

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: P626923 (CONVERTED FROM TYPE C PHOTOMETRY)

Luminaire Tested: **GFLD-SA2C-735-U-WR-XX**

Issue Date: 12/7/2022

**Test Information**

Test Method: LM-79-08  
Report Number: P626923 (CONVERTED FROM TYPE C PHOTOMETRY)  
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G2-2209-766-1)  
Test Lab: COOPER LIGHTING SOLUTIONS  
Issue Date: 12/7/2022  
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)  
Product Line: MCGRAW-EDISON  
Catalog Number: GFLD-SA2C-735-U-WR-XX  
Description: GALLEON FLOOD, TWO LIGHT SQAURE, WIDE SYMMETRICAL ROUND N49  
Light Source: (32) 3500K CCT, 70 CRI LEDS  
Ballast/Driver: -

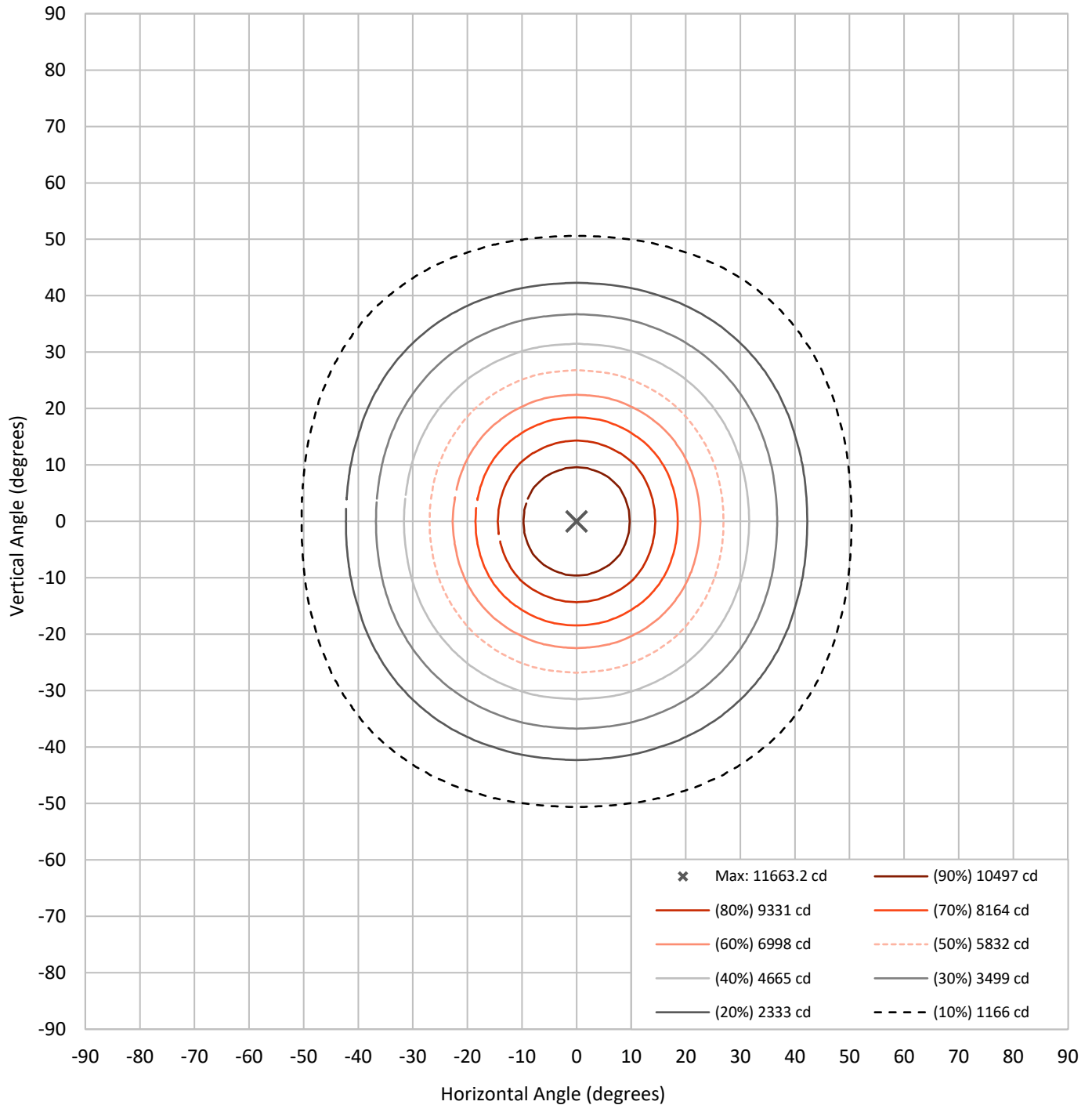
**Summary**

Lumens per Lamp:	N/A	NEMA Type:	6H x 6V
Luminaire Lumens:	11870.5 lumens	Max Intensity:	11663.2 candela
Efficiency:	N/A	Max Intensity Angle:	0°H x 0°V
Efficacy:	143.7 lumens/watt		
Luminous Opening:	Rectangular (W 1' x L: 0.5' x H: 0')		
Beam Angle (50%):	53.8°H x 53.6°V	Field Angle (10%):	100.8°H x 101.2°V
Beam Lumens:	5675.7 lumens	Field Lumens:	10476.1 lumens
Beam Efficiency:	47.8%	Field Efficiency:	88.3%
Input Watts (W):	82.6		
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





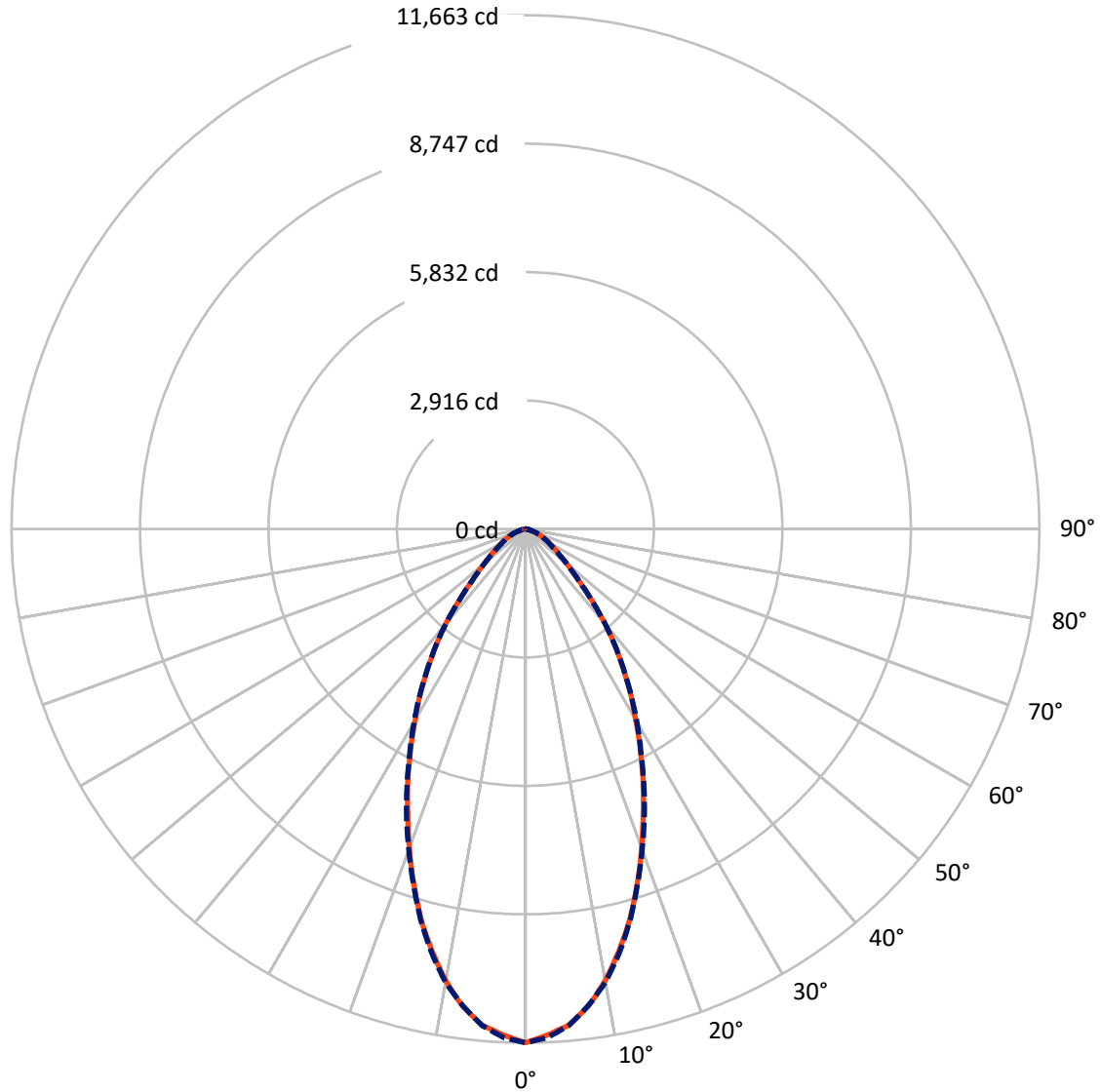
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### Lumen Table

