

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: P627129 (CONVERTED FROM TYPE C PHOTOMETRY)

Luminaire Tested: **GFLD-SA3C-722-U-NR-XX**

Issue Date: 12/7/2022

**Test Information**

Test Method: LM-79-08  
Report Number: P627129 (CONVERTED FROM TYPE C PHOTOMETRY)  
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G2-2210-813-11)  
Test Lab: COOPER LIGHTING SOLUTIONS  
Issue Date: 12/7/2022  
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)  
Product Line: MCGRAW-EDISON  
Catalog Number: GFLD-SA3C-722-U-NR-XX  
Description: GALLEON FLOOD, THREE LIGHT SQAURE, NARROW SYMMETRICAL ROUND N58  
Light Source: (48) 2200K CCT, 70 CRI LEDS  
Ballast/Driver: -

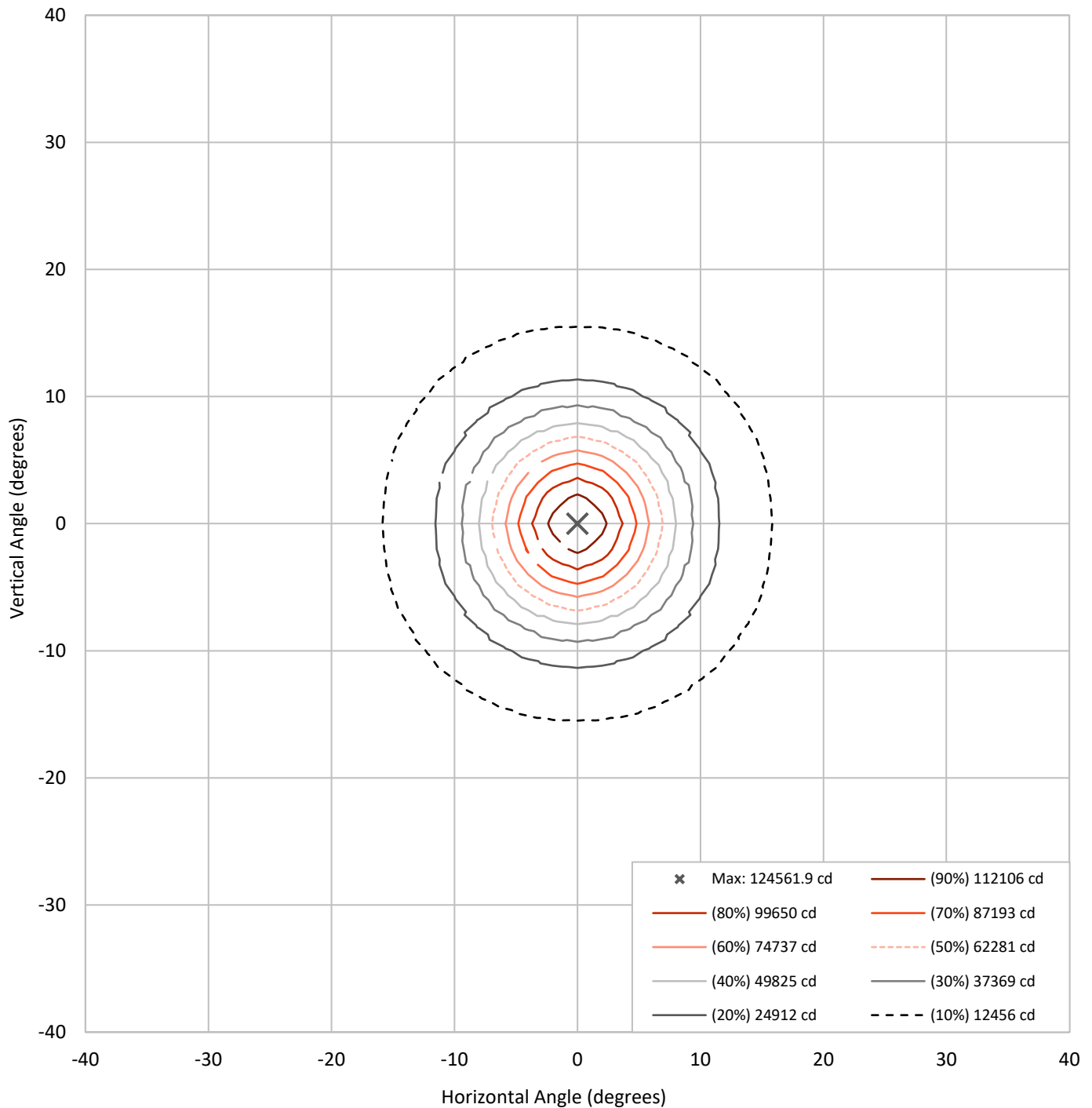
**Summary**

Lumens per Lamp:	N/A	NEMA Type:	3H x 3V
Luminaire Lumens:	13226.7 lumens	Max Intensity:	124561.9 candela
Efficiency:	N/A	Max Intensity Angle:	0°H x 0°V
Efficacy:	108.7 lumens/watt		
Luminous Opening:	Rectangular (W 1.5' x L: 0.5' x H: 0')		
Beam Angle (50%):	13.7°H x 13.6°V	Field Angle (10%):	31.6°H x 30.6°V
Beam Lumens:	3910.5 lumens	Field Lumens:	8800.3 lumens
Beam Efficiency:	29.6%	Field Efficiency:	66.5%
Input Watts (W):	121.7		
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





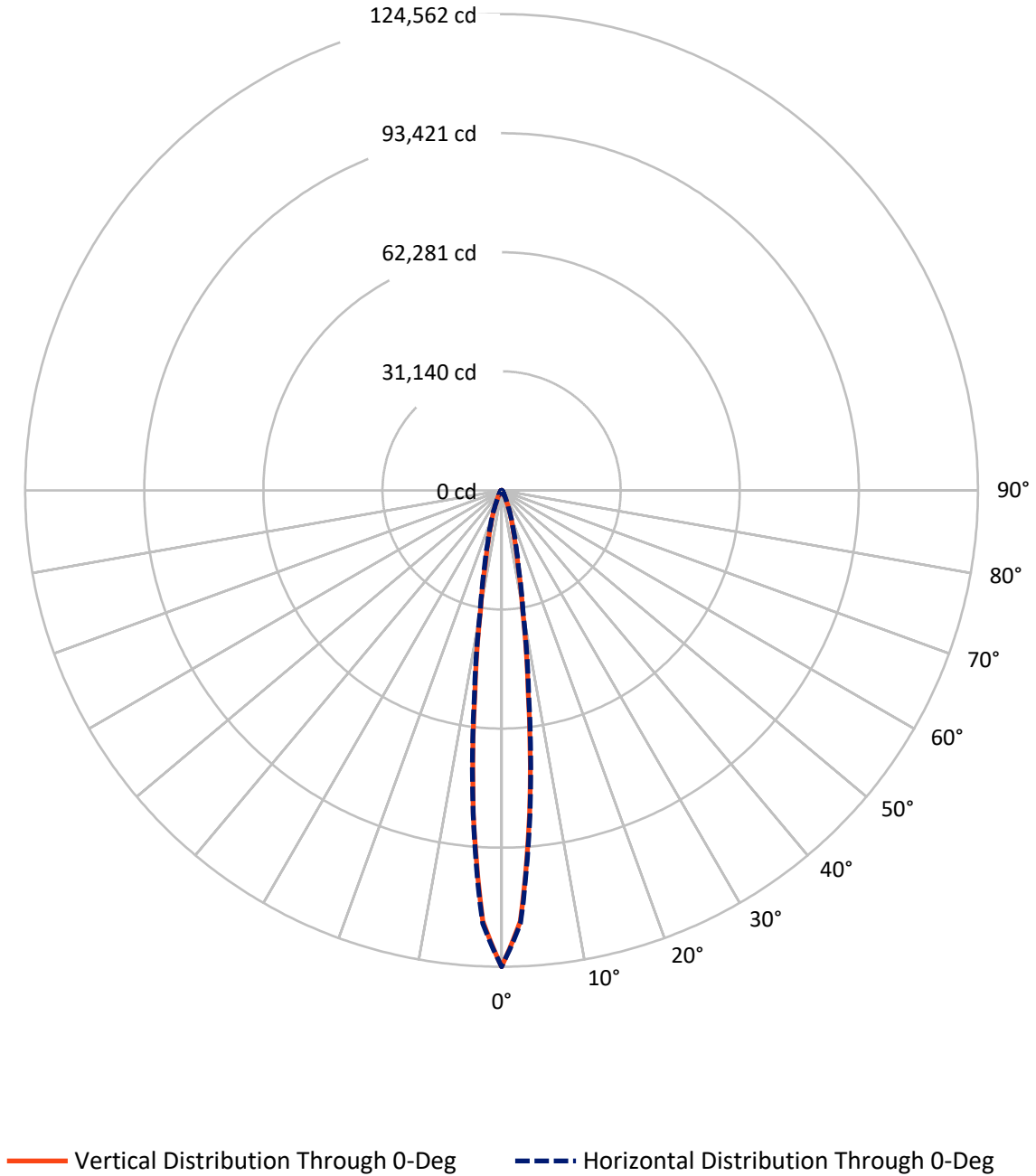
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### Lumen Table

