

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: P627005 (CONVERTED FROM TYPE C PHOTOMETRY)

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

Issue Date: 12/7/2022

**Test Information**

Test Method: LM-79-08  
Report Number: P627005 (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-722-U-MR-XX  
Description: GALLEON FLOOD, TWO LIGHT SQAURE, MEDIUM SYMMETRICAL ROUND N37  
Light Source: (32) 2200K CCT, 70 CRI LEDS  
Ballast/Driver: -

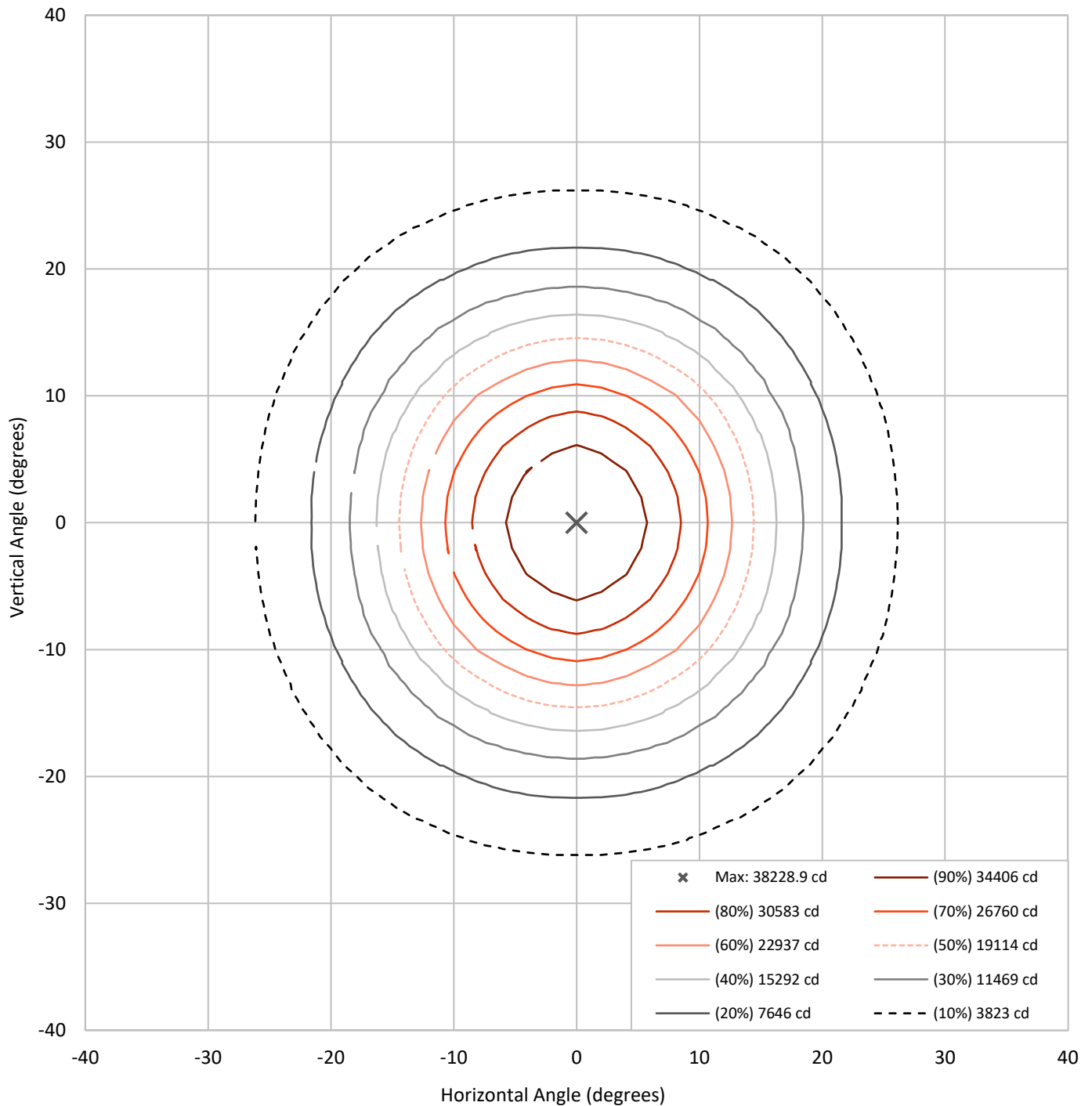
**Summary**

Lumens per Lamp:	N/A	NEMA Type:	4H x 4V
Luminaire Lumens:	11944 lumens	Max Intensity:	38228.9 candela
Efficiency:	N/A	Max Intensity Angle:	0°H x 0°V
Efficacy:	95.0 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:	5807 lumens	Field Lumens:	9799.9 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





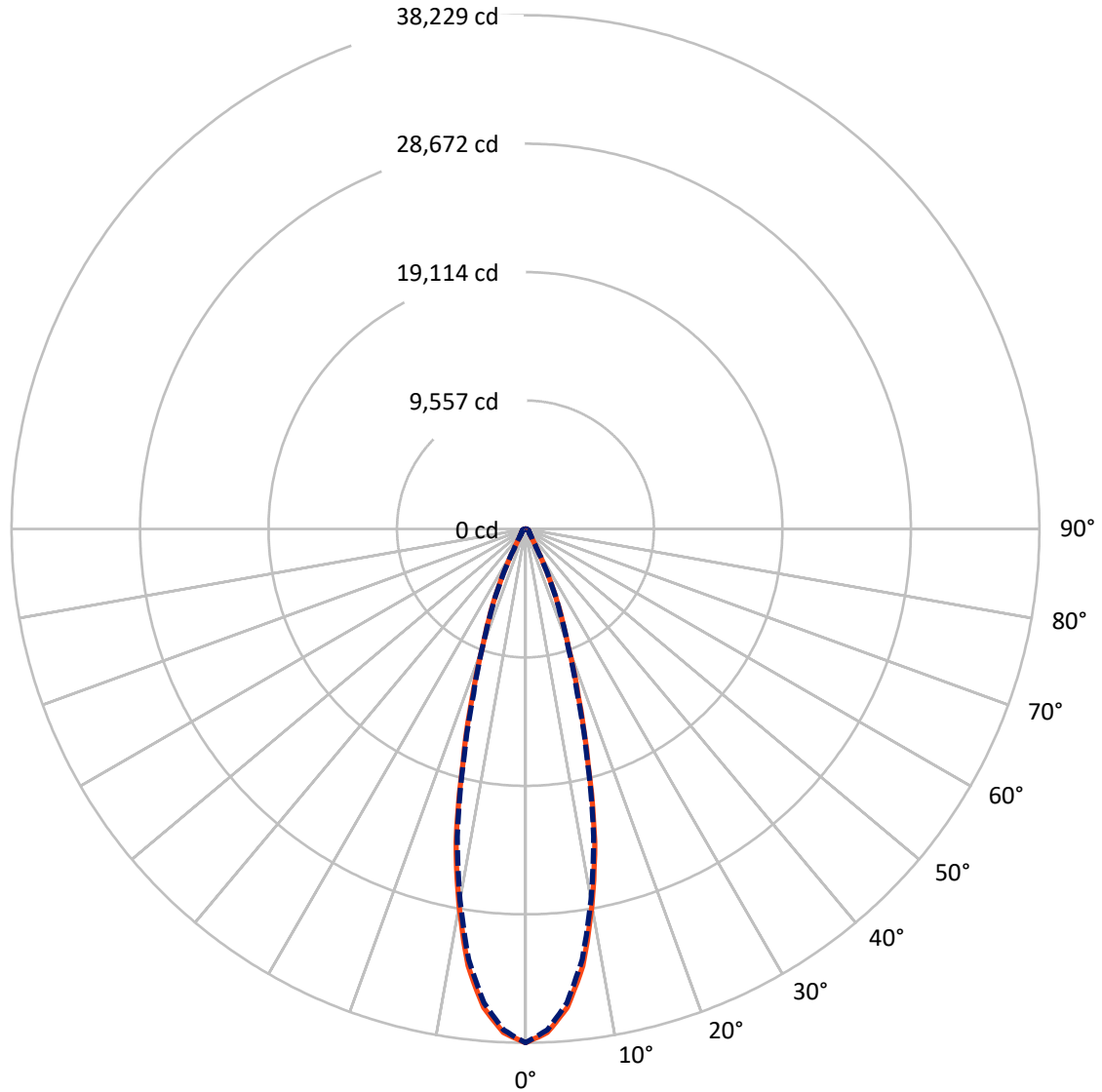
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### Lumen Table