90															90				
80	0.5	3.3		7.5		12.4		10.6		12.4		7.5		3.3		0.5			
70															70				
60	1.5	1.8	3.4	5.5	7.9	10.3	12.1	12.9	12.9	12.1	10.3	7.9	5.5	3.4	1.8	1.5			
50		2.6	5.1	8.9	13.7	18.8	23.4	26.1	26.1	23.4	18.8	13.7	8.9	5.1	2.6				
40	2.3	3.3	7.1	13.3	22.4	34.5	47.5	56.2	56.2	47.5	34.5	22.4	13.3	7.1	3.3	2.3			
30		4.0	9.3	19.3	37.6	66.8	97.1	115.1	115.1	97.1	66.8	37.6	19.3	9.3	4.0				
20	2.7	4.6	11.6	27.1	60.8	109.3	156.4	187.0	187.0	156.4	109.3	60.8	27.1	11.6	4.6	2.7			
10		5.2	13.6	35.1	83.0	147.6	218.0	268.1	268.1	218.0	147.6	83.0	35.1	13.6	5.2				
0	2.8	5.4	14.8	40.3	95.6	171.6	261.2	328.5	328.5	261.2	171.6	95.6	40.3	14.8	5.4	2.8			
-10		5.4	14.8	40.3	95.6	171.6	261.2	328.5	328.5	261.2	171.6	95.6	40.3	14.8	5.4				
-20	2.7	5.2	13.6	35.1	83.0	147.6	218.0	268.1	268.1	218.0	147.6	83.0	35.1	13.6	5.2	2.7			
-30		4.6	11.6	27.1	60.8	109.3	156.4	187.0	187.0	156.4	109.3	60.8	27.1	11.6	4.6				
-40	2.3	4.0	9.3	19.3	37.6	66.8	97.1	115.1	115.1	97.1	66.8	37.6	19.3	9.3	4.0	2.3			
-50		3.3	7.1	13.3	22.4	34.5	47.5	56.2	56.2	47.5	34.5	22.4	13.3	7.1	3.3				
-60	1.5	2.6	5.1	8.9	13.7	18.8	23.4	26.1	26.1	23.4	18.8	13.7	8.9	5.1	2.6	1.5			
-70		1.8	3.4	5.5	7.9	10.3	12.1	12.9	12.9	12.1	10.3	7.9	5.5	3.4	1.8				
-80															-80				
-90	0.5	3.3		7.5		12.4		10.6		12.4		7.5		3.3		0.5			
	-90	-80	-70	-60	-50	-40	-30	-20	-10	0	10	20	30	40	50	60	70	80	90

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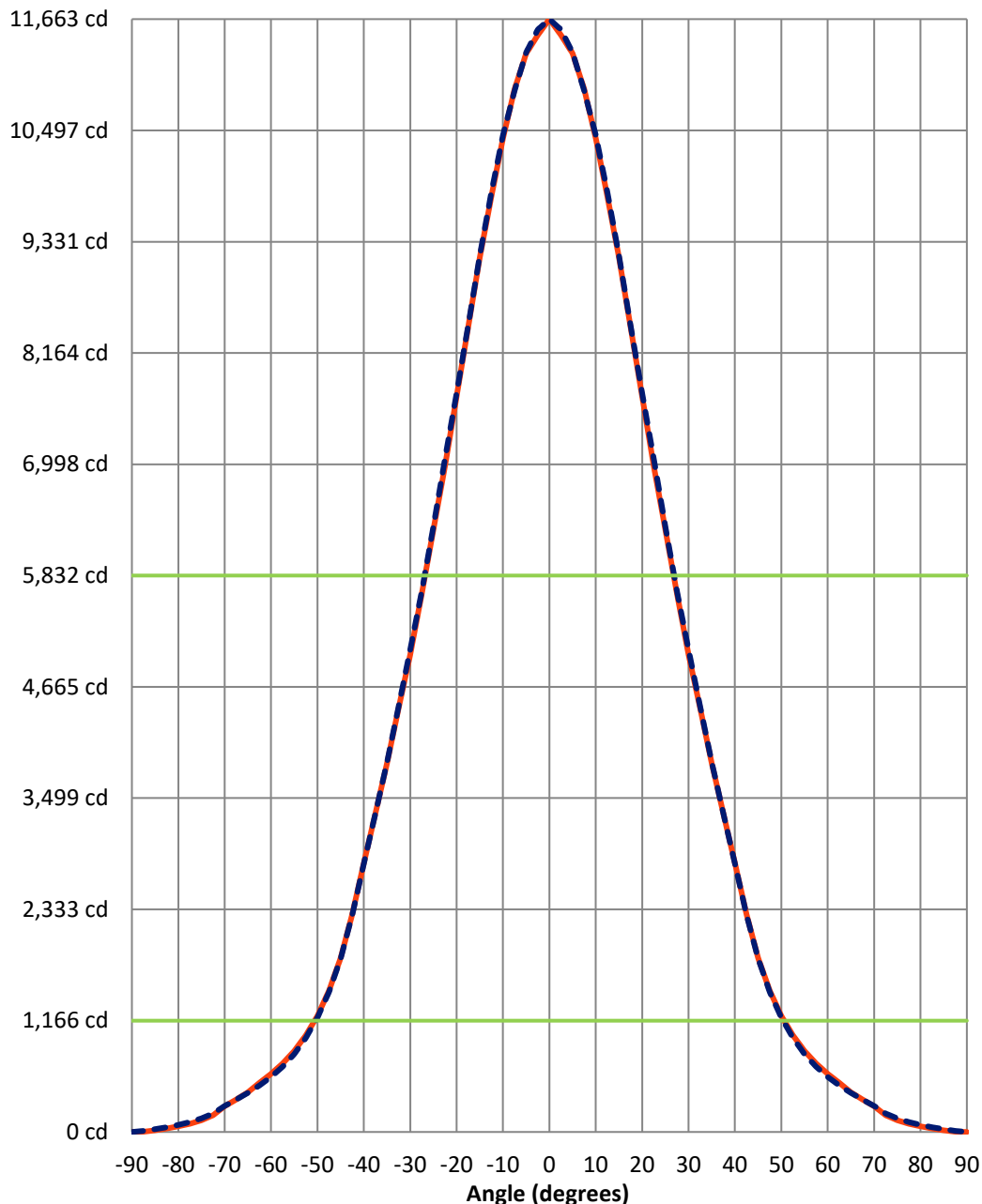
### Luminous Intensity Polar Plot



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

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### Luminous Intensity Plot



**Beam:**  
 H Angle: 53.8°  
 V Angle: 53.6°  
 Lumens: 5675.7  
 Efficiency: 47.8%

**Field:**  
 H Angle: 100.8°  
 V Angle: 101.2°  
 Lumens: 10476.1  
 Efficiency: 88.3%

**Spill:**  
 Lumens: 1394.4  
 Efficiency: 11.7%

— 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	1.4	2.2	3.2	4.3	5.5	6.1	6.6	7.0	7.3
85°	0.0	1.2	2.7	4.5	6.4	8.6	11.0	12.3	13.2	14.0	14.6
82.5°	0.0	1.8	4.1	6.7	9.6	12.9	16.5	18.4	20.3	23.5	26.4
80°	0.0	2.4	5.4	8.9	12.8	17.1	22.4	27.9	32.7	36.9	40.7
77.5°	0.0	2.9	6.7	11.0	15.9	22.3	32.1	39.1	45.0	50.3	55.6
75°	0.0	3.5	8.0	13.1	19.2	29.1	41.4	50.3	57.4	64.6	72.2
72.5°	0.0	4.1	9.3	15.2	23.8	35.8	50.5	61.3	69.8	78.9	88.7
70°	0.0	4.6	10.6	17.4	28.2	42.2	59.0	71.6	82.0	93.1	106.1
67.5°	0.0	5.1	11.8	20.1	32.5	48.2	66.5	81.8	93.9	107.7	123.3
65°	0.0	5.7	12.9	22.7	36.5	53.8	73.5	91.7	105.7	121.8	139.6
62.5°	0.0	6.2	14.0	25.1	40.3	59.0	80.2	101.1	117.0	135.3	154.8
60°	0.0	6.7	15.1	27.4	43.8	63.8	86.5	110.0	127.8	148.4	169.5
57.5°	0.0	7.1	16.4	29.6	47.1	68.3	92.1	118.0	138.8	161.0	183.1
55°	0.0	7.6	17.7	31.6	50.2	72.4	97.4	124.4	149.4	173.1	196.0
52.5°	0.0	8.0	18.9	33.4	53.0	76.2	102.1	131.4	159.7	184.6	208.7
50°	0.0	8.4	20.1	35.0	55.6	79.6	106.5	137.9	169.6	195.9	222.6
47.5°	0.0	8.8	21.2	36.5	57.9	82.8	110.5	143.9	179.3	206.8	236.2
45°	0.0	9.2	22.2	38.0	59.9	85.5	115.0	149.2	186.4	218.6	249.4
42.5°	0.0	9.5	23.2	39.3	61.7	88.0	119.1	154.5	192.8	230.0	263.1
40°	0.0	9.8	24.1	40.8	63.2	90.0	122.6	159.6	199.1	240.6	276.3
37.5°	0.0	10.1	25.0	42.3	64.6	91.7	125.6	164.2	206.0	249.0	288.8
35°	0.0	10.4	25.8	43.6	65.8	93.5	128.1	168.3	212.7	258.2	301.7
32.5°	0.0	10.7	26.5	44.8	66.6	95.3	130.4	171.9	219.0	267.5	314.8
30°	0.0	10.9	27.2	46.0	67.3	96.7	133.0	175.4	225.0	277.0	327.2
27.5°	0.0	11.1	27.8	46.9	68.7	97.7	135.1	179.7	231.2	286.4	338.7
25°	0.0	11.2	28.3	47.8	70.1	98.2	136.7	183.6	238.2	295.7	349.6
22.5°	0.0	11.4	28.8	48.5	71.3	99.0	137.9	187.0	244.9	304.2	361.4
20°	0.0	11.5	29.2	49.1	72.3	100.8	138.5	189.9	251.2	311.9	372.0
17.5°	0.0	11.6	29.5	49.6	73.2	102.3	140.1	192.2	257.0	318.7	381.3
15°	0.0	11.6	29.7	50.0	73.9	103.4	142.0	194.5	262.1	324.5	389.3
12.5°	0.0	11.7	29.9	50.2	74.4	104.3	143.3	196.4	266.6	329.3	396.0
10°	0.0	11.7	30.0	50.3	74.7	104.8	144.1	197.5	270.0	333.4	401.4
7.5°	0.0	11.7	30.0	50.3	74.9	105.0	144.5	197.8	272.4	336.5	405.6
5°	0.0	11.6	30.0	50.1	74.8	105.0	144.3	197.2	273.7	338.6	408.4
2.5°	0.0	11.6	29.9	49.9	74.6	104.6	143.7	195.8	273.8	339.7	409.8
0°	0.0	11.5	29.7	49.5	74.2	103.9	142.6	193.7	272.8	339.6	409.7
-2.5°	0.0	11.6	29.9	49.9	74.6	104.6	143.7	195.8	273.8	339.7	409.8
-5°	0.0	11.6	30.0	50.1	74.8	105.0	144.3	197.2	273.7	338.6	408.4
-7.5°	0.0	11.7	30.0	50.3	74.9	105.0	144.5	197.8	272.4	336.5	405.6
-10°	0.0	11.7	30.0	50.3	74.7	104.8	144.1	197.5	270.0	333.4	401.4
-12.5°	0.0	11.7	29.9	50.2	74.4	104.3	143.3	196.4	266.6	329.3	396.0
-15°	0.0	11.6	29.7	50.0	73.9	103.4	142.0	194.5	262.1	324.5	389.3
-17.5°	0.0	11.6	29.5	49.6	73.2	102.3	140.1	192.2	257.0	318.7	381.3
-20°	0.0	11.5	29.2	49.1	72.3	100.8	138.5	189.9	251.2	311.9	372.0

