

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: P627888 (CONVERTED FROM TYPE C PHOTOMETRY)

Luminaire Tested: **GFLD-SA6C-740-U-NR-VSR-XX**

Issue Date: 12/7/2022

**Test Information**

Test Method: LM-79-08  
Report Number: P627888 (CONVERTED FROM TYPE C PHOTOMETRY)  
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G2-2210-813-12)  
Test Lab: COOPER LIGHTING SOLUTIONS  
Issue Date: 12/7/2022  
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)  
Product Line: MCGRAW-EDISON  
Catalog Number: GFLD-SA6C-740-U-NR-VSR-XX  
Description: GALLEON FLOOD, SIX LIGHT SQAURE, NARROW SYMMETRICAL ROUND N3 WITH VISOR  
Light Source: (96) 4000K CCT, 70 CRI LEDS  
Ballast/Driver: -

**Summary**

Lumens per Lamp: N/A  
Luminaire Lumens: 35893.8 lumens  
Efficiency: N/A  
Efficacy: 145.0 lumens/watt  
Luminous Opening: Rectangular (W 1.5' x L: 1' x H: 0')

NEMA Type: 3H x 3V  
Max Intensity: 363843 candela  
Max Intensity Angle: 0°H x 0°V

Beam Angle (50%): 13.6°H x 13.6°V  
Beam Lumens: 11458.9 lumens  
Beam Efficiency: 31.9%

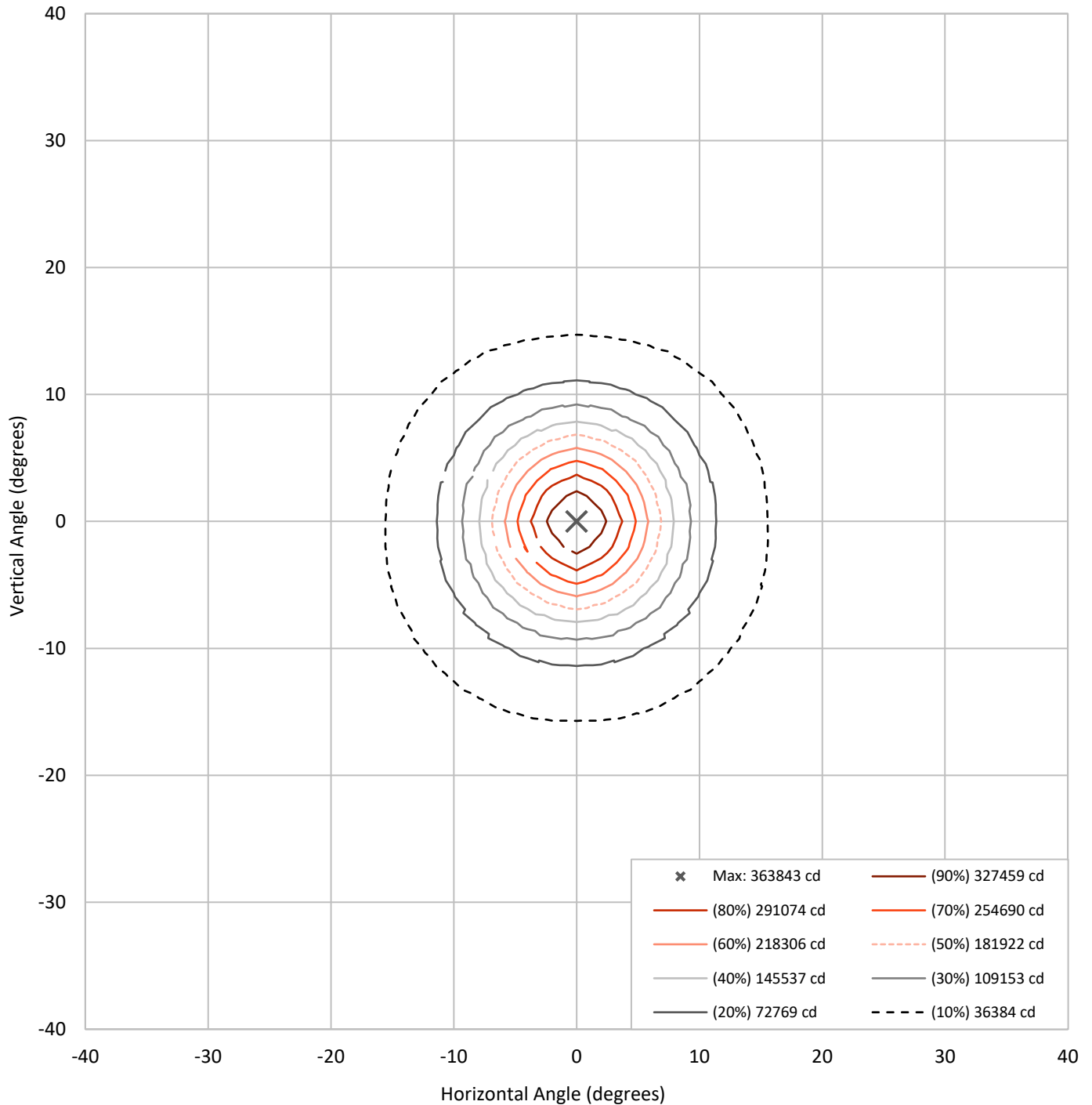
Field Angle (10%): 30.9°H x 30.2°V  
Field Lumens: 25522.8 lumens  
Field Efficiency: 71.1%

Input Watts (W): 247.5  
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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CATALOG NUMBER: GFLD-SA6C-740-U-NR-VSR-XX