90	0.2	2.0		5.2		8.2		9.1		8.2		5.2		2.0		0.2			
80	0.2	2.0		5.2		8.2		9.1		8.2		5.2		2.0		0.2			
70	0.9	1.0	2.1	3.4	4.7	5.8	6.5	6.8	6.8	6.5	5.8	4.7	3.4	2.1	1.0	0.9			
60		1.5	3.1	5.0	6.7	8.2	9.2	9.6	9.6	9.2	8.2	6.7	5.0	3.1	1.5				
50	1.6	2.0	4.0	6.1	8.2	10.3	12.2	13.1	13.1	12.2	10.3	8.2	6.1	4.0	2.0	1.6			
40		2.3	4.6	7.1	10.0	14.3	20.7	26.9	26.9	20.7	14.3	10.0	7.1	4.6	2.3				
30	2.0	2.6	5.1	8.0	12.8	27.9	78.6	139.4	139.4	78.6	27.9	12.8	8.0	5.1	2.6	2.0			
20		2.8	5.3	8.7	17.5	73.3	261.3	500.7	500.7	261.3	73.3	17.5	8.7	5.3	2.8				
10	2.2	2.9	5.4	9.1	22.2	126.5	483.6	951.2	951.2	483.6	126.5	22.2	9.1	5.4	2.9	2.2			
0		2.9	5.4	9.1	22.2	126.5	483.6	951.2	951.2	483.6	126.5	22.2	9.1	5.4	2.9				
-10	2.0	2.8	5.3	8.7	17.5	73.3	261.3	500.7	500.7	261.3	73.3	17.5	8.7	5.3	2.8	2.0			
-20		2.6	5.1	8.0	12.8	27.9	78.6	139.4	139.4	78.6	27.9	12.8	8.0	5.1	2.6				
-30	1.6	2.3	4.6	7.1	10.0	14.3	20.7	26.9	26.9	20.7	14.3	10.0	7.1	4.6	2.3	1.6			
-40		2.0	4.0	6.1	8.2	10.3	12.2	13.1	13.1	12.2	10.3	8.2	6.1	4.0	2.0				
-50	0.9	1.5	3.1	5.0	6.7	8.2	9.2	9.6	9.6	9.2	8.2	6.7	5.0	3.1	1.5	0.9			
-60		1.0	2.1	3.4	4.7	5.8	6.5	6.8	6.8	6.5	5.8	4.7	3.4	2.1	1.0				
-70	0.2	2.0		5.2		8.2		9.1		8.2		5.2		2.0		0.2			
-80		2.0		5.2		8.2		9.1		8.2		5.2		2.0					
-90	0.2	2.0		5.2		8.2		9.1		8.2		5.2		2.0		0.2			
	-90	-80	-70	-60	-50	-40	-30	-20	-10	0	10	20	30	40	50	60	70	80	90

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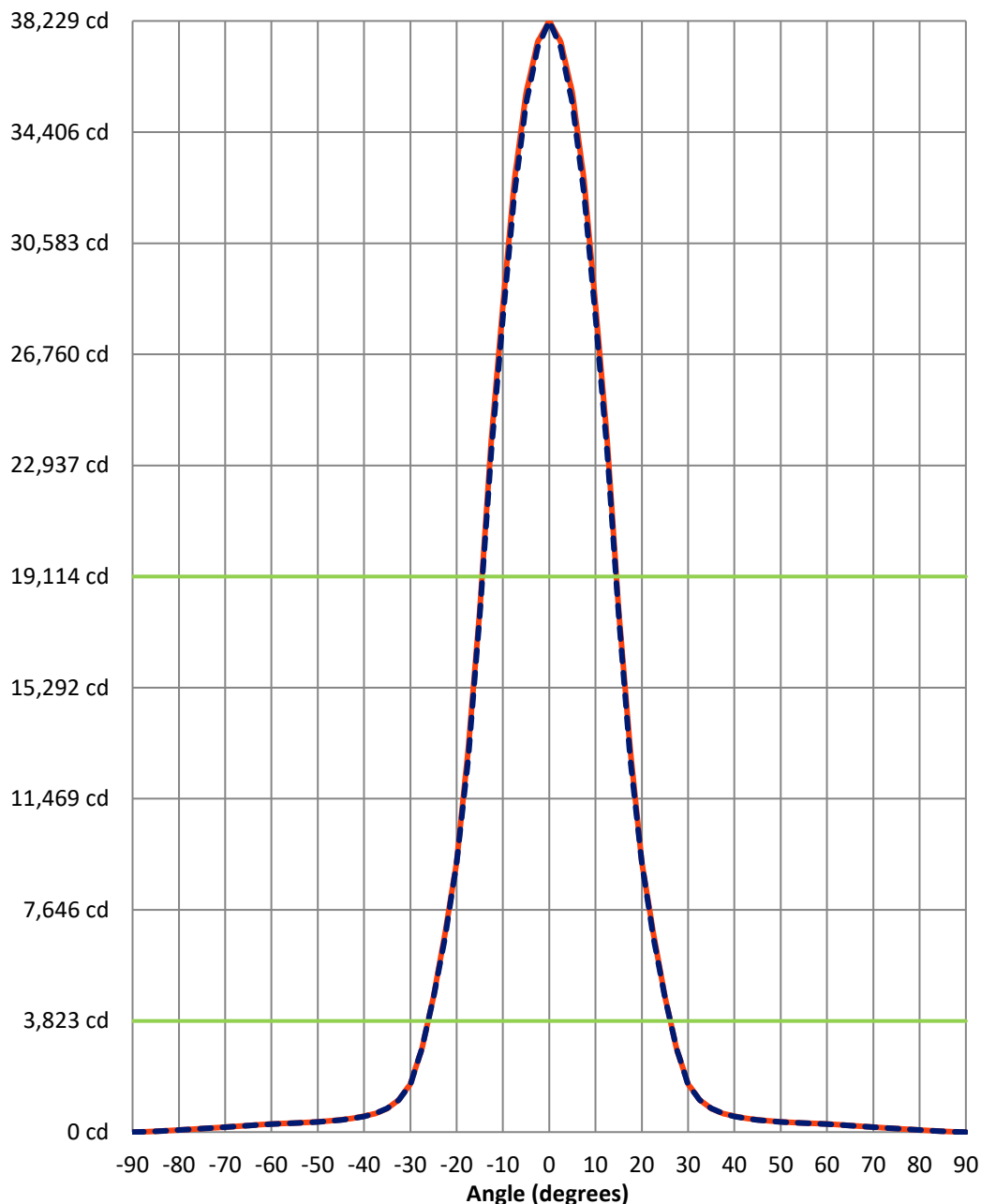
### Luminous Intensity Polar Plot



— 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: 5807  
 Efficiency: 48.6%

**Field:**  
 H Angle: 52.3°  
 V Angle: 52.3°  
 Lumens: 9799.9  
 Efficiency: 82.0%

**Spill:**  
 Lumens: 2144.1  
 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	0.4	0.9	1.3	1.7	2.1	2.5	2.9	3.4	3.7	4.1
85°	0.0	0.9	1.7	2.6	3.4	4.2	5.1	5.9	6.7	7.5	8.3
82.5°	0.0	1.3	2.6	3.8	5.1	6.3	7.6	8.8	10.2	12.6	15.0
80°	0.0	1.7	3.4	5.1	6.8	8.4	10.3	13.3	16.4	19.7	23.1
77.5°	0.0	2.1	4.2	6.3	8.4	11.1	14.7	18.5	22.6	26.8	31.5
75°	0.0	2.5	5.1	7.6	10.3	14.7	19.0	23.7	28.7	34.7	40.5
72.5°	0.0	2.9	5.9	8.8	13.2	18.3	23.3	29.1	36.0	42.8	49.5
70°	0.0	3.4	6.7	10.2	16.0	21.8	27.7	35.3	43.1	50.8	59.2
67.5°	0.0	3.7	7.5	12.3	18.8	25.3	33.0	41.5	50.2	59.6	68.9
65°	0.0	4.1	8.3	14.4	21.6	29.2	38.3	47.6	57.8	68.2	78.6
62.5°	0.0	4.5	9.0	16.4	24.2	33.5	43.5	54.0	65.4	76.7	88.7
60°	0.0	4.9	9.8	18.3	26.9	37.7	48.5	60.4	72.7	85.4	98.5
57.5°	0.0	5.3	11.1	20.3	30.1	41.8	53.8	66.7	80.0	93.8	108.1
55°	0.0	5.6	12.3	22.1	33.3	45.8	59.0	72.8	87.1	102.0	117.6
52.5°	0.0	6.0	13.5	24.0	36.4	49.8	64.0	78.8	93.9	110.2	126.8
50°	0.0	6.3	14.7	25.7	39.5	53.7	68.8	84.5	100.6	118.2	135.3
47.5°	0.0	6.6	15.8	27.5	42.4	57.5	73.4	90.1	107.5	125.9	143.3
45°	0.0	6.9	16.9	29.6	45.1	61.1	77.9	95.4	114.1	132.7	150.9
42.5°	0.0	7.2	17.9	31.6	47.8	64.5	82.3	100.7	120.3	139.2	157.9
40°	0.0	7.5	18.9	33.5	50.4	67.8	86.4	105.8	126.1	145.2	164.6
37.5°	0.0	7.8	19.9	35.3	52.8	70.8	90.4	110.7	131.2	151.0	170.8
35°	0.0	8.0	20.8	36.9	55.1	73.8	94.1	115.1	136.0	156.4	176.7
32.5°	0.0	8.3	21.6	38.4	57.3	76.7	97.6	119.3	140.5	161.5	182.4
30°	0.0	8.5	22.4	39.8	59.3	79.4	100.9	123.1	144.7	166.3	187.7
27.5°	0.0	8.7	23.1	41.1	61.0	81.9	103.9	126.4	148.6	170.6	192.6
25°	0.0	8.9	23.8	42.2	62.7	84.1	106.7	129.5	152.1	174.6	197.1
22.5°	0.0	9.1	24.4	43.2	64.2	86.2	109.1	132.2	155.3	178.2	201.6
20°	0.0	9.2	24.9	44.1	65.6	88.0	111.2	134.7	158.0	181.4	205.6
17.5°	0.0	9.3	25.4	44.8	66.9	89.5	113.2	136.8	160.5	184.2	209.0
15°	0.0	9.5	25.8	45.5	68.0	90.8	115.0	138.8	162.5	186.5	212.0
12.5°	0.0	9.6	26.2	46.0	68.9	91.8	116.5	140.6	164.5	188.4	214.4
10°	0.0	9.7	26.5	46.3	69.7	92.5	117.8	142.1	166.2	190.7	216.6
7.5°	0.0	9.7	26.7	46.6	70.4	93.0	118.8	143.3	167.6	192.7	219.1
5°	0.0	9.8	26.9	46.7	70.8	93.3	119.6	144.1	168.5	194.4	221.0
2.5°	0.0	9.8	27.0	46.7	71.1	93.4	120.0	144.6	169.1	195.6	222.4
0°	0.0	9.8	27.0	46.6	71.2	93.2	120.2	144.8	169.3	196.3	223.3
-2.5°	0.0	9.8	27.0	46.7	71.1	93.4	120.0	144.6	169.1	195.6	222.4
-5°	0.0	9.8	26.9	46.7	70.8	93.3	119.6	144.1	168.5	194.4	221.0
-7.5°	0.0	9.7	26.7	46.6	70.4	93.0	118.8	143.3	167.6	192.7	219.1
-10°	0.0	9.7	26.5	46.3	69.7	92.5	117.8	142.1	166.2	190.7	216.6
-12.5°	0.0	9.6	26.2	46.0	68.9	91.8	116.5	140.6	164.5	188.4	214.4
-15°	0.0	9.5	25.8	45.5	68.0	90.8	115.0	138.8	162.5	186.5	212.0
-17.5°	0.0	9.3	25.4	44.8	66.9	89.5	113.2	136.8	160.5	184.2	209.0
-20°	0.0	9.2	24.9	44.1	65.6	88.0	111.2	134.7	158.0	181.4	205.6