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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	11.4	28.8	48.5	71.3	99.0	137.9	187.0	244.9	304.2	361.4
-25°	0.0	11.2	28.3	47.8	70.1	98.2	136.7	183.6	238.2	295.7	349.6
-27.5°	0.0	11.1	27.8	46.9	68.7	97.7	135.1	179.7	231.2	286.4	338.7
-30°	0.0	10.9	27.2	46.0	67.3	96.7	133.0	175.4	225.0	277.0	327.2
-32.5°	0.0	10.7	26.5	44.8	66.6	95.3	130.4	171.9	219.0	267.5	314.8
-35°	0.0	10.4	25.8	43.6	65.8	93.5	128.1	168.3	212.7	258.2	301.7
-37.5°	0.0	10.1	25.0	42.3	64.6	91.7	125.6	164.2	206.0	249.0	288.8
-40°	0.0	9.8	24.1	40.8	63.2	90.0	122.6	159.6	199.1	240.6	276.3
-42.5°	0.0	9.5	23.2	39.3	61.7	88.0	119.1	154.5	192.8	230.0	263.1
-45°	0.0	9.2	22.2	38.0	59.9	85.5	115.0	149.2	186.4	218.6	249.4
-47.5°	0.0	8.8	21.2	36.5	57.9	82.8	110.5	143.9	179.3	206.8	236.2
-50°	0.0	8.4	20.1	35.0	55.6	79.6	106.5	137.9	169.6	195.9	222.6
-52.5°	0.0	8.0	18.9	33.4	53.0	76.2	102.1	131.4	159.7	184.6	208.7
-55°	0.0	7.6	17.7	31.6	50.2	72.4	97.4	124.4	149.4	173.1	196.0
-57.5°	0.0	7.1	16.4	29.6	47.1	68.3	92.1	118.0	138.8	161.0	183.1
-60°	0.0	6.7	15.1	27.4	43.8	63.8	86.5	110.0	127.8	148.4	169.5
-62.5°	0.0	6.2	14.0	25.1	40.3	59.0	80.2	101.1	117.0	135.3	154.8
-65°	0.0	5.7	12.9	22.7	36.5	53.8	73.5	91.7	105.7	121.8	139.6
-67.5°	0.0	5.1	11.8	20.1	32.5	48.2	66.5	81.8	93.9	107.7	123.3
-70°	0.0	4.6	10.6	17.4	28.2	42.2	59.0	71.6	82.0	93.1	106.1
-72.5°	0.0	4.1	9.3	15.2	23.8	35.8	50.5	61.3	69.8	78.9	88.7
-75°	0.0	3.5	8.0	13.1	19.2	29.1	41.4	50.3	57.4	64.6	72.2
-77.5°	0.0	2.9	6.7	11.0	15.9	22.3	32.1	39.1	45.0	50.3	55.6
-80°	0.0	2.4	5.4	8.9	12.8	17.1	22.4	27.9	32.7	36.9	40.7
-82.5°	0.0	1.8	4.1	6.7	9.6	12.9	16.5	18.4	20.3	23.5	26.4
-85°	0.0	1.2	2.7	4.5	6.4	8.6	11.0	12.3	13.2	14.0	14.6
-87.5°	0.0	0.6	1.4	2.2	3.2	4.3	5.5	6.1	6.6	7.0	7.3
-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°	7.4	7.4	7.3	7.1	6.8	6.4	5.9	5.2	5.5	5.7	5.9
85°	14.9	14.9	16.1	17.3	17.8	17.8	17.5	16.7	18.9	21.4	24.0
82.5°	29.0	31.5	33.9	36.1	36.4	35.8	34.7	33.4	37.8	43.2	48.7
80°	44.5	48.2	52.5	56.5	57.4	57.0	55.8	53.7	59.5	67.8	76.6
77.5°	61.7	67.6	73.1	78.2	79.7	79.4	78.5	76.9	84.3	95.7	107.5
75°	79.9	87.1	94.2	100.4	103.0	103.2	102.9	104.7	114.4	127.7	139.5
72.5°	98.9	108.0	115.9	122.8	127.1	130.3	134.6	139.9	149.8	162.9	174.4
70°	118.9	129.0	137.4	145.0	151.5	158.7	167.8	176.9	187.2	200.3	212.3
67.5°	138.7	149.0	158.4	167.8	179.7	191.1	202.5	214.3	227.4	241.1	253.2
65°	157.1	168.7	180.2	193.7	209.2	222.2	236.2	251.6	268.7	284.1	298.2
62.5°	174.7	187.7	202.0	218.4	235.2	251.4	270.2	289.9	309.9	329.3	348.5
60°	189.6	205.8	223.2	241.7	261.0	283.1	305.0	328.6	352.5	375.8	399.6
57.5°	203.8	223.9	244.0	265.5	289.6	314.8	341.2	367.7	396.3	424.5	451.5
55°	218.7	242.3	265.1	290.6	318.3	347.9	377.8	409.9	441.4	476.9	509.7
52.5°	234.5	260.3	287.0	316.2	348.5	381.9	416.9	453.7	493.0	532.5	572.6
50°	250.0	278.9	308.8	343.7	379.9	418.0	458.4	501.3	547.0	592.7	641.2
47.5°	266.1	297.0	333.5	371.5	412.8	456.2	502.0	553.0	603.8	661.4	717.0
45°	282.0	317.6	357.2	401.3	446.7	495.6	550.0	606.1	670.9	735.9	809.0
42.5°	297.3	338.4	383.1	430.2	481.9	538.0	598.3	668.7	741.8	822.3	908.1
40°	314.9	358.3	408.5	461.2	517.2	581.4	654.0	732.1	821.3	916.7	1014.1
37.5°	332.0	380.6	433.7	490.8	555.8	628.1	708.2	804.0	906.9	1015.3	1147.9
35°	348.0	401.9	459.5	522.1	592.6	676.4	772.1	878.0	996.6	1136.4	1291.1
32.5°	365.0	422.1	484.0	554.2	633.9	725.5	834.2	958.9	1099.2	1258.4	1451.9
30°	382.1	442.8	508.3	584.3	672.9	778.9	902.4	1040.2	1201.7	1401.3	1628.5
27.5°	397.9	462.2	533.9	616.1	710.9	828.1	968.0	1129.5	1319.7	1545.4	1810.7
25°	412.4	479.9	557.5	646.4	752.7	881.3	1032.9	1211.8	1437.8	1706.9	2033.3
22.5°	426.3	496.0	578.8	673.6	790.4	932.7	1103.4	1308.1	1557.9	1859.9	2251.4
20°	439.3	513.4	599.9	699.7	824.0	979.2	1168.3	1398.0	1682.2	2039.8	2465.2
17.5°	450.7	528.8	619.9	727.9	861.6	1026.4	1229.4	1477.3	1792.9	2200.4	2662.5
15°	460.5	542.0	637.2	752.3	895.4	1073.3	1293.5	1564.4	1908.4	2346.5	2835.8
12.5°	468.7	553.1	651.8	772.8	923.8	1113.0	1348.3	1641.9	2020.9	2484.1	2987.9
10°	475.2	562.0	663.5	789.4	946.7	1145.2	1393.5	1705.4	2114.5	2602.0	3116.6
7.5°	480.7	568.9	672.5	802.0	964.0	1169.8	1428.6	1754.3	2187.6	2695.4	3215.3
5°	484.6	573.9	679.3	810.8	976.7	1187.0	1453.2	1788.5	2239.7	2763.1	3282.8
2.5°	486.7	576.6	683.2	815.5	984.5	1196.8	1466.1	1810.1	2268.3	2801.7	3323.7
0°	487.2	577.0	684.2	816.1	986.7	1198.6	1468.1	1816.8	2274.3	2811.7	3338.5
-2.5°	486.7	576.6	683.2	815.5	984.5	1196.8	1466.1	1810.1	2268.3	2801.7	3323.7
-5°	484.6	573.9	679.3	810.8	976.7	1187.0	1453.2	1788.5	2239.7	2763.1	3282.8
-7.5°	480.7	568.9	672.5	802.0	964.0	1169.8	1428.6	1754.3	2187.6	2695.4	3215.3
-10°	475.2	562.0	663.5	789.4	946.7	1145.2	1393.5	1705.4	2114.5	2602.0	3116.6
-12.5°	468.7	553.1	651.8	772.8	923.8	1113.0	1348.3	1641.9	2020.9	2484.1	2987.9
-15°	460.5	542.0	637.2	752.3	895.4	1073.3	1293.5	1564.4	1908.4	2346.5	2835.8
-17.5°	450.7	528.8	619.9	727.9	861.6	1026.4	1229.4	1477.3	1792.9	2200.4	2662.5
-20°	439.3	513.4	599.9	699.7	824.0	979.2	1168.3	1398.0	1682.2	2039.8	2465.2

