

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: P627173 (CONVERTED FROM TYPE C PHOTOMETRY)

Luminaire Tested: **GFLD-SA3C-740-U-WR-XX**

Issue Date: 12/7/2022

**Test Information**

Test Method: LM-79-08  
Report Number: P627173 (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-SA3C-740-U-WR-XX  
Description: GALLEON FLOOD, THREE LIGHT SQAURE, WIDE SYMMETRICAL ROUND N77  
Light Source: (48) 4000K CCT, 70 CRI LEDS  
Ballast/Driver: -

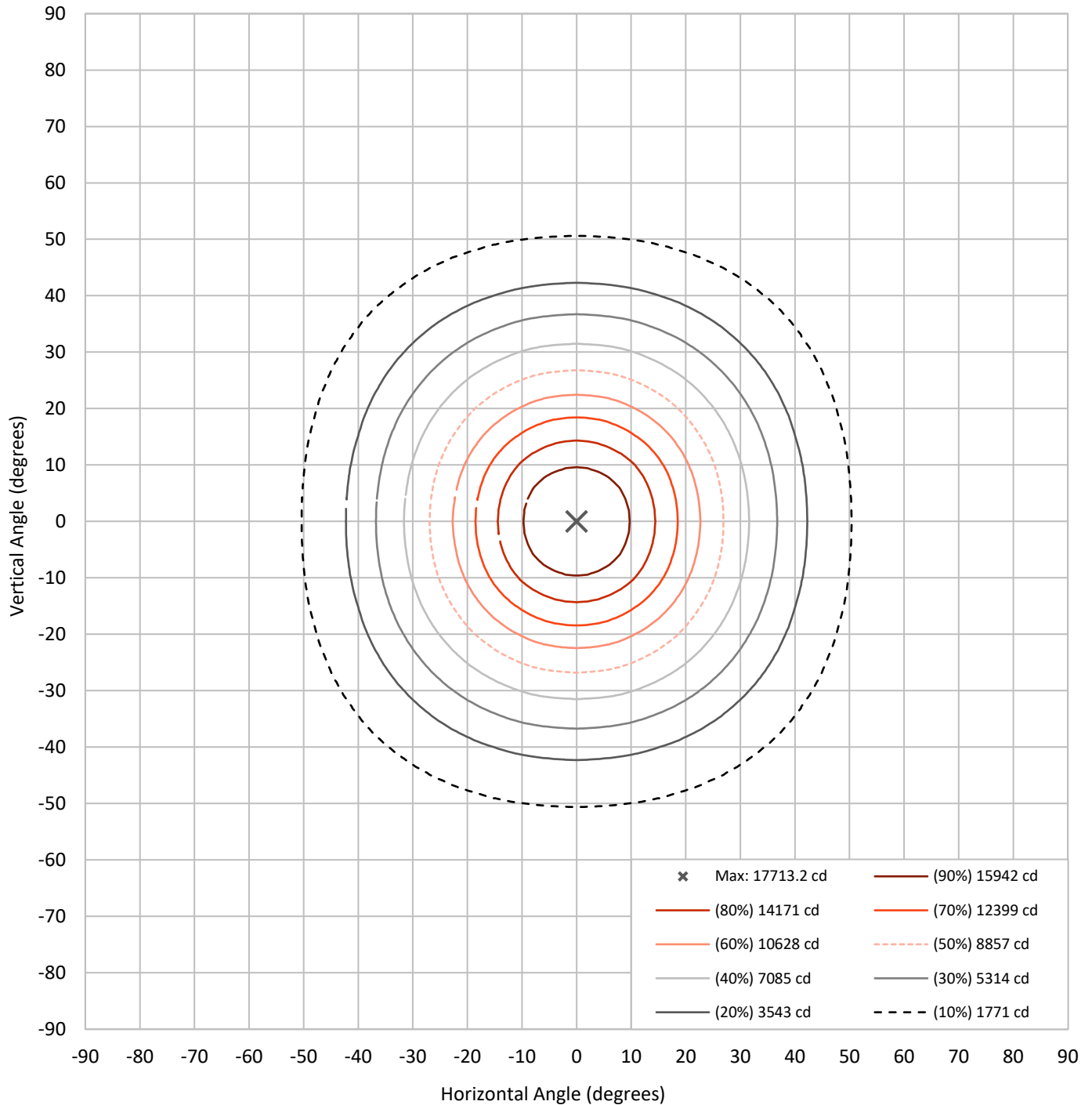
**Summary**

Lumens per Lamp:	N/A	NEMA Type:	6H x 6V
Luminaire Lumens:	18027.9 lumens	Max Intensity:	17713.2 candela
Efficiency:	N/A	Max Intensity Angle:	0°H x 0°V
Efficacy:	148.1 lumens/watt		
Luminous Opening:	Rectangular (W 1.5' 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:	8619.8 lumens	Field Lumens:	15910.3 lumens
Beam Efficiency:	47.8%	Field Efficiency:	88.3%
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





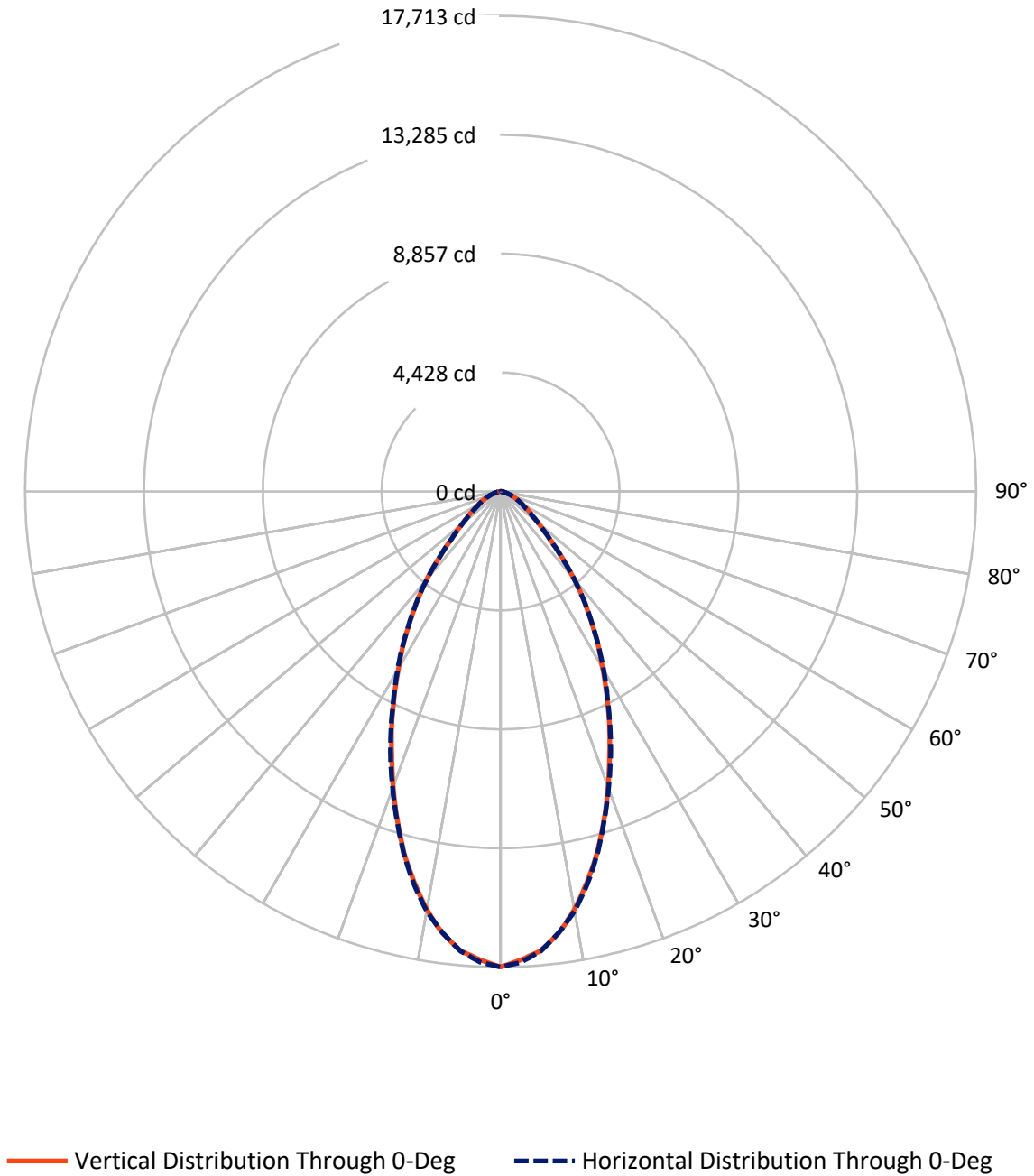
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### Lumen Table

