.4
42.5°	626.1	630.3	632.6	634.2	632.6	630.3	626.1	618.9	608.7	595.7	582.3
40°	713.8	722.3	727.7	732.7	727.7	722.3	713.8	700.4	682.1	660.0	639.4
37.5°	839.5	855.0	861.9	857.6	861.9	855.0	839.5	816.4	785.3	746.5	716.6
35°	1038.5	1067.8	1083.1	1084.3	1083.1	1067.8	1038.5	994.7	937.7	876.0	827.4
32.5°	1385.2	1445.2	1477.4	1481.9	1477.4	1445.2	1385.2	1298.7	1181.7	1074.7	991.7
30°	2051.9	2174.1	2231.5	2217.9	2231.5	2174.1	2051.9	1862.5	1615.2	1431.5	1254.0
27.5°	3347.6	3652.6	3833.3	3847.7	3833.3	3652.6	3347.6	2923.7	2378.5	2072.3	1685.6
25°	5380.4	5901.0	6234.4	6239.8	6234.4	5901.0	5380.4	4679.7	3888.7	3200.4	2426.6
22.5°	7982.9	8693.6	9083.0	9151.0	9083.0	8693.6	7982.9	7026.1	5991.2	4859.1	3711.9
20°	10998.1	11943.5	12449.3	12450.0	12449.3	11943.5	10998.1	9728.7	8421.1	6869.5	5346.6
17.5°	14711.4	16246.6	17210.3	17625.1	17210.3	16246.6	14711.4	12864.2	11144.4	9164.5	7174.9
15°	19644.7	22224.5	23770.3	24048.9	23770.3	22224.5	19644.7	16963.2	14178.2	11608.7	9106.8
12.5°	25651.5	28916.3	31110.9	31915.2	31110.9	28916.3	25651.5	21885.6	17544.0	14132.3	11077.1
10°	31923.1	34948.1	37299.2	38089.2	37299.2	34948.1	31923.1	27146.3	21909.3	16782.4	12819.6
7.5°	36453.8	40061.0	42709.3	43872.3	42709.3	40061.0	36453.8	31708.5	25725.0	19620.0	14676.0
5°	40030.4	44298.5	46763.8	47858.0	46763.8	44298.5	40030.4	34957.9	28848.2	22011.7	16044.4
2.5°	42377.1	46594.4	49205.0	50213.9	49205.0	46594.4	42377.1	37022.2	30836.4	23477.6	16914.1
0°	43254.5	47378.2	49957.6	51189.8	49957.6	47378.2	43254.5	37537.2	31376.3	23825.5	17204.6
-2.5°	42377.1	46594.4	49205.0	50213.9	49205.0	46594.4	42377.1	37022.2	30836.4	23477.6	16914.1
-5°	40030.4	44298.5	46763.8	47858.0	46763.8	44298.5	40030.4	34957.9	28848.2	22011.7	16044.4
-7.5°	36453.8	40061.0	42709.3	43872.3	42709.3	40061.0	36453.8	31708.5	25725.0	19620.0	14676.0
-10°	31923.1	34948.1	37299.2	38089.2	37299.2	34948.1	31923.1	27146.3	21909.3	16782.4	12819.6
-12.5°	25651.5	28916.3	31110.9	31915.2	31110.9	28916.3	25651.5	21885.6	17544.0	14132.3	11077.1
-15°	19644.7	22224.5	23770.3	24048.9	23770.3	22224.5	19644.7	16963.2	14178.2	11608.7	9106.8
-17.5°	14711.4	16246.6	17210.3	17625.1	17210.3	16246.6	14711.4	12864.2	11144.4	9164.5	7174.9
-20°	10998.1	11943.5	12449.3	12450.0	12449.3	11943.5	10998.1	9728.7	8421.1	6869.5	5346.6



REPORT NUMBER: P627035 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: GFLD-SA2E-735-U-MR-XX