90	0.2	1.8	4.8	7.7	8.4	7.7	4.8	1.8	0.2										
80	0.2	1.8	4.8	7.7	8.4	7.7	4.8	1.8	0.2										
70	0.8	0.9	1.9	3.1	4.4	5.4	6.1	6.4	6.4	6.1	5.4	4.4	3.1	1.9	0.9	0.8			
60		1.4	2.9	4.7	6.3	7.6	8.5	8.9	8.9	8.5	7.6	6.3	4.7	2.9	1.4				
50	1.4	1.8	3.7	5.7	7.6	9.6	11.3	12.2	12.2	11.3	9.6	7.6	5.7	3.7	1.8	1.4			
40		2.2	4.4	6.6	9.4	13.5	19.1	23.6	23.6	19.1	13.5	9.4	6.6	4.4	2.2				
30	1.9	2.5	4.8	7.5	12.2	24.2	55.0	91.1	91.1	55.0	24.2	12.2	7.5	4.8	2.5	1.9			
20		2.7	5.0	8.2	16.2	51.3	182.2	392.5	392.5	182.2	51.3	16.2	8.2	5.0	2.7				
10	2.0	2.8	5.1	8.8	19.5	84.6	396.1	1711.2	1711.2	396.1	84.6	19.5	8.8	5.1	2.8	2.0			
0		2.8	5.1	8.8	19.5	84.6	396.1	1711.2	1711.2	396.1	84.6	19.5	8.8	5.1	2.8				
-10	1.9	2.7	5.0	8.2	16.2	51.3	182.2	392.5	392.5	182.2	51.3	16.2	8.2	5.0	2.7	1.9			
-20		2.5	4.8	7.5	12.2	24.2	55.0	91.1	91.1	55.0	24.2	12.2	7.5	4.8	2.5				
-30	1.4	2.2	4.4	6.6	9.4	13.5	19.1	23.6	23.6	19.1	13.5	9.4	6.6	4.4	2.2	1.4			
-40		1.8	3.7	5.7	7.6	9.6	11.3	12.2	12.2	11.3	9.6	7.6	5.7	3.7	1.8				
-50	0.8	1.4	2.9	4.7	6.3	7.6	8.5	8.9	8.9	8.5	7.6	6.3	4.7	2.9	1.4	0.8			
-60		0.9	1.9	3.1	4.4	5.4	6.1	6.4	6.4	6.1	5.4	4.4	3.1	1.9	0.9				
-70	0.2	1.8	4.8	7.7	8.4	7.7	4.8	1.8	0.2							0.2			
-80		0.2	1.8	4.8	7.7	8.4	7.7	4.8	1.8	0.2									
-90	0.2	1.8	4.8	7.7	8.4	7.7	4.8	1.8	0.2										
	-90	-80	-70	-60	-50	-40	-30	-20	-10	0	10	20	30	40	50	60	70	80	90

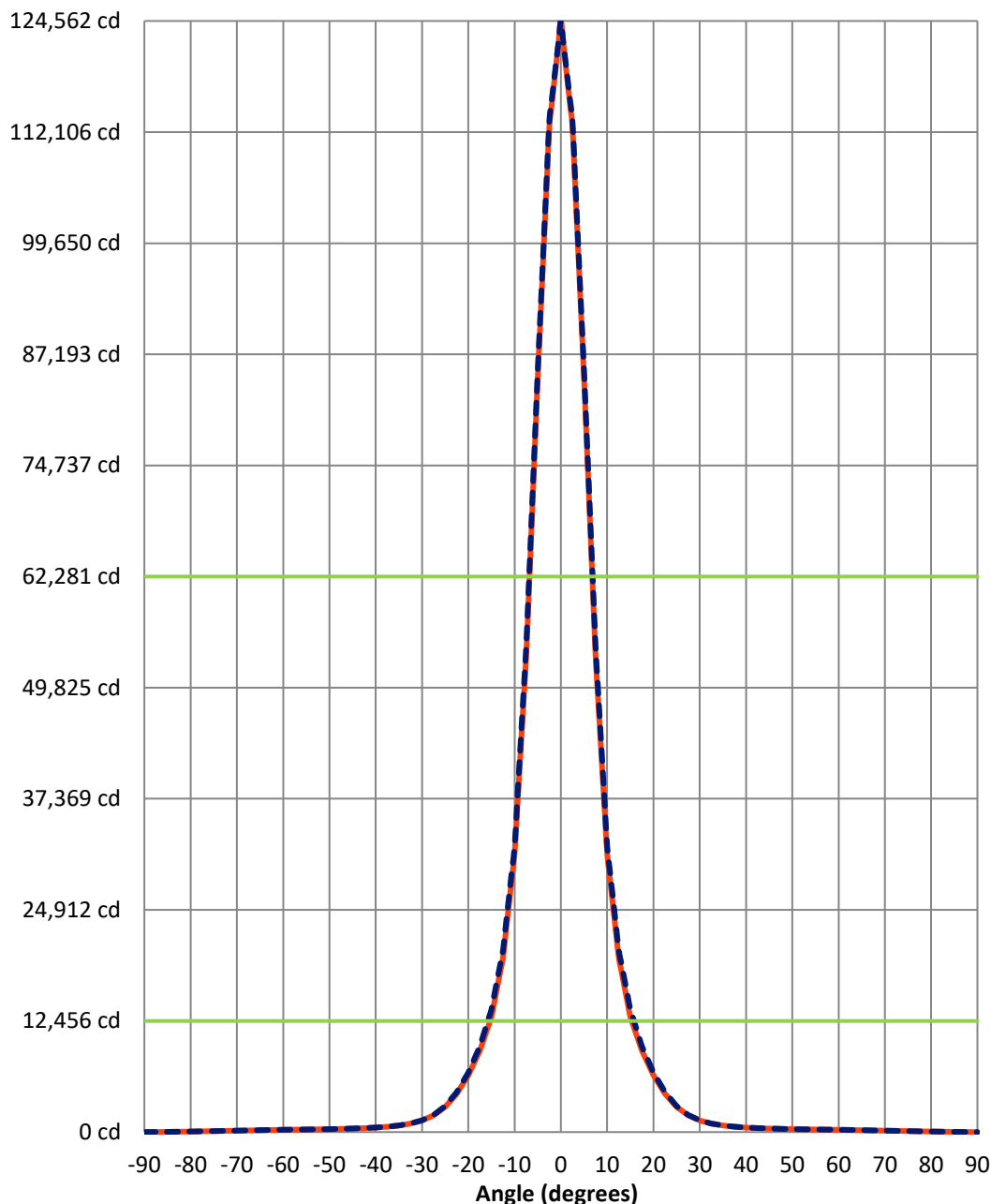
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### Luminous Intensity Polar Plot



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### Luminous Intensity Plot



**Beam:**  
 H Angle: 13.7°  
 V Angle: 13.6°  
 Lumens: 3910.5  
 Efficiency: 29.6%

**Field:**  
 H Angle: 31.6°  
 V Angle: 30.6°  
 Lumens: 8800.3  
 Efficiency: 66.5%

**Spill:**  
 Lumens: 4426.3  
 Efficiency: 33.5%

— 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	1.4	1.9	2.3	2.8	3.2	3.7	4.1	4.5
85°	0.0	0.8	1.9	2.8	3.7	4.6	5.5	6.4	7.3	8.2	9.0
82.5°	0.0	1.2	2.8	4.2	5.6	6.9	8.3	9.6	11.1	13.0	14.9
80°	0.0	1.6	3.7	5.6	7.4	9.2	11.2	13.9	16.5	19.1	21.6
77.5°	0.0	2.0	4.6	6.9	9.2	11.8	15.2	18.6	21.9	25.1	28.6
75°	0.0	2.4	5.5	8.3	11.1	15.0	19.2	23.3	27.3	31.8	36.3
72.5°	0.0	2.8	6.4	9.6	13.6	18.2	23.1	28.1	33.5	38.7	43.9
70°	0.0	3.2	7.2	11.0	15.9	21.3	27.1	33.5	39.5	45.6	52.3
67.5°	0.0	3.5	8.0	12.7	18.3	24.3	31.5	38.7	45.6	53.2	60.8
65°	0.0	3.9	8.8	14.4	20.5	27.6	35.9	43.9	52.3	60.8	69.7
62.5°	0.0	4.2	9.6	16.0	22.7	31.2	40.2	49.5	58.9	68.5	79.7
60°	0.0	4.6	10.3	17.5	24.9	34.7	44.4	55.2	65.4	77.1	89.5
57.5°	0.0	4.9	11.3	19.0	27.6	38.1	49.0	60.7	72.5	85.5	98.9
55°	0.0	5.2	12.2	20.5	30.2	41.4	53.5	66.0	79.5	93.5	108.0
52.5°	0.0	5.5	13.1	21.9	32.8	44.7	57.9	71.7	86.3	101.3	116.7
50°	0.0	5.8	14.0	23.2	35.3	48.2	62.2	77.3	92.8	108.6	125.0
47.5°	0.0	6.1	14.9	24.6	37.6	51.6	66.4	82.7	99.0	115.7	133.2
45°	0.0	6.3	15.7	26.3	39.9	54.9	70.8	87.9	105.0	122.9	141.1
42.5°	0.0	6.6	16.5	27.9	42.1	58.0	75.1	92.9	110.7	129.8	148.9
40°	0.0	6.8	17.3	29.5	44.3	61.0	79.1	97.7	116.3	136.5	156.4
37.5°	0.0	7.0	18.1	31.1	46.6	63.8	83.0	102.2	121.8	142.8	163.8
35°	0.0	7.2	18.8	32.5	48.7	66.7	86.6	106.4	127.0	148.7	170.8
32.5°	0.0	7.4	19.4	33.9	50.7	69.5	90.0	110.4	131.8	154.3	176.9
30°	0.0	7.5	20.1	35.1	52.5	72.2	93.1	114.1	136.2	159.5	182.5
27.5°	0.0	7.6	20.7	36.3	54.3	74.6	96.1	117.7	140.2	164.2	187.5
25°	0.0	7.8	21.2	37.4	56.0	76.8	98.7	120.8	144.0	168.4	191.9
22.5°	0.0	7.9	21.7	38.4	57.5	78.8	101.1	123.7	147.5	172.0	195.8
20°	0.0	8.0	22.2	39.3	58.9	80.5	103.3	126.2	150.5	175.1	199.3
17.5°	0.0	8.0	22.6	40.1	60.1	82.0	105.1	128.3	153.2	177.7	202.3
15°	0.0	8.1	23.0	40.8	61.2	83.2	106.5	130.2	155.4	179.9	205.0
12.5°	0.0	8.1	23.3	41.4	62.1	84.1	107.7	131.9	157.3	181.5	207.2
10°	0.0	8.1	23.5	41.8	62.8	84.9	108.6	133.4	158.8	183.3	209.3
7.5°	0.0	8.1	23.7	42.2	63.4	85.3	109.2	134.5	159.8	184.8	211.8
5°	0.0	8.1	23.9	42.5	63.8	85.6	109.6	135.4	160.3	185.9	213.8
2.5°	0.0	8.1	24.0	42.6	64.0	85.6	109.6	135.9	160.4	186.6	215.3
0°	0.0	8.0	24.0	42.7	64.1	85.4	109.4	136.1	160.1	186.8	216.2
-2.5°	0.0	8.1	24.0	42.6	64.0	85.6	109.6	135.9	160.4	186.6	215.3
-5°	0.0	8.1	23.9	42.5	63.8	85.6	109.6	135.4	160.3	185.9	213.8
-7.5°	0.0	8.1	23.7	42.2	63.4	85.3	109.2	134.5	159.8	184.8	211.8
-10°	0.0	8.1	23.5	41.8	62.8	84.9	108.6	133.4	158.8	183.3	209.3
-12.5°	0.0	8.1	23.3	41.4	62.1	84.1	107.7	131.9	157.3	181.5	207.2
-15°	0.0	8.1	23.0	40.8	61.2	83.2	106.5	130.2	155.4	179.9	205.0
-17.5°	0.0	8.0	22.6	40.1	60.1	82.0	105.1	128.3	153.2	177.7	202.3
-20°	0.0	8.0	22.2	39.3	58.9	80.5	103.3	126.2	150.5	175.1	199.3