Classified

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

Scaled Data Report



REPORT NUMBER: P626923 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA2C-735-U-WR-XX

**CANDELA DISTRIBUTION (continued):**

	-62.5°	-60°	-57.5°	-55°	-52.5°	-50°	-47.5°	-45°	-42.5°	-40°	-37.5°
-22.5°	426.3	496.0	578.8	673.6	790.4	932.7	1103.4	1308.1	1557.9	1859.9	2251.4
-25°	412.4	479.9	557.5	646.4	752.7	881.3	1032.9	1211.8	1437.8	1706.9	2033.3
-27.5°	397.9	462.2	533.9	616.1	710.9	828.1	968.0	1129.5	1319.7	1545.4	1810.7
-30°	382.1	442.8	508.3	584.3	672.9	778.9	902.4	1040.2	1201.7	1401.3	1628.5
-32.5°	365.0	422.1	484.0	554.2	633.9	725.5	834.2	958.9	1099.2	1258.4	1451.9
-35°	348.0	401.9	459.5	522.1	592.6	676.4	772.1	878.0	996.6	1136.4	1291.1
-37.5°	332.0	380.6	433.7	490.8	555.8	628.1	708.2	804.0	906.9	1015.3	1147.9
-40°	314.9	358.3	408.5	461.2	517.2	581.4	654.0	732.1	821.3	916.7	1014.1
-42.5°	297.3	338.4	383.1	430.2	481.9	538.0	598.3	668.7	741.8	822.3	908.1
-45°	282.0	317.6	357.2	401.3	446.7	495.6	550.0	606.1	670.9	735.9	809.0
-47.5°	266.1	297.0	333.5	371.5	412.8	456.2	502.0	553.0	603.8	661.4	717.0
-50°	250.0	278.9	308.8	343.7	379.9	418.0	458.4	501.3	547.0	592.7	641.2
-52.5°	234.5	260.3	287.0	316.2	348.5	381.9	416.9	453.7	493.0	532.5	572.6
-55°	218.7	242.3	265.1	290.6	318.3	347.9	377.8	409.9	441.4	476.9	509.7
-57.5°	203.8	223.9	244.0	265.5	289.6	314.8	341.2	367.7	396.3	424.5	451.5
-60°	189.6	205.8	223.2	241.7	261.0	283.1	305.0	328.6	352.5	375.8	399.6
-62.5°	174.7	187.7	202.0	218.4	235.2	251.4	270.2	289.9	309.9	329.3	348.5
-65°	157.1	168.7	180.2	193.7	209.2	222.2	236.2	251.6	268.7	284.1	298.2
-67.5°	138.7	149.0	158.4	167.8	179.7	191.1	202.5	214.3	227.4	241.1	253.2
-70°	118.9	129.0	137.4	145.0	151.5	158.7	167.8	176.9	187.2	200.3	212.3
-72.5°	98.9	108.0	115.9	122.8	127.1	130.3	134.6	139.9	149.8	162.9	174.4
-75°	79.9	87.1	94.2	100.4	103.0	103.2	102.9	104.7	114.4	127.7	139.5
-77.5°	61.7	67.6	73.1	78.2	79.7	79.4	78.5	76.9	84.3	95.7	107.5
-80°	44.5	48.2	52.5	56.5	57.4	57.0	55.8	53.7	59.5	67.8	76.6
-82.5°	29.0	31.5	33.9	36.1	36.4	35.8	34.7	33.4	37.8	43.2	48.7
-85°	14.9	14.9	16.1	17.3	17.8	17.8	17.5	16.7	18.9	21.4	24.0
-87.5°	7.4	7.4	7.3	7.1	6.8	6.4	5.9	5.2	5.5	5.7	5.9
-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: P626923 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA2C-735-U-WR-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°	6.1	5.9	5.7	5.5	5.3	5.2	5.0	4.9	4.7	4.4	4.0
85°	26.8	27.4	27.7	27.9	27.9	28.8	29.7	30.4	31.1	28.2	25.0
82.5°	54.5	57.1	59.3	61.5	63.7	65.2	66.4	67.2	67.8	61.3	54.1
80°	85.8	91.2	95.6	99.9	104.0	105.0	105.0	104.4	103.3	94.5	84.5
77.5°	119.4	126.4	132.0	137.5	142.9	144.9	145.9	146.7	147.2	136.3	122.9
75°	149.8	158.1	166.0	173.2	179.9	183.5	185.5	187.3	188.6	177.7	163.3
72.5°	184.4	193.3	201.7	209.8	216.9	221.6	224.7	227.2	229.2	223.0	214.0
70°	222.5	231.7	240.6	249.0	257.0	263.4	268.4	272.7	276.3	276.9	276.6
67.5°	264.9	275.7	286.3	295.5	305.0	313.9	321.8	328.3	333.5	337.0	338.9
65°	312.4	328.7	343.2	355.6	365.9	377.8	388.3	396.3	402.0	406.3	410.0
62.5°	368.4	388.2	404.8	421.2	438.2	454.6	464.9	475.2	485.3	494.8	502.9
60°	422.3	444.1	466.5	487.4	506.8	524.7	543.2	559.5	573.8	585.7	594.7
57.5°	479.8	506.1	531.7	558.3	583.4	606.7	629.5	650.6	668.8	684.1	696.6
55°	542.1	574.4	604.8	638.6	671.3	701.1	728.6	756.8	782.1	804.5	822.2
52.5°	609.4	651.3	691.6	731.2	773.6	811.9	846.1	885.2	919.8	948.4	970.7
50°	689.6	738.9	792.0	841.2	894.7	947.4	996.0	1043.0	1089.1	1128.9	1161.1
47.5°	781.0	841.7	907.5	972.6	1039.0	1111.1	1175.4	1235.1	1299.5	1355.3	1400.2
45°	882.6	959.9	1039.4	1130.9	1215.3	1307.9	1393.5	1470.4	1561.7	1642.1	1706.9
42.5°	995.2	1098.3	1202.8	1318.1	1430.1	1547.6	1672.4	1783.1	1904.2	2019.6	2112.9
40°	1134.9	1258.1	1398.1	1537.7	1698.4	1849.3	2031.1	2196.3	2346.3	2484.0	2596.7
37.5°	1290.1	1448.7	1624.6	1806.4	2026.3	2241.7	2454.5	2655.4	2832.8	2983.4	3109.8
35°	1466.3	1667.9	1880.8	2146.4	2403.9	2661.9	2902.3	3121.9	3314.8	3484.8	3629.3
32.5°	1669.0	1910.9	2209.1	2507.3	2801.0	3085.1	3349.1	3588.6	3800.2	3991.0	4157.2
30°	1882.2	2212.2	2546.8	2874.0	3194.8	3506.0	3795.6	4059.5	4298.6	4511.0	4702.4
27.5°	2153.0	2518.7	2883.6	3236.3	3589.3	3929.8	4243.7	4536.8	4811.1	5051.2	5270.0
25°	2414.9	2819.0	3206.8	3591.4	3975.6	4341.2	4692.2	5023.2	5337.4	5613.0	5857.3
22.5°	2676.7	3099.7	3514.1	3927.7	4340.4	4748.0	5142.1	5521.4	5872.7	6186.5	6461.5
20°	2919.3	3361.4	3804.7	4250.4	4697.8	5144.0	5586.7	6013.5	6404.9	6767.1	7085.4
17.5°	3136.7	3607.0	4076.9	4553.7	5038.6	5523.1	6014.8	6493.3	6940.8	7352.9	7722.2
15°	3329.3	3820.0	4324.7	4839.1	5359.9	5886.1	6422.6	6957.9	7461.7	7929.9	8342.1
12.5°	3497.7	4007.8	4536.7	5083.4	5648.6	6221.8	6807.4	7394.2	7951.9	8492.3	8937.5
10°	3636.6	4167.6	4720.4	5294.8	5890.9	6507.7	7136.0	7767.7	8382.1	8955.4	9464.4
7.5°	3743.9	4294.7	4864.4	5461.8	6087.2	6737.7	7403.2	8073.5	8729.2	9347.0	9910.2
5°	3819.6	4387.3	4964.1	5585.6	6232.7	6906.8	7598.4	8297.0	8982.4	9632.0	10215.7
2.5°	3863.5	4442.9	5022.2	5660.8	6319.2	7009.1	7719.5	8429.5	9133.1	9806.8	10406.6
0°	3875.1	4459.5	5055.5	5668.8	6346.4	7057.0	7742.0	8454.2	9185.3	9849.7	10447.4
-2.5°	3863.5	4442.9	5022.2	5660.8	6319.2	7009.1	7719.5	8429.5	9133.1	9806.8	10406.6
-5°	3819.6	4387.3	4964.1	5585.6	6232.7	6906.8	7598.4	8297.0	8982.4	9632.0	10215.7
-7.5°	3743.9	4294.7	4864.4	5461.8	6087.2	6737.7	7403.2	8073.5	8729.2	9347.0	9910.2
-10°	3636.6	4167.6	4720.4	5294.8	5890.9	6507.7	7136.0	7767.7	8382.1	8955.4	9464.4
-12.5°	3497.7	4007.8	4536.7	5083.4	5648.6	6221.8	6807.4	7394.2	7951.9	8492.3	8937.5
-15°	3329.3	3820.0	4324.7	4839.1	5359.9	5886.1	6422.6	6957.9	7461.7	7929.9	8342.1
-17.5°	3136.7	3607.0	4076.9	4553.7	5038.6	5523.1	6014.8	6493.3	6940.8	7352.9	7722.2
-20°	2919.3	3361.4	3804.7	4250.4	4697.8	5144.0	5586.7	6013.5	6404.9	6767.1	7085.4