**CANDELA DISTRIBUTION (continued):**

	-7.5°	-5°	-2.5°	0°	2.5°	5°	7.5°	10°	12.5°	15°	17.5°
-22.5°	7982.9	8693.6	9083.0	9151.0	9083.0	8693.6	7982.9	7026.1	5991.2	4859.1	3711.9
-25°	5380.4	5901.0	6234.4	6239.8	6234.4	5901.0	5380.4	4679.7	3888.7	3200.4	2426.6
-27.5°	3347.6	3652.6	3833.3	3847.7	3833.3	3652.6	3347.6	2923.7	2378.5	2072.3	1685.6
-30°	2051.9	2174.1	2231.5	2217.9	2231.5	2174.1	2051.9	1862.5	1615.2	1431.5	1254.0
-32.5°	1385.2	1445.2	1477.4	1481.9	1477.4	1445.2	1385.2	1298.7	1181.7	1074.7	991.7
-35°	1038.5	1067.8	1083.1	1084.3	1083.1	1067.8	1038.5	994.7	937.7	876.0	827.4
-37.5°	839.5	855.0	861.9	857.6	861.9	855.0	839.5	816.4	785.3	746.5	716.6
-40°	713.8	722.3	727.7	732.7	727.7	722.3	713.8	700.4	682.1	660.0	639.4
-42.5°	626.1	630.3	632.6	634.2	632.6	630.3	626.1	618.9	608.7	595.7	582.3
-45°	564.3	566.1	566.4	565.2	566.4	566.1	564.3	560.3	554.6	547.6	539.4
-47.5°	516.9	517.6	517.3	515.9	517.3	517.6	516.9	514.8	511.9	507.7	502.1
-50°	477.8	476.2	474.7	473.2	474.7	476.2	477.8	478.3	477.5	475.1	471.3
-52.5°	448.5	446.8	445.2	443.6	445.2	446.8	448.5	449.1	448.4	446.1	442.8
-55°	421.3	420.2	419.0	417.3	419.0	420.2	421.3	421.5	420.6	419.3	417.1
-57.5°	397.3	396.9	397.3	397.6	397.3	396.9	397.3	397.0	396.1	395.0	393.0
-60°	372.9	373.3	374.2	374.6	374.2	373.3	372.9	371.6	369.5	367.1	364.5
-62.5°	336.7	337.0	339.4	341.7	339.4	337.0	336.7	335.4	333.3	331.4	329.4
-65°	297.8	297.9	300.1	302.3	300.1	297.9	297.8	296.8	294.9	293.1	291.0
-67.5°	261.1	261.7	264.1	266.2	264.1	261.7	261.1	259.9	258.2	256.6	255.0
-70°	226.3	225.9	228.0	230.0	228.0	225.9	226.3	226.3	225.7	224.6	223.0
-72.5°	193.7	193.2	193.7	193.9	193.7	193.2	193.7	193.7	193.1	192.0	190.5
-75°	160.2	160.3	160.8	161.0	160.8	160.3	160.2	159.7	158.8	157.7	156.7
-77.5°	127.6	127.5	127.9	128.1	127.9	127.5	127.6	127.3	126.7	125.8	124.4
-80°	95.1	94.9	95.2	95.3	95.2	94.9	95.1	95.1	94.8	94.1	92.6
-82.5°	64.9	65.4	65.6	65.7	65.6	65.4	64.9	64.3	63.6	62.7	62.4
-85°	35.7	35.9	36.1	36.1	36.1	35.9	35.7	35.4	35.0	34.5	34.7
-87.5°	13.0	13.1	13.1	13.1	13.1	13.1	13.0	12.9	12.8	12.7	12.5
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0