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**CANDELA DISTRIBUTION (continued):**

	-90°	-87.5°	-85°	-82.5°	-80°	-77.5°	-75°	-72.5°	-70°	-67.5°	-65°
-22.5°	0.0	7.9	21.7	38.4	57.5	78.8	101.1	123.7	147.5	172.0	195.8
-25°	0.0	7.8	21.2	37.4	56.0	76.8	98.7	120.8	144.0	168.4	191.9
-27.5°	0.0	7.6	20.7	36.3	54.3	74.6	96.1	117.7	140.2	164.2	187.5
-30°	0.0	7.5	20.1	35.1	52.5	72.2	93.1	114.1	136.2	159.5	182.5
-32.5°	0.0	7.4	19.4	33.9	50.7	69.5	90.0	110.4	131.8	154.3	176.9
-35°	0.0	7.2	18.8	32.5	48.7	66.7	86.6	106.4	127.0	148.7	170.8
-37.5°	0.0	7.0	18.1	31.1	46.6	63.8	83.0	102.2	121.8	142.8	163.8
-40°	0.0	6.8	17.3	29.5	44.3	61.0	79.1	97.7	116.3	136.5	156.4
-42.5°	0.0	6.6	16.5	27.9	42.1	58.0	75.1	92.9	110.7	129.8	148.9
-45°	0.0	6.3	15.7	26.3	39.9	54.9	70.8	87.9	105.0	122.9	141.1
-47.5°	0.0	6.1	14.9	24.6	37.6	51.6	66.4	82.7	99.0	115.7	133.2
-50°	0.0	5.8	14.0	23.2	35.3	48.2	62.2	77.3	92.8	108.6	125.0
-52.5°	0.0	5.5	13.1	21.9	32.8	44.7	57.9	71.7	86.3	101.3	116.7
-55°	0.0	5.2	12.2	20.5	30.2	41.4	53.5	66.0	79.5	93.5	108.0
-57.5°	0.0	4.9	11.3	19.0	27.6	38.1	49.0	60.7	72.5	85.5	98.9
-60°	0.0	4.6	10.3	17.5	24.9	34.7	44.4	55.2	65.4	77.1	89.5
-62.5°	0.0	4.2	9.6	16.0	22.7	31.2	40.2	49.5	58.9	68.5	79.7
-65°	0.0	3.9	8.8	14.4	20.5	27.6	35.9	43.9	52.3	60.8	69.7
-67.5°	0.0	3.5	8.0	12.7	18.3	24.3	31.5	38.7	45.6	53.2	60.8
-70°	0.0	3.2	7.2	11.0	15.9	21.3	27.1	33.5	39.5	45.6	52.3
-72.5°	0.0	2.8	6.4	9.6	13.6	18.2	23.1	28.1	33.5	38.7	43.9
-75°	0.0	2.4	5.5	8.3	11.1	15.0	19.2	23.3	27.3	31.8	36.3
-77.5°	0.0	2.0	4.6	6.9	9.2	11.8	15.2	18.6	21.9	25.1	28.6
-80°	0.0	1.6	3.7	5.6	7.4	9.2	11.2	13.9	16.5	19.1	21.6
-82.5°	0.0	1.2	2.8	4.2	5.6	6.9	8.3	9.6	11.1	13.0	14.9
-85°	0.0	0.8	1.9	2.8	3.7	4.6	5.5	6.4	7.3	8.2	9.0
-87.5°	0.0	0.4	0.9	1.4	1.9	2.3	2.8	3.2	3.7	4.1	4.5
-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°	4.9	5.3	5.7	6.1	6.5	6.9	7.2	7.6	7.9	8.2	8.5
85°	9.9	10.7	11.9	13.0	14.0	14.9	15.6	16.2	17.3	18.5	19.7
82.5°	16.8	18.6	20.4	22.2	23.4	24.3	25.2	26.6	29.0	31.2	33.3
80°	24.1	26.6	29.3	32.1	34.4	36.7	39.1	41.6	44.2	46.6	49.0
77.5°	32.2	35.8	39.3	42.6	46.0	49.6	53.1	56.5	59.7	62.8	65.7
75°	40.6	44.9	49.6	54.2	58.7	63.1	67.4	71.9	76.3	80.5	84.5
72.5°	49.5	55.2	60.7	66.1	72.0	77.7	83.2	88.6	93.8	99.2	105.0
70°	58.9	65.4	72.6	79.5	86.1	92.9	99.8	105.7	111.3	118.8	126.5
67.5°	68.6	77.4	85.5	93.3	102.1	110.1	117.1	124.6	132.6	141.3	148.8
65°	80.0	89.6	99.1	108.9	119.0	127.4	136.2	145.4	154.5	163.1	171.3
62.5°	91.3	102.1	113.0	123.8	134.1	144.2	154.7	165.0	175.0	185.0	193.9
60°	102.2	114.4	126.0	137.2	148.9	161.4	173.1	184.5	196.5	207.9	213.8
57.5°	112.7	125.8	137.8	150.5	164.2	178.3	190.6	203.6	213.8	221.6	229.3
55°	122.6	136.1	149.4	163.5	178.5	193.2	206.8	218.4	227.8	235.0	243.2
52.5°	131.8	146.1	160.5	176.0	191.9	207.5	221.8	232.6	241.1	248.5	256.2
50°	140.9	155.9	171.1	188.1	205.1	221.8	235.8	245.7	253.7	261.3	269.2
47.5°	149.8	165.6	181.9	200.1	218.5	234.6	247.9	256.9	265.0	273.9	282.5
45°	158.6	175.6	193.0	212.5	231.0	246.5	257.8	266.8	276.8	286.4	295.7
42.5°	167.1	185.5	204.3	224.5	242.4	256.4	266.9	277.6	288.4	298.6	309.0
40°	175.7	195.0	215.0	235.1	253.1	265.1	276.3	287.8	299.6	310.8	322.3
37.5°	184.0	204.0	224.5	244.8	261.2	273.4	285.0	297.7	310.2	322.3	337.4
35°	191.9	212.1	232.8	252.5	268.2	280.9	293.8	307.2	320.3	336.0	353.2
32.5°	198.9	219.4	240.5	258.7	274.1	287.8	302.2	316.2	332.0	349.8	370.4
30°	204.8	225.8	246.9	264.7	279.8	294.2	309.9	325.4	343.8	365.3	389.7
27.5°	210.0	231.6	252.1	269.9	285.3	299.6	316.1	335.6	356.8	380.8	409.6
25°	214.8	237.4	256.9	274.7	289.6	304.5	322.3	343.8	369.3	398.3	433.4
22.5°	219.4	243.0	261.9	279.2	292.9	309.1	329.1	352.6	380.3	414.2	457.0
20°	223.8	247.2	265.8	282.7	295.5	313.2	335.1	360.2	391.7	432.1	481.6
17.5°	227.9	250.7	268.9	284.8	298.8	317.4	340.5	366.4	401.6	448.4	504.2
15°	231.6	253.7	271.4	286.5	301.8	321.9	346.0	374.1	412.6	463.9	524.3
12.5°	234.8	256.1	273.3	287.8	304.2	325.6	351.0	382.2	424.3	479.2	549.7
10°	237.6	257.9	274.7	288.7	306.0	328.4	355.1	388.7	433.7	490.9	569.2
7.5°	240.0	259.4	275.6	289.2	307.2	330.3	358.3	393.7	440.3	499.3	583.3
5°	241.6	260.6	276.7	290.9	309.0	331.9	360.7	397.1	444.2	504.3	592.1
2.5°	242.6	261.3	277.4	292.4	310.9	333.2	362.4	400.8	447.3	509.2	598.8
0°	242.9	261.5	277.6	293.6	312.2	333.6	363.0	403.0	448.4	512.4	603.1
-2.5°	242.6	261.3	277.4	292.4	310.9	333.2	362.4	400.8	447.3	509.2	598.8
-5°	241.6	260.6	276.7	290.9	309.0	331.9	360.7	397.1	444.2	504.3	592.1
-7.5°	240.0	259.4	275.6	289.2	307.2	330.3	358.3	393.7	440.3	499.3	583.3
-10°	237.6	257.9	274.7	288.7	306.0	328.4	355.1	388.7	433.7	490.9	569.2
-12.5°	234.8	256.1	273.3	287.8	304.2	325.6	351.0	382.2	424.3	479.2	549.7
-15°	231.6	253.7	271.4	286.5	301.8	321.9	346.0	374.1	412.6	463.9	524.3
-17.5°	227.9	250.7	268.9	284.8	298.8	317.4	340.5	366.4	401.6	448.4	504.2
-20°	223.8	247.2	265.8	282.7	295.5	313.2	335.1	360.2	391.7	432.1	481.6