### Iso-Candela Plot





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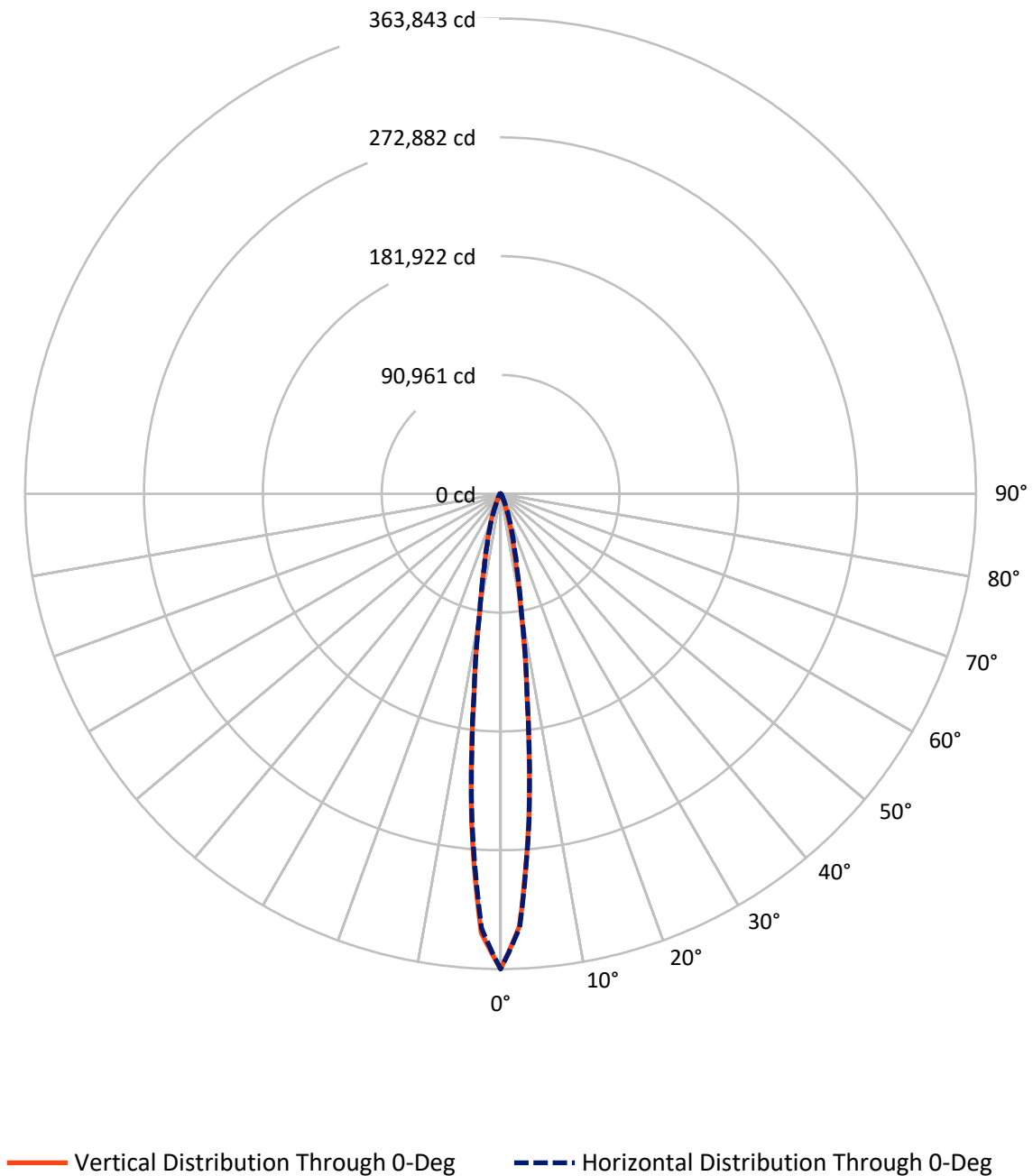
CATALOG NUMBER: GFLD-SA6C-740-U-NR-VSR-XX

### Lumen Table

90	0.0															
80	0.0															
70	0.0															
60	0.1	0.0	0.0	0.0	0.1	0.1	0.2	0.1	0.1	0.2	0.1	0.1	0.0	0.0	0.0	0.1
50	0.2	0.2	1.1	3.1	5.8	8.6	12.1	14.3	14.3	12.1	8.6	5.8	3.1	1.1	0.2	0.2
40		0.5	2.5	6.1	10.9	17.2	29.2	37.2	37.2	29.2	17.2	10.9	6.1	2.5	0.5	
30	0.3	1.0	4.0	9.2	16.8	36.5	97.5	161.5	161.5	97.5	36.5	16.8	9.2	4.0	1.0	0.3
20		1.5	5.5	12.8	27.8	109.1	460.1	1011.4	1011.4	460.1	109.1	27.8	12.8	5.5	1.5	
10	0.5	1.9	6.7	15.0	37.7	204.9	1102.5	4944.6	4944.6	1102.5	204.9	37.7	15.0	6.7	1.9	0.5
0		2.2	7.3	15.8	40.5	218.3	1141.2	5028.5	5028.5	1141.2	218.3	40.5	15.8	7.3	2.2	
-10	0.7	2.3	7.4	15.5	35.5	138.9	554.0	1184.9	1184.9	554.0	138.9	35.5	15.5	7.4	2.3	0.7
-20		2.3	7.1	14.3	27.4	64.9	170.7	284.5	284.5	170.7	64.9	27.4	14.3	7.1	2.3	
-30	0.6	1.9	6.3	12.6	21.5	35.6	58.0	73.7	73.7	58.0	35.6	21.5	12.6	6.3	1.9	0.6
-40		1.6	5.2	10.5	17.4	24.9	33.5	37.4	37.4	33.5	24.9	17.4	10.5	5.2	1.6	
-50	0.4	1.2	3.9	8.2	13.7	19.1	24.2	26.4	26.4	24.2	19.1	13.7	8.2	3.9	1.2	0.4
-60		0.8	2.4	5.3	9.2	13.3	16.8	18.5	18.5	16.8	13.3	9.2	5.3	2.4	0.8	
-70	0.2	2.2		9.0		19.8		25.1		19.8		9.0		2.2		0.2
-80																
-90	0.0															