REPORT NUMBER: P627035 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA2E-735-U-MR-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°	12.3	12.1	11.9	11.6	11.3	11.0	10.7	10.4	10.0	9.7	9.3
85°	34.8	34.7	34.5	33.4	32.3	31.1	29.9	28.5	27.1	25.6	24.0
82.5°	62.0	61.4	60.6	58.3	56.0	53.7	51.4	49.3	47.2	44.9	42.5
80°	91.0	89.3	87.4	84.7	81.6	78.3	74.6	71.2	67.6	64.2	61.0
77.5°	122.6	120.4	117.6	114.0	110.2	106.1	101.6	97.1	92.6	87.8	82.9
75°	155.2	153.1	150.1	145.9	141.3	136.3	130.7	124.5	118.2	111.9	105.8
72.5°	188.6	186.2	182.8	177.9	172.3	166.4	160.1	152.9	145.1	136.6	128.9
70°	220.9	218.3	215.0	210.6	205.0	198.5	190.9	182.6	173.9	164.7	155.3
67.5°	252.6	249.4	246.0	242.0	237.1	231.0	222.9	213.3	203.2	192.8	181.9
65°	287.9	283.8	279.3	275.1	270.0	263.7	255.4	246.1	235.1	222.3	208.5
62.5°	326.5	322.7	316.2	309.4	302.7	295.4	286.0	275.9	265.7	253.9	237.5
60°	361.8	358.3	349.9	341.5	333.3	324.5	313.8	303.1	292.4	279.5	264.5
57.5°	390.0	384.5	376.7	368.7	360.6	349.9	338.6	327.9	316.1	303.7	289.7
55°	414.2	408.1	400.1	391.4	382.0	371.3	360.1	348.1	336.8	326.5	312.3
52.5°	438.8	431.3	422.6	413.2	402.8	391.3	379.3	366.7	355.8	345.1	333.1
50°	465.7	456.1	445.7	434.8	423.7	411.3	398.2	384.9	374.3	363.2	351.2
47.5°	494.5	483.2	470.8	458.4	445.6	432.1	417.9	403.6	392.0	380.6	368.1
45°	528.4	514.0	498.0	483.8	468.6	453.7	438.5	423.6	409.1	396.3	384.2
42.5°	567.7	550.5	532.4	513.0	493.4	476.3	459.2	443.1	427.0	411.5	397.7
40°	617.0	592.0	571.0	547.0	523.9	500.5	481.7	462.4	444.7	427.3	411.3
37.5°	682.2	647.4	617.0	585.8	558.1	530.4	506.3	484.4	462.4	443.6	425.7
35°	770.2	721.3	673.8	633.6	596.3	563.6	533.1	507.4	483.1	460.2	440.1
32.5°	894.6	823.1	746.8	692.5	641.3	598.8	562.9	531.0	503.2	477.9	455.0
30°	1089.8	963.6	855.4	763.6	697.4	639.7	593.3	555.8	523.2	495.1	469.6
27.5°	1408.0	1151.0	1001.1	863.7	761.6	689.5	629.2	580.3	542.6	511.8	483.9
25°	1924.1	1490.2	1187.0	997.0	849.0	742.6	668.0	609.7	563.5	526.9	494.1
22.5°	2680.0	2002.7	1481.1	1150.0	956.1	815.2	713.9	638.7	582.3	539.9	504.2
20°	3872.1	2663.6	1909.3	1397.7	1081.9	884.8	762.5	672.7	605.3	553.9	513.1
17.5°	5299.9	3685.7	2394.3	1664.4	1245.0	985.4	819.2	705.4	625.5	566.4	520.7
15°	6738.8	4754.9	3139.6	2051.0	1422.8	1073.2	867.9	733.6	645.4	580.2	530.1
12.5°	8327.8	5900.3	3800.8	2370.6	1606.1	1179.2	930.1	771.6	667.1	594.0	539.2
10°	9700.4	6970.3	4595.6	2882.8	1847.2	1290.2	987.2	804.1	685.2	605.2	546.3
7.5°	10936.2	7884.3	5262.1	3282.4	2034.1	1378.4	1032.9	830.1	698.7	613.4	551.4
5°	11813.3	8582.9	5798.3	3584.4	2167.9	1439.4	1064.7	848.5	707.7	618.5	554.3
2.5°	12360.4	9003.2	6148.0	3763.8	2233.4	1472.9	1084.7	858.9	715.2	624.2	555.9
0°	12410.5	8973.6	6197.1	3851.0	2191.6	1478.6	1094.2	860.9	719.6	627.6	555.3
-2.5°	12360.4	9003.2	6148.0	3763.8	2233.4	1472.9	1084.7	858.9	715.2	624.2	555.9
-5°	11813.3	8582.9	5798.3	3584.4	2167.9	1439.4	1064.7	848.5	707.7	618.5	554.3
-7.5°	10936.2	7884.3	5262.1	3282.4	2034.1	1378.4	1032.9	830.1	698.7	613.4	551.4
-10°	9700.4	6970.3	4595.6	2882.8	1847.2	1290.2	987.2	804.1	685.2	605.2	546.3
-12.5°	8327.8	5900.3	3800.8	2370.6	1606.1	1179.2	930.1	771.6	667.1	594.0	539.2
-15°	6738.8	4754.9	3139.6	2051.0	1422.8	1073.2	867.9	733.6	645.4	580.2	530.1
-17.5°	5299.9	3685.7	2394.3	1664.4	1245.0	985.4	819.2	705.4	625.5	566.4	520.7
-20°	3872.1	2663.6	1909.3	1397.7	1081.9	884.8	762.5	672.7	605.3	553.9	513.1