REPORT NUMBER: P626923 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: GFLD-SA2C-735-U-WR-XX

**CANDELA DISTRIBUTION (continued):**

	-35°	-32.5°	-30°	-27.5°	-25°	-22.5°	-20°	-17.5°	-15°	-12.5°	-10°
-22.5°	2676.7	3099.7	3514.1	3927.7	4340.4	4748.0	5142.1	5521.4	5872.7	6186.5	6461.5
-25°	2414.9	2819.0	3206.8	3591.4	3975.6	4341.2	4692.2	5023.2	5337.4	5613.0	5857.3
-27.5°	2153.0	2518.7	2883.6	3236.3	3589.3	3929.8	4243.7	4536.8	4811.1	5051.2	5270.0
-30°	1882.2	2212.2	2546.8	2874.0	3194.8	3506.0	3795.6	4059.5	4298.6	4511.0	4702.4
-32.5°	1669.0	1910.9	2209.1	2507.3	2801.0	3085.1	3349.1	3588.6	3800.2	3991.0	4157.2
-35°	1466.3	1667.9	1880.8	2146.4	2403.9	2661.9	2902.3	3121.9	3314.8	3484.8	3629.3
-37.5°	1290.1	1448.7	1624.6	1806.4	2026.3	2241.7	2454.5	2655.4	2832.8	2983.4	3109.8
-40°	1134.9	1258.1	1398.1	1537.7	1698.4	1849.3	2031.1	2196.3	2346.3	2484.0	2596.7
-42.5°	995.2	1098.3	1202.8	1318.1	1430.1	1547.6	1672.4	1783.1	1904.2	2019.6	2112.9
-45°	882.6	959.9	1039.4	1130.9	1215.3	1307.9	1393.5	1470.4	1561.7	1642.1	1706.9
-47.5°	781.0	841.7	907.5	972.6	1039.0	1111.1	1175.4	1235.1	1299.5	1355.3	1400.2
-50°	689.6	738.9	792.0	841.2	894.7	947.4	996.0	1043.0	1089.1	1128.9	1161.1
-52.5°	609.4	651.3	691.6	731.2	773.6	811.9	846.1	885.2	919.8	948.4	970.7
-55°	542.1	574.4	604.8	638.6	671.3	701.1	728.6	756.8	782.1	804.5	822.2
-57.5°	479.8	506.1	531.7	558.3	583.4	606.7	629.5	650.6	668.8	684.1	696.6
-60°	422.3	444.1	466.5	487.4	506.8	524.7	543.2	559.5	573.8	585.7	594.7
-62.5°	368.4	388.2	404.8	421.2	438.2	454.6	464.9	475.2	485.3	494.8	502.9
-65°	312.4	328.7	343.2	355.6	365.9	377.8	388.3	396.3	402.0	406.3	410.0
-67.5°	264.9	275.7	286.3	295.5	305.0	313.9	321.8	328.3	333.5	337.0	338.9
-70°	222.5	231.7	240.6	249.0	257.0	263.4	268.4	272.7	276.3	276.9	276.6
-72.5°	184.4	193.3	201.7	209.8	216.9	221.6	224.7	227.2	229.2	223.0	214.0
-75°	149.8	158.1	166.0	173.2	179.9	183.5	185.5	187.3	188.6	177.7	163.3
-77.5°	119.4	126.4	132.0	137.5	142.9	144.9	145.9	146.7	147.2	136.3	122.9
-80°	85.8	91.2	95.6	99.9	104.0	105.0	105.0	104.4	103.3	94.5	84.5
-82.5°	54.5	57.1	59.3	61.5	63.7	65.2	66.4	67.2	67.8	61.3	54.1
-85°	26.8	27.4	27.7	27.9	27.9	28.8	29.7	30.4	31.1	28.2	25.0
-87.5°	6.1	5.9	5.7	5.5	5.3	5.2	5.0	4.9	4.7	4.4	4.0
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



REPORT NUMBER: P626923 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: GFLD-SA2C-735-U-WR-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°	3.7	3.3	2.9	2.5	2.9	3.3	3.7	4.0	4.4	4.7	4.9
85°	21.6	18.0	17.7	17.3	17.7	18.0	21.6	25.0	28.2	31.1	30.4
82.5°	46.5	38.6	37.5	36.3	37.5	38.6	46.5	54.1	61.3	67.8	67.2
80°	74.2	63.5	61.4	59.4	61.4	63.5	74.2	84.5	94.5	103.3	104.4
77.5°	108.8	94.1	89.8	85.7	89.8	94.1	108.8	122.9	136.3	147.2	146.7
75°	148.4	132.9	127.7	122.8	127.7	132.9	148.4	163.3	177.7	188.6	187.3
72.5°	204.9	195.5	186.0	175.6	186.0	195.5	204.9	214.0	223.0	229.2	227.2
70°	276.3	275.6	273.3	269.6	273.3	275.6	276.3	276.6	276.9	276.3	272.7
67.5°	339.7	339.5	340.3	340.4	340.3	339.5	339.7	338.9	337.0	333.5	328.3
65°	412.2	413.0	414.7	415.5	414.7	413.0	412.2	410.0	406.3	402.0	396.3
62.5°	509.2	513.4	515.5	515.2	515.5	513.4	509.2	502.9	494.8	485.3	475.2
60°	601.4	605.7	608.5	609.2	608.5	605.7	601.4	594.7	585.7	573.8	559.5
57.5°	706.5	713.6	717.4	718.0	717.4	713.6	706.5	696.6	684.1	668.8	650.6
55°	835.8	845.3	849.5	849.0	849.5	845.3	835.8	822.2	804.5	782.1	756.8
52.5°	987.6	999.2	1007.9	1013.1	1007.9	999.2	987.6	970.7	948.4	919.8	885.2
50°	1185.3	1201.9	1212.4	1216.7	1212.4	1201.9	1185.3	1161.1	1128.9	1089.1	1043.0
47.5°	1432.6	1454.6	1470.8	1482.1	1470.8	1454.6	1432.6	1400.2	1355.3	1299.5	1235.1
45°	1754.7	1788.2	1810.9	1824.2	1810.9	1788.2	1754.7	1706.9	1642.1	1561.7	1470.4
42.5°	2185.7	2237.7	2269.5	2281.7	2269.5	2237.7	2185.7	2112.9	2019.6	1904.2	1783.1
40°	2685.8	2748.3	2789.2	2817.5	2789.2	2748.3	2685.8	2596.7	2484.0	2346.3	2196.3
37.5°	3206.8	3272.4	3312.2	3339.3	3312.2	3272.4	3206.8	3109.8	2983.4	2832.8	2655.4
35°	3738.2	3806.9	3844.3	3865.2	3844.3	3806.9	3738.2	3629.3	3484.8	3314.8	3121.9
32.5°	4283.8	4359.5	4400.1	4442.2	4400.1	4359.5	4283.8	4157.2	3991.0	3800.2	3588.6
30°	4853.7	4940.5	4983.0	5003.6	4983.0	4940.5	4853.7	4702.4	4511.0	4298.6	4059.5
27.5°	5446.6	5554.8	5608.1	5643.3	5608.1	5554.8	5446.6	5270.0	5051.2	4811.1	4536.8
25°	6063.6	6197.7	6258.8	6313.4	6258.8	6197.7	6063.6	5857.3	5613.0	5337.4	5023.2
22.5°	6703.8	6870.8	6941.5	6980.3	6941.5	6870.8	6703.8	6461.5	6186.5	5872.7	5521.4
20°	7360.7	7560.2	7658.4	7709.0	7658.4	7560.2	7360.7	7085.4	6767.1	6404.9	6013.5
17.5°	8032.4	8280.6	8407.7	8436.9	8407.7	8280.6	8032.4	7722.2	7352.9	6940.8	6493.3
15°	8691.8	8960.3	9110.5	9165.6	9110.5	8960.3	8691.8	8342.1	7929.9	7461.7	6957.9
12.5°	9316.3	9594.5	9774.1	9806.1	9774.1	9594.5	9316.3	8937.5	8492.3	7951.9	7394.2
10°	9882.6	10170.9	10369.2	10414.4	10369.2	10170.9	9882.6	9464.4	8955.4	8382.1	7767.7
7.5°	10356.1	10672.4	10891.5	10929.6	10891.5	10672.4	10356.1	9910.2	9347.0	8729.2	8073.5
5°	10702.5	11078.0	11257.9	11303.0	11257.9	11078.0	10702.5	10215.7	9632.0	8982.4	8297.0
2.5°	10892.6	11274.8	11524.7	11495.9	11524.7	11274.8	10892.6	10406.6	9806.8	9133.1	8429.5
0°	10913.9	11313.7	11552.8	11663.2	11552.8	11313.7	10913.9	10447.4	9849.7	9185.3	8454.2
-2.5°	10892.6	11274.8	11524.7	11495.9	11524.7	11274.8	10892.6	10406.6	9806.8	9133.1	8429.5
-5°	10702.5	11078.0	11257.9	11303.0	11257.9	11078.0	10702.5	10215.7	9632.0	8982.4	8297.0
-7.5°	10356.1	10672.4	10891.5	10929.6	10891.5	10672.4	10356.1	9910.2	9347.0	8729.2	8073.5
-10°	9882.6	10170.9	10369.2	10414.4	10369.2	10170.9	9882.6	9464.4	8955.4	8382.1	7767.7
-12.5°	9316.3	9594.5	9774.1	9806.1	9774.1	9594.5	9316.3	8937.5	8492.3	7951.9	7394.2
-15°	8691.8	8960.3	9110.5	9165.6	9110.5	8960.3	8691.8	8342.1	7929.9	7461.7	6957.9
-17.5°	8032.4	8280.6	8407.7	8436.9	8407.7	8280.6	8032.4	7722.2	7352.9	6940.8	6493.3
-20°	7360.7	7560.2	7658.4	7709.0	7658.4	7560.2	7360.7	7085.4	6767.1	6404.9	6013.5