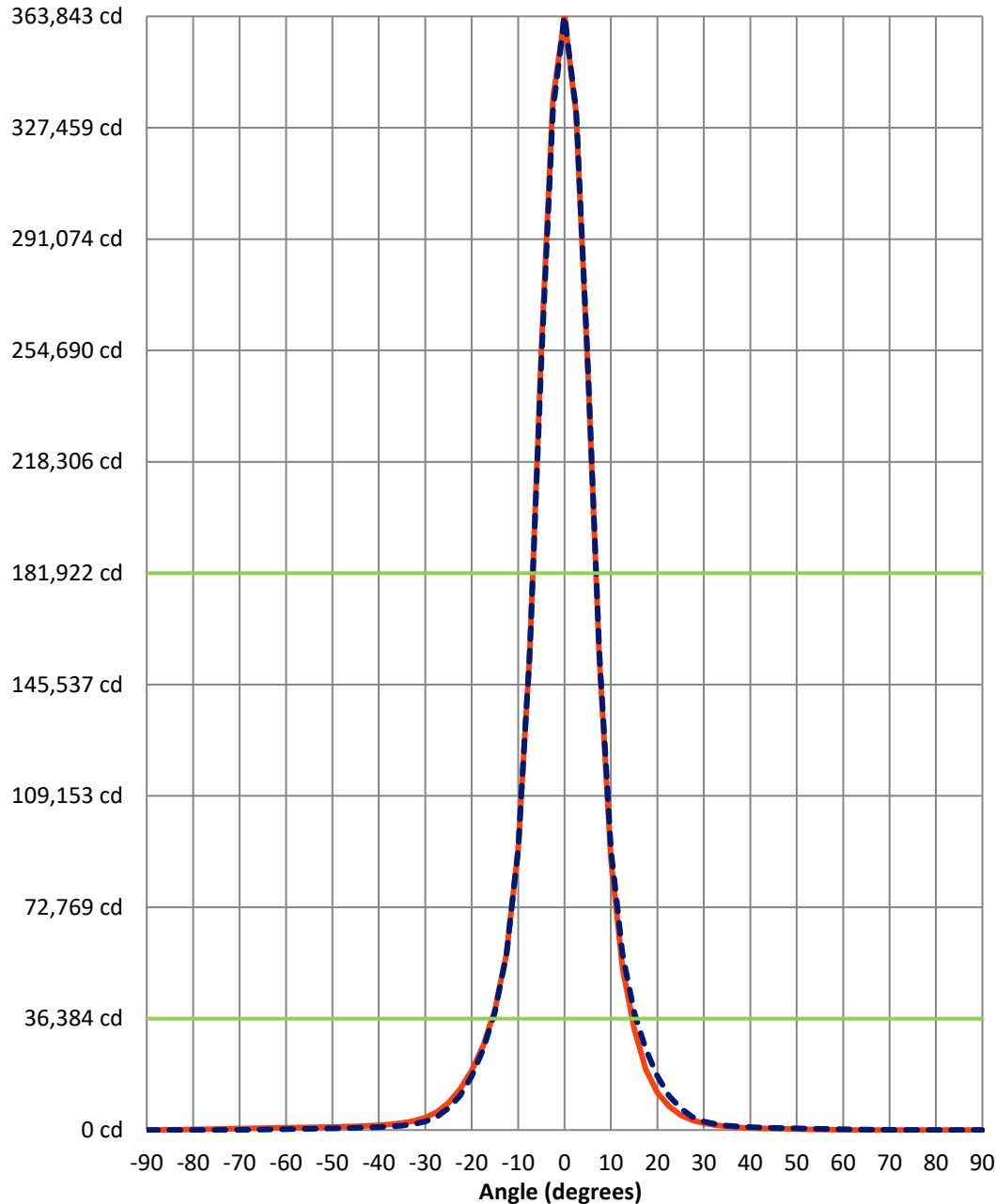
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### Luminous Intensity Polar Plot



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### Luminous Intensity Plot



**Beam:**  
 H Angle: 13.6°  
 V Angle: 13.6°  
 Lumens: 11458.9  
 Efficiency: 31.9%

**Field:**  
 H Angle: 30.9°  
 V Angle: 30.2°  
 Lumens: 25522.8  
 Efficiency: 71.1%

**Spill:**  
 Lumens: 10371  
 Efficiency: 28.9%

— 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	0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
85°	0.0	0.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
82.5°	0.0	0.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
80°	0.0	0.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
77.5°	0.0	0.9	0.1	0.0	0.0	0.2	0.1	0.0	0.0	0.0	0.0
75°	0.0	1.0	0.1	0.0	0.1	0.6	0.2	0.0	0.1	0.7	0.3
72.5°	0.0	1.2	0.2	0.0	0.8	1.2	0.4	0.5	1.6	1.7	0.7
70°	0.0	1.4	0.3	0.1	1.6	1.7	0.9	2.4	3.2	2.9	1.0
67.5°	0.0	1.6	0.4	0.9	2.3	2.4	2.7	4.3	4.9	3.1	1.3
65°	0.0	1.8	0.6	1.7	3.1	3.3	4.4	6.4	5.2	3.4	2.3
62.5°	0.0	2.0	0.8	2.5	4.0	4.4	6.1	7.2	5.5	4.0	4.8
60°	0.0	2.2	1.0	3.2	4.8	5.4	7.5	7.5	5.8	5.6	7.1
57.5°	0.0	2.4	1.7	4.1	5.4	6.3	7.7	7.7	6.5	6.9	7.7
55°	0.0	2.6	2.3	4.9	5.9	7.1	7.7	7.7	7.1	7.7	7.7
52.5°	0.0	2.8	2.9	5.7	6.4	7.7	7.7	7.7	7.5	7.7	7.7
50°	0.0	3.1	3.5	6.6	6.8	7.7	7.7	7.7	7.7	7.7	9.0
47.5°	0.0	3.3	4.0	7.3	7.1	7.7	7.7	7.7	7.7	7.7	10.7
45°	0.0	3.5	4.5	7.5	7.4	7.7	7.7	7.7	8.0	9.6	12.7