90															90				
80	0.7	5.0		11.3		18.9		16.2		18.9		11.3		5.0		0.7			
70															70				
60	2.3	2.7	5.2	8.3	12.0	15.6	18.3	19.6	19.6	18.3	15.6	12.0	8.3	5.2	2.7	2.3			
		3.9	7.8	13.5	20.8	28.5	35.6	39.7	39.7	35.6	28.5	20.8	13.5	7.8	3.9				
50															50				
40	3.4	5.0	10.8	20.2	34.0	52.3	72.1	85.4	85.4	72.1	52.3	34.0	20.2	10.8	5.0	3.4			
		6.0	14.2	29.4	57.1	101.5	147.4	174.9	174.9	147.4	101.5	57.1	29.4	14.2	6.0				
30															30				
20	4.1	7.0	17.6	41.1	92.4	166.0	237.6	284.0	284.0	237.6	166.0	92.4	41.1	17.6	7.0	4.1			
		7.8	20.7	53.3	126.1	224.2	331.0	407.2	407.2	331.0	224.2	126.1	53.3	20.7	7.8				
10															10				
0	4.3	8.2	22.4	61.2	145.1	260.7	396.7	498.8	498.8	396.7	260.7	145.1	61.2	22.4	8.2	4.3			
		8.2	22.4	61.2	145.1	260.7	396.7	498.8	498.8	396.7	260.7	145.1	61.2	22.4	8.2				
-10															-10				
-20	4.1	7.8	20.7	53.3	126.1	224.2	331.0	407.2	407.2	331.0	224.2	126.1	53.3	20.7	7.8	4.1			
		7.0	17.6	41.1	92.4	166.0	237.6	284.0	284.0	237.6	166.0	92.4	41.1	17.6	7.0				
-30															-30				
-40	3.4	6.0	14.2	29.4	57.1	101.5	147.4	174.9	174.9	147.4	101.5	57.1	29.4	14.2	6.0	3.4			
		5.0	10.8	20.2	34.0	52.3	72.1	85.4	85.4	72.1	52.3	34.0	20.2	10.8	5.0				
-50															-50				
-60	2.3	3.9	7.8	13.5	20.8	28.5	35.6	39.7	39.7	35.6	28.5	20.8	13.5	7.8	3.9	2.3			
		2.7	5.2	8.3	12.0	15.6	18.3	19.6	19.6	18.3	15.6	12.0	8.3	5.2	2.7				
-70															-70				
-80	0.7	5.0		11.3		18.9		16.2		18.9		11.3		5.0		0.7			
-90															-90				
	-90	-80	-70	-60	-50	-40	-30	-20	-10	0	10	20	30	40	50	60	70	80	90

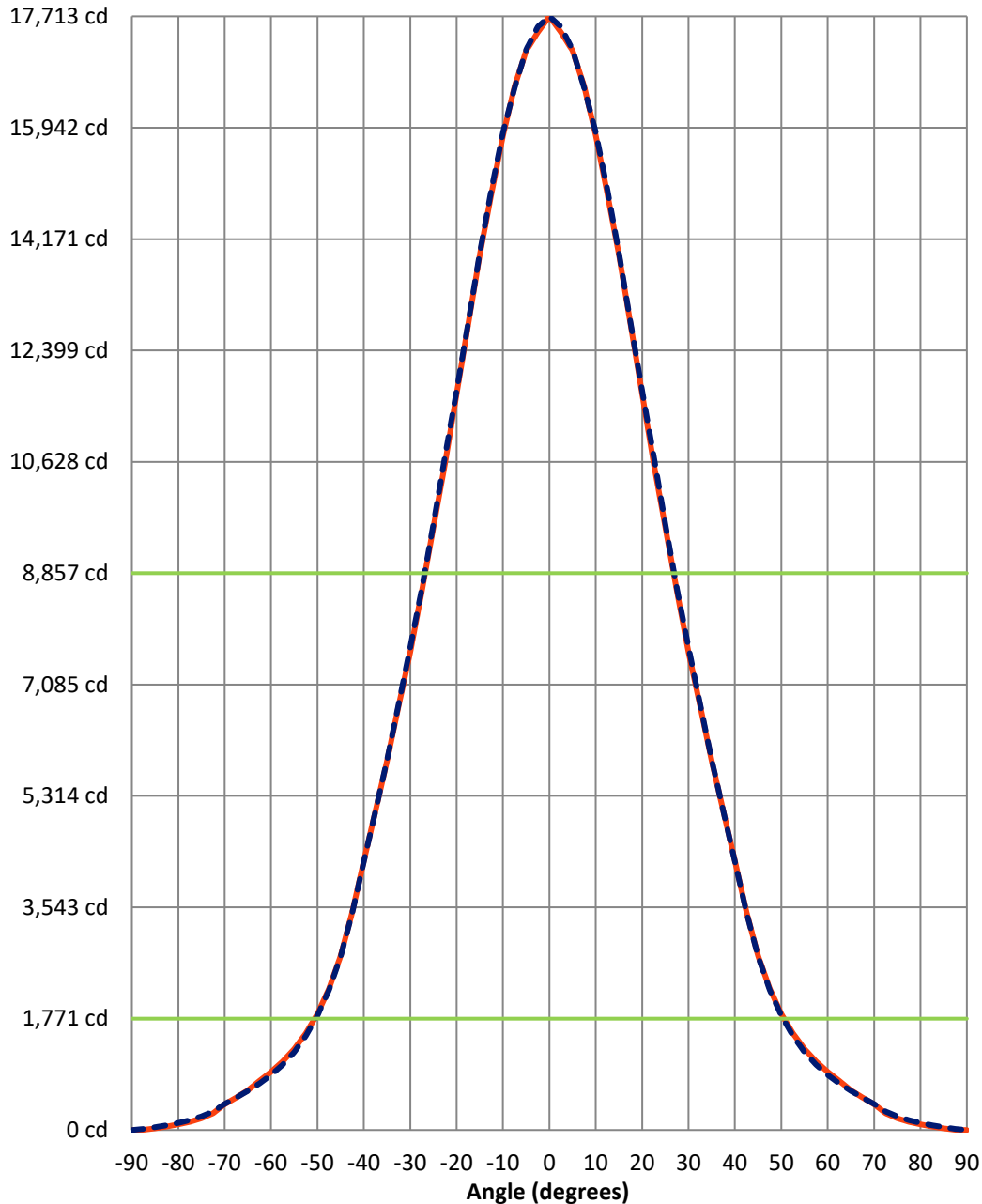
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### Luminous Intensity Polar Plot



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### Luminous Intensity Plot



**Beam:**  
H Angle: 53.8°  
V Angle: 53.6°  
Lumens: 8619.8  
Efficiency: 47.8%

**Field:**  
H Angle: 100.8°  
V Angle: 101.2°  
Lumens: 15910.3  
Efficiency: 88.3%

**Spill:**  
Lumens: 2117.7  
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	0.9	2.1	3.4	4.9	6.6	8.4	9.3	10.1	10.7	11.1
85°	0.0	1.8	4.1	6.8	9.8	13.1	16.8	18.6	20.1	21.3	22.3
82.5°	0.0	2.7	6.2	10.1	14.6	19.6	25.1	27.9	30.8	35.7	40.0
80°	0.0	3.6	8.2	13.4	19.4	26.0	34.1	42.4	49.6	56.0	61.7
77.5°	0.0	4.5	10.2	16.7	24.1	33.8	48.7	59.4	68.4	76.4	84.4
75°	0.0	5.3	12.2	19.9	29.2	44.2	62.9	76.4	87.1	98.0	109.7
72.5°	0.0	6.2	14.1	23.1	36.1	54.3	76.6	93.1	106.0	119.9	134.7
70°	0.0	7.0	16.0	26.4	42.9	64.0	89.6	108.8	124.5	141.4	161.2
67.5°	0.0	7.8	17.8	30.5	49.3	73.3	100.9	124.2	142.7	163.6	187.3
65°	0.0	8.6	19.6	34.4	55.4	81.8	111.7	139.3	160.6	184.9	212.0
62.5°	0.0	9.4	21.3	38.2	61.2	89.6	121.8	153.5	177.7	205.4	235.1
60°	0.0	10.1	22.9	41.7	66.6	96.9	131.3	167.0	194.1	225.3	257.4
57.5°	0.0	10.8	24.9	44.9	71.6	103.7	139.9	179.2	210.7	244.4	278.0
55°	0.0	11.5	26.8	48.0	76.3	109.9	147.8	188.9	226.9	262.8	297.6
52.5°	0.0	12.2	28.7	50.7	80.5	115.6	155.1	199.5	242.5	280.3	316.9
50°	0.0	12.8	30.4	53.2	84.4	120.9	161.6	209.4	257.5	297.4	338.0
47.5°	0.0	13.4	32.1	55.5	87.9	125.6	167.7	218.5	272.3	314.0	358.7
45°	0.0	13.9	33.7	57.8	90.9	129.8	174.6	226.6	282.9	332.0	378.8
42.5°	0.0	14.5	35.2	59.7	93.6	133.5	180.8	234.5	292.7	349.4	399.6
40°	0.0	15.0	36.6	61.9	95.9	136.6	186.1	242.3	302.3	365.5	419.6
37.5°	0.0	15.4	37.9	64.2	98.1	139.1	190.7	249.3	312.9	378.2	438.7
35°	0.0	15.8	39.2	66.2	99.8	141.9	194.5	255.5	323.0	392.2	458.1
32.5°	0.0	16.2	40.3	68.1	101.1	144.6	198.0	261.0	332.6	406.3	478.1
30°	0.0	16.5	41.3	69.8	102.0	146.7	201.9	266.3	341.7	420.7	496.9
27.5°	0.0	16.8	42.2	71.2	104.2	148.2	205.1	272.9	351.2	435.1	514.5
25°	0.0	17.1	43.0	72.5	106.3	149.1	207.6	278.8	361.8	449.2	530.9
22.5°	0.0	17.3	43.7	73.7	108.2	150.3	209.4	284.0	372.0	462.1	548.9
20°	0.0	17.5	44.3	74.6	109.8	153.0	210.4	288.4	381.5	473.7	565.0
17.5°	0.0	17.6	44.8	75.3	111.1	155.3	212.7	291.9	390.3	484.0	579.1
15°	0.0	17.7	45.1	75.8	112.2	157.0	215.6	295.3	398.2	492.8	591.3
12.5°	0.0	17.8	45.4	76.2	113.0	158.3	217.6	298.3	404.9	500.2	601.4
10°	0.0	17.8	45.6	76.3	113.5	159.1	218.9	300.0	410.1	506.4	609.6
7.5°	0.0	17.8	45.6	76.3	113.7	159.5	219.4	300.4	413.7	511.1	616.0
5°	0.0	17.7	45.5	76.1	113.7	159.3	219.2	299.5	415.7	514.3	620.2
2.5°	0.0	17.6	45.4	75.7	113.3	158.7	218.3	297.4	416.0	515.9	622.3
0°	0.0	17.5	45.1	75.1	112.7	157.7	216.6	294.2	414.4	515.8	622.2
-2.5°	0.0	17.6	45.4	75.7	113.3	158.7	218.3	297.4	416.0	515.9	622.3
-5°	0.0	17.7	45.5	76.1	113.7	159.3	219.2	299.5	415.7	514.3	620.2
-7.5°	0.0	17.8	45.6	76.3	113.7	159.5	219.4	300.4	413.7	511.1	616.0
-10°	0.0	17.8	45.6	76.3	113.5	159.1	218.9	300.0	410.1	506.4	609.6
-12.5°	0.0	17.8	45.4	76.2	113.0	158.3	217.6	298.3	404.9	500.2	601.4
-15°	0.0	17.7	45.1	75.8	112.2	157.0	215.6	295.3	398.2	492.8	591.3
-17.5°	0.0	17.6	44.8	75.3	111.1	155.3	212.7	291.9	390.3	484.0	579.1
-20°	0.0	17.5	44.3	74.6	109.8	153.0	210.4	288.4	381.5	473.7	565.0