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CATALOG NUMBER: GFLD-SA2E-722-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	9.1	24.4	43.2	64.2	86.2	109.1	132.2	155.3	178.2	201.6
-25°	0.0	8.9	23.8	42.2	62.7	84.1	106.7	129.5	152.1	174.6	197.1
-27.5°	0.0	8.7	23.1	41.1	61.0	81.9	103.9	126.4	148.6	170.6	192.6
-30°	0.0	8.5	22.4	39.8	59.3	79.4	100.9	123.1	144.7	166.3	187.7
-32.5°	0.0	8.3	21.6	38.4	57.3	76.7	97.6	119.3	140.5	161.5	182.4
-35°	0.0	8.0	20.8	36.9	55.1	73.8	94.1	115.1	136.0	156.4	176.7
-37.5°	0.0	7.8	19.9	35.3	52.8	70.8	90.4	110.7	131.2	151.0	170.8
-40°	0.0	7.5	18.9	33.5	50.4	67.8	86.4	105.8	126.1	145.2	164.6
-42.5°	0.0	7.2	17.9	31.6	47.8	64.5	82.3	100.7	120.3	139.2	157.9
-45°	0.0	6.9	16.9	29.6	45.1	61.1	77.9	95.4	114.1	132.7	150.9
-47.5°	0.0	6.6	15.8	27.5	42.4	57.5	73.4	90.1	107.5	125.9	143.3
-50°	0.0	6.3	14.7	25.7	39.5	53.7	68.8	84.5	100.6	118.2	135.3
-52.5°	0.0	6.0	13.5	24.0	36.4	49.8	64.0	78.8	93.9	110.2	126.8
-55°	0.0	5.6	12.3	22.1	33.3	45.8	59.0	72.8	87.1	102.0	117.6
-57.5°	0.0	5.3	11.1	20.3	30.1	41.8	53.8	66.7	80.0	93.8	108.1
-60°	0.0	4.9	9.8	18.3	26.9	37.7	48.5	60.4	72.7	85.4	98.5
-62.5°	0.0	4.5	9.0	16.4	24.2	33.5	43.5	54.0	65.4	76.7	88.7
-65°	0.0	4.1	8.3	14.4	21.6	29.2	38.3	47.6	57.8	68.2	78.6
-67.5°	0.0	3.7	7.5	12.3	18.8	25.3	33.0	41.5	50.2	59.6	68.9
-70°	0.0	3.4	6.7	10.2	16.0	21.8	27.7	35.3	43.1	50.8	59.2
-72.5°	0.0	2.9	5.9	8.8	13.2	18.3	23.3	29.1	36.0	42.8	49.5
-75°	0.0	2.5	5.1	7.6	10.3	14.7	19.0	23.7	28.7	34.7	40.5
-77.5°	0.0	2.1	4.2	6.3	8.4	11.1	14.7	18.5	22.6	26.8	31.5
-80°	0.0	1.7	3.4	5.1	6.8	8.4	10.3	13.3	16.4	19.7	23.1
-82.5°	0.0	1.3	2.6	3.8	5.1	6.3	7.6	8.8	10.2	12.6	15.0
-85°	0.0	0.9	1.7	2.6	3.4	4.2	5.1	5.9	6.7	7.5	8.3
-87.5°	0.0	0.4	0.9	1.3	1.7	2.1	2.5	2.9	3.4	3.7	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





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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°	4.5	4.9	5.3	5.6	6.0	6.3	6.6	6.9	7.2	7.5	7.8
85°	9.0	9.8	11.2	12.7	14.0	15.4	16.7	17.9	19.1	20.2	21.3
82.5°	17.3	19.5	21.7	23.9	25.9	27.9	29.9	31.7	33.5	35.2	36.8
80°	26.3	29.3	32.3	35.1	37.8	40.5	43.1	45.6	48.0	50.5	53.2
77.5°	35.8	39.6	43.1	46.3	49.8	54.0	58.0	61.9	65.6	69.1	72.5
75°	45.6	50.0	54.8	59.5	64.4	69.5	74.3	79.0	83.6	88.3	93.0
72.5°	55.9	61.9	67.6	73.2	79.5	85.6	91.2	96.3	102.1	108.4	114.2
70°	66.8	73.7	81.0	88.2	95.2	102.0	109.0	116.0	123.0	129.8	136.4
67.5°	77.8	86.5	94.9	103.1	111.0	119.2	127.4	135.8	143.9	151.7	159.2
65°	89.6	99.2	108.6	117.8	126.7	136.6	146.3	155.7	166.0	175.5	183.8
62.5°	101.0	111.7	122.1	132.5	143.3	154.2	165.5	177.4	189.6	198.5	206.1
60°	111.9	124.1	135.6	147.5	159.5	172.0	185.0	197.6	208.7	218.4	226.4
57.5°	122.6	136.2	149.0	161.9	175.1	189.2	203.5	216.4	226.8	236.1	244.8
55°	132.9	148.0	161.7	175.4	190.4	207.0	221.6	233.2	243.8	251.5	260.0
52.5°	142.8	158.9	173.2	188.6	205.8	222.9	237.5	248.8	257.7	265.7	273.9
50°	152.2	168.4	184.3	201.9	220.0	237.2	251.9	262.3	271.3	279.5	287.4
47.5°	160.7	177.6	195.6	214.3	233.2	250.2	264.4	274.9	284.2	292.7	301.4
45°	168.8	187.0	206.0	226.5	245.9	262.8	275.6	287.0	295.9	305.5	316.4
42.5°	176.5	195.9	216.6	238.4	258.3	273.7	286.1	297.0	307.4	318.9	330.9
40°	184.1	204.3	226.7	249.6	269.8	283.2	295.6	307.2	319.1	332.1	345.4
37.5°	191.1	212.8	236.1	260.1	278.3	292.2	305.0	317.9	331.3	345.4	361.8
35°	197.6	220.7	245.1	268.3	285.8	300.9	314.7	328.7	343.7	360.8	378.9
32.5°	204.0	227.9	253.5	275.2	292.6	308.7	324.0	339.8	357.0	375.8	396.5
30°	210.2	234.9	260.8	282.2	298.7	315.2	333.1	350.7	369.7	390.7	415.0
27.5°	216.2	241.4	266.9	287.8	304.0	320.8	340.1	361.4	382.2	405.2	433.3
25°	221.7	248.1	273.0	292.2	308.6	326.2	346.3	369.0	393.5	420.8	455.3
22.5°	226.9	254.1	278.7	296.0	312.4	330.9	352.5	376.5	403.2	434.8	477.0
20°	231.8	258.8	282.5	299.4	315.6	334.7	357.9	383.2	413.6	452.0	502.4
17.5°	236.0	262.8	285.2	302.2	318.9	338.6	362.4	388.8	423.0	467.1	526.8
15°	239.7	266.0	287.4	304.4	321.7	342.6	367.1	395.9	433.3	482.0	547.8
12.5°	242.7	268.6	289.4	306.0	323.9	345.5	371.2	402.7	443.6	498.1	576.2
10°	245.0	270.4	290.9	306.9	325.5	347.5	374.3	408.0	452.0	511.6	600.6
7.5°	247.3	272.0	291.9	307.3	326.4	348.5	376.5	411.8	458.1	521.8	619.9
5°	249.0	273.6	292.5	308.3	327.0	348.9	378.0	414.0	461.9	528.5	633.6
2.5°	250.0	274.5	292.5	309.0	327.0	349.1	379.8	415.2	466.1	534.1	641.4
0°	250.3	274.8	292.0	309.2	326.4	348.5	380.4	414.7	468.7	537.4	642.9
-2.5°	250.0	274.5	292.5	309.0	327.0	349.1	379.8	415.2	466.1	534.1	641.4
-5°	249.0	273.6	292.5	308.3	327.0	348.9	378.0	414.0	461.9	528.5	633.6
-7.5°	247.3	272.0	291.9	307.3	326.4	348.5	376.5	411.8	458.1	521.8	619.9
-10°	245.0	270.4	290.9	306.9	325.5	347.5	374.3	408.0	452.0	511.6	600.6
-12.5°	242.7	268.6	289.4	306.0	323.9	345.5	371.2	402.7	443.6	498.1	576.2
-15°	239.7	266.0	287.4	304.4	321.7	342.6	367.1	395.9	433.3	482.0	547.8
-17.5°	236.0	262.8	285.2	302.2	318.9	338.6	362.4	388.8	423.0	467.1	526.8
-20°	231.8	258.8	282.5	299.4	315.6	334.7	357.9	383.2	413.6	452.0	502.4