42.5°	0.0	3.8	5.0	7.6	7.6	7.7	7.7	8.0	8.5	11.7	17.0
40°	0.0	4.0	5.4	7.7	7.7	7.7	7.7	8.6	9.8	14.1	21.9
37.5°	0.0	4.2	5.8	7.7	7.7	7.7	7.7	9.4	12.5	17.8	27.1
35°	0.0	4.5	6.1	7.7	7.7	7.7	7.7	10.3	15.3	22.7	33.2
32.5°	0.0	4.7	6.4	7.7	7.7	7.7	7.9	11.3	18.3	27.4	41.1
30°	0.0	5.0	6.7	7.7	7.7	7.7	8.7	12.8	21.4	31.9	49.8
27.5°	0.0	5.3	6.9	7.7	7.7	7.7	9.6	15.3	24.8	36.3	59.1
25°	0.0	5.5	7.1	7.7	7.7	7.7	10.5	17.8	28.5	42.7	69.1
22.5°	0.0	5.8	7.2	7.7	7.7	7.8	11.5	20.3	32.0	50.4	80.9
20°	0.0	6.0	7.4	7.7	7.7	8.4	12.4	22.7	35.3	58.3	91.7
17.5°	0.0	6.2	7.5	7.7	7.7	9.1	13.8	25.1	38.4	66.2	101.6
15°	0.0	6.5	7.6	7.7	7.7	9.9	15.4	27.5	41.2	74.0	110.6
12.5°	0.0	6.7	7.6	7.7	7.7	10.8	16.9	29.9	45.1	81.6	118.7
10°	0.0	6.9	7.7	7.7	7.7	11.7	18.3	32.0	50.1	88.7	125.8
7.5°	0.0	7.1	7.7	7.7	7.7	12.6	19.6	33.9	55.1	94.8	132.1
5°	0.0	7.3	7.7	7.7	7.7	13.6	20.9	35.7	60.1	99.9	137.6
2.5°	0.0	7.5	7.7	7.7	7.7	14.5	22.0	37.2	64.9	104.2	142.3
0°	0.0	7.7	7.7	7.7	7.7	15.4	23.1	38.5	69.3	107.8	146.3
-2.5°	0.0	7.7	7.7	7.7	8.4	16.2	25.1	40.8	73.2	110.7	151.3
-5°	0.0	7.7	7.7	7.7	9.0	17.0	27.0	42.9	76.6	112.9	155.3
-7.5°	0.0	7.6	7.7	7.7	9.7	17.6	28.7	44.8	79.4	114.6	158.4
-10°	0.0	7.6	7.7	7.7	10.2	18.2	30.2	46.5	81.4	115.8	160.3
-12.5°	0.0	7.5	7.7	7.7	10.7	18.7	31.5	47.9	82.7	117.0	163.3
-15°	0.0	7.4	7.7	7.7	11.2	19.1	32.4	49.1	83.0	119.3	166.1
-17.5°	0.0	7.3	7.7	7.7	11.5	19.5	33.1	50.3	82.4	120.5	167.4
-20°	0.0	7.2	7.7	7.7	11.7	19.7	33.5	51.3	81.2	120.5	167.1