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CATALOG NUMBER: GFLD-SA3C-740-U-WR-XX

**CANDELA DISTRIBUTION (continued):**

	-90°	-87.5°	-85°	-82.5°	-80°	-77.5°	-75°	-72.5°	-70°	-67.5°	-65°
-22.5°	0.0	17.3	43.7	73.7	108.2	150.3	209.4	284.0	372.0	462.1	548.9
-25°	0.0	17.1	43.0	72.5	106.3	149.1	207.6	278.8	361.8	449.2	530.9
-27.5°	0.0	16.8	42.2	71.2	104.2	148.2	205.1	272.9	351.2	435.1	514.5
-30°	0.0	16.5	41.3	69.8	102.0	146.7	201.9	266.3	341.7	420.7	496.9
-32.5°	0.0	16.2	40.3	68.1	101.1	144.6	198.0	261.0	332.6	406.3	478.1
-35°	0.0	15.8	39.2	66.2	99.8	141.9	194.5	255.5	323.0	392.2	458.1
-37.5°	0.0	15.4	37.9	64.2	98.1	139.1	190.7	249.3	312.9	378.2	438.7
-40°	0.0	15.0	36.6	61.9	95.9	136.6	186.1	242.3	302.3	365.5	419.6
-42.5°	0.0	14.5	35.2	59.7	93.6	133.5	180.8	234.5	292.7	349.4	399.6
-45°	0.0	13.9	33.7	57.8	90.9	129.8	174.6	226.6	282.9	332.0	378.8
-47.5°	0.0	13.4	32.1	55.5	87.9	125.6	167.7	218.5	272.3	314.0	358.7
-50°	0.0	12.8	30.4	53.2	84.4	120.9	161.6	209.4	257.5	297.4	338.0
-52.5°	0.0	12.2	28.7	50.7	80.5	115.6	155.1	199.5	242.5	280.3	316.9
-55°	0.0	11.5	26.8	48.0	76.3	109.9	147.8	188.9	226.9	262.8	297.6
-57.5°	0.0	10.8	24.9	44.9	71.6	103.7	139.9	179.2	210.7	244.4	278.0
-60°	0.0	10.1	22.9	41.7	66.6	96.9	131.3	167.0	194.1	225.3	257.4
-62.5°	0.0	9.4	21.3	38.2	61.2	89.6	121.8	153.5	177.7	205.4	235.1
-65°	0.0	8.6	19.6	34.4	55.4	81.8	111.7	139.3	160.6	184.9	212.0
-67.5°	0.0	7.8	17.8	30.5	49.3	73.3	100.9	124.2	142.7	163.6	187.3
-70°	0.0	7.0	16.0	26.4	42.9	64.0	89.6	108.8	124.5	141.4	161.2
-72.5°	0.0	6.2	14.1	23.1	36.1	54.3	76.6	93.1	106.0	119.9	134.7
-75°	0.0	5.3	12.2	19.9	29.2	44.2	62.9	76.4	87.1	98.0	109.7
-77.5°	0.0	4.5	10.2	16.7	24.1	33.8	48.7	59.4	68.4	76.4	84.4
-80°	0.0	3.6	8.2	13.4	19.4	26.0	34.1	42.4	49.6	56.0	61.7
-82.5°	0.0	2.7	6.2	10.1	14.6	19.6	25.1	27.9	30.8	35.7	40.0
-85°	0.0	1.8	4.1	6.8	9.8	13.1	16.8	18.6	20.1	21.3	22.3
-87.5°	0.0	0.9	2.1	3.4	4.9	6.6	8.4	9.3	10.1	10.7	11.1
-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°	11.3	11.3	11.1	10.8	10.3	9.7	8.9	8.0	8.3	8.7	9.0
85°	22.6	22.6	24.5	26.2	27.0	27.1	26.6	25.4	28.7	32.5	36.5
82.5°	44.1	47.9	51.5	54.9	55.3	54.4	52.7	50.8	57.4	65.5	74.0
80°	67.5	73.2	79.7	85.8	87.2	86.6	84.7	81.6	90.4	102.9	116.4
77.5°	93.8	102.7	111.0	118.7	120.9	120.6	119.2	116.7	127.9	145.2	163.2
75°	121.4	132.2	143.0	152.4	156.4	156.8	156.3	158.9	173.7	194.0	211.8
72.5°	150.2	164.0	176.1	186.5	193.0	197.9	204.5	212.5	227.4	247.3	264.9
70°	180.6	196.0	208.7	220.2	230.2	241.0	254.9	268.6	284.3	304.2	322.4
67.5°	210.7	226.2	240.6	254.8	272.9	290.2	307.5	325.4	345.2	366.1	384.5
65°	238.5	256.1	273.7	294.3	317.8	337.4	358.7	382.0	408.0	431.5	452.8
62.5°	265.3	285.1	306.8	331.7	357.2	381.7	410.3	440.3	470.7	500.1	529.2
60°	287.8	312.5	338.9	367.0	396.4	429.8	463.3	499.0	535.3	570.7	606.8
57.5°	309.5	340.0	370.4	403.1	439.8	478.1	518.3	558.5	601.8	644.7	685.7
55°	332.1	368.0	402.6	441.4	483.4	528.3	573.7	622.4	670.3	724.3	774.1
52.5°	356.1	395.2	435.9	480.3	529.3	580.0	633.2	689.1	748.7	808.7	869.6
50°	379.6	423.6	469.0	522.0	576.9	634.8	696.2	761.3	830.8	900.2	973.8
47.5°	404.1	451.2	506.5	564.2	627.0	692.9	762.4	839.9	917.1	1004.5	1088.9
45°	428.4	482.4	542.5	609.4	678.4	752.6	835.4	920.5	1018.9	1117.6	1228.6
42.5°	451.6	513.9	581.7	653.3	731.8	817.1	908.7	1015.6	1126.6	1248.9	1379.1
40°	478.3	544.1	620.4	700.4	785.5	883.1	993.2	1111.9	1247.3	1392.2	1540.2
37.5°	504.2	578.1	658.6	745.4	844.1	954.0	1075.6	1221.1	1377.4	1542.0	1743.3
35°	528.5	610.4	697.9	793.0	900.0	1027.2	1172.6	1333.4	1513.6	1725.9	1960.8
32.5°	554.3	641.1	735.0	841.7	962.8	1101.8	1267.0	1456.3	1669.4	1911.2	2205.1
30°	580.3	672.6	771.9	887.3	1022.0	1182.9	1370.6	1579.8	1825.0	2128.3	2473.2
27.5°	604.3	702.1	810.9	935.6	1079.6	1257.7	1470.1	1715.4	2004.2	2347.0	2750.0
25°	626.4	728.9	846.7	981.7	1143.1	1338.4	1568.8	1840.4	2183.6	2592.3	3088.0
22.5°	647.5	753.4	879.0	1023.1	1200.4	1416.6	1675.8	1986.6	2366.0	2824.7	3419.2
20°	667.2	779.8	911.1	1062.7	1251.5	1487.1	1774.2	2123.1	2554.9	3097.9	3744.0
17.5°	684.6	803.1	941.5	1105.5	1308.5	1558.8	1867.1	2243.7	2723.0	3341.8	4043.7
15°	699.5	823.2	967.8	1142.5	1359.8	1630.1	1964.5	2375.9	2898.3	3563.7	4306.8
12.5°	711.9	840.0	989.9	1173.7	1402.9	1690.3	2047.7	2493.6	3069.2	3772.7	4537.8
10°	721.8	853.5	1007.7	1198.9	1437.7	1739.3	2116.3	2590.0	3211.3	3951.8	4733.2
7.5°	730.0	864.0	1021.3	1218.0	1464.0	1776.7	2169.7	2664.4	3322.4	4093.7	4883.2
5°	735.9	871.6	1031.7	1231.4	1483.3	1802.8	2207.0	2716.4	3401.4	4196.4	4985.7
2.5°	739.2	875.7	1037.6	1238.5	1495.1	1817.5	2226.6	2749.0	3444.8	4255.1	5047.7
0°	739.9	876.3	1039.1	1239.4	1498.5	1820.3	2229.6	2759.2	3454.0	4270.2	5070.2
-2.5°	739.2	875.7	1037.6	1238.5	1495.1	1817.5	2226.6	2749.0	3444.8	4255.1	5047.7
-5°	735.9	871.6	1031.7	1231.4	1483.3	1802.8	2207.0	2716.4	3401.4	4196.4	4985.7
-7.5°	730.0	864.0	1021.3	1218.0	1464.0	1776.7	2169.7	2664.4	3322.4	4093.7	4883.2
-10°	721.8	853.5	1007.7	1198.9	1437.7	1739.3	2116.3	2590.0	3211.3	3951.8	4733.2
-12.5°	711.9	840.0	989.9	1173.7	1402.9	1690.3	2047.7	2493.6	3069.2	3772.7	4537.8
-15°	699.5	823.2	967.8	1142.5	1359.8	1630.1	1964.5	2375.9	2898.3	3563.7	4306.8
-17.5°	684.6	803.1	941.5	1105.5	1308.5	1558.8	1867.1	2243.7	2723.0	3341.8	4043.7
-20°	667.2	779.8	911.1	1062.7	1251.5	1487.1	1774.2	2123.1	2554.9	3097.9	3744.0