REPORT NUMBER: P626923 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: GFLD-SA2C-735-U-WR-XX

**CANDELA DISTRIBUTION (continued):**

	-7.5°	-5°	-2.5°	0°	2.5°	5°	7.5°	10°	12.5°	15°	17.5°
-22.5°	6703.8	6870.8	6941.5	6980.3	6941.5	6870.8	6703.8	6461.5	6186.5	5872.7	5521.4
-25°	6063.6	6197.7	6258.8	6313.4	6258.8	6197.7	6063.6	5857.3	5613.0	5337.4	5023.2
-27.5°	5446.6	5554.8	5608.1	5643.3	5608.1	5554.8	5446.6	5270.0	5051.2	4811.1	4536.8
-30°	4853.7	4940.5	4983.0	5003.6	4983.0	4940.5	4853.7	4702.4	4511.0	4298.6	4059.5
-32.5°	4283.8	4359.5	4400.1	4442.2	4400.1	4359.5	4283.8	4157.2	3991.0	3800.2	3588.6
-35°	3738.2	3806.9	3844.3	3865.2	3844.3	3806.9	3738.2	3629.3	3484.8	3314.8	3121.9
-37.5°	3206.8	3272.4	3312.2	3339.3	3312.2	3272.4	3206.8	3109.8	2983.4	2832.8	2655.4
-40°	2685.8	2748.3	2789.2	2817.5	2789.2	2748.3	2685.8	2596.7	2484.0	2346.3	2196.3
-42.5°	2185.7	2237.7	2269.5	2281.7	2269.5	2237.7	2185.7	2112.9	2019.6	1904.2	1783.1
-45°	1754.7	1788.2	1810.9	1824.2	1810.9	1788.2	1754.7	1706.9	1642.1	1561.7	1470.4
-47.5°	1432.6	1454.6	1470.8	1482.1	1470.8	1454.6	1432.6	1400.2	1355.3	1299.5	1235.1
-50°	1185.3	1201.9	1212.4	1216.7	1212.4	1201.9	1185.3	1161.1	1128.9	1089.1	1043.0
-52.5°	987.6	999.2	1007.9	1013.1	1007.9	999.2	987.6	970.7	948.4	919.8	885.2
-55°	835.8	845.3	849.5	849.0	849.5	845.3	835.8	822.2	804.5	782.1	756.8
-57.5°	706.5	713.6	717.4	718.0	717.4	713.6	706.5	696.6	684.1	668.8	650.6
-60°	601.4	605.7	608.5	609.2	608.5	605.7	601.4	594.7	585.7	573.8	559.5
-62.5°	509.2	513.4	515.5	515.2	515.5	513.4	509.2	502.9	494.8	485.3	475.2
-65°	412.2	413.0	414.7	415.5	414.7	413.0	412.2	410.0	406.3	402.0	396.3
-67.5°	339.7	339.5	340.3	340.4	340.3	339.5	339.7	338.9	337.0	333.5	328.3
-70°	276.3	275.6	273.3	269.6	273.3	275.6	276.3	276.6	276.9	276.3	272.7
-72.5°	204.9	195.5	186.0	175.6	186.0	195.5	204.9	214.0	223.0	229.2	227.2
-75°	148.4	132.9	127.7	122.8	127.7	132.9	148.4	163.3	177.7	188.6	187.3
-77.5°	108.8	94.1	89.8	85.7	89.8	94.1	108.8	122.9	136.3	147.2	146.7
-80°	74.2	63.5	61.4	59.4	61.4	63.5	74.2	84.5	94.5	103.3	104.4
-82.5°	46.5	38.6	37.5	36.3	37.5	38.6	46.5	54.1	61.3	67.8	67.2
-85°	21.6	18.0	17.7	17.3	17.7	18.0	21.6	25.0	28.2	31.1	30.4
-87.5°	3.7	3.3	2.9	2.5	2.9	3.3	3.7	4.0	4.4	4.7	4.9
-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: P626923 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA2C-735-U-WR-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°	5.0	5.2	5.3	5.5	5.7	5.9	6.1	5.9	5.7	5.5	5.2
85°	29.7	28.8	27.9	27.9	27.7	27.4	26.8	24.0	21.4	18.9	16.7
82.5°	66.4	65.2	63.7	61.5	59.3	57.1	54.5	48.7	43.2	37.8	33.4
80°	105.0	105.0	104.0	99.9	95.6	91.2	85.8	76.6	67.8	59.5	53.7
77.5°	145.9	144.9	142.9	137.5	132.0	126.4	119.4	107.5	95.7	84.3	76.9
75°	185.5	183.5	179.9	173.2	166.0	158.1	149.8	139.5	127.7	114.4	104.7
72.5°	224.7	221.6	216.9	209.8	201.7	193.3	184.4	174.4	162.9	149.8	139.9
70°	268.4	263.4	257.0	249.0	240.6	231.7	222.5	212.3	200.3	187.2	176.9
67.5°	321.8	313.9	305.0	295.5	286.3	275.7	264.9	253.2	241.1	227.4	214.3
65°	388.3	377.8	365.9	355.6	343.2	328.7	312.4	298.2	284.1	268.7	251.6
62.5°	464.9	454.6	438.2	421.2	404.8	388.2	368.4	348.5	329.3	309.9	289.9
60°	543.2	524.7	506.8	487.4	466.5	444.1	422.3	399.6	375.8	352.5	328.6
57.5°	629.5	606.7	583.4	558.3	531.7	506.1	479.8	451.5	424.5	396.3	367.7
55°	728.6	701.1	671.3	638.6	604.8	574.4	542.1	509.7	476.9	441.4	409.9
52.5°	846.1	811.9	773.6	731.2	691.6	651.3	609.4	572.6	532.5	493.0	453.7
50°	996.0	947.4	894.7	841.2	792.0	738.9	689.6	641.2	592.7	547.0	501.3
47.5°	1175.4	1111.1	1039.0	972.6	907.5	841.7	781.0	717.0	661.4	603.8	553.0
45°	1393.5	1307.9	1215.3	1130.9	1039.4	959.9	882.6	809.0	735.9	670.9	606.1
42.5°	1672.4	1547.6	1430.1	1318.1	1202.8	1098.3	995.2	908.1	822.3	741.8	668.7
40°	2031.1	1849.3	1698.4	1537.7	1398.1	1258.1	1134.9	1014.1	916.7	821.3	732.1
37.5°	2454.5	2241.7	2026.3	1806.4	1624.6	1448.7	1290.1	1147.9	1015.3	906.9	804.0
35°	2902.3	2661.9	2403.9	2146.4	1880.8	1667.9	1466.3	1291.1	1136.4	996.6	878.0
32.5°	3349.1	3085.1	2801.0	2507.3	2209.1	1910.9	1669.0	1451.9	1258.4	1099.2	958.9
30°	3795.6	3506.0	3194.8	2874.0	2546.8	2212.2	1882.2	1628.5	1401.3	1201.7	1040.2
27.5°	4243.7	3929.8	3589.3	3236.3	2883.6	2518.7	2153.0	1810.7	1545.4	1319.7	1129.5
25°	4692.2	4341.2	3975.6	3591.4	3206.8	2819.0	2414.9	2033.3	1706.9	1437.8	1211.8
22.5°	5142.1	4748.0	4340.4	3927.7	3514.1	3099.7	2676.7	2251.4	1859.9	1557.9	1308.1
20°	5586.7	5144.0	4697.8	4250.4	3804.7	3361.4	2919.3	2465.2	2039.8	1682.2	1398.0
17.5°	6014.8	5523.1	5038.6	4553.7	4076.9	3607.0	3136.7	2662.5	2200.4	1792.9	1477.3
15°	6422.6	5886.1	5359.9	4839.1	4324.7	3820.0	3329.3	2835.8	2346.5	1908.4	1564.4
12.5°	6807.4	6221.8	5648.6	5083.4	4536.7	4007.8	3497.7	2987.9	2484.1	2020.9	1641.9
10°	7136.0	6507.7	5890.9	5294.8	4720.4	4167.6	3636.6	3116.6	2602.0	2114.5	1705.4
7.5°	7403.2	6737.7	6087.2	5461.8	4864.4	4294.7	3743.9	3215.3	2695.4	2187.6	1754.3
5°	7598.4	6906.8	6232.7	5585.6	4964.1	4387.3	3819.6	3282.8	2763.1	2239.7	1788.5
2.5°	7719.5	7009.1	6319.2	5660.8	5022.2	4442.9	3863.5	3323.7	2801.7	2268.3	1810.1
0°	7742.0	7057.0	6346.4	5668.8	5055.5	4459.5	3875.1	3338.5	2811.7	2274.3	1816.8
-2.5°	7719.5	7009.1	6319.2	5660.8	5022.2	4442.9	3863.5	3323.7	2801.7	2268.3	1810.1
-5°	7598.4	6906.8	6232.7	5585.6	4964.1	4387.3	3819.6	3282.8	2763.1	2239.7	1788.5
-7.5°	7403.2	6737.7	6087.2	5461.8	4864.4	4294.7	3743.9	3215.3	2695.4	2187.6	1754.3
-10°	7136.0	6507.7	5890.9	5294.8	4720.4	4167.6	3636.6	3116.6	2602.0	2114.5	1705.4
-12.5°	6807.4	6221.8	5648.6	5083.4	4536.7	4007.8	3497.7	2987.9	2484.1	2020.9	1641.9
-15°	6422.6	5886.1	5359.9	4839.1	4324.7	3820.0	3329.3	2835.8	2346.5	1908.4	1564.4
-17.5°	6014.8	5523.1	5038.6	4553.7	4076.9	3607.0	3136.7	2662.5	2200.4	1792.9	1477.3
-20°	5586.7	5144.0	4697.8	4250.4	3804.7	3361.4	2919.3	2465.2	2039.8	1682.2	1398.0