Classified

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

Scaled Data Report



REPORT NUMBER: P627035 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA2E-735-U-MR-XX

**CANDELA DISTRIBUTION (continued):**

	20°	22.5°	25°	27.5°	30°	32.5°	35°	37.5°	40°	42.5°	45°
-22.5°	2680.0	2002.7	1481.1	1150.0	956.1	815.2	713.9	638.7	582.3	539.9	504.2
-25°	1924.1	1490.2	1187.0	997.0	849.0	742.6	668.0	609.7	563.5	526.9	494.1
-27.5°	1408.0	1151.0	1001.1	863.7	761.6	689.5	629.2	580.3	542.6	511.8	483.9
-30°	1089.8	963.6	855.4	763.6	697.4	639.7	593.3	555.8	523.2	495.1	469.6
-32.5°	894.6	823.1	746.8	692.5	641.3	598.8	562.9	531.0	503.2	477.9	455.0
-35°	770.2	721.3	673.8	633.6	596.3	563.6	533.1	507.4	483.1	460.2	440.1
-37.5°	682.2	647.4	617.0	585.8	558.1	530.4	506.3	484.4	462.4	443.6	425.7
-40°	617.0	592.0	571.0	547.0	523.9	500.5	481.7	462.4	444.7	427.3	411.3
-42.5°	567.7	550.5	532.4	513.0	493.4	476.3	459.2	443.1	427.0	411.5	397.7
-45°	528.4	514.0	498.0	483.8	468.6	453.7	438.5	423.6	409.1	396.3	384.2
-47.5°	494.5	483.2	470.8	458.4	445.6	432.1	417.9	403.6	392.0	380.6	368.1
-50°	465.7	456.1	445.7	434.8	423.7	411.3	398.2	384.9	374.3	363.2	351.2
-52.5°	438.8	431.3	422.6	413.2	402.8	391.3	379.3	366.7	355.8	345.1	333.1
-55°	414.2	408.1	400.1	391.4	382.0	371.3	360.1	348.1	336.8	326.5	312.3
-57.5°	390.0	384.5	376.7	368.7	360.6	349.9	338.6	327.9	316.1	303.7	289.7
-60°	361.8	358.3	349.9	341.5	333.3	324.5	313.8	303.1	292.4	279.5	264.5
-62.5°	326.5	322.7	316.2	309.4	302.7	295.4	286.0	275.9	265.7	253.9	237.5
-65°	287.9	283.8	279.3	275.1	270.0	263.7	255.4	246.1	235.1	222.3	208.5
-67.5°	252.6	249.4	246.0	242.0	237.1	231.0	222.9	213.3	203.2	192.8	181.9
-70°	220.9	218.3	215.0	210.6	205.0	198.5	190.9	182.6	173.9	164.7	155.3
-72.5°	188.6	186.2	182.8	177.9	172.3	166.4	160.1	152.9	145.1	136.6	128.9
-75°	155.2	153.1	150.1	145.9	141.3	136.3	130.7	124.5	118.2	111.9	105.8
-77.5°	122.6	120.4	117.6	114.0	110.2	106.1	101.6	97.1	92.6	87.8	82.9
-80°	91.0	89.3	87.4	84.7	81.6	78.3	74.6	71.2	67.6	64.2	61.0
-82.5°	62.0	61.4	60.6	58.3	56.0	53.7	51.4	49.3	47.2	44.9	42.5
-85°	34.8	34.7	34.5	33.4	32.3	31.1	29.9	28.5	27.1	25.6	24.0
-87.5°	12.3	12.1	11.9	11.6	11.3	11.0	10.7	10.4	10.0	9.7	9.3
-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: P627035 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: GFLD-SA2E-735-U-MR-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°	8.8	8.4	8.0	7.5	7.0	6.5	6.0	5.5	5.0	4.5	3.9
85°	22.3	20.6	18.8	16.9	15.0	13.1	12.1	11.1	10.0	9.0	7.9
82.5°	40.0	37.4	34.7	32.0	29.1	26.2	23.2	20.0	16.8	13.7	11.8
80°	57.7	54.2	50.6	47.0	43.3	39.2	35.2	31.0	26.4	22.0	17.8
77.5°	77.7	72.2	66.6	62.0	57.7	53.1	47.9	42.2	35.9	30.2	24.8
75°	99.6	93.0	86.3	79.7	73.3	66.9	61.1	54.3	46.4	38.5	31.7