Classified

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

Scaled Data Report



REPORT NUMBER: P627173 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA3C-740-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°	647.5	753.4	879.0	1023.1	1200.4	1416.6	1675.8	1986.6	2366.0	2824.7	3419.2
-25°	626.4	728.9	846.7	981.7	1143.1	1338.4	1568.8	1840.4	2183.6	2592.3	3088.0
-27.5°	604.3	702.1	810.9	935.6	1079.6	1257.7	1470.1	1715.4	2004.2	2347.0	2750.0
-30°	580.3	672.6	771.9	887.3	1022.0	1182.9	1370.6	1579.8	1825.0	2128.3	2473.2
-32.5°	554.3	641.1	735.0	841.7	962.8	1101.8	1267.0	1456.3	1669.4	1911.2	2205.1
-35°	528.5	610.4	697.9	793.0	900.0	1027.2	1172.6	1333.4	1513.6	1725.9	1960.8
-37.5°	504.2	578.1	658.6	745.4	844.1	954.0	1075.6	1221.1	1377.4	1542.0	1743.3
-40°	478.3	544.1	620.4	700.4	785.5	883.1	993.2	1111.9	1247.3	1392.2	1540.2
-42.5°	451.6	513.9	581.7	653.3	731.8	817.1	908.7	1015.6	1126.6	1248.9	1379.1
-45°	428.4	482.4	542.5	609.4	678.4	752.6	835.4	920.5	1018.9	1117.6	1228.6
-47.5°	404.1	451.2	506.5	564.2	627.0	692.9	762.4	839.9	917.1	1004.5	1088.9
-50°	379.6	423.6	469.0	522.0	576.9	634.8	696.2	761.3	830.8	900.2	973.8
-52.5°	356.1	395.2	435.9	480.3	529.3	580.0	633.2	689.1	748.7	808.7	869.6
-55°	332.1	368.0	402.6	441.4	483.4	528.3	573.7	622.4	670.3	724.3	774.1
-57.5°	309.5	340.0	370.4	403.1	439.8	478.1	518.3	558.5	601.8	644.7	685.7
-60°	287.8	312.5	338.9	367.0	396.4	429.8	463.3	499.0	535.3	570.7	606.8
-62.5°	265.3	285.1	306.8	331.7	357.2	381.7	410.3	440.3	470.7	500.1	529.2
-65°	238.5	256.1	273.7	294.3	317.8	337.4	358.7	382.0	408.0	431.5	452.8
-67.5°	210.7	226.2	240.6	254.8	272.9	290.2	307.5	325.4	345.2	366.1	384.5
-70°	180.6	196.0	208.7	220.2	230.2	241.0	254.9	268.6	284.3	304.2	322.4
-72.5°	150.2	164.0	176.1	186.5	193.0	197.9	204.5	212.5	227.4	247.3	264.9
-75°	121.4	132.2	143.0	152.4	156.4	156.8	156.3	158.9	173.7	194.0	211.8
-77.5°	93.8	102.7	111.0	118.7	120.9	120.6	119.2	116.7	127.9	145.2	163.2
-80°	67.5	73.2	79.7	85.8	87.2	86.6	84.7	81.6	90.4	102.9	116.4
-82.5°	44.1	47.9	51.5	54.9	55.3	54.4	52.7	50.8	57.4	65.5	74.0
-85°	22.6	22.6	24.5	26.2	27.0	27.1	26.6	25.4	28.7	32.5	36.5
-87.5°	11.3	11.3	11.1	10.8	10.3	9.7	8.9	8.0	8.3	8.7	9.0
-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: P627173 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: GFLD-SA3C-740-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°	9.3	9.0	8.7	8.4	8.0	7.8	7.7	7.5	7.2	6.7	6.2
85°	40.7	41.6	42.1	42.4	42.4	43.8	45.0	46.2	47.2	42.8	37.9
82.5°	82.8	86.7	90.1	93.5	96.8	99.1	100.9	102.1	102.9	93.2	82.2
80°	130.3	138.5	145.2	151.7	157.9	159.4	159.4	158.5	156.8	143.5	128.4
77.5°	181.2	191.9	200.4	208.8	217.1	220.1	221.6	222.8	223.5	207.0	186.7
75°	227.4	240.2	252.1	263.1	273.2	278.6	281.8	284.4	286.4	269.8	248.0
72.5°	280.1	293.6	306.4	318.6	329.4	336.6	341.2	345.1	348.1	338.6	325.0
70°	338.0	352.0	365.6	378.3	390.4	400.0	407.6	414.1	419.5	420.6	420.1
67.5°	402.3	418.8	434.9	448.7	463.2	476.8	488.7	498.6	506.6	511.8	514.7
65°	474.4	499.2	521.3	540.0	555.6	573.7	589.7	601.9	610.4	617.0	622.6
62.5°	559.5	589.6	614.8	639.7	665.4	690.4	706.0	721.7	737.0	751.4	763.8
60°	641.4	674.3	708.5	740.3	769.7	796.8	824.9	849.7	871.4	889.6	903.2
57.5°	728.7	768.8	807.6	848.0	886.0	921.4	956.1	988.0	1015.6	1038.9	1057.9
55°	823.4	872.4	918.5	969.8	1019.5	1064.8	1106.5	1149.3	1187.9	1221.8	1248.7
52.5°	925.4	989.2	1050.2	1110.4	1174.9	1233.0	1285.1	1344.4	1397.0	1440.4	1474.3
50°	1047.3	1122.2	1202.8	1277.5	1358.8	1438.8	1512.6	1584.1	1653.9	1714.4	1763.3
47.5°	1186.1	1278.3	1378.2	1477.2	1578.0	1687.4	1785.0	1875.8	1973.5	2058.4	2126.5
45°	1340.4	1457.9	1578.6	1717.6	1845.7	1986.3	2116.4	2233.3	2371.9	2494.0	2592.3
42.5°	1511.5	1668.1	1826.7	2001.9	2171.8	2350.3	2539.9	2708.0	2891.9	3067.2	3208.8
40°	1723.7	1910.7	2123.3	2335.3	2579.3	2808.5	3084.6	3335.6	3563.5	3772.4	3943.7
37.5°	1959.4	2200.2	2467.3	2743.5	3077.3	3404.5	3727.7	4032.9	4302.3	4531.0	4722.9
35°	2227.0	2533.1	2856.5	3259.7	3650.8	4042.7	4407.7	4741.3	5034.4	5292.4	5511.9
32.5°	2534.8	2902.2	3354.9	3807.9	4254.0	4685.5	5086.3	5450.1	5771.4	6061.2	6313.6
30°	2858.5	3359.7	3867.9	4364.8	4852.1	5324.7	5764.6	6165.2	6528.4	6851.0	7141.7
27.5°	3269.7	3825.2	4379.3	4915.0	5451.0	5968.3	6445.0	6890.1	7306.8	7671.4	8003.7
25°	3667.5	4281.2	4870.2	5454.3	6037.8	6593.1	7126.2	7628.9	8106.1	8524.6	8895.6
22.5°	4065.2	4707.6	5337.0	5965.0	6591.8	7210.9	7809.4	8385.5	8919.1	9395.6	9813.3
20°	4433.6	5105.1	5778.2	6455.2	7134.6	7812.3	8484.6	9132.8	9727.3	10277.4	10760.8
17.5°	4763.9	5478.0	6191.7	6915.8	7652.3	8388.0	9134.8	9861.5	10541.2	11167.1	11727.8
15°	5056.3	5801.5	6567.9	7349.3	8140.3	8939.3	9754.1	10567.1	11332.3	12043.2	12669.3
12.5°	5312.0	6086.7	6890.0	7720.3	8578.8	9449.2	10338.5	11229.7	12076.7	12897.5	13573.5
10°	5523.0	6329.3	7169.0	8041.3	8946.6	9883.5	10837.5	11796.9	12730.0	13600.7	14373.8
7.5°	5686.0	6522.5	7387.7	8295.0	9244.8	10232.7	11243.4	12261.4	13257.3	14195.4	15050.8
5°	5800.9	6663.1	7539.2	8483.0	9465.7	10489.5	11540.0	12600.8	13641.9	14628.3	15514.8
2.5°	5867.6	6747.5	7627.3	8597.2	9597.1	10644.9	11723.8	12802.1	13870.7	14893.8	15804.8
0°	5885.2	6772.8	7677.9	8609.4	9638.4	10717.6	11757.9	12839.5	13950.0	14959.0	15866.6
-2.5°	5867.6	6747.5	7627.3	8597.2	9597.1	10644.9	11723.8	12802.1	13870.7	14893.8	15804.8
-5°	5800.9	6663.1	7539.2	8483.0	9465.7	10489.5	11540.0	12600.8	13641.9	14628.3	15514.8
-7.5°	5686.0	6522.5	7387.7	8295.0	9244.8	10232.7	11243.4	12261.4	13257.3	14195.4	15050.8
-10°	5523.0	6329.3	7169.0	8041.3	8946.6	9883.5	10837.5	11796.9	12730.0	13600.7	14373.8
-12.5°	5312.0	6086.7	6890.0	7720.3	8578.8	9449.2	10338.5	11229.7	12076.7	12897.5	13573.5
-15°	5056.3	5801.5	6567.9	7349.3	8140.3	8939.3	9754.1	10567.1	11332.3	12043.2	12669.3
-17.5°	4763.9	5478.0	6191.7	6915.8	7652.3	8388.0	9134.8	9861.5	10541.2	11167.1	11727.8
-20°	4433.6	5105.1	5778.2	6455.2	7134.6	7812.3	8484.6	9132.8	9727.3	10277.4	10760.8