Classified

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

Scaled Data Report



REPORT NUMBER: P627129 (CONVERTED FROM TYPE C PHOTOMETRY)  
CATALOG NUMBER: GFLD-SA3C-722-U-NR-XX

**CANDELA DISTRIBUTION (continued):**

	-62.5°	-60°	-57.5°	-55°	-52.5°	-50°	-47.5°	-45°	-42.5°	-40°	-37.5°
-22.5°	219.4	243.0	261.9	279.2	292.9	309.1	329.1	352.6	380.3	414.2	457.0
-25°	214.8	237.4	256.9	274.7	289.6	304.5	322.3	343.8	369.3	398.3	433.4
-27.5°	210.0	231.6	252.1	269.9	285.3	299.6	316.1	335.6	356.8	380.8	409.6
-30°	204.8	225.8	246.9	264.7	279.8	294.2	309.9	325.4	343.8	365.3	389.7
-32.5°	198.9	219.4	240.5	258.7	274.1	287.8	302.2	316.2	332.0	349.8	370.4
-35°	191.9	212.1	232.8	252.5	268.2	280.9	293.8	307.2	320.3	336.0	353.2
-37.5°	184.0	204.0	224.5	244.8	261.2	273.4	285.0	297.7	310.2	322.3	337.4
-40°	175.7	195.0	215.0	235.1	253.1	265.1	276.3	287.8	299.6	310.8	322.3
-42.5°	167.1	185.5	204.3	224.5	242.4	256.4	266.9	277.6	288.4	298.6	309.0
-45°	158.6	175.6	193.0	212.5	231.0	246.5	257.8	266.8	276.8	286.4	295.7
-47.5°	149.8	165.6	181.9	200.1	218.5	234.6	247.9	256.9	265.0	273.9	282.5
-50°	140.9	155.9	171.1	188.1	205.1	221.8	235.8	245.7	253.7	261.3	269.2
-52.5°	131.8	146.1	160.5	176.0	191.9	207.5	221.8	232.6	241.1	248.5	256.2
-55°	122.6	136.1	149.4	163.5	178.5	193.2	206.8	218.4	227.8	235.0	243.2
-57.5°	112.7	125.8	137.8	150.5	164.2	178.3	190.6	203.6	213.8	221.6	229.3
-60°	102.2	114.4	126.0	137.2	148.9	161.4	173.1	184.5	196.5	207.9	213.8
-62.5°	91.3	102.1	113.0	123.8	134.1	144.2	154.7	165.0	175.0	185.0	193.9
-65°	80.0	89.6	99.1	108.9	119.0	127.4	136.2	145.4	154.5	163.1	171.3
-67.5°	68.6	77.4	85.5	93.3	102.1	110.1	117.1	124.6	132.6	141.3	148.8
-70°	58.9	65.4	72.6	79.5	86.1	92.9	99.8	105.7	111.3	118.8	126.5
-72.5°	49.5	55.2	60.7	66.1	72.0	77.7	83.2	88.6	93.8	99.2	105.0
-75°	40.6	44.9	49.6	54.2	58.7	63.1	67.4	71.9	76.3	80.5	84.5
-77.5°	32.2	35.8	39.3	42.6	46.0	49.6	53.1	56.5	59.7	62.8	65.7
-80°	24.1	26.6	29.3	32.1	34.4	36.7	39.1	41.6	44.2	46.6	49.0
-82.5°	16.8	18.6	20.4	22.2	23.4	24.3	25.2	26.6	29.0	31.2	33.3
-85°	9.9	10.7	11.9	13.0	14.0	14.9	15.6	16.2	17.3	18.5	19.7
-87.5°	4.9	5.3	5.7	6.1	6.5	6.9	7.2	7.6	7.9	8.2	8.5
-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: P627129 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: GFLD-SA3C-722-U-NR-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°	8.8	9.0	9.3	9.5	9.7	9.9	10.1	10.2	10.3	9.8	9.2
85°	20.9	21.7	22.4	23.1	23.7	24.3	24.8	25.2	25.6	25.3	24.9
82.5°	35.2	36.6	37.8	39.0	40.1	41.1	42.0	42.8	43.5	43.4	43.2
80°	51.2	53.5	55.8	58.0	60.3	61.6	62.6	63.3	63.8	64.1	64.1
77.5°	68.7	72.3	76.0	79.6	83.2	85.2	86.7	87.9	88.9	89.1	88.9
75°	88.2	92.8	97.8	102.3	106.1	108.4	110.1	111.4	112.5	112.8	112.7
72.5°	110.9	116.6	121.1	124.8	128.0	130.5	132.6	134.3	135.7	136.3	136.4
70°	133.2	138.8	143.1	146.9	150.0	152.6	155.1	157.2	158.9	160.2	161.1
67.5°	155.8	162.2	166.5	170.0	172.7	175.4	178.7	181.5	183.9	185.5	186.3
65°	179.0	185.5	189.8	193.5	196.8	200.3	204.0	206.6	208.4	209.5	210.2
62.5°	201.4	207.6	212.9	217.9	222.7	226.6	229.1	231.3	233.3	234.9	236.0
60°	220.7	228.5	234.5	239.3	244.0	248.5	251.5	253.9	255.8	257.2	258.1
57.5°	237.2	245.2	252.2	256.8	261.9	267.2	270.8	272.8	274.7	276.3	277.1
55°	251.6	258.9	265.5	271.8	277.4	282.3	286.1	288.8	291.1	292.9	293.5
52.5°	264.5	272.6	280.2	286.9	292.5	297.1	300.8	304.2	306.8	308.5	309.3
50°	278.1	286.8	294.9	302.2	308.0	313.2	317.9	321.9	325.7	328.7	330.8
47.5°	291.5	300.7	309.7	317.8	324.7	332.2	339.0	344.7	350.2	354.7	357.9
45°	305.0	315.6	325.4	335.8	345.1	355.0	364.1	372.0	380.1	386.2	390.4
42.5°	320.0	332.0	343.8	356.8	369.5	382.3	396.2	408.6	418.1	427.1	434.3
40°	336.0	349.8	365.3	381.2	399.8	416.7	435.4	451.4	465.8	481.1	493.3
37.5°	353.2	370.4	390.7	411.9	436.0	459.2	483.6	507.5	528.3	553.0	571.7
35°	372.1	395.1	420.0	448.8	478.9	512.1	545.4	583.8	616.9	653.3	685.0
32.5°	394.5	422.0	454.7	492.6	531.3	581.7	628.7	689.9	742.8	800.6	858.8
30°	417.6	453.4	495.7	543.5	604.9	674.2	751.4	842.4	936.3	1027.1	1136.7
27.5°	446.2	489.4	540.6	610.4	700.8	794.4	927.2	1063.9	1236.4	1379.2	1580.4
25°	475.9	526.8	599.5	694.4	812.4	974.9	1176.4	1394.9	1698.4	1965.1	2277.9
22.5°	508.1	576.9	667.4	784.6	963.4	1212.9	1518.0	1929.2	2376.9	2852.3	3325.2
20°	541.8	625.0	743.6	913.5	1158.8	1496.7	2020.6	2655.3	3295.0	4079.4	4773.9
17.5°	580.8	686.6	832.8	1045.2	1372.7	1890.3	2616.9	3503.1	4495.5	5623.3	6624.7
15°	613.2	739.5	924.0	1221.2	1671.6	2336.2	3252.6	4471.7	5963.0	7477.7	9014.4
12.5°	650.9	797.0	1013.7	1368.1	1933.8	2817.0	4064.4	5607.4	7469.9	9570.8	12047.5
10°	684.4	853.4	1122.8	1561.5	2252.8	3318.4	4832.3	6688.7	9092.2	12114.9	15950.3
7.5°	709.2	898.3	1207.1	1708.7	2528.6	3800.5	5557.8	7872.7	10926.8	14918.3	20182.0
5°	725.3	930.8	1266.6	1822.2	2744.5	4159.3	6089.6	8712.5	12397.0	18042.3	26955.8
2.5°	734.9	950.0	1300.6	1888.8	2875.8	4397.1	6494.1	9347.5	13349.8	19972.9	31312.5
0°	739.2	955.4	1321.0	1924.2	2919.6	4488.9	6679.9	9636.9	13776.2	20424.1	32078.6
-2.5°	734.9	950.0	1300.6	1888.8	2875.8	4397.1	6494.1	9347.5	13349.8	19972.9	31312.5
-5°	725.3	930.8	1266.6	1822.2	2744.5	4159.3	6089.6	8712.5	12397.0	18042.3	26955.8
-7.5°	709.2	898.3	1207.1	1708.7	2528.6	3800.5	5557.8	7872.7	10926.8	14918.3	20182.0
-10°	684.4	853.4	1122.8	1561.5	2252.8	3318.4	4832.3	6688.7	9092.2	12114.9	15950.3
-12.5°	650.9	797.0	1013.7	1368.1	1933.8	2817.0	4064.4	5607.4	7469.9	9570.8	12047.5
-15°	613.2	739.5	924.0	1221.2	1671.6	2336.2	3252.6	4471.7	5963.0	7477.7	9014.4
-17.5°	580.8	686.6	832.8	1045.2	1372.7	1890.3	2616.9	3503.1	4495.5	5623.3	6624.7
-20°	541.8	625.0	743.6	913.5	1158.8	1496.7	2020.6	2655.3	3295.0	4079.4	4773.9