72.5°	122.1	114.6	106.4	98.1	90.6	82.8	74.9	66.3	57.3	48.2	38.9
70°	145.9	136.6	127.5	118.1	108.5	98.7	89.5	79.2	68.0	57.7	47.3
67.5°	170.6	159.6	148.7	138.0	127.0	115.8	104.2	92.2	79.8	67.2	55.5
65°	196.0	182.9	169.6	157.7	145.4	132.8	119.9	105.3	91.3	77.4	63.7
62.5°	221.7	206.6	191.9	177.4	163.5	149.6	135.1	118.7	102.8	87.5	72.2
60°	247.7	230.3	213.7	197.6	181.6	166.1	149.8	131.8	114.3	97.4	80.9
57.5°	272.5	253.4	234.5	216.9	199.6	182.3	164.1	144.7	125.5	107.2	89.3
55°	296.7	277.1	255.0	234.9	216.5	198.2	178.0	157.4	136.5	116.6	97.5
52.5°	318.0	298.5	275.5	252.6	232.0	212.8	191.2	169.7	147.6	125.7	105.5
50°	337.3	317.6	294.5	270.3	246.9	225.6	203.8	181.1	158.3	134.7	113.2
47.5°	354.0	335.1	312.3	286.9	261.9	237.9	215.2	191.9	168.6	143.9	120.6
45°	369.1	351.9	329.3	303.3	275.9	250.4	226.0	202.1	177.8	152.8	127.7
42.5°	383.1	366.5	345.9	319.3	290.1	262.3	236.4	211.5	186.3	161.2	134.8
40°	395.8	379.1	361.3	334.3	303.5	273.5	246.5	220.4	194.4	168.9	141.7
37.5°	408.4	391.2	372.7	348.2	316.1	285.0	256.0	228.7	202.1	175.7	148.2
35°	421.4	402.9	382.6	359.2	328.2	295.5	264.7	236.6	209.4	182.2	154.2
32.5°	433.8	413.4	391.8	368.5	339.4	305.1	273.1	244.3	216.3	188.2	159.8
30°	446.0	422.1	399.9	377.9	349.2	314.5	281.4	251.4	222.6	193.8	164.9
27.5°	455.3	429.6	407.1	385.4	357.4	323.2	289.5	258.0	228.5	199.0	169.3
25°	463.7	436.8	413.3	391.3	365.5	332.1	296.8	264.0	233.8	203.7	173.4
22.5°	472.0	443.2	418.4	396.3	373.2	340.2	303.8	269.9	238.6	207.9	177.1
20°	479.2	448.2	422.6	400.9	378.3	346.5	310.4	275.3	242.9	211.6	180.4
17.5°	485.3	453.4	427.1	404.7	381.8	351.9	316.1	279.9	246.6	214.9	183.2
15°	491.6	458.7	430.9	407.6	384.9	356.2	321.0	283.8	249.7	217.6	185.8
12.5°	497.0	462.7	433.8	409.7	387.4	359.6	325.0	287.1	252.3	220.2	188.3
10°	501.2	465.3	435.9	411.0	389.4	362.1	328.2	290.1	255.4	222.5	190.3
7.5°	504.2	466.6	437.1	411.5	390.9	364.3	331.2	293.4	258.1	224.4	191.9
5°	506.1	467.2	437.8	412.7	391.7	366.3	333.5	296.0	260.3	225.7	193.0
2.5°	508.5	467.4	437.9	413.7	391.7	367.6	334.8	297.9	261.9	226.4	193.7
0°	509.3	466.6	437.0	414.0	391.0	368.0	335.2	299.0	262.9	226.7	193.9
-2.5°	508.5	467.4	437.9	413.7	391.7	367.6	334.8	297.9	261.9	226.4	193.7
-5°	506.1	467.2	437.8	412.7	391.7	366.3	333.5	296.0	260.3	225.7	193.0
-7.5°	504.2	466.6	437.1	411.5	390.9	364.3	331.2	293.4	258.1	224.4	191.9
-10°	501.2	465.3	435.9	411.0	389.4	362.1	328.2	290.1	255.4	222.5	190.3
-12.5°	497.0	462.7	433.8	409.7	387.4	359.6	325.0	287.1	252.3	220.2	188.3
-15°	491.6	458.7	430.9	407.6	384.9	356.2	321.0	283.8	249.7	217.6	185.8
-17.5°	485.3	453.4	427.1	404.7	381.8	351.9	316.1	279.9	246.6	214.9	183.2
-20°	479.2	448.2	422.6	400.9	378.3	346.5	310.4	275.3	242.9	211.6	180.4