REPORT NUMBER: P627173 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: GFLD-SA3C-740-U-WR-XX

**CANDELA DISTRIBUTION (continued):**

	-35°	-32.5°	-30°	-27.5°	-25°	-22.5°	-20°	-17.5°	-15°	-12.5°	-10°
-22.5°	4065.2	4707.6	5337.0	5965.0	6591.8	7210.9	7809.4	8385.5	8919.1	9395.6	9813.3
-25°	3667.5	4281.2	4870.2	5454.3	6037.8	6593.1	7126.2	7628.9	8106.1	8524.6	8895.6
-27.5°	3269.7	3825.2	4379.3	4915.0	5451.0	5968.3	6445.0	6890.1	7306.8	7671.4	8003.7
-30°	2858.5	3359.7	3867.9	4364.8	4852.1	5324.7	5764.6	6165.2	6528.4	6851.0	7141.7
-32.5°	2534.8	2902.2	3354.9	3807.9	4254.0	4685.5	5086.3	5450.1	5771.4	6061.2	6313.6
-35°	2227.0	2533.1	2856.5	3259.7	3650.8	4042.7	4407.7	4741.3	5034.4	5292.4	5511.9
-37.5°	1959.4	2200.2	2467.3	2743.5	3077.3	3404.5	3727.7	4032.9	4302.3	4531.0	4722.9
-40°	1723.7	1910.7	2123.3	2335.3	2579.3	2808.5	3084.6	3335.6	3563.5	3772.4	3943.7
-42.5°	1511.5	1668.1	1826.7	2001.9	2171.8	2350.3	2539.9	2708.0	2891.9	3067.2	3208.8
-45°	1340.4	1457.9	1578.6	1717.6	1845.7	1986.3	2116.4	2233.3	2371.9	2494.0	2592.3
-47.5°	1186.1	1278.3	1378.2	1477.2	1578.0	1687.4	1785.0	1875.8	1973.5	2058.4	2126.5
-50°	1047.3	1122.2	1202.8	1277.5	1358.8	1438.8	1512.6	1584.1	1653.9	1714.4	1763.3
-52.5°	925.4	989.2	1050.2	1110.4	1174.9	1233.0	1285.1	1344.4	1397.0	1440.4	1474.3
-55°	823.4	872.4	918.5	969.8	1019.5	1064.8	1106.5	1149.3	1187.9	1221.8	1248.7
-57.5°	728.7	768.8	807.6	848.0	886.0	921.4	956.1	988.0	1015.6	1038.9	1057.9
-60°	641.4	674.3	708.5	740.3	769.7	796.8	824.9	849.7	871.4	889.6	903.2
-62.5°	559.5	589.6	614.8	639.7	665.4	690.4	706.0	721.7	737.0	751.4	763.8
-65°	474.4	499.2	521.3	540.0	555.6	573.7	589.7	601.9	610.4	617.0	622.6
-67.5°	402.3	418.8	434.9	448.7	463.2	476.8	488.7	498.6	506.6	511.8	514.7
-70°	338.0	352.0	365.6	378.3	390.4	400.0	407.6	414.1	419.5	420.6	420.1
-72.5°	280.1	293.6	306.4	318.6	329.4	336.6	341.2	345.1	348.1	338.6	325.0
-75°	227.4	240.2	252.1	263.1	273.2	278.6	281.8	284.4	286.4	269.8	248.0
-77.5°	181.2	191.9	200.4	208.8	217.1	220.1	221.6	222.8	223.5	207.0	186.7
-80°	130.3	138.5	145.2	151.7	157.9	159.4	159.4	158.5	156.8	143.5	128.4
-82.5°	82.8	86.7	90.1	93.5	96.8	99.1	100.9	102.1	102.9	93.2	82.2
-85°	40.7	41.6	42.1	42.4	42.4	43.8	45.0	46.2	47.2	42.8	37.9
-87.5°	9.3	9.0	8.7	8.4	8.0	7.8	7.7	7.5	7.2	6.7	6.2
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



REPORT NUMBER: P627173 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: GFLD-SA3C-740-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°	5.6	5.0	4.4	3.8	4.4	5.0	5.6	6.2	6.7	7.2	7.5
85°	32.7	27.4	26.9	26.3	26.9	27.4	32.7	37.9	42.8	47.2	46.2
82.5°	70.7	58.7	56.9	55.1	56.9	58.7	70.7	82.2	93.2	102.9	102.1
80°	112.6	96.3	93.2	90.1	93.2	96.3	112.6	128.4	143.5	156.8	158.5
77.5°	165.2	142.9	136.4	130.2	136.4	142.9	165.2	186.7	207.0	223.5	222.8
75°	225.4	201.9	194.0	186.5	194.0	201.9	225.4	248.0	269.8	286.4	284.4
72.5°	311.2	296.9	282.5	266.7	282.5	296.9	311.2	325.0	338.6	348.1	345.1
70°	419.6	418.6	415.0	409.4	415.0	418.6	419.6	420.1	420.6	419.5	414.1
67.5°	516.0	515.5	516.8	517.0	516.8	515.5	516.0	514.7	511.8	506.6	498.6
65°	626.0	627.3	629.8	631.0	629.8	627.3	626.0	622.6	617.0	610.4	601.9
62.5°	773.3	779.7	782.8	782.4	782.8	779.7	773.3	763.8	751.4	737.0	721.7
60°	913.3	919.9	924.1	925.2	924.1	919.9	913.3	903.2	889.6	871.4	849.7
57.5°	1072.9	1083.8	1089.6	1090.4	1089.6	1083.8	1072.9	1057.9	1038.9	1015.6	988.0
55°	1269.3	1283.7	1290.2	1289.5	1290.2	1283.7	1269.3	1248.7	1221.8	1187.9	1149.3
52.5°	1499.9	1517.4	1530.6	1538.6	1530.6	1517.4	1499.9	1474.3	1440.4	1397.0	1344.4
50°	1800.1	1825.3	1841.3	1847.8	1841.3	1825.3	1800.1	1763.3	1714.4	1653.9	1584.1
47.5°	2175.7	2209.0	2233.7	2250.9	2233.7	2209.0	2175.7	2126.5	2058.4	1973.5	1875.8
45°	2664.9	2715.7	2750.3	2770.5	2750.3	2715.7	2664.9	2592.3	2494.0	2371.9	2233.3
42.5°	3319.4	3398.4	3446.7	3465.3	3446.7	3398.4	3319.4	3208.8	3067.2	2891.9	2708.0
40°	4078.9	4173.8	4236.0	4279.0	4236.0	4173.8	4078.9	3943.7	3772.4	3563.5	3335.6
37.5°	4870.1	4969.7	5030.3	5071.5	5030.3	4969.7	4870.1	4722.9	4531.0	4302.3	4032.9
35°	5677.3	5781.6	5838.4	5870.2	5838.4	5781.6	5677.3	5511.9	5292.4	5034.4	4741.3
32.5°	6505.9	6620.8	6682.6	6746.5	6682.6	6620.8	6505.9	6313.6	6061.2	5771.4	5450.1
30°	7371.4	7503.2	7567.9	7599.1	7567.9	7503.2	7371.4	7141.7	6851.0	6528.4	6165.2
27.5°	8271.9	8436.3	8517.3	8570.5	8517.3	8436.3	8271.9	8003.7	7671.4	7306.8	6890.1
25°	9209.0	9412.6	9505.3	9588.3	9505.3	9412.6	9209.0	8895.6	8524.6	8106.1	7628.9
22.5°	10181.2	10434.8	10542.2	10601.1	10542.2	10434.8	10181.2	9813.3	9395.6	8919.1	8385.5
20°	11178.8	11481.8	11631.0	11707.8	11631.0	11481.8	11178.8	10760.8	10277.4	9727.3	9132.8
17.5°	12198.9	12575.9	12768.9	12813.3	12768.9	12575.9	12198.9	11727.8	11167.1	10541.2	9861.5
15°	13200.4	13608.1	13836.4	13919.9	13836.4	13608.1	13200.4	12669.3	12043.2	11332.3	10567.1
12.5°	14148.8	14571.4	14844.1	14892.7	14844.1	14571.4	14148.8	13573.5	12897.5	12076.7	11229.7
10°	15009.0	15446.7	15747.9	15816.6	15747.9	15446.7	15009.0	14373.8	13600.7	12730.0	11796.9
7.5°	15728.0	16208.4	16541.1	16599.0	16541.1	16208.4	15728.0	15050.8	14195.4	13257.3	12261.4
5°	16254.1	16824.5	17097.6	17166.1	17097.6	16824.5	16254.1	15514.8	14628.3	13641.9	12600.8
2.5°	16542.7	17123.3	17503.0	17459.1	17503.0	17123.3	16542.7	15804.8	14893.8	13870.7	12802.1
0°	16575.2	17182.4	17545.5	17713.2	17545.5	17182.4	16575.2	15866.6	14959.0	13950.0	12839.5
-2.5°	16542.7	17123.3	17503.0	17459.1	17503.0	17123.3	16542.7	15804.8	14893.8	13870.7	12802.1
-5°	16254.1	16824.5	17097.6	17166.1	17097.6	16824.5	16254.1	15514.8	14628.3	13641.9	12600.8
-7.5°	15728.0	16208.4	16541.1	16599.0	16541.1	16208.4	15728.0	15050.8	14195.4	13257.3	12261.4
-10°	15009.0	15446.7	15747.9	15816.6	15747.9	15446.7	15009.0	14373.8	13600.7	12730.0	11796.9
-12.5°	14148.8	14571.4	14844.1	14892.7	14844.1	14571.4	14148.8	13573.5	12897.5	12076.7	11229.7
-15°	13200.4	13608.1	13836.4	13919.9	13836.4	13608.1	13200.4	12669.3	12043.2	11332.3	10567.1
-17.5°	12198.9	12575.9	12768.9	12813.3	12768.9	12575.9	12198.9	11727.8	11167.1	10541.2	9861.5
-20°	11178.8	11481.8	11631.0	11707.8	11631.0	11481.8	11178.8	10760.8	10277.4	9727.3	9132.8