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Peachtree City, GA 30269

Scaled Data Report



REPORT NUMBER: P627129 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA3C-722-U-NR-XX

**CANDELA DISTRIBUTION (continued):**

	-35°	-32.5°	-30°	-27.5°	-25°	-22.5°	-20°	-17.5°	-15°	-12.5°	-10°
-22.5°	508.1	576.9	667.4	784.6	963.4	1212.9	1518.0	1929.2	2376.9	2852.3	3325.2
-25°	475.9	526.8	599.5	694.4	812.4	974.9	1176.4	1394.9	1698.4	1965.1	2277.9
-27.5°	446.2	489.4	540.6	610.4	700.8	794.4	927.2	1063.9	1236.4	1379.2	1580.4
-30°	417.6	453.4	495.7	543.5	604.9	674.2	751.4	842.4	936.3	1027.1	1136.7
-32.5°	394.5	422.0	454.7	492.6	531.3	581.7	628.7	689.9	742.8	800.6	858.8
-35°	372.1	395.1	420.0	448.8	478.9	512.1	545.4	583.8	616.9	653.3	685.0
-37.5°	353.2	370.4	390.7	411.9	436.0	459.2	483.6	507.5	528.3	553.0	571.7
-40°	336.0	349.8	365.3	381.2	399.8	416.7	435.4	451.4	465.8	481.1	493.3
-42.5°	320.0	332.0	343.8	356.8	369.5	382.3	396.2	408.6	418.1	427.1	434.3
-45°	305.0	315.6	325.4	335.8	345.1	355.0	364.1	372.0	380.1	386.2	390.4
-47.5°	291.5	300.7	309.7	317.8	324.7	332.2	339.0	344.7	350.2	354.7	357.9
-50°	278.1	286.8	294.9	302.2	308.0	313.2	317.9	321.9	325.7	328.7	330.8
-52.5°	264.5	272.6	280.2	286.9	292.5	297.1	300.8	304.2	306.8	308.5	309.3
-55°	251.6	258.9	265.5	271.8	277.4	282.3	286.1	288.8	291.1	292.9	293.5
-57.5°	237.2	245.2	252.2	256.8	261.9	267.2	270.8	272.8	274.7	276.3	277.1
-60°	220.7	228.5	234.5	239.3	244.0	248.5	251.5	253.9	255.8	257.2	258.1
-62.5°	201.4	207.6	212.9	217.9	222.7	226.6	229.1	231.3	233.3	234.9	236.0
-65°	179.0	185.5	189.8	193.5	196.8	200.3	204.0	206.6	208.4	209.5	210.2
-67.5°	155.8	162.2	166.5	170.0	172.7	175.4	178.7	181.5	183.9	185.5	186.3
-70°	133.2	138.8	143.1	146.9	150.0	152.6	155.1	157.2	158.9	160.2	161.1
-72.5°	110.9	116.6	121.1	124.8	128.0	130.5	132.6	134.3	135.7	136.3	136.4
-75°	88.2	92.8	97.8	102.3	106.1	108.4	110.1	111.4	112.5	112.8	112.7
-77.5°	68.7	72.3	76.0	79.6	83.2	85.2	86.7	87.9	88.9	89.1	88.9
-80°	51.2	53.5	55.8	58.0	60.3	61.6	62.6	63.3	63.8	64.1	64.1
-82.5°	35.2	36.6	37.8	39.0	40.1	41.1	42.0	42.8	43.5	43.4	43.2
-85°	20.9	21.7	22.4	23.1	23.7	24.3	24.8	25.2	25.6	25.3	24.9
-87.5°	8.8	9.0	9.3	9.5	9.7	9.9	10.1	10.2	10.3	9.8	9.2
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



REPORT NUMBER: P627129 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: GFLD-SA3C-722-U-NR-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°	8.6	8.0	8.0	8.0	8.0	8.0	8.6	9.2	9.8	10.3	10.2
85°	24.4	23.9	24.0	24.0	24.0	23.9	24.4	24.9	25.3	25.6	25.2
82.5°	42.9	42.5	42.6	42.7	42.6	42.5	42.9	43.2	43.4	43.5	42.8
80°	64.0	63.8	62.7	61.4	62.7	63.8	64.0	64.1	64.1	63.8	63.3
77.5°	88.4	87.7	86.7	85.4	86.7	87.7	88.4	88.9	89.1	88.9	87.9
75°	112.3	111.6	112.0	112.1	112.0	111.6	112.3	112.7	112.8	112.5	111.4
72.5°	136.1	135.6	135.9	136.1	135.9	135.6	136.1	136.4	136.3	135.7	134.3
70°	161.8	162.0	161.3	160.1	161.3	162.0	161.8	161.1	160.2	158.9	157.2
67.5°	186.5	186.2	185.3	184.1	185.3	186.2	186.5	186.3	185.5	183.9	181.5
65°	210.4	210.1	210.5	210.8	210.5	210.1	210.4	210.2	209.5	208.4	206.6
62.5°	236.6	236.6	236.1	234.9	236.1	236.6	236.6	236.0	234.9	233.3	231.3
60°	258.4	258.2	257.5	256.2	257.5	258.2	258.4	258.1	257.2	255.8	253.9
57.5°	277.3	277.1	276.2	274.9	276.2	277.1	277.3	277.1	276.3	274.7	272.8
55°	293.6	293.2	292.3	290.9	292.3	293.2	293.6	293.5	292.9	291.1	288.8
52.5°	309.5	309.2	309.3	309.6	309.3	309.2	309.5	309.3	308.5	306.8	304.2
50°	332.2	332.6	332.2	330.9	332.2	332.6	332.2	330.8	328.7	325.7	321.9
47.5°	359.4	359.5	358.9	357.6	358.9	359.5	359.4	357.9	354.7	350.2	344.7
45°	393.6	395.5	396.0	395.0	396.0	395.5	393.6	390.4	386.2	380.1	372.0
42.5°	439.9	443.0	443.9	443.0	443.9	443.0	439.9	434.3	427.1	418.1	408.6
40°	500.8	504.2	504.9	504.4	504.9	504.2	500.8	493.3	481.1	465.8	451.4
37.5°	584.9	593.4	597.4	597.8	597.4	593.4	584.9	571.7	553.0	528.3	507.5
35°	709.2	725.9	734.9	739.2	734.9	725.9	709.2	685.0	653.3	616.9	583.8
32.5°	902.8	936.4	955.0	952.7	955.0	936.4	902.8	858.8	800.6	742.8	689.9
30°	1219.3	1278.0	1307.5	1299.7	1307.5	1278.0	1219.3	1136.7	1027.1	936.3	842.4
27.5°	1724.9	1830.9	1892.3	1884.1	1892.3	1830.9	1724.9	1580.4	1379.2	1236.4	1063.9
25°	2539.4	2733.0	2856.9	2826.2	2856.9	2733.0	2539.4	2277.9	1965.1	1698.4	1394.9
22.5°	3778.5	4106.4	4323.5	4296.7	4323.5	4106.4	3778.5	3325.2	2852.3	2376.9	1929.2
20°	5478.2	5977.4	6333.8	6381.0	6333.8	5977.4	5478.2	4773.9	4079.4	3295.0	2655.3
17.5°	7706.3	8497.7	9048.6	9140.5	9048.6	8497.7	7706.3	6624.7	5623.3	4495.5	3503.1
15°	10601.9	11895.4	12831.5	12908.8	12831.5	11895.4	10601.9	9014.4	7477.7	5963.0	4471.7
12.5°	14533.7	17135.3	18833.3	19580.7	18833.3	17135.3	14533.7	12047.5	9570.8	7469.9	5607.4
10°	19975.2	25950.9	29777.8	31216.5	29777.8	25950.9	19975.2	15950.3	12114.9	9092.2	6688.7
7.5°	29064.0	38446.0	48876.4	53321.9	48876.4	38446.0	29064.0	20182.0	14918.3	10926.8	7872.7
5°	39356.4	58827.9	77348.8	84581.2	77348.8	58827.9	39356.4	26955.8	18042.3	12397.0	8712.5
2.5°	50186.7	77327.1	102759.8	112706.0	102759.8	77327.1	50186.7	31312.5	19972.9	13349.8	9347.5
0°	54416.1	85427.2	113409.2	124561.9	113409.2	85427.2	54416.1	32078.6	20424.1	13776.2	9636.9
-2.5°	50186.7	77327.1	102759.8	112706.0	102759.8	77327.1	50186.7	31312.5	19972.9	13349.8	9347.5
-5°	39356.4	58827.9	77348.8	84581.2	77348.8	58827.9	39356.4	26955.8	18042.3	12397.0	8712.5
-7.5°	29064.0	38446.0	48876.4	53321.9	48876.4	38446.0	29064.0	20182.0	14918.3	10926.8	7872.7
-10°	19975.2	25950.9	29777.8	31216.5	29777.8	25950.9	19975.2	15950.3	12114.9	9092.2	6688.7
-12.5°	14533.7	17135.3	18833.3	19580.7	18833.3	17135.3	14533.7	12047.5	9570.8	7469.9	5607.4
-15°	10601.9	11895.4	12831.5	12908.8	12831.5	11895.4	10601.9	9014.4	7477.7	5963.0	4471.7
-17.5°	7706.3	8497.7	9048.6	9140.5	9048.6	8497.7	7706.3	6624.7	5623.3	4495.5	3503.1
-20°	5478.2	5977.4	6333.8	6381.0	6333.8	5977.4	5478.2	4773.9	4079.4	3295.0	2655.3