Classified

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

Scaled Data Report



REPORT NUMBER: P627005 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA2E-722-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°	226.9	254.1	278.7	296.0	312.4	330.9	352.5	376.5	403.2	434.8	477.0
-25°	221.7	248.1	273.0	292.2	308.6	326.2	346.3	369.0	393.5	420.8	455.3
-27.5°	216.2	241.4	266.9	287.8	304.0	320.8	340.1	361.4	382.2	405.2	433.3
-30°	210.2	234.9	260.8	282.2	298.7	315.2	333.1	350.7	369.7	390.7	415.0
-32.5°	204.0	227.9	253.5	275.2	292.6	308.7	324.0	339.8	357.0	375.8	396.5
-35°	197.6	220.7	245.1	268.3	285.8	300.9	314.7	328.7	343.7	360.8	378.9
-37.5°	191.1	212.8	236.1	260.1	278.3	292.2	305.0	317.9	331.3	345.4	361.8
-40°	184.1	204.3	226.7	249.6	269.8	283.2	295.6	307.2	319.1	332.1	345.4
-42.5°	176.5	195.9	216.6	238.4	258.3	273.7	286.1	297.0	307.4	318.9	330.9
-45°	168.8	187.0	206.0	226.5	245.9	262.8	275.6	287.0	295.9	305.5	316.4
-47.5°	160.7	177.6	195.6	214.3	233.2	250.2	264.4	274.9	284.2	292.7	301.4
-50°	152.2	168.4	184.3	201.9	220.0	237.2	251.9	262.3	271.3	279.5	287.4
-52.5°	142.8	158.9	173.2	188.6	205.8	222.9	237.5	248.8	257.7	265.7	273.9
-55°	132.9	148.0	161.7	175.4	190.4	207.0	221.6	233.2	243.8	251.5	260.0
-57.5°	122.6	136.2	149.0	161.9	175.1	189.2	203.5	216.4	226.8	236.1	244.8
-60°	111.9	124.1	135.6	147.5	159.5	172.0	185.0	197.6	208.7	218.4	226.4
-62.5°	101.0	111.7	122.1	132.5	143.3	154.2	165.5	177.4	189.6	198.5	206.1
-65°	89.6	99.2	108.6	117.8	126.7	136.6	146.3	155.7	166.0	175.5	183.8
-67.5°	77.8	86.5	94.9	103.1	111.0	119.2	127.4	135.8	143.9	151.7	159.2
-70°	66.8	73.7	81.0	88.2	95.2	102.0	109.0	116.0	123.0	129.8	136.4
-72.5°	55.9	61.9	67.6	73.2	79.5	85.6	91.2	96.3	102.1	108.4	114.2
-75°	45.6	50.0	54.8	59.5	64.4	69.5	74.3	79.0	83.6	88.3	93.0
-77.5°	35.8	39.6	43.1	46.3	49.8	54.0	58.0	61.9	65.6	69.1	72.5
-80°	26.3	29.3	32.3	35.1	37.8	40.5	43.1	45.6	48.0	50.5	53.2
-82.5°	17.3	19.5	21.7	23.9	25.9	27.9	29.9	31.7	33.5	35.2	36.8
-85°	9.0	9.8	11.2	12.7	14.0	15.4	16.7	17.9	19.1	20.2	21.3
-87.5°	4.5	4.9	5.3	5.6	6.0	6.3	6.6	6.9	7.2	7.5	7.8
-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: P627005 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: GFLD-SA2E-722-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°	8.0	8.3	8.5	8.7	8.9	9.1	9.2	9.3	9.5	9.6	9.7
85°	22.3	23.2	24.1	25.0	25.7	25.9	26.0	26.0	25.8	26.2	26.5
82.5°	38.4	40.1	41.8	43.5	45.2	45.9	46.3	46.6	46.9	47.5	48.1
80°	55.7	58.4	61.0	63.2	65.2	66.6	67.9	69.1	70.2	70.8	71.0
77.5°	75.9	79.2	82.3	85.1	87.8	89.9	91.6	93.0	94.0	94.7	95.1
75°	97.6	101.8	105.5	108.9	112.1	114.3	115.9	117.0	117.8	118.6	119.3
72.5°	119.5	124.3	128.7	132.8	136.5	139.1	140.9	142.3	143.4	144.2	144.6
70°	142.5	148.2	153.1	157.3	160.6	163.0	164.9	166.5	167.7	168.5	169.0
67.5°	166.4	172.5	177.1	180.7	183.6	186.2	188.6	190.4	191.6	192.8	194.1
65°	190.7	196.9	201.6	205.4	208.5	211.9	215.0	217.3	218.8	220.2	221.6
62.5°	213.6	220.6	226.0	231.0	236.1	241.0	243.8	246.0	247.5	248.9	250.5
60°	234.3	242.3	248.9	255.0	261.3	267.6	270.2	272.2	274.1	275.9	277.5
57.5°	252.8	261.3	269.3	275.4	281.4	287.2	291.3	293.5	294.9	295.7	296.4
55°	268.9	277.3	285.3	292.3	298.8	304.8	309.3	311.5	313.1	314.2	314.8
52.5°	283.3	292.2	300.8	308.6	315.6	322.1	327.7	330.7	333.1	334.8	335.4
50°	297.4	307.1	316.4	324.7	332.9	340.6	347.8	351.9	354.8	356.6	357.2
47.5°	312.1	322.7	332.8	342.4	351.6	360.8	369.3	374.9	379.2	382.3	384.5
45°	327.5	338.9	350.0	361.3	372.0	383.8	394.6	402.8	408.9	414.2	418.4
42.5°	342.9	355.7	368.5	383.1	397.6	411.1	423.9	434.8	444.8	454.6	462.2
40°	359.7	373.7	391.2	408.5	426.4	442.1	460.8	477.5	492.8	509.4	523.1
37.5°	378.1	396.1	416.8	437.5	460.8	483.4	509.5	535.1	557.4	586.4	609.7
35°	398.1	420.9	445.3	473.2	503.2	538.7	575.1	617.9	654.2	700.3	742.8
32.5°	420.3	447.2	478.9	517.1	557.7	614.7	668.1	740.6	802.6	882.5	969.9
30°	443.0	477.7	520.8	570.2	638.8	719.7	813.9	936.5	1069.1	1206.3	1390.9
27.5°	469.9	514.9	568.7	645.0	747.6	859.5	1051.5	1258.8	1547.6	1776.3	2183.4
25°	498.8	554.6	634.1	744.6	886.4	1112.9	1436.9	1812.2	2390.1	2904.1	3494.8
22.5°	533.1	608.8	714.0	858.7	1106.0	1495.6	2001.5	2772.1	3628.8	4474.3	5247.1
20°	569.4	660.8	808.0	1043.7	1425.9	1989.2	2891.8	3992.9	5130.2	6288.9	7265.4
17.5°	611.8	735.8	929.7	1242.9	1788.1	2752.6	3958.0	5358.2	6844.1	8322.7	9607.0
15°	648.2	801.5	1062.6	1531.7	2344.6	3551.0	5032.6	6801.0	8669.5	10588.4	12668.2
12.5°	694.6	880.6	1199.4	1770.4	2838.4	4406.4	6219.2	8272.4	10554.1	13102.0	16344.3
10°	737.2	963.5	1379.5	2152.9	3432.0	5205.4	7244.2	9573.7	12533.2	16362.0	20273.0
7.5°	771.4	1029.4	1519.1	2451.4	3929.8	5888.1	8167.2	10960.1	14652.3	19211.5	23680.1
5°	795.2	1075.0	1619.0	2676.9	4330.2	6409.8	8822.2	11982.1	16438.5	21544.0	26106.8
2.5°	810.1	1099.9	1667.9	2810.8	4591.4	6723.7	9230.8	12631.6	17533.3	23028.9	27648.5
0°	817.1	1104.2	1636.7	2875.9	4628.0	6701.5	9268.3	12848.5	17793.0	23432.0	28033.1
-2.5°	810.1	1099.9	1667.9	2810.8	4591.4	6723.7	9230.8	12631.6	17533.3	23028.9	27648.5
-5°	795.2	1075.0	1619.0	2676.9	4330.2	6409.8	8822.2	11982.1	16438.5	21544.0	26106.8
-7.5°	771.4	1029.4	1519.1	2451.4	3929.8	5888.1	8167.2	10960.1	14652.3	19211.5	23680.1
-10°	737.2	963.5	1379.5	2152.9	3432.0	5205.4	7244.2	9573.7	12533.2	16362.0	20273.0
-12.5°	694.6	880.6	1199.4	1770.4	2838.4	4406.4	6219.2	8272.4	10554.1	13102.0	16344.3
-15°	648.2	801.5	1062.6	1531.7	2344.6	3551.0	5032.6	6801.0	8669.5	10588.4	12668.2
-17.5°	611.8	735.8	929.7	1242.9	1788.1	2752.6	3958.0	5358.2	6844.1	8322.7	9607.0
-20°	569.4	660.8	808.0	1043.7	1425.9	1989.2	2891.8	3992.9	5130.2	6288.9	7265.4