REPORT NUMBER: P627173 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA3C-740-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°	10181.2	10434.8	10542.2	10601.1	10542.2	10434.8	10181.2	9813.3	9395.6	8919.1	8385.5
-25°	9209.0	9412.6	9505.3	9588.3	9505.3	9412.6	9209.0	8895.6	8524.6	8106.1	7628.9
-27.5°	8271.9	8436.3	8517.3	8570.5	8517.3	8436.3	8271.9	8003.7	7671.4	7306.8	6890.1
-30°	7371.4	7503.2	7567.9	7599.1	7567.9	7503.2	7371.4	7141.7	6851.0	6528.4	6165.2
-32.5°	6505.9	6620.8	6682.6	6746.5	6682.6	6620.8	6505.9	6313.6	6061.2	5771.4	5450.1
-35°	5677.3	5781.6	5838.4	5870.2	5838.4	5781.6	5677.3	5511.9	5292.4	5034.4	4741.3
-37.5°	4870.1	4969.7	5030.3	5071.5	5030.3	4969.7	4870.1	4722.9	4531.0	4302.3	4032.9
-40°	4078.9	4173.8	4236.0	4279.0	4236.0	4173.8	4078.9	3943.7	3772.4	3563.5	3335.6
-42.5°	3319.4	3398.4	3446.7	3465.3	3446.7	3398.4	3319.4	3208.8	3067.2	2891.9	2708.0
-45°	2664.9	2715.7	2750.3	2770.5	2750.3	2715.7	2664.9	2592.3	2494.0	2371.9	2233.3
-47.5°	2175.7	2209.0	2233.7	2250.9	2233.7	2209.0	2175.7	2126.5	2058.4	1973.5	1875.8
-50°	1800.1	1825.3	1841.3	1847.8	1841.3	1825.3	1800.1	1763.3	1714.4	1653.9	1584.1
-52.5°	1499.9	1517.4	1530.6	1538.6	1530.6	1517.4	1499.9	1474.3	1440.4	1397.0	1344.4
-55°	1269.3	1283.7	1290.2	1289.5	1290.2	1283.7	1269.3	1248.7	1221.8	1187.9	1149.3
-57.5°	1072.9	1083.8	1089.6	1090.4	1089.6	1083.8	1072.9	1057.9	1038.9	1015.6	988.0
-60°	913.3	919.9	924.1	925.2	924.1	919.9	913.3	903.2	889.6	871.4	849.7
-62.5°	773.3	779.7	782.8	782.4	782.8	779.7	773.3	763.8	751.4	737.0	721.7
-65°	626.0	627.3	629.8	631.0	629.8	627.3	626.0	622.6	617.0	610.4	601.9
-67.5°	516.0	515.5	516.8	517.0	516.8	515.5	516.0	514.7	511.8	506.6	498.6
-70°	419.6	418.6	415.0	409.4	415.0	418.6	419.6	420.1	420.6	419.5	414.1
-72.5°	311.2	296.9	282.5	266.7	282.5	296.9	311.2	325.0	338.6	348.1	345.1
-75°	225.4	201.9	194.0	186.5	194.0	201.9	225.4	248.0	269.8	286.4	284.4
-77.5°	165.2	142.9	136.4	130.2	136.4	142.9	165.2	186.7	207.0	223.5	222.8
-80°	112.6	96.3	93.2	90.1	93.2	96.3	112.6	128.4	143.5	156.8	158.5
-82.5°	70.7	58.7	56.9	55.1	56.9	58.7	70.7	82.2	93.2	102.9	102.1
-85°	32.7	27.4	26.9	26.3	26.9	27.4	32.7	37.9	42.8	47.2	46.2
-87.5°	5.6	5.0	4.4	3.8	4.4	5.0	5.6	6.2	6.7	7.2	7.5
-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):**

	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°	7.7	7.8	8.0	8.4	8.7	9.0	9.3	9.0	8.7	8.3	8.0
85°	45.0	43.8	42.4	42.4	42.1	41.6	40.7	36.5	32.5	28.7	25.4
82.5°	100.9	99.1	96.8	93.5	90.1	86.7	82.8	74.0	65.5	57.4	50.8
80°	159.4	159.4	157.9	151.7	145.2	138.5	130.3	116.4	102.9	90.4	81.6
77.5°	221.6	220.1	217.1	208.8	200.4	191.9	181.2	163.2	145.2	127.9	116.7
75°	281.8	278.6	273.2	263.1	252.1	240.2	227.4	211.8	194.0	173.7	158.9
72.5°	341.2	336.6	329.4	318.6	306.4	293.6	280.1	264.9	247.3	227.4	212.5
70°	407.6	400.0	390.4	378.3	365.6	352.0	338.0	322.4	304.2	284.3	268.6
67.5°	488.7	476.8	463.2	448.7	434.9	418.8	402.3	384.5	366.1	345.2	325.4
65°	589.7	573.7	555.6	540.0	521.3	499.2	474.4	452.8	431.5	408.0	382.0
62.5°	706.0	690.4	665.4	639.7	614.8	589.6	559.5	529.2	500.1	470.7	440.3
60°	824.9	796.8	769.7	740.3	708.5	674.3	641.4	606.8	570.7	535.3	499.0
57.5°	956.1	921.4	886.0	848.0	807.6	768.8	728.7	685.7	644.7	601.8	558.5
55°	1106.5	1064.8	1019.5	969.8	918.5	872.4	823.4	774.1	724.3	670.3	622.4
52.5°	1285.1	1233.0	1174.9	1110.4	1050.2	989.2	925.4	869.6	808.7	748.7	689.1
50°	1512.6	1438.8	1358.8	1277.5	1202.8	1122.2	1047.3	973.8	900.2	830.8	761.3
47.5°	1785.0	1687.4	1578.0	1477.2	1378.2	1278.3	1186.1	1088.9	1004.5	917.1	839.9
45°	2116.4	1986.3	1845.7	1717.6	1578.6	1457.9	1340.4	1228.6	1117.6	1018.9	920.5
42.5°	2539.9	2350.3	2171.8	2001.9	1826.7	1668.1	1511.5	1379.1	1248.9	1126.6	1015.6
40°	3084.6	2808.5	2579.3	2335.3	2123.3	1910.7	1723.7	1540.2	1392.2	1247.3	1111.9
37.5°	3727.7	3404.5	3077.3	2743.5	2467.3	2200.2	1959.4	1743.3	1542.0	1377.4	1221.1
35°	4407.7	4042.7	3650.8	3259.7	2856.5	2533.1	2227.0	1960.8	1725.9	1513.6	1333.4
32.5°	5086.3	4685.5	4254.0	3807.9	3354.9	2902.2	2534.8	2205.1	1911.2	1669.4	1456.3
30°	5764.6	5324.7	4852.1	4364.8	3867.9	3359.7	2858.5	2473.2	2128.3	1825.0	1579.8
27.5°	6445.0	5968.3	5451.0	4915.0	4379.3	3825.2	3269.7	2750.0	2347.0	2004.2	1715.4
25°	7126.2	6593.1	6037.8	5454.3	4870.2	4281.2	3667.5	3088.0	2592.3	2183.6	1840.4
22.5°	7809.4	7210.9	6591.8	5965.0	5337.0	4707.6	4065.2	3419.2	2824.7	2366.0	1986.6
20°	8484.6	7812.3	7134.6	6455.2	5778.2	5105.1	4433.6	3744.0	3097.9	2554.9	2123.1
17.5°	9134.8	8388.0	7652.3	6915.8	6191.7	5478.0	4763.9	4043.7	3341.8	2723.0	2243.7
15°	9754.1	8939.3	8140.3	7349.3	6567.9	5801.5	5056.3	4306.8	3563.7	2898.3	2375.9
12.5°	10338.5	9449.2	8578.8	7720.3	6890.0	6086.7	5312.0	4537.8	3772.7	3069.2	2493.6
10°	10837.5	9883.5	8946.6	8041.3	7169.0	6329.3	5523.0	4733.2	3951.8	3211.3	2590.0
7.5°	11243.4	10232.7	9244.8	8295.0	7387.7	6522.5	5686.0	4883.2	4093.7	3322.4	2664.4
5°	11540.0	10489.5	9465.7	8483.0	7539.2	6663.1	5800.9	4985.7	4196.4	3401.4	2716.4
2.5°	11723.8	10644.9	9597.1	8597.2	7627.3	6747.5	5867.6	5047.7	4255.1	3444.8	2749.0
0°	11757.9	10717.6	9638.4	8609.4	7677.9	6772.8	5885.2	5070.2	4270.2	3454.0	2759.2
-2.5°	11723.8	10644.9	9597.1	8597.2	7627.3	6747.5	5867.6	5047.7	4255.1	3444.8	2749.0
-5°	11540.0	10489.5	9465.7	8483.0	7539.2	6663.1	5800.9	4985.7	4196.4	3401.4	2716.4
-7.5°	11243.4	10232.7	9244.8	8295.0	7387.7	6522.5	5686.0	4883.2	4093.7	3322.4	2664.4
-10°	10837.5	9883.5	8946.6	8041.3	7169.0	6329.3	5523.0	4733.2	3951.8	3211.3	2590.0
-12.5°	10338.5	9449.2	8578.8	7720.3	6890.0	6086.7	5312.0	4537.8	3772.7	3069.2	2493.6
-15°	9754.1	8939.3	8140.3	7349.3	6567.9	5801.5	5056.3	4306.8	3563.7	2898.3	2375.9
-17.5°	9134.8	8388.0	7652.3	6915.8	6191.7	5478.0	4763.9	4043.7	3341.8	2723.0	2243.7
-20°	8484.6	7812.3	7134.6	6455.2	5778.2	5105.1	4433.6	3744.0	3097.9	2554.9	2123.1