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CATALOG NUMBER: GFLD-SA6C-740-U-NR-VSR-XX

**CANDELA DISTRIBUTION (continued):**

	-90°	-87.5°	-85°	-82.5°	-80°	-77.5°	-75°	-72.5°	-70°	-67.5°	-65°
-22.5°	0.0	7.1	7.7	7.7	11.8	19.9	34.0	51.9	79.4	119.1	165.2
-25°	0.0	7.0	7.7	7.7	11.8	20.4	34.2	52.1	76.9	116.3	161.5
-27.5°	0.0	6.8	7.7	7.7	11.6	20.9	34.2	52.0	73.9	112.4	158.1
-30°	0.0	6.7	7.7	7.7	11.3	21.3	34.0	51.4	72.2	108.3	152.8
-32.5°	0.0	6.5	7.7	7.7	11.3	21.4	33.6	50.8	71.4	103.4	145.5
-35°	0.0	6.3	7.7	7.7	11.1	21.4	33.5	50.1	69.9	97.9	136.3
-37.5°	0.0	6.1	7.7	7.7	10.9	21.2	33.4	49.2	67.9	91.8	131.0
-40°	0.0	5.9	7.7	7.7	10.5	20.7	33.0	48.0	65.3	87.9	126.2
-42.5°	0.0	5.7	7.7	7.8	10.4	20.1	32.3	46.6	63.2	86.1	120.2
-45°	0.0	5.4	7.7	8.0	10.7	19.3	31.3	45.2	61.4	83.5	113.7
-47.5°	0.0	5.2	7.7	8.1	10.8	18.3	30.0	43.7	59.3	79.9	109.3
-50°	0.0	4.9	7.7	8.2	10.9	17.1	28.5	41.8	57.0	76.8	103.6
-52.5°	0.0	4.7	7.7	8.3	11.0	15.7	26.7	39.5	54.2	72.6	96.9
-55°	0.0	4.4	7.7	8.3	10.9	15.3	24.6	36.9	50.9	67.2	89.8
-57.5°	0.0	4.1	7.7	8.3	10.7	14.9	22.3	33.9	47.3	62.3	81.4
-60°	0.0	3.8	7.7	8.3	10.5	14.4	20.0	30.7	43.2	57.3	72.9
-62.5°	0.0	3.6	7.1	8.2	10.2	13.8	18.9	27.1	38.7	51.8	66.4
-65°	0.0	3.3	6.5	8.1	9.8	13.1	17.8	23.9	33.9	45.9	59.3
-67.5°	0.0	2.9	5.9	7.9	9.4	12.3	16.4	21.9	28.8	39.6	51.6
-70°	0.0	2.6	5.3	7.7	8.9	11.3	15.0	19.8	25.7	32.9	43.6
-72.5°	0.0	2.3	4.6	6.9	8.4	10.3	13.3	17.4	22.5	28.6	35.8
-75°	0.0	2.0	4.0	6.0	7.8	9.3	11.6	15.2	19.1	24.2	30.1
-77.5°	0.0	1.7	3.3	5.0	6.6	8.1	9.8	13.1	16.6	20.0	24.2
-80°	0.0	1.3	2.7	4.0	5.3	6.6	7.9	11.0	14.1	17.3	20.4
-82.5°	0.0	1.0	2.0	3.0	4.0	5.0	6.0	8.6	11.6	14.5	17.3
-85°	0.0	0.7	1.3	2.0	2.7	3.3	4.0	5.8	7.9	10.3	12.9
-87.5°	0.0	0.3	0.7	1.0	1.3	1.7	2.0	2.9	3.9	5.1	6.5
-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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 CATALOG NUMBER: GFLD-SA6C-740-U-NR-VSR-XX

**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°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
85°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
82.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
80°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
77.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
75°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
72.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
70°	0.0	0.0	0.7	0.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0
67.5°	0.5	2.2	2.6	1.6	0.0	0.0	0.0	0.5	0.0	0.0	0.0
65°	3.8	5.0	3.8	2.0	0.1	1.8	2.6	2.1	0.2	0.0	0.0
62.5°	7.1	6.1	4.3	3.2	4.4	5.8	4.5	2.6	0.7	3.7	5.4
60°	7.7	6.5	5.4	6.1	7.8	6.9	5.1	7.5	11.3	14.2	17.2
57.5°	7.7	7.1	7.0	8.3	8.7	8.7	13.5	18.1	25.6	31.8	36.0
55°	7.9	7.6	8.7	10.4	13.0	18.4	25.2	35.5	43.7	56.4	67.2
52.5°	8.7	8.7	11.7	15.8	23.3	31.8	43.7	58.3	74.8	87.1	100.2
50°	10.0	12.9	16.4	26.4	36.7	50.1	69.7	90.9	104.8	118.8	137.5
47.5°	13.7	17.4	27.1	38.6	53.6	74.8	101.9	117.1	130.9	152.7	176.1
45°	18.5	26.2	38.1	54.0	74.6	104.4	125.7	138.2	161.9	187.3	213.9
42.5°	23.6	36.2	52.3	69.2	101.6	129.9	149.1	169.0	192.9	222.5	251.5
40°	32.0	46.0	68.0	94.4	127.3	155.0	179.1	201.9	225.5	264.2	294.9
37.5°	40.6	60.9	85.7	118.6	152.8	183.0	210.0	238.6	272.3	316.0	343.6
35°	48.9	76.4	106.8	141.7	178.1	212.2	244.7	278.1	321.8	363.1	396.1
32.5°	60.5	92.2	126.4	164.2	201.6	240.3	279.7	319.7	362.7	404.9	448.2
30°	75.1	109.1	145.1	185.6	223.3	268.1	313.7	356.0	399.3	443.8	492.7
27.5°	89.9	124.9	163.8	204.7	244.3	295.4	344.5	388.7	433.1	481.0	536.8
25°	103.5	140.8	181.5	221.8	268.3	323.0	376.8	428.0	465.6	520.1	585.3
22.5°	116.5	156.3	200.1	237.2	291.4	350.9	413.6	468.6	513.1	561.8	635.7
20°	129.5	172.3	217.4	259.0	314.7	378.6	452.9	509.6	564.8	627.6	703.1
17.5°	141.9	187.3	234.6	284.0	342.7	408.9	493.3	551.1	617.0	692.1	787.3
15°	153.5	201.1	251.9	307.3	368.0	439.3	520.7	592.7	671.6	758.3	870.8
12.5°	164.4	213.7	268.9	328.9	390.2	465.4	543.6	620.3	711.0	824.5	966.0
10°	174.4	225.1	285.3	348.7	409.6	487.5	563.8	643.6	739.4	864.0	1026.0
7.5°	182.7	236.6	301.0	366.5	426.3	505.6	581.3	662.9	763.1	896.7	1066.4
5°	189.8	248.7	315.5	378.1	440.2	521.3	595.9	678.1	782.0	922.3	1095.2
2.5°	195.6	259.8	328.1	386.5	452.1	535.6	607.6	695.0	801.1	942.1	1122.3
0°	200.2	269.5	338.9	392.8	462.1	546.8	616.1	708.5	816.3	955.0	1147.5
-2.5°	209.6	277.6	345.3	400.1	472.7	548.7	621.7	710.4	822.0	965.0	1152.2
-5°	217.4	284.0	350.0	405.6	480.6	548.5	624.1	708.8	824.0	970.7	1160.6
-7.5°	223.4	289.0	353.1	410.0	484.9	551.0	627.5	714.3	830.0	976.0	1171.5
-10°	227.3	292.6	355.7	415.5	486.0	553.6	628.9	715.5	829.0	972.6	1165.5
-12.5°	229.4	294.7	356.9	418.5	485.7	553.3	627.1	712.2	820.6	960.4	1141.7
-15°	230.0	295.5	356.7	418.8	484.5	550.1	622.1	704.1	805.3	939.8	1104.3
-17.5°	229.3	295.1	355.3	416.3	482.8	543.7	614.4	693.2	789.8	915.6	1074.0
-20°	227.4	293.5	352.6	410.7	480.2	537.9	606.8	682.9	773.7	887.7	1029.4