REPORT NUMBER: P626923 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA2C-735-U-WR-XX

**CANDELA DISTRIBUTION (continued):**

	20°	22.5°	25°	27.5°	30°	32.5°	35°	37.5°	40°	42.5°	45°
-22.5°	5142.1	4748.0	4340.4	3927.7	3514.1	3099.7	2676.7	2251.4	1859.9	1557.9	1308.1
-25°	4692.2	4341.2	3975.6	3591.4	3206.8	2819.0	2414.9	2033.3	1706.9	1437.8	1211.8
-27.5°	4243.7	3929.8	3589.3	3236.3	2883.6	2518.7	2153.0	1810.7	1545.4	1319.7	1129.5
-30°	3795.6	3506.0	3194.8	2874.0	2546.8	2212.2	1882.2	1628.5	1401.3	1201.7	1040.2
-32.5°	3349.1	3085.1	2801.0	2507.3	2209.1	1910.9	1669.0	1451.9	1258.4	1099.2	958.9
-35°	2902.3	2661.9	2403.9	2146.4	1880.8	1667.9	1466.3	1291.1	1136.4	996.6	878.0
-37.5°	2454.5	2241.7	2026.3	1806.4	1624.6	1448.7	1290.1	1147.9	1015.3	906.9	804.0
-40°	2031.1	1849.3	1698.4	1537.7	1398.1	1258.1	1134.9	1014.1	916.7	821.3	732.1
-42.5°	1672.4	1547.6	1430.1	1318.1	1202.8	1098.3	995.2	908.1	822.3	741.8	668.7
-45°	1393.5	1307.9	1215.3	1130.9	1039.4	959.9	882.6	809.0	735.9	670.9	606.1
-47.5°	1175.4	1111.1	1039.0	972.6	907.5	841.7	781.0	717.0	661.4	603.8	553.0
-50°	996.0	947.4	894.7	841.2	792.0	738.9	689.6	641.2	592.7	547.0	501.3
-52.5°	846.1	811.9	773.6	731.2	691.6	651.3	609.4	572.6	532.5	493.0	453.7
-55°	728.6	701.1	671.3	638.6	604.8	574.4	542.1	509.7	476.9	441.4	409.9
-57.5°	629.5	606.7	583.4	558.3	531.7	506.1	479.8	451.5	424.5	396.3	367.7
-60°	543.2	524.7	506.8	487.4	466.5	444.1	422.3	399.6	375.8	352.5	328.6
-62.5°	464.9	454.6	438.2	421.2	404.8	388.2	368.4	348.5	329.3	309.9	289.9
-65°	388.3	377.8	365.9	355.6	343.2	328.7	312.4	298.2	284.1	268.7	251.6
-67.5°	321.8	313.9	305.0	295.5	286.3	275.7	264.9	253.2	241.1	227.4	214.3
-70°	268.4	263.4	257.0	249.0	240.6	231.7	222.5	212.3	200.3	187.2	176.9
-72.5°	224.7	221.6	216.9	209.8	201.7	193.3	184.4	174.4	162.9	149.8	139.9
-75°	185.5	183.5	179.9	173.2	166.0	158.1	149.8	139.5	127.7	114.4	104.7
-77.5°	145.9	144.9	142.9	137.5	132.0	126.4	119.4	107.5	95.7	84.3	76.9
-80°	105.0	105.0	104.0	99.9	95.6	91.2	85.8	76.6	67.8	59.5	53.7
-82.5°	66.4	65.2	63.7	61.5	59.3	57.1	54.5	48.7	43.2	37.8	33.4
-85°	29.7	28.8	27.9	27.9	27.7	27.4	26.8	24.0	21.4	18.9	16.7
-87.5°	5.0	5.2	5.3	5.5	5.7	5.9	6.1	5.9	5.7	5.5	5.2
-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: P626923 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: GFLD-SA2C-735-U-WR-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°	5.9	6.4	6.8	7.1	7.3	7.4	7.4	7.3	7.0	6.6	6.1
85°	17.5	17.8	17.8	17.3	16.1	14.9	14.9	14.6	14.0	13.2	12.3
82.5°	34.7	35.8	36.4	36.1	33.9	31.5	29.0	26.4	23.5	20.3	18.4
80°	55.8	57.0	57.4	56.5	52.5	48.2	44.5	40.7	36.9	32.7	27.9
77.5°	78.5	79.4	79.7	78.2	73.1	67.6	61.7	55.6	50.3	45.0	39.1
75°	102.9	103.2	103.0	100.4	94.2	87.1	79.9	72.2	64.6	57.4	50.3
72.5°	134.6	130.3	127.1	122.8	115.9	108.0	98.9	88.7	78.9	69.8	61.3
70°	167.8	158.7	151.5	145.0	137.4	129.0	118.9	106.1	93.1	82.0	71.6
67.5°	202.5	191.1	179.7	167.8	158.4	149.0	138.7	123.3	107.7	93.9	81.8
65°	236.2	222.2	209.2	193.7	180.2	168.7	157.1	139.6	121.8	105.7	91.7
62.5°	270.2	251.4	235.2	218.4	202.0	187.7	174.7	154.8	135.3	117.0	101.1
60°	305.0	283.1	261.0	241.7	223.2	205.8	189.6	169.5	148.4	127.8	110.0
57.5°	341.2	314.8	289.6	265.5	244.0	223.9	203.8	183.1	161.0	138.8	118.0
55°	377.8	347.9	318.3	290.6	265.1	242.3	218.7	196.0	173.1	149.4	124.4
52.5°	416.9	381.9	348.5	316.2	287.0	260.3	234.5	208.7	184.6	159.7	131.4
50°	458.4	418.0	379.9	343.7	308.8	278.9	250.0	222.6	195.9	169.6	137.9
47.5°	502.0	456.2	412.8	371.5	333.5	297.0	266.1	236.2	206.8	179.3	143.9
45°	550.0	495.6	446.7	401.3	357.2	317.6	282.0	249.4	218.6	186.4	149.2
42.5°	598.3	538.0	481.9	430.2	383.1	338.4	297.3	263.1	230.0	192.8	154.5
40°	654.0	581.4	517.2	461.2	408.5	358.3	314.9	276.3	240.6	199.1	159.6
37.5°	708.2	628.1	555.8	490.8	433.7	380.6	332.0	288.8	249.0	206.0	164.2
35°	772.1	676.4	592.6	522.1	459.5	401.9	348.0	301.7	258.2	212.7	168.3
32.5°	834.2	725.5	633.9	554.2	484.0	422.1	365.0	314.8	267.5	219.0	171.9
30°	902.4	778.9	672.9	584.3	508.3	442.8	382.1	327.2	277.0	225.0	175.4
27.5°	968.0	828.1	710.9	616.1	533.9	462.2	397.9	338.7	286.4	231.2	179.7
25°	1032.9	881.3	752.7	646.4	557.5	479.9	412.4	349.6	295.7	238.2	183.6
22.5°	1103.4	932.7	790.4	673.6	578.8	496.0	426.3	361.4	304.2	244.9	187.0
20°	1168.3	979.2	824.0	699.7	599.9	513.4	439.3	372.0	311.9	251.2	189.9
17.5°	1229.4	1026.4	861.6	727.9	619.9	528.8	450.7	381.3	318.7	257.0	192.2
15°	1293.5	1073.3	895.4	752.3	637.2	542.0	460.5	389.3	324.5	262.1	194.5
12.5°	1348.3	1113.0	923.8	772.8	651.8	553.1	468.7	396.0	329.3	266.6	196.4
10°	1393.5	1145.2	946.7	789.4	663.5	562.0	475.2	401.4	333.4	270.0	197.5
7.5°	1428.6	1169.8	964.0	802.0	672.5	568.9	480.7	405.6	336.5	272.4	197.8
5°	1453.2	1187.0	976.7	810.8	679.3	573.9	484.6	408.4	338.6	273.7	197.2
2.5°	1466.1	1196.8	984.5	815.5	683.2	576.6	486.7	409.8	339.7	273.8	195.8
0°	1468.1	1198.6	986.7	816.1	684.2	577.0	487.2	409.7	339.6	272.8	193.7
-2.5°	1466.1	1196.8	984.5	815.5	683.2	576.6	486.7	409.8	339.7	273.8	195.8
-5°	1453.2	1187.0	976.7	810.8	679.3	573.9	484.6	408.4	338.6	273.7	197.2
-7.5°	1428.6	1169.8	964.0	802.0	672.5	568.9	480.7	405.6	336.5	272.4	197.8
-10°	1393.5	1145.2	946.7	789.4	663.5	562.0	475.2	401.4	333.4	270.0	197.5
-12.5°	1348.3	1113.0	923.8	772.8	651.8	553.1	468.7	396.0	329.3	266.6	196.4
-15°	1293.5	1073.3	895.4	752.3	637.2	542.0	460.5	389.3	324.5	262.1	194.5
-17.5°	1229.4	1026.4	861.6	727.9	619.9	528.8	450.7	381.3	318.7	257.0	192.2
-20°	1168.3	979.2	824.0	699.7	599.9	513.4	439.3	372.0	311.9	251.2	189.9