REPORT NUMBER: P627173 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: GFLD-SA3C-740-U-WR-XX

**CANDELA DISTRIBUTION (continued):**

	20°	22.5°	25°	27.5°	30°	32.5°	35°	37.5°	40°	42.5°	45°
-22.5°	7809.4	7210.9	6591.8	5965.0	5337.0	4707.6	4065.2	3419.2	2824.7	2366.0	1986.6
-25°	7126.2	6593.1	6037.8	5454.3	4870.2	4281.2	3667.5	3088.0	2592.3	2183.6	1840.4
-27.5°	6445.0	5968.3	5451.0	4915.0	4379.3	3825.2	3269.7	2750.0	2347.0	2004.2	1715.4
-30°	5764.6	5324.7	4852.1	4364.8	3867.9	3359.7	2858.5	2473.2	2128.3	1825.0	1579.8
-32.5°	5086.3	4685.5	4254.0	3807.9	3354.9	2902.2	2534.8	2205.1	1911.2	1669.4	1456.3
-35°	4407.7	4042.7	3650.8	3259.7	2856.5	2533.1	2227.0	1960.8	1725.9	1513.6	1333.4
-37.5°	3727.7	3404.5	3077.3	2743.5	2467.3	2200.2	1959.4	1743.3	1542.0	1377.4	1221.1
-40°	3084.6	2808.5	2579.3	2335.3	2123.3	1910.7	1723.7	1540.2	1392.2	1247.3	1111.9
-42.5°	2539.9	2350.3	2171.8	2001.9	1826.7	1668.1	1511.5	1379.1	1248.9	1126.6	1015.6
-45°	2116.4	1986.3	1845.7	1717.6	1578.6	1457.9	1340.4	1228.6	1117.6	1018.9	920.5
-47.5°	1785.0	1687.4	1578.0	1477.2	1378.2	1278.3	1186.1	1088.9	1004.5	917.1	839.9
-50°	1512.6	1438.8	1358.8	1277.5	1202.8	1122.2	1047.3	973.8	900.2	830.8	761.3
-52.5°	1285.1	1233.0	1174.9	1110.4	1050.2	989.2	925.4	869.6	808.7	748.7	689.1
-55°	1106.5	1064.8	1019.5	969.8	918.5	872.4	823.4	774.1	724.3	670.3	622.4
-57.5°	956.1	921.4	886.0	848.0	807.6	768.8	728.7	685.7	644.7	601.8	558.5
-60°	824.9	796.8	769.7	740.3	708.5	674.3	641.4	606.8	570.7	535.3	499.0
-62.5°	706.0	690.4	665.4	639.7	614.8	589.6	559.5	529.2	500.1	470.7	440.3
-65°	589.7	573.7	555.6	540.0	521.3	499.2	474.4	452.8	431.5	408.0	382.0
-67.5°	488.7	476.8	463.2	448.7	434.9	418.8	402.3	384.5	366.1	345.2	325.4
-70°	407.6	400.0	390.4	378.3	365.6	352.0	338.0	322.4	304.2	284.3	268.6
-72.5°	341.2	336.6	329.4	318.6	306.4	293.6	280.1	264.9	247.3	227.4	212.5
-75°	281.8	278.6	273.2	263.1	252.1	240.2	227.4	211.8	194.0	173.7	158.9
-77.5°	221.6	220.1	217.1	208.8	200.4	191.9	181.2	163.2	145.2	127.9	116.7
-80°	159.4	159.4	157.9	151.7	145.2	138.5	130.3	116.4	102.9	90.4	81.6
-82.5°	100.9	99.1	96.8	93.5	90.1	86.7	82.8	74.0	65.5	57.4	50.8
-85°	45.0	43.8	42.4	42.4	42.1	41.6	40.7	36.5	32.5	28.7	25.4
-87.5°	7.7	7.8	8.0	8.4	8.7	9.0	9.3	9.0	8.7	8.3	8.0
-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: P627173 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: GFLD-SA3C-740-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°	8.9	9.7	10.3	10.8	11.1	11.3	11.3	11.1	10.7	10.1	9.3
85°	26.6	27.1	27.0	26.2	24.5	22.6	22.6	22.3	21.3	20.1	18.6
82.5°	52.7	54.4	55.3	54.9	51.5	47.9	44.1	40.0	35.7	30.8	27.9
80°	84.7	86.6	87.2	85.8	79.7	73.2	67.5	61.7	56.0	49.6	42.4
77.5°	119.2	120.6	120.9	118.7	111.0	102.7	93.8	84.4	76.4	68.4	59.4
75°	156.3	156.8	156.4	152.4	143.0	132.2	121.4	109.7	98.0	87.1	76.4
72.5°	204.5	197.9	193.0	186.5	176.1	164.0	150.2	134.7	119.9	106.0	93.1
70°	254.9	241.0	230.2	220.2	208.7	196.0	180.6	161.2	141.4	124.5	108.8
67.5°	307.5	290.2	272.9	254.8	240.6	226.2	210.7	187.3	163.6	142.7	124.2
65°	358.7	337.4	317.8	294.3	273.7	256.1	238.5	212.0	184.9	160.6	139.3
62.5°	410.3	381.7	357.2	331.7	306.8	285.1	265.3	235.1	205.4	177.7	153.5
60°	463.3	429.8	396.4	367.0	338.9	312.5	287.8	257.4	225.3	194.1	167.0
57.5°	518.3	478.1	439.8	403.1	370.4	340.0	309.5	278.0	244.4	210.7	179.2
55°	573.7	528.3	483.4	441.4	402.6	368.0	332.1	297.6	262.8	226.9	188.9
52.5°	633.2	580.0	529.3	480.3	435.9	395.2	356.1	316.9	280.3	242.5	199.5
50°	696.2	634.8	576.9	522.0	469.0	423.6	379.6	338.0	297.4	257.5	209.4
47.5°	762.4	692.9	627.0	564.2	506.5	451.2	404.1	358.7	314.0	272.3	218.5
45°	835.4	752.6	678.4	609.4	542.5	482.4	428.4	378.8	332.0	282.9	226.6
42.5°	908.7	817.1	731.8	653.3	581.7	513.9	451.6	399.6	349.4	292.7	234.5
40°	993.2	883.1	785.5	700.4	620.4	544.1	478.3	419.6	365.5	302.3	242.3
37.5°	1075.6	954.0	844.1	745.4	658.6	578.1	504.2	438.7	378.2	312.9	249.3
35°	1172.6	1027.2	900.0	793.0	697.9	610.4	528.5	458.1	392.2	323.0	255.5
32.5°	1267.0	1101.8	962.8	841.7	735.0	641.1	554.3	478.1	406.3	332.6	261.0
30°	1370.6	1182.9	1022.0	887.3	771.9	672.6	580.3	496.9	420.7	341.7	266.3
27.5°	1470.1	1257.7	1079.6	935.6	810.9	702.1	604.3	514.5	435.1	351.2	272.9
25°	1568.8	1338.4	1143.1	981.7	846.7	728.9	626.4	530.9	449.2	361.8	278.8
22.5°	1675.8	1416.6	1200.4	1023.1	879.0	753.4	647.5	548.9	462.1	372.0	284.0
20°	1774.2	1487.1	1251.5	1062.7	911.1	779.8	667.2	565.0	473.7	381.5	288.4
17.5°	1867.1	1558.8	1308.5	1105.5	941.5	803.1	684.6	579.1	484.0	390.3	291.9
15°	1964.5	1630.1	1359.8	1142.5	967.8	823.2	699.5	591.3	492.8	398.2	295.3
12.5°	2047.7	1690.3	1402.9	1173.7	989.9	840.0	711.9	601.4	500.2	404.9	298.3
10°	2116.3	1739.3	1437.7	1198.9	1007.7	853.5	721.8	609.6	506.4	410.1	300.0
7.5°	2169.7	1776.7	1464.0	1218.0	1021.3	864.0	730.0	616.0	511.1	413.7	300.4
5°	2207.0	1802.8	1483.3	1231.4	1031.7	871.6	735.9	620.2	514.3	415.7	299.5
2.5°	2226.6	1817.5	1495.1	1238.5	1037.6	875.7	739.2	622.3	515.9	416.0	297.4
0°	2229.6	1820.3	1498.5	1239.4	1039.1	876.3	739.9	622.2	515.8	414.4	294.2
-2.5°	2226.6	1817.5	1495.1	1238.5	1037.6	875.7	739.2	622.3	515.9	416.0	297.4
-5°	2207.0	1802.8	1483.3	1231.4	1031.7	871.6	735.9	620.2	514.3	415.7	299.5
-7.5°	2169.7	1776.7	1464.0	1218.0	1021.3	864.0	730.0	616.0	511.1	413.7	300.4
-10°	2116.3	1739.3	1437.7	1198.9	1007.7	853.5	721.8	609.6	506.4	410.1	300.0
-12.5°	2047.7	1690.3	1402.9	1173.7	989.9	840.0	711.9	601.4	500.2	404.9	298.3
-15°	1964.5	1630.1	1359.8	1142.5	967.8	823.2	699.5	591.3	492.8	398.2	295.3
-17.5°	1867.1	1558.8	1308.5	1105.5	941.5	803.1	684.6	579.1	484.0	390.3	291.9
-20°	1774.2	1487.1	1251.5	1062.7	911.1	779.8	667.2	565.0	473.7	381.5	288.4