Classified

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

Scaled Data Report



REPORT NUMBER: P627005 (CONVERTED FROM TYPE C PHOTOMETRY)

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

**CANDELA DISTRIBUTION (continued):**

	-35°	-32.5°	-30°	-27.5°	-25°	-22.5°	-20°	-17.5°	-15°	-12.5°	-10°
-22.5°	533.1	608.8	714.0	858.7	1106.0	1495.6	2001.5	2772.1	3628.8	4474.3	5247.1
-25°	498.8	554.6	634.1	744.6	886.4	1112.9	1436.9	1812.2	2390.1	2904.1	3494.8
-27.5°	469.9	514.9	568.7	645.0	747.6	859.5	1051.5	1258.8	1547.6	1776.3	2183.4
-30°	443.0	477.7	520.8	570.2	638.8	719.7	813.9	936.5	1069.1	1206.3	1390.9
-32.5°	420.3	447.2	478.9	517.1	557.7	614.7	668.1	740.6	802.6	882.5	969.9
-35°	398.1	420.9	445.3	473.2	503.2	538.7	575.1	617.9	654.2	700.3	742.8
-37.5°	378.1	396.1	416.8	437.5	460.8	483.4	509.5	535.1	557.4	586.4	609.7
-40°	359.7	373.7	391.2	408.5	426.4	442.1	460.8	477.5	492.8	509.4	523.1
-42.5°	342.9	355.7	368.5	383.1	397.6	411.1	423.9	434.8	444.8	454.6	462.2
-45°	327.5	338.9	350.0	361.3	372.0	383.8	394.6	402.8	408.9	414.2	418.4
-47.5°	312.1	322.7	332.8	342.4	351.6	360.8	369.3	374.9	379.2	382.3	384.5
-50°	297.4	307.1	316.4	324.7	332.9	340.6	347.8	351.9	354.8	356.6	357.2
-52.5°	283.3	292.2	300.8	308.6	315.6	322.1	327.7	330.7	333.1	334.8	335.4
-55°	268.9	277.3	285.3	292.3	298.8	304.8	309.3	311.5	313.1	314.2	314.8
-57.5°	252.8	261.3	269.3	275.4	281.4	287.2	291.3	293.5	294.9	295.7	296.4
-60°	234.3	242.3	248.9	255.0	261.3	267.6	270.2	272.2	274.1	275.9	277.5
-62.5°	213.6	220.6	226.0	231.0	236.1	241.0	243.8	246.0	247.5	248.9	250.5
-65°	190.7	196.9	201.6	205.4	208.5	211.9	215.0	217.3	218.8	220.2	221.6
-67.5°	166.4	172.5	177.1	180.7	183.6	186.2	188.6	190.4	191.6	192.8	194.1
-70°	142.5	148.2	153.1	157.3	160.6	163.0	164.9	166.5	167.7	168.5	169.0
-72.5°	119.5	124.3	128.7	132.8	136.5	139.1	140.9	142.3	143.4	144.2	144.6
-75°	97.6	101.8	105.5	108.9	112.1	114.3	115.9	117.0	117.8	118.6	119.3
-77.5°	75.9	79.2	82.3	85.1	87.8	89.9	91.6	93.0	94.0	94.7	95.1
-80°	55.7	58.4	61.0	63.2	65.2	66.6	67.9	69.1	70.2	70.8	71.0
-82.5°	38.4	40.1	41.8	43.5	45.2	45.9	46.3	46.6	46.9	47.5	48.1
-85°	22.3	23.2	24.1	25.0	25.7	25.9	26.0	26.0	25.8	26.2	26.5
-87.5°	8.0	8.3	8.5	8.7	8.9	9.1	9.2	9.3	9.5	9.6	9.7
-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: P627005 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: GFLD-SA2E-722-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°	9.7	9.8	9.8	9.8	9.8	9.8	9.7	9.7	9.6	9.5	9.3
85°	26.7	26.9	27.0	27.0	27.0	26.9	26.7	26.5	26.2	25.8	26.0
82.5°	48.5	48.8	49.0	49.1	49.0	48.8	48.5	48.1	47.5	46.9	46.6
80°	71.0	70.9	71.1	71.2	71.1	70.9	71.0	71.0	70.8	70.2	69.1
77.5°	95.3	95.3	95.6	95.7	95.6	95.3	95.3	95.1	94.7	94.0	93.0
75°	119.6	119.7	120.1	120.2	120.1	119.7	119.6	119.3	118.6	117.8	117.0
72.5°	144.6	144.2	144.6	144.8	144.6	144.2	144.6	144.6	144.2	143.4	142.3
70°	169.0	168.7	170.3	171.8	170.3	168.7	169.0	169.0	168.5	167.7	166.5
67.5°	194.9	195.4	197.2	198.8	197.2	195.4	194.9	194.1	192.8	191.6	190.4
65°	222.4	222.4	224.1	225.8	224.1	222.4	222.4	221.6	220.2	218.8	217.3
62.5°	251.4	251.7	253.5	255.2	253.5	251.7	251.4	250.5	248.9	247.5	246.0
60°	278.4	278.7	279.4	279.7	279.4	278.7	278.4	277.5	275.9	274.1	272.2
57.5°	296.7	296.4	296.7	296.9	296.7	296.4	296.7	296.4	295.7	294.9	293.5
55°	314.7	313.8	312.9	311.6	312.9	313.8	314.7	314.8	314.2	313.1	311.5
52.5°	334.9	333.6	332.5	331.3	332.5	333.6	334.9	335.4	334.8	333.1	330.7
50°	356.8	355.7	354.6	353.4	354.6	355.7	356.8	357.2	356.6	354.8	351.9
47.5°	386.0	386.5	386.3	385.3	386.3	386.5	386.0	384.5	382.3	379.2	374.9
45°	421.4	422.8	423.0	422.1	423.0	422.8	421.4	418.4	414.2	408.9	402.8
42.5°	467.6	470.7	472.4	473.6	472.4	470.7	467.6	462.2	454.6	444.8	434.8
40°	533.1	539.4	543.5	547.2	543.5	539.4	533.1	523.1	509.4	492.8	477.5
37.5°	627.0	638.5	643.6	640.5	643.6	638.5	627.0	609.7	586.4	557.4	535.1
35°	775.6	797.5	808.9	809.8	808.9	797.5	775.6	742.8	700.3	654.2	617.9
32.5°	1034.5	1079.3	1103.3	1106.7	1103.3	1079.3	1034.5	969.9	882.5	802.6	740.6
30°	1532.3	1623.6	1666.6	1656.4	1666.6	1623.6	1532.3	1390.9	1206.3	1069.1	936.5
27.5°	2500.0	2727.8	2862.7	2873.5	2862.7	2727.8	2500.0	2183.4	1776.3	1547.6	1258.8
25°	4018.1	4406.9	4655.9	4659.9	4655.9	4406.9	4018.1	3494.8	2904.1	2390.1	1812.2
22.5°	5961.7	6492.5	6783.3	6834.0	6783.3	6492.5	5961.7	5247.1	4474.3	3628.8	2772.1
20°	8213.5	8919.5	9297.3	9297.7	9297.3	8919.5	8213.5	7265.4	6288.9	5130.2	3992.9
17.5°	10986.6	12133.1	12852.8	13162.6	12852.8	12133.1	10986.6	9607.0	8322.7	6844.1	5358.2
15°	14670.8	16597.4	17751.8	17959.9	17751.8	16597.4	14670.8	12668.2	10588.4	8669.5	6801.0
12.5°	19156.7	21594.9	23233.8	23834.5	23233.8	21594.9	19156.7	16344.3	13102.0	10554.1	8272.4
10°	23840.4	26099.5	27855.3	28445.3	27855.3	26099.5	23840.4	20273.0	16362.0	12533.2	9573.7
7.5°	27224.0	29917.8	31895.6	32764.1	31895.6	29917.8	27224.0	23680.1	19211.5	14652.3	10960.1
5°	29895.0	33082.5	34923.6	35740.7	34923.6	33082.5	29895.0	26106.8	21544.0	16438.5	11982.1
2.5°	31647.5	34797.1	36746.6	37500.1	36746.6	34797.1	31647.5	27648.5	23028.9	17533.3	12631.6
0°	32302.8	35382.4	37308.7	38228.9	37308.7	35382.4	32302.8	28033.1	23432.0	17793.0	12848.5
-2.5°	31647.5	34797.1	36746.6	37500.1	36746.6	34797.1	31647.5	27648.5	23028.9	17533.3	12631.6
-5°	29895.0	33082.5	34923.6	35740.7	34923.6	33082.5	29895.0	26106.8	21544.0	16438.5	11982.1
-7.5°	27224.0	29917.8	31895.6	32764.1	31895.6	29917.8	27224.0	23680.1	19211.5	14652.3	10960.1
-10°	23840.4	26099.5	27855.3	28445.3	27855.3	26099.5	23840.4	20273.0	16362.0	12533.2	9573.7
-12.5°	19156.7	21594.9	23233.8	23834.5	23233.8	21594.9	19156.7	16344.3	13102.0	10554.1	8272.4
-15°	14670.8	16597.4	17751.8	17959.9	17751.8	16597.4	14670.8	12668.2	10588.4	8669.5	6801.0
-17.5°	10986.6	12133.1	12852.8	13162.6	12852.8	12133.1	10986.6	9607.0	8322.7	6844.1	5358.2
-20°	8213.5	8919.5	9297.3	9297.7	9297.3	8919.5	8213.5	7265.4	6288.9	5130.2	3992.9