Classified

Cooper Lighting Solutions Photometric Lab  
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Scaled Data Report



REPORT NUMBER: P627035 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA2E-735-U-MR-XX

**CANDELA DISTRIBUTION (continued):**

	47.5°	50°	52.5°	55°	57.5°	60°	62.5°	65°	67.5°	70°	72.5°
-22.5°	472.0	443.2	418.4	396.3	373.2	340.2	303.8	269.9	238.6	207.9	177.1
-25°	463.7	436.8	413.3	391.3	365.5	332.1	296.8	264.0	233.8	203.7	173.4
-27.5°	455.3	429.6	407.1	385.4	357.4	323.2	289.5	258.0	228.5	199.0	169.3
-30°	446.0	422.1	399.9	377.9	349.2	314.5	281.4	251.4	222.6	193.8	164.9
-32.5°	433.8	413.4	391.8	368.5	339.4	305.1	273.1	244.3	216.3	188.2	159.8
-35°	421.4	402.9	382.6	359.2	328.2	295.5	264.7	236.6	209.4	182.2	154.2
-37.5°	408.4	391.2	372.7	348.2	316.1	285.0	256.0	228.7	202.1	175.7	148.2
-40°	395.8	379.1	361.3	334.3	303.5	273.5	246.5	220.4	194.4	168.9	141.7
-42.5°	383.1	366.5	345.9	319.3	290.1	262.3	236.4	211.5	186.3	161.2	134.8
-45°	369.1	351.9	329.3	303.3	275.9	250.4	226.0	202.1	177.8	152.8	127.7
-47.5°	354.0	335.1	312.3	286.9	261.9	237.9	215.2	191.9	168.6	143.9	120.6
-50°	337.3	317.6	294.5	270.3	246.9	225.6	203.8	181.1	158.3	134.7	113.2
-52.5°	318.0	298.5	275.5	252.6	232.0	212.8	191.2	169.7	147.6	125.7	105.5
-55°	296.7	277.1	255.0	234.9	216.5	198.2	178.0	157.4	136.5	116.6	97.5
-57.5°	272.5	253.4	234.5	216.9	199.6	182.3	164.1	144.7	125.5	107.2	89.3
-60°	247.7	230.3	213.7	197.6	181.6	166.1	149.8	131.8	114.3	97.4	80.9
-62.5°	221.7	206.6	191.9	177.4	163.5	149.6	135.1	118.7	102.8	87.5	72.2
-65°	196.0	182.9	169.6	157.7	145.4	132.8	119.9	105.3	91.3	77.4	63.7
-67.5°	170.6	159.6	148.7	138.0	127.0	115.8	104.2	92.2	79.8	67.2	55.5
-70°	145.9	136.6	127.5	118.1	108.5	98.7	89.5	79.2	68.0	57.7	47.3
-72.5°	122.1	114.6	106.4	98.1	90.6	82.8	74.9	66.3	57.3	48.2	38.9
-75°	99.6	93.0	86.3	79.7	73.3	66.9	61.1	54.3	46.4	38.5	31.7
-77.5°	77.7	72.2	66.6	62.0	57.7	53.1	47.9	42.2	35.9	30.2	24.8
-80°	57.7	54.2	50.6	47.0	43.3	39.2	35.2	31.0	26.4	22.0	17.8
-82.5°	40.0	37.4	34.7	32.0	29.1	26.2	23.2	20.0	16.8	13.7	11.8