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Cooper Lighting Solutions Photometric Lab  
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Scaled Data Report



REPORT NUMBER: P627173 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA3C-740-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°	1675.8	1416.6	1200.4	1023.1	879.0	753.4	647.5	548.9	462.1	372.0	284.0
-25°	1568.8	1338.4	1143.1	981.7	846.7	728.9	626.4	530.9	449.2	361.8	278.8
-27.5°	1470.1	1257.7	1079.6	935.6	810.9	702.1	604.3	514.5	435.1	351.2	272.9
-30°	1370.6	1182.9	1022.0	887.3	771.9	672.6	580.3	496.9	420.7	341.7	266.3
-32.5°	1267.0	1101.8	962.8	841.7	735.0	641.1	554.3	478.1	406.3	332.6	261.0
-35°	1172.6	1027.2	900.0	793.0	697.9	610.4	528.5	458.1	392.2	323.0	255.5
-37.5°	1075.6	954.0	844.1	745.4	658.6	578.1	504.2	438.7	378.2	312.9	249.3
-40°	993.2	883.1	785.5	700.4	620.4	544.1	478.3	419.6	365.5	302.3	242.3
-42.5°	908.7	817.1	731.8	653.3	581.7	513.9	451.6	399.6	349.4	292.7	234.5
-45°	835.4	752.6	678.4	609.4	542.5	482.4	428.4	378.8	332.0	282.9	226.6
-47.5°	762.4	692.9	627.0	564.2	506.5	451.2	404.1	358.7	314.0	272.3	218.5
-50°	696.2	634.8	576.9	522.0	469.0	423.6	379.6	338.0	297.4	257.5	209.4
-52.5°	633.2	580.0	529.3	480.3	435.9	395.2	356.1	316.9	280.3	242.5	199.5
-55°	573.7	528.3	483.4	441.4	402.6	368.0	332.1	297.6	262.8	226.9	188.9
-57.5°	518.3	478.1	439.8	403.1	370.4	340.0	309.5	278.0	244.4	210.7	179.2
-60°	463.3	429.8	396.4	367.0	338.9	312.5	287.8	257.4	225.3	194.1	167.0
-62.5°	410.3	381.7	357.2	331.7	306.8	285.1	265.3	235.1	205.4	177.7	153.5
-65°	358.7	337.4	317.8	294.3	273.7	256.1	238.5	212.0	184.9	160.6	139.3
-67.5°	307.5	290.2	272.9	254.8	240.6	226.2	210.7	187.3	163.6	142.7	124.2
-70°	254.9	241.0	230.2	220.2	208.7	196.0	180.6	161.2	141.4	124.5	108.8
-72.5°	204.5	197.9	193.0	186.5	176.1	164.0	150.2	134.7	119.9	106.0	93.1
-75°	156.3	156.8	156.4	152.4	143.0	132.2	121.4	109.7	98.0	87.1	76.4
-77.5°	119.2	120.6	120.9	118.7	111.0	102.7	93.8	84.4	76.4	68.4	59.4
-80°	84.7	86.6	87.2	85.8	79.7	73.2	67.5	61.7	56.0	49.6	42.4
-82.5°	52.7	54.4	55.3	54.9	51.5	47.9	44.1	40.0	35.7	30.8	27.9
-85°	26.6	27.1	27.0	26.2	24.5	22.6	22.6	22.3	21.3	20.1	18.6
-87.5°	8.9	9.7	10.3	10.8	11.1	11.3	11.3	11.1	10.7	10.1	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

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REPORT NUMBER: P627173 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA3C-740-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°	8.4	6.6	4.9	3.4	2.1	0.9	0.0
85°	16.8	13.1	9.8	6.8	4.1	1.8	0.0
82.5°	25.1	19.6	14.6	10.1	6.2	2.7	0.0
80°	34.1	26.0	19.4	13.4	8.2	3.6	0.0
77.5°	48.7	33.8	24.1	16.7	10.2	4.5	0.0
75°	62.9	44.2	29.2	19.9	12.2	5.3	0.0
72.5°	76.6	54.3	36.1	23.1	14.1	6.2	0.0
70°	89.6	64.0	42.9	26.4	16.0	7.0	0.0
67.5°	100.9	73.3	49.3	30.5	17.8	7.8	0.0
65°	111.7	81.8	55.4	34.4	19.6	8.6	0.0
62.5°	121.8	89.6	61.2	38.2	21.3	9.4	0.0
60°	131.3	96.9	66.6	41.7	22.9	10.1	0.0
57.5°	139.9	103.7	71.6	44.9	24.9	10.8	0.0
55°	147.8	109.9	76.3	48.0	26.8	11.5	0.0
52.5°	155.1	115.6	80.5	50.7	28.7	12.2	0.0
50°	161.6	120.9	84.4	53.2	30.4	12.8	0.0
47.5°	167.7	125.6	87.9	55.5	32.1	13.4	0.0
45°	174.6	129.8	90.9	57.8	33.7	13.9	0.0
42.5°	180.8	133.5	93.6	59.7	35.2	14.5	0.0
40°	186.1	136.6	95.9	61.9	36.6	15.0	0.0
37.5°	190.7	139.1	98.1	64.2	37.9	15.4	0.0
35°	194.5	141.9	99.8	66.2	39.2	15.8	0.0
32.5°	198.0	144.6	101.1	68.1	40.3	16.2	0.0
30°	201.9	146.7	102.0	69.8	41.3	16.5	0.0
27.5°	205.1	148.2	104.2	71.2	42.2	16.8	0.0
25°	207.6	149.1	106.3	72.5	43.0	17.1	0.0
22.5°	209.4	150.3	108.2	73.7	43.7	17.3	0.0
20°	210.4	153.0	109.8	74.6	44.3	17.5	0.0
17.5°	212.7	155.3	111.1	75.3	44.8	17.6	0.0
15°	215.6	157.0	112.2	75.8	45.1	17.7	0.0
12.5°	217.6	158.3	113.0	76.2	45.4	17.8	0.0
10°	218.9	159.1	113.5	76.3	45.6	17.8	0.0
7.5°	219.4	159.5	113.7	76.3	45.6	17.8	0.0
5°	219.2	159.3	113.7	76.1	45.5	17.7	0.0
2.5°	218.3	158.7	113.3	75.7	45.4	17.6	0.0
0°	216.6	157.7	112.7	75.1	45.1	17.5	0.0
-2.5°	218.3	158.7	113.3	75.7	45.4	17.6	0.0
-5°	219.2	159.3	113.7	76.1	45.5	17.7	0.0
-7.5°	219.4	159.5	113.7	76.3	45.6	17.8	0.0
-10°	218.9	159.1	113.5	76.3	45.6	17.8	0.0
-12.5°	217.6	158.3	113.0	76.2	45.4	17.8	0.0
-15°	215.6	157.0	112.2	75.8	45.1	17.7	0.0
-17.5°	212.7	155.3	111.1	75.3	44.8	17.6	0.0
-20°	210.4	153.0	109.8	74.6	44.3	17.5	0.0

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CATALOG NUMBER: GFLD-SA3C-740-U-WR-XX

**CANDELA DISTRIBUTION (continued):**

	75°	77.5°	80°	82.5°	85°	87.5°	90°
-22.5°	209.4	150.3	108.2	73.7	43.7	17.3	0.0
-25°	207.6	149.1	106.3	72.5	43.0	17.1	0.0
-27.5°	205.1	148.2	104.2	71.2	42.2	16.8	0.0
-30°	201.9	146.7	102.0	69.8	41.3	16.5	0.0
-32.5°	198.0	144.6	101.1	68.1	40.3	16.2	0.0
-35°	194.5	141.9	99.8	66.2	39.2	15.8	0.0
-37.5°	190.7	139.1	98.1	64.2	37.9	15.4	0.0
-40°	186.1	136.6	95.9	61.9	36.6	15.0	0.0
-42.5°	180.8	133.5	93.6	59.7	35.2	14.5	0.0
-45°	174.6	129.8	90.9	57.8	33.7	13.9	0.0
-47.5°	167.7	125.6	87.9	55.5	32.1	13.4	0.0
-50°	161.6	120.9	84.4	53.2	30.4	12.8	0.0
-52.5°	155.1	115.6	80.5	50.7	28.7	12.2	0.0
-55°	147.8	109.9	76.3	48.0	26.8	11.5	0.0
-57.5°	139.9	103.7	71.6	44.9	24.9	10.8	0.0
-60°	131.3	96.9	66.6	41.7	22.9	10.1	0.0
-62.5°	121.8	89.6	61.2	38.2	21.3	9.4	0.0
-65°	111.7	81.8	55.4	34.4	19.6	8.6	0.0
-67.5°	100.9	73.3	49.3	30.5	17.8	7.8	0.0
-70°	89.6	64.0	42.9	26.4	16.0	7.0	0.0
-72.5°	76.6	54.3	36.1	23.1	14.1	6.2	0.0
-75°	62.9	44.2	29.2	19.9	12.2	5.3	0.0
-77.5°	48.7	33.8	24.1	16.7	10.2	4.5	0.0
-80°	34.1	26.0	19.4	13.4	8.2	3.6	0.0
-82.5°	25.1	19.6	14.6	10.1	6.2	2.7	0.0
-85°	16.8	13.1	9.8	6.8	4.1	1.8	0.0
-87.5°	8.4	6.6	4.9	3.4	2.1	0.9	0.0
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0

(END OF REPORT)