REPORT NUMBER: P627129 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA3C-722-U-NR-XX

**CANDELA DISTRIBUTION (continued):**

	-7.5°	-5°	-2.5°	0°	2.5°	5°	7.5°	10°	12.5°	15°	17.5°
-22.5°	3778.5	4106.4	4323.5	4296.7	4323.5	4106.4	3778.5	3325.2	2852.3	2376.9	1929.2
-25°	2539.4	2733.0	2856.9	2826.2	2856.9	2733.0	2539.4	2277.9	1965.1	1698.4	1394.9
-27.5°	1724.9	1830.9	1892.3	1884.1	1892.3	1830.9	1724.9	1580.4	1379.2	1236.4	1063.9
-30°	1219.3	1278.0	1307.5	1299.7	1307.5	1278.0	1219.3	1136.7	1027.1	936.3	842.4
-32.5°	902.8	936.4	955.0	952.7	955.0	936.4	902.8	858.8	800.6	742.8	689.9
-35°	709.2	725.9	734.9	739.2	734.9	725.9	709.2	685.0	653.3	616.9	583.8
-37.5°	584.9	593.4	597.4	597.8	597.4	593.4	584.9	571.7	553.0	528.3	507.5
-40°	500.8	504.2	504.9	504.4	504.9	504.2	500.8	493.3	481.1	465.8	451.4
-42.5°	439.9	443.0	443.9	443.0	443.9	443.0	439.9	434.3	427.1	418.1	408.6
-45°	393.6	395.5	396.0	395.0	396.0	395.5	393.6	390.4	386.2	380.1	372.0
-47.5°	359.4	359.5	358.9	357.6	358.9	359.5	359.4	357.9	354.7	350.2	344.7
-50°	332.2	332.6	332.2	330.9	332.2	332.6	332.2	330.8	328.7	325.7	321.9
-52.5°	309.5	309.2	309.3	309.6	309.3	309.2	309.5	309.3	308.5	306.8	304.2
-55°	293.6	293.2	292.3	290.9	292.3	293.2	293.6	293.5	292.9	291.1	288.8
-57.5°	277.3	277.1	276.2	274.9	276.2	277.1	277.3	277.1	276.3	274.7	272.8
-60°	258.4	258.2	257.5	256.2	257.5	258.2	258.4	258.1	257.2	255.8	253.9
-62.5°	236.6	236.6	236.1	234.9	236.1	236.6	236.6	236.0	234.9	233.3	231.3
-65°	210.4	210.1	210.5	210.8	210.5	210.1	210.4	210.2	209.5	208.4	206.6
-67.5°	186.5	186.2	185.3	184.1	185.3	186.2	186.5	186.3	185.5	183.9	181.5
-70°	161.8	162.0	161.3	160.1	161.3	162.0	161.8	161.1	160.2	158.9	157.2
-72.5°	136.1	135.6	135.9	136.1	135.9	135.6	136.1	136.4	136.3	135.7	134.3
-75°	112.3	111.6	112.0	112.1	112.0	111.6	112.3	112.7	112.8	112.5	111.4
-77.5°	88.4	87.7	86.7	85.4	86.7	87.7	88.4	88.9	89.1	88.9	87.9
-80°	64.0	63.8	62.7	61.4	62.7	63.8	64.0	64.1	64.1	63.8	63.3
-82.5°	42.9	42.5	42.6	42.7	42.6	42.5	42.9	43.2	43.4	43.5	42.8
-85°	24.4	23.9	24.0	24.0	24.0	23.9	24.4	24.9	25.3	25.6	25.2
-87.5°	8.6	8.0	8.0	8.0	8.0	8.0	8.6	9.2	9.8	10.3	10.2
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



REPORT NUMBER: P627129 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA3C-722-U-NR-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°	10.1	9.9	9.7	9.5	9.3	9.0	8.8	8.5	8.2	7.9	7.6
85°	24.8	24.3	23.7	23.1	22.4	21.7	20.9	19.7	18.5	17.3	16.2
82.5°	42.0	41.1	40.1	39.0	37.8	36.6	35.2	33.3	31.2	29.0	26.6
80°	62.6	61.6	60.3	58.0	55.8	53.5	51.2	49.0	46.6	44.2	41.6
77.5°	86.7	85.2	83.2	79.6	76.0	72.3	68.7	65.7	62.8	59.7	56.5
75°	110.1	108.4	106.1	102.3	97.8	92.8	88.2	84.5	80.5	76.3	71.9
72.5°	132.6	130.5	128.0	124.8	121.1	116.6	110.9	105.0	99.2	93.8	88.6
70°	155.1	152.6	150.0	146.9	143.1	138.8	133.2	126.5	118.8	111.3	105.7
67.5°	178.7	175.4	172.7	170.0	166.5	162.2	155.8	148.8	141.3	132.6	124.6
65°	204.0	200.3	196.8	193.5	189.8	185.5	179.0	171.3	163.1	154.5	145.4
62.5°	229.1	226.6	222.7	217.9	212.9	207.6	201.4	193.9	185.0	175.0	165.0
60°	251.5	248.5	244.0	239.3	234.5	228.5	220.7	213.8	207.9	196.5	184.5
57.5°	270.8	267.2	261.9	256.8	252.2	245.2	237.2	229.3	221.6	213.8	203.6
55°	286.1	282.3	277.4	271.8	265.5	258.9	251.6	243.2	235.0	227.8	218.4
52.5°	300.8	297.1	292.5	286.9	280.2	272.6	264.5	256.2	248.5	241.1	232.6
50°	317.9	313.2	308.0	302.2	294.9	286.8	278.1	269.2	261.3	253.7	245.7
47.5°	339.0	332.2	324.7	317.8	309.7	300.7	291.5	282.5	273.9	265.0	256.9
45°	364.1	355.0	345.1	335.8	325.4	315.6	305.0	295.7	286.4	276.8	266.8
42.5°	396.2	382.3	369.5	356.8	343.8	332.0	320.0	309.0	298.6	288.4	277.6
40°	435.4	416.7	399.8	381.2	365.3	349.8	336.0	322.3	310.8	299.6	287.8
37.5°	483.6	459.2	436.0	411.9	390.7	370.4	353.2	337.4	322.3	310.2	297.7
35°	545.4	512.1	478.9	448.8	420.0	395.1	372.1	353.2	336.0	320.3	307.2
32.5°	628.7	581.7	531.3	492.6	454.7	422.0	394.5	370.4	349.8	332.0	316.2
30°	751.4	674.2	604.9	543.5	495.7	453.4	417.6	389.7	365.3	343.8	325.4
27.5°	927.2	794.4	700.8	610.4	540.6	489.4	446.2	409.6	380.8	356.8	335.6
25°	1176.4	974.9	812.4	694.4	599.5	526.8	475.9	433.4	398.3	369.3	343.8
22.5°	1518.0	1212.9	963.4	784.6	667.4	576.9	508.1	457.0	414.2	380.3	352.6
20°	2020.6	1496.7	1158.8	913.5	743.6	625.0	541.8	481.6	432.1	391.7	360.2
17.5°	2616.9	1890.3	1372.7	1045.2	832.8	686.6	580.8	504.2	448.4	401.6	366.4
15°	3252.6	2336.2	1671.6	1221.2	924.0	739.5	613.2	524.3	463.9	412.6	374.1
12.5°	4064.4	2817.0	1933.8	1368.1	1013.7	797.0	650.9	549.7	479.2	424.3	382.2
10°	4832.3	3318.4	2252.8	1561.5	1122.8	853.4	684.4	569.2	490.9	433.7	388.7
7.5°	5557.8	3800.5	2528.6	1708.7	1207.1	898.3	709.2	583.3	499.3	440.3	393.7
5°	6089.6	4159.3	2744.5	1822.2	1266.6	930.8	725.3	592.1	504.3	444.2	397.1
2.5°	6494.1	4397.1	2875.8	1888.8	1300.6	950.0	734.9	598.8	509.2	447.3	400.8
0°	6679.9	4488.9	2919.6	1924.2	1321.0	955.4	739.2	603.1	512.4	448.4	403.0
-2.5°	6494.1	4397.1	2875.8	1888.8	1300.6	950.0	734.9	598.8	509.2	447.3	400.8
-5°	6089.6	4159.3	2744.5	1822.2	1266.6	930.8	725.3	592.1	504.3	444.2	397.1
-7.5°	5557.8	3800.5	2528.6	1708.7	1207.1	898.3	709.2	583.3	499.3	440.3	393.7
-10°	4832.3	3318.4	2252.8	1561.5	1122.8	853.4	684.4	569.2	490.9	433.7	388.7
-12.5°	4064.4	2817.0	1933.8	1368.1	1013.7	797.0	650.9	549.7	479.2	424.3	382.2
-15°	3252.6	2336.2	1671.6	1221.2	924.0	739.5	613.2	524.3	463.9	412.6	374.1
-17.5°	2616.9	1890.3	1372.7	1045.2	832.8	686.6	580.8	504.2	448.4	401.6	366.4
-20°	2020.6	1496.7	1158.8	913.5	743.6	625.0	541.8	481.6	432.1	391.7	360.2