-85°	22.3	20.6	18.8	16.9	15.0	13.1	12.1	11.1	10.0	9.0	7.9
-87.5°	8.8	8.4	8.0	7.5	7.0	6.5	6.0	5.5	5.0	4.5	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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CATALOG NUMBER: GFLD-SA2E-735-U-MR-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°	3.4	2.8	2.3	1.7	1.1	0.6	0.0
85°	6.8	5.7	4.5	3.4	2.3	1.1	0.0
82.5°	10.1	8.5	6.8	5.1	3.4	1.7	0.0
80°	13.8	11.3	9.1	6.8	4.5	2.3	0.0
77.5°	19.6	14.8	11.3	8.5	5.7	2.8	0.0
75°	25.4	19.6	13.8	10.1	6.8	3.4	0.0
72.5°	31.2	24.4	17.6	11.8	7.9	3.9	0.0
70°	37.0	29.2	21.4	13.6	9.0	4.5	0.0
67.5°	44.2	33.8	25.2	16.4	10.0	5.0	0.0
65°	51.3	39.0	28.8	19.2	11.1	5.5	0.0
62.5°	58.2	44.8	32.4	21.9	12.1	6.0	0.0
60°	64.9	50.5	35.9	24.5	13.1	6.5	0.0
57.5°	72.0	56.0	40.3	27.1	14.8	7.0	0.0
55°	79.0	61.3	44.6	29.6	16.5	7.5	0.0
52.5°	85.7	66.6	48.7	32.0	18.1	8.0	0.0
50°	92.1	71.9	52.8	34.4	19.6	8.4	0.0
47.5°	98.3	77.0	56.7	36.8	21.2	8.8	0.0
45°	104.3	81.8	60.4	39.6	22.6	9.3	0.0
42.5°	110.2	86.4	64.0	42.3	24.0	9.7	0.0
40°	115.7	90.7	67.4	44.8	25.3	10.0	0.0
37.5°	121.0	94.8	70.7	47.2	26.6	10.4	0.0
35°	125.9	98.8	73.8	49.4	27.8	10.7	0.0
32.5°	130.6	102.7	76.7	51.4	28.9	11.0	0.0
30°	135.1	106.3	79.3	53.3	29.9	11.3	0.0
27.5°	139.1	109.6	81.7	55.0	30.9	11.6	0.0
25°	142.8	112.6	83.9	56.5	31.8	11.9	0.0
22.5°	146.1	115.4	86.0	57.8	32.6	12.1	0.0
20°	149.0	117.8	87.8	59.0	33.3	12.3	0.0
17.5°	151.6	119.8	89.5	60.0	34.0	12.5	0.0
15°	154.0	121.5	91.0	60.9	34.5	12.7	0.0
12.5°	156.1	122.9	92.3	61.5	35.0	12.8	0.0
10°	157.8	123.9	93.4	62.0	35.4	12.9	0.0
7.5°	159.2	124.6	94.2	62.4	35.7	13.0	0.0
5°	160.2	125.0	94.8	62.5	35.9	13.1	0.0
2.5°	160.8	125.1	95.2	62.5	36.1	13.1	0.0
0°	161.0	124.9	95.3	62.4	36.1	13.1	0.0
-2.5°	160.8	125.1	95.2	62.5	36.1	13.1	0.0
-5°	160.2	125.0	94.8	62.5	35.9	13.1	0.0
-7.5°	159.2	124.6	94.2	62.4	35.7	13.0	0.0
-10°	157.8	123.9	93.4	62.0	35.4	12.9	0.0
-12.5°	156.1	122.9	92.3	61.5	35.0	12.8	0.0
-15°	154.0	121.5	91.0	60.9	34.5	12.7	0.0
-17.5°	151.6	119.8	89.5	60.0	34.0	12.5	0.0
-20°	149.0	117.8	87.8	59.0	33.3	12.3	0.0