Classified

Cooper Lighting Solutions Photometric Lab  
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Peachtree City, GA 30269

Scaled Data Report



REPORT NUMBER: P626923 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA2C-735-U-WR-XX

**CANDELA DISTRIBUTION (continued):**

	47.5°	50°	52.5°	55°	57.5°	60°	62.5°	65°	67.5°	70°	72.5°
-22.5°	1103.4	932.7	790.4	673.6	578.8	496.0	426.3	361.4	304.2	244.9	187.0
-25°	1032.9	881.3	752.7	646.4	557.5	479.9	412.4	349.6	295.7	238.2	183.6
-27.5°	968.0	828.1	710.9	616.1	533.9	462.2	397.9	338.7	286.4	231.2	179.7
-30°	902.4	778.9	672.9	584.3	508.3	442.8	382.1	327.2	277.0	225.0	175.4
-32.5°	834.2	725.5	633.9	554.2	484.0	422.1	365.0	314.8	267.5	219.0	171.9
-35°	772.1	676.4	592.6	522.1	459.5	401.9	348.0	301.7	258.2	212.7	168.3
-37.5°	708.2	628.1	555.8	490.8	433.7	380.6	332.0	288.8	249.0	206.0	164.2
-40°	654.0	581.4	517.2	461.2	408.5	358.3	314.9	276.3	240.6	199.1	159.6
-42.5°	598.3	538.0	481.9	430.2	383.1	338.4	297.3	263.1	230.0	192.8	154.5
-45°	550.0	495.6	446.7	401.3	357.2	317.6	282.0	249.4	218.6	186.4	149.2
-47.5°	502.0	456.2	412.8	371.5	333.5	297.0	266.1	236.2	206.8	179.3	143.9
-50°	458.4	418.0	379.9	343.7	308.8	278.9	250.0	222.6	195.9	169.6	137.9
-52.5°	416.9	381.9	348.5	316.2	287.0	260.3	234.5	208.7	184.6	159.7	131.4
-55°	377.8	347.9	318.3	290.6	265.1	242.3	218.7	196.0	173.1	149.4	124.4
-57.5°	341.2	314.8	289.6	265.5	244.0	223.9	203.8	183.1	161.0	138.8	118.0
-60°	305.0	283.1	261.0	241.7	223.2	205.8	189.6	169.5	148.4	127.8	110.0
-62.5°	270.2	251.4	235.2	218.4	202.0	187.7	174.7	154.8	135.3	117.0	101.1
-65°	236.2	222.2	209.2	193.7	180.2	168.7	157.1	139.6	121.8	105.7	91.7
-67.5°	202.5	191.1	179.7	167.8	158.4	149.0	138.7	123.3	107.7	93.9	81.8
-70°	167.8	158.7	151.5	145.0	137.4	129.0	118.9	106.1	93.1	82.0	71.6
-72.5°	134.6	130.3	127.1	122.8	115.9	108.0	98.9	88.7	78.9	69.8	61.3
-75°	102.9	103.2	103.0	100.4	94.2	87.1	79.9	72.2	64.6	57.4	50.3
-77.5°	78.5	79.4	79.7	78.2	73.1	67.6	61.7	55.6	50.3	45.0	39.1
-80°	55.8	57.0	57.4	56.5	52.5	48.2	44.5	40.7	36.9	32.7	27.9
-82.5°	34.7	35.8	36.4	36.1	33.9	31.5	29.0	26.4	23.5	20.3	18.4
-85°	17.5	17.8	17.8	17.3	16.1	14.9	14.9	14.6	14.0	13.2	12.3
-87.5°	5.9	6.4	6.8	7.1	7.3	7.4	7.4	7.3	7.0	6.6	6.1
-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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REPORT NUMBER: P626923 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA2C-735-U-WR-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°	5.5	4.3	3.2	2.2	1.4	0.6	0.0
85°	11.0	8.6	6.4	4.5	2.7	1.2	0.0
82.5°	16.5	12.9	9.6	6.7	4.1	1.8	0.0
80°	22.4	17.1	12.8	8.9	5.4	2.4	0.0
77.5°	32.1	22.3	15.9	11.0	6.7	2.9	0.0
75°	41.4	29.1	19.2	13.1	8.0	3.5	0.0
72.5°	50.5	35.8	23.8	15.2	9.3	4.1	0.0
70°	59.0	42.2	28.2	17.4	10.6	4.6	0.0
67.5°	66.5	48.2	32.5	20.1	11.8	5.1	0.0
65°	73.5	53.8	36.5	22.7	12.9	5.7	0.0
62.5°	80.2	59.0	40.3	25.1	14.0	6.2	0.0
60°	86.5	63.8	43.8	27.4	15.1	6.7	0.0
57.5°	92.1	68.3	47.1	29.6	16.4	7.1	0.0
55°	97.4	72.4	50.2	31.6	17.7	7.6	0.0
52.5°	102.1	76.2	53.0	33.4	18.9	8.0	0.0
50°	106.5	79.6	55.6	35.0	20.1	8.4	0.0
47.5°	110.5	82.8	57.9	36.5	21.2	8.8	0.0
45°	115.0	85.5	59.9	38.0	22.2	9.2	0.0
42.5°	119.1	88.0	61.7	39.3	23.2	9.5	0.0
40°	122.6	90.0	63.2	40.8	24.1	9.8	0.0
37.5°	125.6	91.7	64.6	42.3	25.0	10.1	0.0
35°	128.1	93.5	65.8	43.6	25.8	10.4	0.0
32.5°	130.4	95.3	66.6	44.8	26.5	10.7	0.0
30°	133.0	96.7	67.3	46.0	27.2	10.9	0.0
27.5°	135.1	97.7	68.7	46.9	27.8	11.1	0.0
25°	136.7	98.2	70.1	47.8	28.3	11.2	0.0
22.5°	137.9	99.0	71.3	48.5	28.8	11.4	0.0
20°	138.5	100.8	72.3	49.1	29.2	11.5	0.0
17.5°	140.1	102.3	73.2	49.6	29.5	11.6	0.0
15°	142.0	103.4	73.9	50.0	29.7	11.6	0.0
12.5°	143.3	104.3	74.4	50.2	29.9	11.7	0.0
10°	144.1	104.8	74.7	50.3	30.0	11.7	0.0
7.5°	144.5	105.0	74.9	50.3	30.0	11.7	0.0
5°	144.3	105.0	74.8	50.1	30.0	11.6	0.0
2.5°	143.7	104.6	74.6	49.9	29.9	11.6	0.0
0°	142.6	103.9	74.2	49.5	29.7	11.5	0.0
-2.5°	143.7	104.6	74.6	49.9	29.9	11.6	0.0
-5°	144.3	105.0	74.8	50.1	30.0	11.6	0.0
-7.5°	144.5	105.0	74.9	50.3	30.0	11.7	0.0
-10°	144.1	104.8	74.7	50.3	30.0	11.7	0.0
-12.5°	143.3	104.3	74.4	50.2	29.9	11.7	0.0
-15°	142.0	103.4	73.9	50.0	29.7	11.6	0.0
-17.5°	140.1	102.3	73.2	49.6	29.5	11.6	0.0
-20°	138.5	100.8	72.3	49.1	29.2	11.5	0.0

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**CANDELA DISTRIBUTION (continued):**

	75°	77.5°	80°	82.5°	85°	87.5°	90°
-22.5°	137.9	99.0	71.3	48.5	28.8	11.4	0.0
-25°	136.7	98.2	70.1	47.8	28.3	11.2	0.0
-27.5°	135.1	97.7	68.7	46.9	27.8	11.1	0.0
-30°	133.0	96.7	67.3	46.0	27.2	10.9	0.0
-32.5°	130.4	95.3	66.6	44.8	26.5	10.7	0.0
-35°	128.1	93.5	65.8	43.6	25.8	10.4	0.0
-37.5°	125.6	91.7	64.6	42.3	25.0	10.1	0.0
-40°	122.6	90.0	63.2	40.8	24.1	9.8	0.0
-42.5°	119.1	88.0	61.7	39.3	23.2	9.5	0.0
-45°	115.0	85.5	59.9	38.0	22.2	9.2	0.0
-47.5°	110.5	82.8	57.9	36.5	21.2	8.8	0.0
-50°	106.5	79.6	55.6	35.0	20.1	8.4	0.0
-52.5°	102.1	76.2	53.0	33.4	18.9	8.0	0.0
-55°	97.4	72.4	50.2	31.6	17.7	7.6	0.0
-57.5°	92.1	68.3	47.1	29.6	16.4	7.1	0.0
-60°	86.5	63.8	43.8	27.4	15.1	6.7	0.0
-62.5°	80.2	59.0	40.3	25.1	14.0	6.2	0.0
-65°	73.5	53.8	36.5	22.7	12.9	5.7	0.0
-67.5°	66.5	48.2	32.5	20.1	11.8	5.1	0.0
-70°	59.0	42.2	28.2	17.4	10.6	4.6	0.0
-72.5°	50.5	35.8	23.8	15.2	9.3	4.1	0.0
-75°	41.4	29.1	19.2	13.1	8.0	3.5	0.0
-77.5°	32.1	22.3	15.9	11.0	6.7	2.9	0.0
-80°	22.4	17.1	12.8	8.9	5.4	2.4	0.0
-82.5°	16.5	12.9	9.6	6.7	4.1	1.8	0.0
-85°	11.0	8.6	6.4	4.5	2.7	1.2	0.0
-87.5°	5.5	4.3	3.2	2.2	1.4	0.6	0.0
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0

(END OF REPORT)