Classified

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

Scaled Data Report



REPORT NUMBER: P627129 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA3C-722-U-NR-XX

**CANDELA DISTRIBUTION (continued):**

	20°	22.5°	25°	27.5°	30°	32.5°	35°	37.5°	40°	42.5°	45°
-22.5°	1518.0	1212.9	963.4	784.6	667.4	576.9	508.1	457.0	414.2	380.3	352.6
-25°	1176.4	974.9	812.4	694.4	599.5	526.8	475.9	433.4	398.3	369.3	343.8
-27.5°	927.2	794.4	700.8	610.4	540.6	489.4	446.2	409.6	380.8	356.8	335.6
-30°	751.4	674.2	604.9	543.5	495.7	453.4	417.6	389.7	365.3	343.8	325.4
-32.5°	628.7	581.7	531.3	492.6	454.7	422.0	394.5	370.4	349.8	332.0	316.2
-35°	545.4	512.1	478.9	448.8	420.0	395.1	372.1	353.2	336.0	320.3	307.2
-37.5°	483.6	459.2	436.0	411.9	390.7	370.4	353.2	337.4	322.3	310.2	297.7
-40°	435.4	416.7	399.8	381.2	365.3	349.8	336.0	322.3	310.8	299.6	287.8
-42.5°	396.2	382.3	369.5	356.8	343.8	332.0	320.0	309.0	298.6	288.4	277.6
-45°	364.1	355.0	345.1	335.8	325.4	315.6	305.0	295.7	286.4	276.8	266.8
-47.5°	339.0	332.2	324.7	317.8	309.7	300.7	291.5	282.5	273.9	265.0	256.9
-50°	317.9	313.2	308.0	302.2	294.9	286.8	278.1	269.2	261.3	253.7	245.7
-52.5°	300.8	297.1	292.5	286.9	280.2	272.6	264.5	256.2	248.5	241.1	232.6
-55°	286.1	282.3	277.4	271.8	265.5	258.9	251.6	243.2	235.0	227.8	218.4
-57.5°	270.8	267.2	261.9	256.8	252.2	245.2	237.2	229.3	221.6	213.8	203.6
-60°	251.5	248.5	244.0	239.3	234.5	228.5	220.7	213.8	207.9	196.5	184.5
-62.5°	229.1	226.6	222.7	217.9	212.9	207.6	201.4	193.9	185.0	175.0	165.0
-65°	204.0	200.3	196.8	193.5	189.8	185.5	179.0	171.3	163.1	154.5	145.4
-67.5°	178.7	175.4	172.7	170.0	166.5	162.2	155.8	148.8	141.3	132.6	124.6
-70°	155.1	152.6	150.0	146.9	143.1	138.8	133.2	126.5	118.8	111.3	105.7
-72.5°	132.6	130.5	128.0	124.8	121.1	116.6	110.9	105.0	99.2	93.8	88.6
-75°	110.1	108.4	106.1	102.3	97.8	92.8	88.2	84.5	80.5	76.3	71.9
-77.5°	86.7	85.2	83.2	79.6	76.0	72.3	68.7	65.7	62.8	59.7	56.5
-80°	62.6	61.6	60.3	58.0	55.8	53.5	51.2	49.0	46.6	44.2	41.6
-82.5°	42.0	41.1	40.1	39.0	37.8	36.6	35.2	33.3	31.2	29.0	26.6
-85°	24.8	24.3	23.7	23.1	22.4	21.7	20.9	19.7	18.5	17.3	16.2
-87.5°	10.1	9.9	9.7	9.5	9.3	9.0	8.8	8.5	8.2	7.9	7.6
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0





REPORT NUMBER: P627129 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: GFLD-SA3C-722-U-NR-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°	7.2	6.9	6.5	6.1	5.7	5.3	4.9	4.5	4.1	3.7	3.2
85°	15.6	14.9	14.0	13.0	11.9	10.7	9.9	9.0	8.2	7.3	6.4
82.5°	25.2	24.3	23.4	22.2	20.4	18.6	16.8	14.9	13.0	11.1	9.6
80°	39.1	36.7	34.4	32.1	29.3	26.6	24.1	21.6	19.1	16.5	13.9
77.5°	53.1	49.6	46.0	42.6	39.3	35.8	32.2	28.6	25.1	21.9	18.6
75°	67.4	63.1	58.7	54.2	49.6	44.9	40.6	36.3	31.8	27.3	23.3
72.5°	83.2	77.7	72.0	66.1	60.7	55.2	49.5	43.9	38.7	33.5	28.1
70°	99.8	92.9	86.1	79.5	72.6	65.4	58.9	52.3	45.6	39.5	33.5
67.5°	117.1	110.1	102.1	93.3	85.5	77.4	68.6	60.8	53.2	45.6	38.7
65°	136.2	127.4	119.0	108.9	99.1	89.6	80.0	69.7	60.8	52.3	43.9
62.5°	154.7	144.2	134.1	123.8	113.0	102.1	91.3	79.7	68.5	58.9	49.5
60°	173.1	161.4	148.9	137.2	126.0	114.4	102.2	89.5	77.1	65.4	55.2
57.5°	190.6	178.3	164.2	150.5	137.8	125.8	112.7	98.9	85.5	72.5	60.7
55°	206.8	193.2	178.5	163.5	149.4	136.1	122.6	108.0	93.5	79.5	66.0
52.5°	221.8	207.5	191.9	176.0	160.5	146.1	131.8	116.7	101.3	86.3	71.7
50°	235.8	221.8	205.1	188.1	171.1	155.9	140.9	125.0	108.6	92.8	77.3
47.5°	247.9	234.6	218.5	200.1	181.9	165.6	149.8	133.2	115.7	99.0	82.7
45°	257.8	246.5	231.0	212.5	193.0	175.6	158.6	141.1	122.9	105.0	87.9
42.5°	266.9	256.4	242.4	224.5	204.3	185.5	167.1	148.9	129.8	110.7	92.9
40°	276.3	265.1	253.1	235.1	215.0	195.0	175.7	156.4	136.5	116.3	97.7
37.5°	285.0	273.4	261.2	244.8	224.5	204.0	184.0	163.8	142.8	121.8	102.2
35°	293.8	280.9	268.2	252.5	232.8	212.1	191.9	170.8	148.7	127.0	106.4
32.5°	302.2	287.8	274.1	258.7	240.5	219.4	198.9	176.9	154.3	131.8	110.4
30°	309.9	294.2	279.8	264.7	246.9	225.8	204.8	182.5	159.5	136.2	114.1
27.5°	316.1	299.6	285.3	269.9	252.1	231.6	210.0	187.5	164.2	140.2	117.7
25°	322.3	304.5	289.6	274.7	256.9	237.4	214.8	191.9	168.4	144.0	120.8
22.5°	329.1	309.1	292.9	279.2	261.9	243.0	219.4	195.8	172.0	147.5	123.7
20°	335.1	313.2	295.5	282.7	265.8	247.2	223.8	199.3	175.1	150.5	126.2
17.5°	340.5	317.4	298.8	284.8	268.9	250.7	227.9	202.3	177.7	153.2	128.3
15°	346.0	321.9	301.8	286.5	271.4	253.7	231.6	205.0	179.9	155.4	130.2
12.5°	351.0	325.6	304.2	287.8	273.3	256.1	234.8	207.2	181.5	157.3	131.9
10°	355.1	328.4	306.0	288.7	274.7	257.9	237.6	209.3	183.3	158.8	133.4
7.5°	358.3	330.3	307.2	289.2	275.6	259.4	240.0	211.8	184.8	159.8	134.5
5°	360.7	331.9	309.0	290.9	276.7	260.6	241.6	213.8	185.9	160.3	135.4
2.5°	362.4	333.2	310.9	292.4	277.4	261.3	242.6	215.3	186.6	160.4	135.9
0°	363.0	333.6	312.2	293.6	277.6	261.5	242.9	216.2	186.8	160.1	136.1
-2.5°	362.4	333.2	310.9	292.4	277.4	261.3	242.6	215.3	186.6	160.4	135.9
-5°	360.7	331.9	309.0	290.9	276.7	260.6	241.6	213.8	185.9	160.3	135.4
-7.5°	358.3	330.3	307.2	289.2	275.6	259.4	240.0	211.8	184.8	159.8	134.5
-10°	355.1	328.4	306.0	288.7	274.7	257.9	237.6	209.3	183.3	158.8	133.4
-12.5°	351.0	325.6	304.2	287.8	273.3	256.1	234.8	207.2	181.5	157.3	131.9
-15°	346.0	321.9	301.8	286.5	271.4	253.7	231.6	205.0	179.9	155.4	130.2
-17.5°	340.5	317.4	298.8	284.8	268.9	250.7	227.9	202.3	177.7	153.2	128.3
-20°	335.1	313.2	295.5	282.7	265.8	247.2	223.8	199.3	175.1	150.5	126.2