Classified

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

Scaled Data Report



REPORT NUMBER: P627888 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA6C-740-U-NR-VSR-XX

**CANDELA DISTRIBUTION (continued):**

	-62.5°	-60°	-57.5°	-55°	-52.5°	-50°	-47.5°	-45°	-42.5°	-40°	-37.5°
-22.5°	224.2	290.7	348.8	405.1	471.7	532.4	596.8	669.3	750.7	853.8	979.6
-25°	220.4	285.3	343.9	400.8	462.0	524.1	584.2	653.1	727.9	827.0	940.3
-27.5°	215.5	278.6	337.2	394.8	451.7	512.8	571.6	636.7	710.7	798.0	899.4
-30°	208.4	269.2	327.8	386.5	442.7	500.1	556.9	618.9	688.6	771.0	864.5
-32.5°	199.4	258.8	316.1	374.2	432.6	487.4	540.8	600.4	665.9	738.1	827.0
-35°	190.3	247.5	303.4	358.7	420.3	473.1	524.6	579.3	640.2	707.3	779.8
-37.5°	181.7	235.3	289.9	342.1	400.4	455.5	505.5	557.5	613.8	675.4	741.2
-40°	172.5	222.4	275.7	326.6	377.7	433.9	483.8	534.0	586.1	647.8	706.3
-42.5°	163.0	211.5	260.7	310.7	359.5	409.7	459.6	507.7	562.6	621.1	678.5
-45°	155.0	200.0	245.7	294.2	342.4	387.8	434.6	479.5	535.3	593.8	649.9
-47.5°	145.6	188.3	232.6	276.6	323.8	369.2	411.3	456.7	504.2	559.3	618.2
-50°	136.0	176.4	217.3	258.7	303.5	348.8	391.5	433.5	478.3	523.6	574.5
-52.5°	127.7	163.1	200.9	238.9	281.3	325.7	368.8	410.9	452.0	494.6	538.0
-55°	118.0	150.4	183.8	219.3	256.5	299.0	341.8	382.8	424.8	464.7	507.1
-57.5°	107.2	136.2	166.7	200.0	233.8	268.6	310.1	351.0	390.5	430.8	474.6
-60°	94.9	120.9	148.6	179.2	212.2	244.1	277.7	315.5	353.7	391.9	432.4
-62.5°	82.3	104.8	129.8	156.6	186.7	218.1	248.8	281.1	315.4	348.6	383.7
-65°	73.9	89.7	110.7	134.5	159.3	187.3	216.4	246.1	276.4	304.6	331.7
-67.5°	64.9	79.2	94.6	112.2	134.7	158.4	181.6	208.2	235.3	261.3	286.5
-70°	55.3	68.1	81.8	96.4	112.4	131.7	153.5	174.8	195.6	217.3	240.8
-72.5°	45.3	56.4	68.3	81.0	94.6	109.9	126.6	144.8	163.3	181.3	199.6
-75°	37.2	44.5	54.2	65.0	76.8	88.8	100.9	115.2	130.9	146.7	162.1
-77.5°	30.6	37.4	44.0	50.6	59.0	70.0	80.8	91.5	102.4	114.3	127.0
-80°	24.9	30.1	36.2	42.3	48.0	54.7	62.2	70.6	78.3	86.2	94.9
-82.5°	20.8	24.7	29.1	33.8	37.2	40.7	44.7	49.6	54.7	60.0	65.5
-85°	15.9	19.2	22.1	25.3	26.8	28.6	30.5	32.6	35.9	39.1	42.3
-87.5°	8.0	9.6	11.4	13.2	14.1	14.8	15.6	16.3	18.4	20.6	22.9
-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: P627888 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: GFLD-SA6C-740-U-NR-VSR-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°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
85°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
82.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
80°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
77.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
75°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
72.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
70°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
67.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
65°	0.4	0.1	0.0	0.0	0.1	1.4	1.9	1.6	0.7	0.0	0.0
62.5°	4.5	3.7	6.0	8.0	8.8	8.5	7.8	7.0	6.0	5.5	6.3
60°	18.5	18.1	25.2	28.7	26.1	18.4	29.0	34.2	32.9	28.2	28.0
57.5°	45.2	54.9	61.9	65.0	75.3	91.7	94.9	89.4	87.5	89.2	103.1
55°	78.4	86.2	90.3	104.2	116.6	125.6	130.9	136.2	144.1	153.7	163.7
52.5°	110.8	121.5	129.8	142.3	157.2	162.3	160.9	180.0	194.8	204.3	208.2
50°	152.1	165.5	184.7	204.3	212.8	221.1	229.9	245.5	268.3	296.7	313.0
47.5°	196.7	217.9	238.0	260.3	271.6	280.5	293.6	320.9	353.3	383.9	399.8
45°	236.8	255.6	278.7	298.0	312.1	329.1	348.0	372.6	408.9	440.9	462.9
42.5°	269.0	290.3	314.0	337.4	351.6	374.6	403.3	436.8	474.8	508.0	532.6
40°	314.3	332.3	370.0	392.2	397.8	419.2	476.8	522.6	565.5	606.4	626.8
37.5°	368.9	404.0	443.1	463.3	483.1	520.9	598.0	672.0	726.8	782.1	812.3
35°	430.9	477.0	530.3	554.1	596.7	679.2	769.7	872.6	1000.7	1054.3	1103.1
32.5°	491.2	542.7	591.9	645.4	719.8	818.4	920.5	1087.2	1243.0	1363.6	1451.7
30°	544.6	599.3	660.4	729.2	834.1	969.9	1140.3	1356.1	1575.7	1767.3	1929.4
27.5°	597.4	659.7	732.3	835.0	982.5	1166.9	1439.0	1746.9	2113.4	2383.4	2705.9
25°	655.3	726.6	819.8	968.6	1167.7	1443.4	1878.4	2378.3	2979.3	3466.6	3976.6
22.5°	723.9	829.1	947.1	1113.1	1460.9	1915.3	2509.4	3364.0	4288.5	5143.2	5966.3
20°	806.7	950.5	1140.0	1445.5	1892.0	2563.8	3596.2	4960.0	6319.5	7767.5	9161.4
17.5°	924.9	1132.1	1426.6	1861.4	2449.8	3778.6	5453.8	7563.1	10273.1	12728.9	14873.1
15°	1035.8	1283.3	1748.3	2398.3	3424.8	5185.9	7730.1	11211.6	15435.1	19284.2	23349.5
12.5°	1152.1	1444.4	1978.5	2806.1	4232.3	6525.0	10100.6	14871.0	20159.4	25960.4	32568.0
10°	1244.2	1599.2	2238.7	3287.9	5046.0	7901.1	12160.1	17945.6	24973.1	33558.1	44120.9
7.5°	1306.5	1723.3	2453.5	3640.7	5795.2	9308.4	14435.5	21389.4	30175.0	41548.4	56328.5
5°	1355.1	1818.0	2615.1	3962.3	6428.9	10382.7	16121.3	24405.0	34798.0	50036.4	75084.4
2.5°	1394.1	1890.5	2715.1	4183.8	6826.6	11130.8	17252.3	26111.2	37549.9	56311.8	88808.2
0°	1424.8	1956.1	2780.2	4320.5	7131.5	11205.5	17605.3	26423.4	38537.6	57444.4	91761.7
-2.5°	1437.8	1991.3	2802.6	4350.4	7101.0	11333.9	17713.1	26672.7	38500.5	56823.8	88463.1
-5°	1459.4	1990.7	2785.7	4319.8	6941.8	11001.9	17009.6	25277.2	36177.8	51936.6	77858.1
-7.5°	1474.9	1959.0	2705.0	4124.1	6525.0	10284.1	15773.5	22964.9	31950.4	43915.8	59969.8
-10°	1460.7	1898.0	2570.6	3795.7	5877.1	9132.6	13893.9	19912.4	27380.2	36247.5	47155.0
-12.5°	1405.7	1785.5	2351.2	3335.8	5038.0	7842.8	12002.8	17127.1	22654.4	28882.0	36419.2
-15°	1336.2	1664.2	2153.5	3020.3	4415.9	6564.3	9601.4	13758.5	18192.4	22920.7	27962.8
-17.5°	1282.1	1557.7	1962.9	2590.4	3616.9	5325.1	7711.8	10664.9	13923.3	17523.2	20511.1
-20°	1208.8	1426.6	1766.7	2279.2	3062.4	4194.2	5932.4	8077.8	10227.9	12759.1	14823.2