REPORT NUMBER: P627005 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA2E-722-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°	5961.7	6492.5	6783.3	6834.0	6783.3	6492.5	5961.7	5247.1	4474.3	3628.8	2772.1
-25°	4018.1	4406.9	4655.9	4659.9	4655.9	4406.9	4018.1	3494.8	2904.1	2390.1	1812.2
-27.5°	2500.0	2727.8	2862.7	2873.5	2862.7	2727.8	2500.0	2183.4	1776.3	1547.6	1258.8
-30°	1532.3	1623.6	1666.6	1656.4	1666.6	1623.6	1532.3	1390.9	1206.3	1069.1	936.5
-32.5°	1034.5	1079.3	1103.3	1106.7	1103.3	1079.3	1034.5	969.9	882.5	802.6	740.6
-35°	775.6	797.5	808.9	809.8	808.9	797.5	775.6	742.8	700.3	654.2	617.9
-37.5°	627.0	638.5	643.6	640.5	643.6	638.5	627.0	609.7	586.4	557.4	535.1
-40°	533.1	539.4	543.5	547.2	543.5	539.4	533.1	523.1	509.4	492.8	477.5
-42.5°	467.6	470.7	472.4	473.6	472.4	470.7	467.6	462.2	454.6	444.8	434.8
-45°	421.4	422.8	423.0	422.1	423.0	422.8	421.4	418.4	414.2	408.9	402.8
-47.5°	386.0	386.5	386.3	385.3	386.3	386.5	386.0	384.5	382.3	379.2	374.9
-50°	356.8	355.7	354.6	353.4	354.6	355.7	356.8	357.2	356.6	354.8	351.9
-52.5°	334.9	333.6	332.5	331.3	332.5	333.6	334.9	335.4	334.8	333.1	330.7
-55°	314.7	313.8	312.9	311.6	312.9	313.8	314.7	314.8	314.2	313.1	311.5
-57.5°	296.7	296.4	296.7	296.9	296.7	296.4	296.7	296.4	295.7	294.9	293.5
-60°	278.4	278.7	279.4	279.7	279.4	278.7	278.4	277.5	275.9	274.1	272.2
-62.5°	251.4	251.7	253.5	255.2	253.5	251.7	251.4	250.5	248.9	247.5	246.0
-65°	222.4	222.4	224.1	225.8	224.1	222.4	222.4	221.6	220.2	218.8	217.3
-67.5°	194.9	195.4	197.2	198.8	197.2	195.4	194.9	194.1	192.8	191.6	190.4
-70°	169.0	168.7	170.3	171.8	170.3	168.7	169.0	169.0	168.5	167.7	166.5
-72.5°	144.6	144.2	144.6	144.8	144.6	144.2	144.6	144.6	144.2	143.4	142.3
-75°	119.6	119.7	120.1	120.2	120.1	119.7	119.6	119.3	118.6	117.8	117.0
-77.5°	95.3	95.3	95.6	95.7	95.6	95.3	95.3	95.1	94.7	94.0	93.0
-80°	71.0	70.9	71.1	71.2	71.1	70.9	71.0	71.0	70.8	70.2	69.1
-82.5°	48.5	48.8	49.0	49.1	49.0	48.8	48.5	48.1	47.5	46.9	46.6
-85°	26.7	26.9	27.0	27.0	27.0	26.9	26.7	26.5	26.2	25.8	26.0
-87.5°	9.7	9.8	9.8	9.8	9.8	9.8	9.7	9.7	9.6	9.5	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: P627005 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: GFLD-SA2E-722-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°	9.2	9.1	8.9	8.7	8.5	8.3	8.0	7.8	7.5	7.2	6.9
85°	26.0	25.9	25.7	25.0	24.1	23.2	22.3	21.3	20.2	19.1	17.9
82.5°	46.3	45.9	45.2	43.5	41.8	40.1	38.4	36.8	35.2	33.5	31.7
80°	67.9	66.6	65.2	63.2	61.0	58.4	55.7	53.2	50.5	48.0	45.6
77.5°	91.6	89.9	87.8	85.1	82.3	79.2	75.9	72.5	69.1	65.6	61.9
75°	115.9	114.3	112.1	108.9	105.5	101.8	97.6	93.0	88.3	83.6	79.0
72.5°	140.9	139.1	136.5	132.8	128.7	124.3	119.5	114.2	108.4	102.1	96.3
70°	164.9	163.0	160.6	157.3	153.1	148.2	142.5	136.4	129.8	123.0	116.0
67.5°	188.6	186.2	183.6	180.7	177.1	172.5	166.4	159.2	151.7	143.9	135.8
65°	215.0	211.9	208.5	205.4	201.6	196.9	190.7	183.8	175.5	166.0	155.7
62.5°	243.8	241.0	236.1	231.0	226.0	220.6	213.6	206.1	198.5	189.6	177.4
60°	270.2	267.6	261.3	255.0	248.9	242.3	234.3	226.4	218.4	208.7	197.6
57.5°	291.3	287.2	281.4	275.4	269.3	261.3	252.8	244.8	236.1	226.8	216.4
55°	309.3	304.8	298.8	292.3	285.3	277.3	268.9	260.0	251.5	243.8	233.2
52.5°	327.7	322.1	315.6	308.6	300.8	292.2	283.3	273.9	265.7	257.7	248.8
50°	347.8	340.6	332.9	324.7	316.4	307.1	297.4	287.4	279.5	271.3	262.3
47.5°	369.3	360.8	351.6	342.4	332.8	322.7	312.1	301.4	292.7	284.2	274.9
45°	394.6	383.8	372.0	361.3	350.0	338.9	327.5	316.4	305.5	295.9	287.0
42.5°	423.9	411.1	397.6	383.1	368.5	355.7	342.9	330.9	318.9	307.4	297.0
40°	460.8	442.1	426.4	408.5	391.2	373.7	359.7	345.4	332.1	319.1	307.2
37.5°	509.5	483.4	460.8	437.5	416.8	396.1	378.1	361.8	345.4	331.3	317.9
35°	575.1	538.7	503.2	473.2	445.3	420.9	398.1	378.9	360.8	343.7	328.7
32.5°	668.1	614.7	557.7	517.1	478.9	447.2	420.3	396.5	375.8	357.0	339.8
30°	813.9	719.7	638.8	570.2	520.8	477.7	443.0	415.0	390.7	369.7	350.7
27.5°	1051.5	859.5	747.6	645.0	568.7	514.9	469.9	433.3	405.2	382.2	361.4
25°	1436.9	1112.9	886.4	744.6	634.1	554.6	498.8	455.3	420.8	393.5	369.0
22.5°	2001.5	1495.6	1106.0	858.7	714.0	608.8	533.1	477.0	434.8	403.2	376.5
20°	2891.8	1989.2	1425.9	1043.7	808.0	660.8	569.4	502.4	452.0	413.6	383.2
17.5°	3958.0	2752.6	1788.1	1242.9	929.7	735.8	611.8	526.8	467.1	423.0	388.8
15°	5032.6	3551.0	2344.6	1531.7	1062.6	801.5	648.2	547.8	482.0	433.3	395.9
12.5°	6219.2	4406.4	2838.4	1770.4	1199.4	880.6	694.6	576.2	498.1	443.6	402.7
10°	7244.2	5205.4	3432.0	2152.9	1379.5	963.5	737.2	600.6	511.6	452.0	408.0
7.5°	8167.2	5888.1	3929.8	2451.4	1519.1	1029.4	771.4	619.9	521.8	458.1	411.8
5°	8822.2	6409.8	4330.2	2676.9	1619.0	1075.0	795.2	633.6	528.5	461.9	414.0
2.5°	9230.8	6723.7	4591.4	2810.8	1667.9	1099.9	810.1	641.4	534.1	466.1	415.2
0°	9268.3	6701.5	4628.0	2875.9	1636.7	1104.2	817.1	642.9	537.4	468.7	414.7
-2.5°	9230.8	6723.7	4591.4	2810.8	1667.9	1099.9	810.1	641.4	534.1	466.1	415.2
-5°	8822.2	6409.8	4330.2	2676.9	1619.0	1075.0	795.2	633.6	528.5	461.9	414.0
-7.5°	8167.2	5888.1	3929.8	2451.4	1519.1	1029.4	771.4	619.9	521.8	458.1	411.8
-10°	7244.2	5205.4	3432.0	2152.9	1379.5	963.5	737.2	600.6	511.6	452.0	408.0
-12.5°	6219.2	4406.4	2838.4	1770.4	1199.4	880.6	694.6	576.2	498.1	443.6	402.7
-15°	5032.6	3551.0	2344.6	1531.7	1062.6	801.5	648.2	547.8	482.0	433.3	395.9
-17.5°	3958.0	2752.6	1788.1	1242.9	929.7	735.8	611.8	526.8	467.1	423.0	388.8
-20°	2891.8	1989.2	1425.9	1043.7	808.0	660.8	569.4	502.4	452.0	413.6	383.2