Classified

Cooper Lighting Solutions Photometric Lab  
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Scaled Data Report



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CATALOG NUMBER: GFLD-SA3C-722-U-NR-XX

**CANDELA DISTRIBUTION (continued):**

	47.5°	50°	52.5°	55°	57.5°	60°	62.5°	65°	67.5°	70°	72.5°
-22.5°	329.1	309.1	292.9	279.2	261.9	243.0	219.4	195.8	172.0	147.5	123.7
-25°	322.3	304.5	289.6	274.7	256.9	237.4	214.8	191.9	168.4	144.0	120.8
-27.5°	316.1	299.6	285.3	269.9	252.1	231.6	210.0	187.5	164.2	140.2	117.7
-30°	309.9	294.2	279.8	264.7	246.9	225.8	204.8	182.5	159.5	136.2	114.1
-32.5°	302.2	287.8	274.1	258.7	240.5	219.4	198.9	176.9	154.3	131.8	110.4
-35°	293.8	280.9	268.2	252.5	232.8	212.1	191.9	170.8	148.7	127.0	106.4
-37.5°	285.0	273.4	261.2	244.8	224.5	204.0	184.0	163.8	142.8	121.8	102.2
-40°	276.3	265.1	253.1	235.1	215.0	195.0	175.7	156.4	136.5	116.3	97.7
-42.5°	266.9	256.4	242.4	224.5	204.3	185.5	167.1	148.9	129.8	110.7	92.9
-45°	257.8	246.5	231.0	212.5	193.0	175.6	158.6	141.1	122.9	105.0	87.9
-47.5°	247.9	234.6	218.5	200.1	181.9	165.6	149.8	133.2	115.7	99.0	82.7
-50°	235.8	221.8	205.1	188.1	171.1	155.9	140.9	125.0	108.6	92.8	77.3
-52.5°	221.8	207.5	191.9	176.0	160.5	146.1	131.8	116.7	101.3	86.3	71.7
-55°	206.8	193.2	178.5	163.5	149.4	136.1	122.6	108.0	93.5	79.5	66.0
-57.5°	190.6	178.3	164.2	150.5	137.8	125.8	112.7	98.9	85.5	72.5	60.7
-60°	173.1	161.4	148.9	137.2	126.0	114.4	102.2	89.5	77.1	65.4	55.2
-62.5°	154.7	144.2	134.1	123.8	113.0	102.1	91.3	79.7	68.5	58.9	49.5
-65°	136.2	127.4	119.0	108.9	99.1	89.6	80.0	69.7	60.8	52.3	43.9
-67.5°	117.1	110.1	102.1	93.3	85.5	77.4	68.6	60.8	53.2	45.6	38.7
-70°	99.8	92.9	86.1	79.5	72.6	65.4	58.9	52.3	45.6	39.5	33.5
-72.5°	83.2	77.7	72.0	66.1	60.7	55.2	49.5	43.9	38.7	33.5	28.1
-75°	67.4	63.1	58.7	54.2	49.6	44.9	40.6	36.3	31.8	27.3	23.3
-77.5°	53.1	49.6	46.0	42.6	39.3	35.8	32.2	28.6	25.1	21.9	18.6
-80°	39.1	36.7	34.4	32.1	29.3	26.6	24.1	21.6	19.1	16.5	13.9
-82.5°	25.2	24.3	23.4	22.2	20.4	18.6	16.8	14.9	13.0	11.1	9.6
-85°	15.6	14.9	14.0	13.0	11.9	10.7	9.9	9.0	8.2	7.3	6.4
-87.5°	7.2	6.9	6.5	6.1	5.7	5.3	4.9	4.5	4.1	3.7	3.2
-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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REPORT NUMBER: P627129 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA3C-722-U-NR-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°	2.8	2.3	1.9	1.4	0.9	0.4	0.0
85°	5.5	4.6	3.7	2.8	1.9	0.8	0.0
82.5°	8.3	6.9	5.6	4.2	2.8	1.2	0.0
80°	11.2	9.2	7.4	5.6	3.7	1.6	0.0
77.5°	15.2	11.8	9.2	6.9	4.6	2.0	0.0
75°	19.2	15.0	11.1	8.3	5.5	2.4	0.0
72.5°	23.1	18.2	13.6	9.6	6.4	2.8	0.0
70°	27.1	21.3	15.9	11.0	7.2	3.2	0.0
67.5°	31.5	24.3	18.3	12.7	8.0	3.5	0.0
65°	35.9	27.6	20.5	14.4	8.8	3.9	0.0
62.5°	40.2	31.2	22.7	16.0	9.6	4.2	0.0
60°	44.4	34.7	24.9	17.5	10.3	4.6	0.0
57.5°	49.0	38.1	27.6	19.0	11.3	4.9	0.0
55°	53.5	41.4	30.2	20.5	12.2	5.2	0.0
52.5°	57.9	44.7	32.8	21.9	13.1	5.5	0.0
50°	62.2	48.2	35.3	23.2	14.0	5.8	0.0
47.5°	66.4	51.6	37.6	24.6	14.9	6.1	0.0
45°	70.8	54.9	39.9	26.3	15.7	6.3	0.0
42.5°	75.1	58.0	42.1	27.9	16.5	6.6	0.0
40°	79.1	61.0	44.3	29.5	17.3	6.8	0.0
37.5°	83.0	63.8	46.6	31.1	18.1	7.0	0.0
35°	86.6	66.7	48.7	32.5	18.8	7.2	0.0
32.5°	90.0	69.5	50.7	33.9	19.4	7.4	0.0
30°	93.1	72.2	52.5	35.1	20.1	7.5	0.0
27.5°	96.1	74.6	54.3	36.3	20.7	7.6	0.0
25°	98.7	76.8	56.0	37.4	21.2	7.8	0.0
22.5°	101.1	78.8	57.5	38.4	21.7	7.9	0.0
20°	103.3	80.5	58.9	39.3	22.2	8.0	0.0
17.5°	105.1	82.0	60.1	40.1	22.6	8.0	0.0
15°	106.5	83.2	61.2	40.8	23.0	8.1	0.0
12.5°	107.7	84.1	62.1	41.4	23.3	8.1	0.0
10°	108.6	84.9	62.8	41.8	23.5	8.1	0.0
7.5°	109.2	85.3	63.4	42.2	23.7	8.1	0.0
5°	109.6	85.6	63.8	42.5	23.9	8.1	0.0
2.5°	109.6	85.6	64.0	42.6	24.0	8.1	0.0
0°	109.4	85.4	64.1	42.7	24.0	8.0	0.0
-2.5°	109.6	85.6	64.0	42.6	24.0	8.1	0.0
-5°	109.6	85.6	63.8	42.5	23.9	8.1	0.0
-7.5°	109.2	85.3	63.4	42.2	23.7	8.1	0.0
-10°	108.6	84.9	62.8	41.8	23.5	8.1	0.0
-12.5°	107.7	84.1	62.1	41.4	23.3	8.1	0.0
-15°	106.5	83.2	61.2	40.8	23.0	8.1	0.0
-17.5°	105.1	82.0	60.1	40.1	22.6	8.0	0.0
-20°	103.3	80.5	58.9	39.3	22.2	8.0	0.0

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**CANDELA DISTRIBUTION (continued):**

	75°	77.5°	80°	82.5°	85°	87.5°	90°
-22.5°	101.1	78.8	57.5	38.4	21.7	7.9	0.0
-25°	98.7	76.8	56.0	37.4	21.2	7.8	0.0
-27.5°	96.1	74.6	54.3	36.3	20.7	7.6	0.0
-30°	93.1	72.2	52.5	35.1	20.1	7.5	0.0
-32.5°	90.0	69.5	50.7	33.9	19.4	7.4	0.0
-35°	86.6	66.7	48.7	32.5	18.8	7.2	0.0
-37.5°	83.0	63.8	46.6	31.1	18.1	7.0	0.0
-40°	79.1	61.0	44.3	29.5	17.3	6.8	0.0
-42.5°	75.1	58.0	42.1	27.9	16.5	6.6	0.0
-45°	70.8	54.9	39.9	26.3	15.7	6.3	0.0
-47.5°	66.4	51.6	37.6	24.6	14.9	6.1	0.0
-50°	62.2	48.2	35.3	23.2	14.0	5.8	0.0
-52.5°	57.9	44.7	32.8	21.9	13.1	5.5	0.0
-55°	53.5	41.4	30.2	20.5	12.2	5.2	0.0
-57.5°	49.0	38.1	27.6	19.0	11.3	4.9	0.0
-60°	44.4	34.7	24.9	17.5	10.3	4.6	0.0
-62.5°	40.2	31.2	22.7	16.0	9.6	4.2	0.0
-65°	35.9	27.6	20.5	14.4	8.8	3.9	0.0
-67.5°	31.5	24.3	18.3	12.7	8.0	3.5	0.0
-70°	27.1	21.3	15.9	11.0	7.2	3.2	0.0
-72.5°	23.1	18.2	13.6	9.6	6.4	2.8	0.0
-75°	19.2	15.0	11.1	8.3	5.5	2.4	0.0
-77.5°	15.2	11.8	9.2	6.9	4.6	2.0	0.0
-80°	11.2	9.2	7.4	5.6	3.7	1.6	0.0
-82.5°	8.3	6.9	5.6	4.2	2.8	1.2	0.0
-85°	5.5	4.6	3.7	2.8	1.9	0.8	0.0
-87.5°	2.8	2.3	1.9	1.4	0.9	0.4	0.0
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0

(END OF REPORT)