Classified

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

Scaled Data Report



REPORT NUMBER: P627888 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA6C-740-U-NR-VSR-XX

**CANDELA DISTRIBUTION (continued):**

	-35°	-32.5°	-30°	-27.5°	-25°	-22.5°	-20°	-17.5°	-15°	-12.5°	-10°
-22.5°	1135.5	1325.2	1584.0	1959.0	2541.8	3396.8	4470.8	5903.3	7475.7	8928.5	10358.6
-25°	1067.4	1213.5	1422.9	1730.5	2125.8	2709.3	3473.7	4295.5	5332.0	6216.3	7197.7
-27.5°	1012.3	1137.7	1292.2	1517.8	1824.5	2199.8	2747.2	3297.9	3842.9	4289.2	4964.9
-30°	959.0	1060.0	1189.2	1350.0	1580.0	1869.2	2224.5	2581.7	2896.3	3183.2	3535.0
-32.5°	906.7	989.0	1088.0	1221.5	1386.5	1603.9	1822.3	2078.3	2296.9	2498.7	2685.4
-35°	854.3	927.5	1003.0	1115.5	1247.1	1401.6	1560.3	1733.8	1885.1	2021.0	2141.2
-37.5°	807.0	871.3	942.3	1026.1	1132.1	1248.3	1378.0	1504.0	1604.0	1692.2	1765.1
-40°	767.1	825.5	886.3	953.4	1034.1	1125.9	1235.9	1340.9	1410.9	1464.8	1509.1
-42.5°	731.4	782.9	834.6	891.6	953.6	1033.0	1119.9	1206.6	1254.1	1295.7	1327.7
-45°	702.8	742.3	785.8	834.5	889.4	955.9	1024.2	1084.1	1126.3	1162.2	1188.9
-47.5°	665.0	703.0	740.7	780.8	832.0	887.5	944.0	990.0	1026.9	1058.1	1078.5
-50°	623.3	663.3	697.8	733.1	780.2	827.2	872.7	910.8	946.0	976.6	992.7
-52.5°	580.2	623.1	659.4	693.8	733.3	774.2	815.3	847.9	878.7	907.6	919.8
-55°	549.1	588.7	626.1	658.5	691.0	723.9	757.3	791.1	821.6	849.0	857.2
-57.5°	515.6	555.9	592.9	622.0	651.4	680.9	711.6	742.1	771.5	797.7	804.4
-60°	474.6	518.3	551.2	578.7	607.2	636.4	663.1	690.3	717.7	740.6	748.0
-62.5°	422.6	462.4	494.9	523.8	551.3	576.8	602.8	628.1	652.8	670.9	676.8
-65°	360.2	394.1	427.5	457.8	485.0	509.5	533.5	556.7	579.0	594.9	602.9
-67.5°	311.0	335.4	362.3	388.3	415.7	440.9	462.5	482.9	502.0	515.5	524.0
-70°	263.5	286.7	311.9	336.8	360.5	381.1	398.3	415.1	431.4	443.4	452.4
-72.5°	218.1	237.7	258.8	280.7	302.4	321.0	336.9	351.8	365.9	376.2	384.5
-75°	177.1	193.3	211.1	228.8	246.4	261.1	274.4	287.3	299.8	308.9	316.5
-77.5°	140.5	154.2	168.1	182.0	195.9	206.5	216.3	225.8	235.0	242.2	248.7
-80°	104.1	114.9	125.9	137.0	148.1	156.2	163.5	170.5	177.0	181.2	185.0
-82.5°	71.2	78.7	86.4	94.2	102.1	108.1	113.9	119.6	125.2	127.2	128.6
-85°	45.4	49.2	53.2	57.5	62.0	65.3	68.4	71.5	74.3	77.0	79.5
-87.5°	25.2	26.0	26.7	27.3	27.9	30.2	32.5	34.9	37.2	37.6	37.9
-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: P627888 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: GFLD-SA6C-740-U-NR-VSR-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°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
85°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
82.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
80°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
77.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
75°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
72.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
70°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
67.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
65°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.7	1.6
62.5°	6.9	7.4	7.6	7.7	7.6	7.4	6.9	6.3	5.5	6.0	7.0
60°	26.3	23.4	22.9	23.1	22.9	23.4	26.3	28.0	28.2	32.9	34.2
57.5°	117.1	130.3	133.9	130.9	133.9	130.3	117.1	103.1	89.2	87.5	89.4
55°	170.5	174.6	176.5	177.1	176.5	174.6	170.5	163.7	153.7	144.1	136.2
52.5°	209.1	207.7	207.4	207.9	207.4	207.7	209.1	208.2	204.3	194.8	180.0
50°	314.3	308.5	306.3	308.1	306.3	308.5	314.3	313.0	296.7	268.3	245.5
47.5°	401.7	403.5	406.2	408.2	406.2	403.5	401.7	399.8	383.9	353.3	320.9
45°	469.1	473.2	476.0	477.5	476.0	473.2	469.1	462.9	440.9	408.9	372.6
42.5°	537.9	538.4	537.6	539.1	537.6	538.4	537.9	532.6	508.0	474.8	436.8
40°	635.0	637.1	634.9	631.5	634.9	637.1	635.0	626.8	606.4	565.5	522.6
37.5°	829.9	832.7	823.5	816.3	823.5	832.7	829.9	812.3	782.1	726.8	672.0
35°	1147.7	1180.7	1196.3	1201.4	1196.3	1180.7	1147.7	1103.1	1054.3	1000.7	872.6
32.5°	1512.7	1558.5	1581.5	1601.9	1581.5	1558.5	1512.7	1451.7	1363.6	1243.0	1087.2
30°	2035.7	2120.2	2157.5	2210.3	2157.5	2120.2	2035.7	1929.4	1767.3	1575.7	1356.1
27.5°	2889.0	3037.5	3119.8	3196.1	3119.8	3037.5	2889.0	2705.9	2383.4	2113.4	1746.9
25°	4347.2	4633.3	4818.4	4905.8	4818.4	4633.3	4347.2	3976.6	3466.6	2979.3	2378.3
22.5°	6762.8	7290.2	7696.9	7778.4	7696.9	7290.2	6762.8	5966.3	5143.2	4288.5	3364.0
20°	10513.7	11268.3	11882.1	12191.3	11882.1	11268.3	10513.7	9161.4	7767.5	6319.5	4960.0
17.5°	17426.9	18996.4	19713.3	19831.0	19713.3	18996.4	17426.9	14873.1	12728.9	10273.1	7563.1
15°	27711.5	30367.4	32053.4	33138.9	32053.4	30367.4	27711.5	23349.5	19284.2	15435.1	11211.6
12.5°	39446.2	46992.6	51286.6	52923.7	51286.6	46992.6	39446.2	32568.0	25960.4	20159.4	14871.0
10°	55372.7	73138.0	83385.8	88542.5	83385.8	73138.0	55372.7	44120.9	33558.1	24973.1	17945.6
7.5°	82403.6	109842.4	140243.5	154308.3	140243.5	109842.4	82403.6	56328.5	41548.4	30175.0	21389.4
5°	110819.5	171064.0	223941.2	249262.2	223941.2	171064.0	110819.5	75084.4	50036.4	34798.0	24405.0
2.5°	143479.3	224724.7	299842.6	331428.0	299842.6	224724.7	143479.3	88808.2	56311.8	37549.9	26111.2
0°	156048.8	250687.0	332841.2	363843.0	332841.2	250687.0	156048.8	91761.7	57444.4	38537.6	26423.4
-2.5°	145422.4	228660.7	301133.2	336557.1	301133.2	228660.7	145422.4	88463.1	56823.8	38500.5	26672.7
-5°	115545.6	172006.9	225679.8	254545.3	225679.8	172006.9	115545.6	77858.1	51936.6	36177.8	25277.2
-7.5°	84803.3	115540.2	145348.2	155771.6	145348.2	115540.2	84803.3	59969.8	43915.8	31950.4	22964.9
-10°	59041.8	76642.8	88261.3	91576.9	88261.3	76642.8	59041.8	47155.0	36247.5	27380.2	19912.4
-12.5°	43773.5	51472.2	56828.8	57760.2	56828.8	51472.2	43773.5	36419.2	28882.0	22654.4	17127.1
-15°	32413.2	36328.2	39090.9	39276.9	39090.9	36328.2	32413.2	27962.8	22920.7	18192.4	13758.5
-17.5°	23694.2	26322.2	27716.4	27617.1	27716.4	26322.2	23694.2	20511.1	17523.2	13923.3	10664.9
-20°	16942.7	18526.7	19650.2	19430.5	19650.2	18526.7	16942.7	14823.2	12759.1	10227.9	8077.8



REPORT NUMBER: P627888 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: GFLD-SA6C-740-U-NR-VSR-XX