Classified

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

Scaled Data Report



REPORT NUMBER: P627005 (CONVERTED FROM TYPE C PHOTOMETRY)

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

**CANDELA DISTRIBUTION (continued):**

	20°	22.5°	25°	27.5°	30°	32.5°	35°	37.5°	40°	42.5°	45°
-22.5°	2001.5	1495.6	1106.0	858.7	714.0	608.8	533.1	477.0	434.8	403.2	376.5
-25°	1436.9	1112.9	886.4	744.6	634.1	554.6	498.8	455.3	420.8	393.5	369.0
-27.5°	1051.5	859.5	747.6	645.0	568.7	514.9	469.9	433.3	405.2	382.2	361.4
-30°	813.9	719.7	638.8	570.2	520.8	477.7	443.0	415.0	390.7	369.7	350.7
-32.5°	668.1	614.7	557.7	517.1	478.9	447.2	420.3	396.5	375.8	357.0	339.8
-35°	575.1	538.7	503.2	473.2	445.3	420.9	398.1	378.9	360.8	343.7	328.7
-37.5°	509.5	483.4	460.8	437.5	416.8	396.1	378.1	361.8	345.4	331.3	317.9
-40°	460.8	442.1	426.4	408.5	391.2	373.7	359.7	345.4	332.1	319.1	307.2
-42.5°	423.9	411.1	397.6	383.1	368.5	355.7	342.9	330.9	318.9	307.4	297.0
-45°	394.6	383.8	372.0	361.3	350.0	338.9	327.5	316.4	305.5	295.9	287.0
-47.5°	369.3	360.8	351.6	342.4	332.8	322.7	312.1	301.4	292.7	284.2	274.9
-50°	347.8	340.6	332.9	324.7	316.4	307.1	297.4	287.4	279.5	271.3	262.3
-52.5°	327.7	322.1	315.6	308.6	300.8	292.2	283.3	273.9	265.7	257.7	248.8
-55°	309.3	304.8	298.8	292.3	285.3	277.3	268.9	260.0	251.5	243.8	233.2
-57.5°	291.3	287.2	281.4	275.4	269.3	261.3	252.8	244.8	236.1	226.8	216.4
-60°	270.2	267.6	261.3	255.0	248.9	242.3	234.3	226.4	218.4	208.7	197.6
-62.5°	243.8	241.0	236.1	231.0	226.0	220.6	213.6	206.1	198.5	189.6	177.4
-65°	215.0	211.9	208.5	205.4	201.6	196.9	190.7	183.8	175.5	166.0	155.7
-67.5°	188.6	186.2	183.6	180.7	177.1	172.5	166.4	159.2	151.7	143.9	135.8
-70°	164.9	163.0	160.6	157.3	153.1	148.2	142.5	136.4	129.8	123.0	116.0
-72.5°	140.9	139.1	136.5	132.8	128.7	124.3	119.5	114.2	108.4	102.1	96.3
-75°	115.9	114.3	112.1	108.9	105.5	101.8	97.6	93.0	88.3	83.6	79.0
-77.5°	91.6	89.9	87.8	85.1	82.3	79.2	75.9	72.5	69.1	65.6	61.9
-80°	67.9	66.6	65.2	63.2	61.0	58.4	55.7	53.2	50.5	48.0	45.6
-82.5°	46.3	45.9	45.2	43.5	41.8	40.1	38.4	36.8	35.2	33.5	31.7
-85°	26.0	25.9	25.7	25.0	24.1	23.2	22.3	21.3	20.2	19.1	17.9
-87.5°	9.2	9.1	8.9	8.7	8.5	8.3	8.0	7.8	7.5	7.2	6.9
-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: P627005 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: GFLD-SA2E-722-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°	6.6	6.3	6.0	5.6	5.3	4.9	4.5	4.1	3.7	3.4	2.9
85°	16.7	15.4	14.0	12.7	11.2	9.8	9.0	8.3	7.5	6.7	5.9
82.5°	29.9	27.9	25.9	23.9	21.7	19.5	17.3	15.0	12.6	10.2	8.8
80°	43.1	40.5	37.8	35.1	32.3	29.3	26.3	23.1	19.7	16.4	13.3
77.5°	58.0	54.0	49.8	46.3	43.1	39.6	35.8	31.5	26.8	22.6	18.5
75°	74.3	69.5	64.4	59.5	54.8	50.0	45.6	40.5	34.7	28.7	23.7
72.5°	91.2	85.6	79.5	73.2	67.6	61.9	55.9	49.5	42.8	36.0	29.1
70°	109.0	102.0	95.2	88.2	81.0	73.7	66.8	59.2	50.8	43.1	35.3
67.5°	127.4	119.2	111.0	103.1	94.9	86.5	77.8	68.9	59.6	50.2	41.5
65°	146.3	136.6	126.7	117.8	108.6	99.2	89.6	78.6	68.2	57.8	47.6
62.5°	165.5	154.2	143.3	132.5	122.1	111.7	101.0	88.7	76.7	65.4	54.0
60°	185.0	172.0	159.5	147.5	135.6	124.1	111.9	98.5	85.4	72.7	60.4
57.5°	203.5	189.2	175.1	161.9	149.0	136.2	122.6	108.1	93.8	80.0	66.7
55°	221.6	207.0	190.4	175.4	161.7	148.0	132.9	117.6	102.0	87.1	72.8
52.5°	237.5	222.9	205.8	188.6	173.2	158.9	142.8	126.8	110.2	93.9	78.8
50°	251.9	237.2	220.0	201.9	184.3	168.4	152.2	135.3	118.2	100.6	84.5
47.5°	264.4	250.2	233.2	214.3	195.6	177.6	160.7	143.3	125.9	107.5	90.1
45°	275.6	262.8	245.9	226.5	206.0	187.0	168.8	150.9	132.7	114.1	95.4
42.5°	286.1	273.7	258.3	238.4	216.6	195.9	176.5	157.9	139.2	120.3	100.7
40°	295.6	283.2	269.8	249.6	226.7	204.3	184.1	164.6	145.2	126.1	105.8
37.5°	305.0	292.2	278.3	260.1	236.1	212.8	191.1	170.8	151.0	131.2	110.7
35°	314.7	300.9	285.8	268.3	245.1	220.7	197.6	176.7	156.4	136.0	115.1
32.5°	324.0	308.7	292.6	275.2	253.5	227.9	204.0	182.4	161.5	140.5	119.3
30°	333.1	315.2	298.7	282.2	260.8	234.9	210.2	187.7	166.3	144.7	123.1
27.5°	340.1	320.8	304.0	287.8	266.9	241.4	216.2	192.6	170.6	148.6	126.4
25°	346.3	326.2	308.6	292.2	273.0	248.1	221.7	197.1	174.6	152.1	129.5
22.5°	352.5	330.9	312.4	296.0	278.7	254.1	226.9	201.6	178.2	155.3	132.2
20°	357.9	334.7	315.6	299.4	282.5	258.8	231.8	205.6	181.4	158.0	134.7
17.5°	362.4	338.6	318.9	302.2	285.2	262.8	236.0	209.0	184.2	160.5	136.8
15°	367.1	342.6	321.7	304.4	287.4	266.0	239.7	212.0	186.5	162.5	138.8
12.5°	371.2	345.5	323.9	306.0	289.4	268.6	242.7	214.4	188.4	164.5	140.6
10°	374.3	347.5	325.5	306.9	290.9	270.4	245.0	216.6	190.7	166.2	142.1
7.5°	376.5	348.5	326.4	307.3	291.9	272.0	247.3	219.1	192.7	167.6	143.3
5°	378.0	348.9	327.0	308.3	292.5	273.6	249.0	221.0	194.4	168.5	144.1
2.5°	379.8	349.1	327.0	309.0	292.5	274.5	250.0	222.4	195.6	169.1	144.6
0°	380.4	348.5	326.4	309.2	292.0	274.8	250.3	223.3	196.3	169.3	144.8
-2.5°	379.8	349.1	327.0	309.0	292.5	274.5	250.0	222.4	195.6	169.1	144.6
-5°	378.0	348.9	327.0	308.3	292.5	273.6	249.0	221.0	194.4	168.5	144.1
-7.5°	376.5	348.5	326.4	307.3	291.9	272.0	247.3	219.1	192.7	167.6	143.3
-10°	374.3	347.5	325.5	306.9	290.9	270.4	245.0	216.6	190.7	166.2	142.1
-12.5°	371.2	345.5	323.9	306.0	289.4	268.6	242.7	214.4	188.4	164.5	140.6
-15°	367.1	342.6	321.7	304.4	287.4	266.0	239.7	212.0	186.5	162.5	138.8
-17.5°	362.4	338.6	318.9	302.2	285.2	262.8	236.0	209.0	184.2	160.5	136.8
-20°	357.9	334.7	315.6	299.4	282.5	258.8	231.8	205.6	181.4	158.0	134.7