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CATALOG NUMBER: GFLD-SA2E-735-U-MR-XX

**CANDELA DISTRIBUTION (continued):**

	75°	77.5°	80°	82.5°	85°	87.5°	90°
-22.5°	146.1	115.4	86.0	57.8	32.6	12.1	0.0
-25°	142.8	112.6	83.9	56.5	31.8	11.9	0.0
-27.5°	139.1	109.6	81.7	55.0	30.9	11.6	0.0
-30°	135.1	106.3	79.3	53.3	29.9	11.3	0.0
-32.5°	130.6	102.7	76.7	51.4	28.9	11.0	0.0
-35°	125.9	98.8	73.8	49.4	27.8	10.7	0.0
-37.5°	121.0	94.8	70.7	47.2	26.6	10.4	0.0
-40°	115.7	90.7	67.4	44.8	25.3	10.0	0.0
-42.5°	110.2	86.4	64.0	42.3	24.0	9.7	0.0
-45°	104.3	81.8	60.4	39.6	22.6	9.3	0.0
-47.5°	98.3	77.0	56.7	36.8	21.2	8.8	0.0
-50°	92.1	71.9	52.8	34.4	19.6	8.4	0.0
-52.5°	85.7	66.6	48.7	32.0	18.1	8.0	0.0
-55°	79.0	61.3	44.6	29.6	16.5	7.5	0.0
-57.5°	72.0	56.0	40.3	27.1	14.8	7.0	0.0
-60°	64.9	50.5	35.9	24.5	13.1	6.5	0.0
-62.5°	58.2	44.8	32.4	21.9	12.1	6.0	0.0
-65°	51.3	39.0	28.8	19.2	11.1	5.5	0.0
-67.5°	44.2	33.8	25.2	16.4	10.0	5.0	0.0
-70°	37.0	29.2	21.4	13.6	9.0	4.5	0.0
-72.5°	31.2	24.4	17.6	11.8	7.9	3.9	0.0
-75°	25.4	19.6	13.8	10.1	6.8	3.4	0.0
-77.5°	19.6	14.8	11.3	8.5	5.7	2.8	0.0
-80°	13.8	11.3	9.1	6.8	4.5	2.3	0.0
-82.5°	10.1	8.5	6.8	5.1	3.4	1.7	0.0
-85°	6.8	5.7	4.5	3.4	2.3	1.1	0.0
-87.5°	3.4	2.8	2.3	1.7	1.1	0.6	0.0
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0

(END OF REPORT)