Classified

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

Scaled Data Report



REPORT NUMBER: P627005 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA2E-722-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°	352.5	330.9	312.4	296.0	278.7	254.1	226.9	201.6	178.2	155.3	132.2
-25°	346.3	326.2	308.6	292.2	273.0	248.1	221.7	197.1	174.6	152.1	129.5
-27.5°	340.1	320.8	304.0	287.8	266.9	241.4	216.2	192.6	170.6	148.6	126.4
-30°	333.1	315.2	298.7	282.2	260.8	234.9	210.2	187.7	166.3	144.7	123.1
-32.5°	324.0	308.7	292.6	275.2	253.5	227.9	204.0	182.4	161.5	140.5	119.3
-35°	314.7	300.9	285.8	268.3	245.1	220.7	197.6	176.7	156.4	136.0	115.1
-37.5°	305.0	292.2	278.3	260.1	236.1	212.8	191.1	170.8	151.0	131.2	110.7
-40°	295.6	283.2	269.8	249.6	226.7	204.3	184.1	164.6	145.2	126.1	105.8
-42.5°	286.1	273.7	258.3	238.4	216.6	195.9	176.5	157.9	139.2	120.3	100.7
-45°	275.6	262.8	245.9	226.5	206.0	187.0	168.8	150.9	132.7	114.1	95.4
-47.5°	264.4	250.2	233.2	214.3	195.6	177.6	160.7	143.3	125.9	107.5	90.1
-50°	251.9	237.2	220.0	201.9	184.3	168.4	152.2	135.3	118.2	100.6	84.5
-52.5°	237.5	222.9	205.8	188.6	173.2	158.9	142.8	126.8	110.2	93.9	78.8
-55°	221.6	207.0	190.4	175.4	161.7	148.0	132.9	117.6	102.0	87.1	72.8
-57.5°	203.5	189.2	175.1	161.9	149.0	136.2	122.6	108.1	93.8	80.0	66.7
-60°	185.0	172.0	159.5	147.5	135.6	124.1	111.9	98.5	85.4	72.7	60.4
-62.5°	165.5	154.2	143.3	132.5	122.1	111.7	101.0	88.7	76.7	65.4	54.0
-65°	146.3	136.6	126.7	117.8	108.6	99.2	89.6	78.6	68.2	57.8	47.6
-67.5°	127.4	119.2	111.0	103.1	94.9	86.5	77.8	68.9	59.6	50.2	41.5
-70°	109.0	102.0	95.2	88.2	81.0	73.7	66.8	59.2	50.8	43.1	35.3
-72.5°	91.2	85.6	79.5	73.2	67.6	61.9	55.9	49.5	42.8	36.0	29.1
-75°	74.3	69.5	64.4	59.5	54.8	50.0	45.6	40.5	34.7	28.7	23.7
-77.5°	58.0	54.0	49.8	46.3	43.1	39.6	35.8	31.5	26.8	22.6	18.5
-80°	43.1	40.5	37.8	35.1	32.3	29.3	26.3	23.1	19.7	16.4	13.3
-82.5°	29.9	27.9	25.9	23.9	21.7	19.5	17.3	15.0	12.6	10.2	8.8
-85°	16.7	15.4	14.0	12.7	11.2	9.8	9.0	8.3	7.5	6.7	5.9
-87.5°	6.6	6.3	6.0	5.6	5.3	4.9	4.5	4.1	3.7	3.4	2.9
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

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Scaled Data Report



REPORT NUMBER: P627005 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA2E-722-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°	2.5	2.1	1.7	1.3	0.9	0.4	0.0
85°	5.1	4.2	3.4	2.6	1.7	0.9	0.0
82.5°	7.6	6.3	5.1	3.8	2.6	1.3	0.0
80°	10.3	8.4	6.8	5.1	3.4	1.7	0.0
77.5°	14.7	11.1	8.4	6.3	4.2	2.1	0.0
75°	19.0	14.7	10.3	7.6	5.1	2.5	0.0
72.5°	23.3	18.3	13.2	8.8	5.9	2.9	0.0
70°	27.7	21.8	16.0	10.2	6.7	3.4	0.0
67.5°	33.0	25.3	18.8	12.3	7.5	3.7	0.0
65°	38.3	29.2	21.6	14.4	8.3	4.1	0.0
62.5°	43.5	33.5	24.2	16.4	9.0	4.5	0.0
60°	48.5	37.7	26.9	18.3	9.8	4.9	0.0
57.5°	53.8	41.8	30.1	20.3	11.1	5.3	0.0
55°	59.0	45.8	33.3	22.1	12.3	5.6	0.0
52.5°	64.0	49.8	36.4	24.0	13.5	6.0	0.0
50°	68.8	53.7	39.5	25.7	14.7	6.3	0.0
47.5°	73.4	57.5	42.4	27.5	15.8	6.6	0.0
45°	77.9	61.1	45.1	29.6	16.9	6.9	0.0
42.5°	82.3	64.5	47.8	31.6	17.9	7.2	0.0
40°	86.4	67.8	50.4	33.5	18.9	7.5	0.0
37.5°	90.4	70.8	52.8	35.3	19.9	7.8	0.0
35°	94.1	73.8	55.1	36.9	20.8	8.0	0.0
32.5°	97.6	76.7	57.3	38.4	21.6	8.3	0.0
30°	100.9	79.4	59.3	39.8	22.4	8.5	0.0
27.5°	103.9	81.9	61.0	41.1	23.1	8.7	0.0
25°	106.7	84.1	62.7	42.2	23.8	8.9	0.0
22.5°	109.1	86.2	64.2	43.2	24.4	9.1	0.0
20°	111.2	88.0	65.6	44.1	24.9	9.2	0.0
17.5°	113.2	89.5	66.9	44.8	25.4	9.3	0.0
15°	115.0	90.8	68.0	45.5	25.8	9.5	0.0
12.5°	116.5	91.8	68.9	46.0	26.2	9.6	0.0
10°	117.8	92.5	69.7	46.3	26.5	9.7	0.0
7.5°	118.8	93.0	70.4	46.6	26.7	9.7	0.0
5°	119.6	93.3	70.8	46.7	26.9	9.8	0.0
2.5°	120.0	93.4	71.1	46.7	27.0	9.8	0.0
0°	120.2	93.2	71.2	46.6	27.0	9.8	0.0
-2.5°	120.0	93.4	71.1	46.7	27.0	9.8	0.0
-5°	119.6	93.3	70.8	46.7	26.9	9.8	0.0
-7.5°	118.8	93.0	70.4	46.6	26.7	9.7	0.0
-10°	117.8	92.5	69.7	46.3	26.5	9.7	0.0
-12.5°	116.5	91.8	68.9	46.0	26.2	9.6	0.0
-15°	115.0	90.8	68.0	45.5	25.8	9.5	0.0
-17.5°	113.2	89.5	66.9	44.8	25.4	9.3	0.0
-20°	111.2	88.0	65.6	44.1	24.9	9.2	0.0

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

**CANDELA DISTRIBUTION (continued):**

	75°	77.5°	80°	82.5°	85°	87.5°	90°
-22.5°	109.1	86.2	64.2	43.2	24.4	9.1	0.0
-25°	106.7	84.1	62.7	42.2	23.8	8.9	0.0
-27.5°	103.9	81.9	61.0	41.1	23.1	8.7	0.0
-30°	100.9	79.4	59.3	39.8	22.4	8.5	0.0
-32.5°	97.6	76.7	57.3	38.4	21.6	8.3	0.0
-35°	94.1	73.8	55.1	36.9	20.8	8.0	0.0
-37.5°	90.4	70.8	52.8	35.3	19.9	7.8	0.0
-40°	86.4	67.8	50.4	33.5	18.9	7.5	0.0
-42.5°	82.3	64.5	47.8	31.6	17.9	7.2	0.0
-45°	77.9	61.1	45.1	29.6	16.9	6.9	0.0
-47.5°	73.4	57.5	42.4	27.5	15.8	6.6	0.0
-50°	68.8	53.7	39.5	25.7	14.7	6.3	0.0
-52.5°	64.0	49.8	36.4	24.0	13.5	6.0	0.0
-55°	59.0	45.8	33.3	22.1	12.3	5.6	0.0
-57.5°	53.8	41.8	30.1	20.3	11.1	5.3	0.0
-60°	48.5	37.7	26.9	18.3	9.8	4.9	0.0
-62.5°	43.5	33.5	24.2	16.4	9.0	4.5	0.0
-65°	38.3	29.2	21.6	14.4	8.3	4.1	0.0
-67.5°	33.0	25.3	18.8	12.3	7.5	3.7	0.0
-70°	27.7	21.8	16.0	10.2	6.7	3.4	0.0
-72.5°	23.3	18.3	13.2	8.8	5.9	2.9	0.0
-75°	19.0	14.7	10.3	7.6	5.1	2.5	0.0
-77.5°	14.7	11.1	8.4	6.3	4.2	2.1	0.0
-80°	10.3	8.4	6.8	5.1	3.4	1.7	0.0
-82.5°	7.6	6.3	5.1	3.8	2.6	1.3	0.0
-85°	5.1	4.2	3.4	2.6	1.7	0.9	0.0
-87.5°	2.5	2.1	1.7	1.3	0.9	0.4	0.0
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0

(END OF REPORT)