**CANDELA DISTRIBUTION (continued):**

	-7.5°	-5°	-2.5°	0°	2.5°	5°	7.5°	10°	12.5°	15°	17.5°
-22.5°	11813.7	12865.2	13523.5	13354.2	13523.5	12865.2	11813.7	10358.6	8928.5	7475.7	5903.3
-25°	8027.2	8600.1	8926.2	8872.0	8926.2	8600.1	8027.2	7197.7	6216.3	5332.0	4295.5
-27.5°	5470.1	5772.7	5873.7	5868.4	5873.7	5772.7	5470.1	4964.9	4289.2	3842.9	3297.9
-30°	3796.7	4000.1	4116.4	4043.2	4116.4	4000.1	3796.7	3535.0	3183.2	2896.3	2581.7
-32.5°	2829.7	2944.4	3010.8	2941.9	3010.8	2944.4	2829.7	2685.4	2498.7	2296.9	2078.3
-35°	2230.1	2288.1	2311.5	2271.9	2311.5	2288.1	2230.1	2141.2	2021.0	1885.1	1733.8
-37.5°	1818.1	1852.1	1863.7	1840.6	1863.7	1852.1	1818.1	1765.1	1692.2	1604.0	1504.0
-40°	1540.6	1561.5	1566.6	1548.0	1566.6	1561.5	1540.6	1509.1	1464.8	1410.9	1340.9
-42.5°	1347.9	1360.4	1363.3	1355.4	1363.3	1360.4	1347.9	1327.7	1295.7	1254.1	1206.6
-45°	1204.7	1215.4	1217.3	1209.1	1217.3	1215.4	1204.7	1188.9	1162.2	1126.3	1084.1
-47.5°	1088.7	1095.3	1097.0	1093.6	1097.0	1095.3	1088.7	1078.5	1058.1	1026.9	990.0
-50°	999.9	1004.4	1004.9	1001.2	1004.9	1004.4	999.9	992.7	976.6	946.0	910.8
-52.5°	925.5	928.7	930.9	931.9	930.9	928.7	925.5	919.8	907.6	878.7	847.9
-55°	862.9	867.0	869.5	870.3	869.5	867.0	862.9	857.2	849.0	821.6	791.1
-57.5°	809.6	813.3	815.6	816.3	815.6	813.3	809.6	804.4	797.7	771.5	742.1
-60°	754.0	758.6	761.4	762.4	761.4	758.6	754.0	748.0	740.6	717.7	690.3
-62.5°	680.7	682.7	684.6	685.4	684.6	682.7	680.7	676.8	670.9	652.8	628.1
-65°	608.8	613.0	615.4	616.1	615.4	613.0	608.8	602.9	594.9	579.0	556.7
-67.5°	530.9	536.3	542.0	546.8	542.0	536.3	530.9	524.0	515.5	502.0	482.9
-70°	460.3	467.1	469.3	469.8	469.3	467.1	460.3	452.4	443.4	431.4	415.1
-72.5°	391.8	398.2	403.7	408.2	403.7	398.2	391.8	384.5	376.2	365.9	351.8
-75°	323.3	329.3	330.8	331.2	330.8	329.3	323.3	316.5	308.9	299.8	287.3
-77.5°	254.8	260.3	261.5	261.8	261.5	260.3	254.8	248.7	242.2	235.0	225.8
-80°	188.4	191.5	196.0	200.2	196.0	191.5	188.4	185.0	181.2	177.0	170.5
-82.5°	129.7	130.4	130.8	130.9	130.8	130.4	129.7	128.6	127.2	125.2	119.6
-85°	82.0	84.3	84.6	84.7	84.6	84.3	82.0	79.5	77.0	74.3	71.5
-87.5°	38.2	38.4	38.5	38.5	38.5	38.4	38.2	37.9	37.6	37.2	34.9
-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: P627888 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: GFLD-SA6C-740-U-NR-VSR-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°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
85°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
82.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
80°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
77.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
75°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
72.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
70°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
67.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.5
65°	1.9	1.4	0.1	0.0	0.0	0.1	0.4	0.0	0.0	0.2	2.1
62.5°	7.8	8.5	8.8	8.0	6.0	3.7	4.5	5.4	3.7	0.7	2.6
60°	29.0	18.4	26.1	28.7	25.2	18.1	18.5	17.2	14.2	11.3	7.5
57.5°	94.9	91.7	75.3	65.0	61.9	54.9	45.2	36.0	31.8	25.6	18.1
55°	130.9	125.6	116.6	104.2	90.3	86.2	78.4	67.2	56.4	43.7	35.5
52.5°	160.9	162.3	157.2	142.3	129.8	121.5	110.8	100.2	87.1	74.8	58.3
50°	229.9	221.1	212.8	204.3	184.7	165.5	152.1	137.5	118.8	104.8	90.9
47.5°	293.6	280.5	271.6	260.3	238.0	217.9	196.7	176.1	152.7	130.9	117.1
45°	348.0	329.1	312.1	298.0	278.7	255.6	236.8	213.9	187.3	161.9	138.2
42.5°	403.3	374.6	351.6	337.4	314.0	290.3	269.0	251.5	222.5	192.9	169.0
40°	476.8	419.2	397.8	392.2	370.0	332.3	314.3	294.9	264.2	225.5	201.9
37.5°	598.0	520.9	483.1	463.3	443.1	404.0	368.9	343.6	316.0	272.3	238.6
35°	769.7	679.2	596.7	554.1	530.3	477.0	430.9	396.1	363.1	321.8	278.1
32.5°	920.5	818.4	719.8	645.4	591.9	542.7	491.2	448.2	404.9	362.7	319.7
30°	1140.3	969.9	834.1	729.2	660.4	599.3	544.6	492.7	443.8	399.3	356.0
27.5°	1439.0	1166.9	982.5	835.0	732.3	659.7	597.4	536.8	481.0	433.1	388.7
25°	1878.4	1443.4	1167.7	968.6	819.8	726.6	655.3	585.3	520.1	465.6	428.0
22.5°	2509.4	1915.3	1460.9	1113.1	947.1	829.1	723.9	635.7	561.8	513.1	468.6
20°	3596.2	2563.8	1892.0	1445.5	1140.0	950.5	806.7	703.1	627.6	564.8	509.6
17.5°	5453.8	3778.6	2449.8	1861.4	1426.6	1132.1	924.9	787.3	692.1	617.0	551.1
15°	7730.1	5185.9	3424.8	2398.3	1748.3	1283.3	1035.8	870.8	758.3	671.6	592.7
12.5°	10100.6	6525.0	4232.3	2806.1	1978.5	1444.4	1152.1	966.0	824.5	711.0	620.3
10°	12160.1	7901.1	5046.0	3287.9	2238.7	1599.2	1244.2	1026.0	864.0	739.4	643.6
7.5°	14435.5	9308.4	5795.2	3640.7	2453.5	1723.3	1306.5	1066.4	896.7	763.1	662.9
5°	16121.3	10382.7	6428.9	3962.3	2615.1	1818.0	1355.1	1095.2	922.3	782.0	678.1
2.5°	17252.3	11130.8	6826.6	4183.8	2715.1	1890.5	1394.1	1122.3	942.1	801.1	695.0
0°	17605.3	11205.5	7131.5	4320.5	2780.2	1956.1	1424.8	1147.5	955.0	816.3	708.5
-2.5°	17713.1	11333.9	7101.0	4350.4	2802.6	1991.3	1437.8	1152.2	965.0	822.0	710.4
-5°	17009.6	11001.9	6941.8	4319.8	2785.7	1990.7	1459.4	1160.6	970.7	824.0	708.8
-7.5°	15773.5	10284.1	6525.0	4124.1	2705.0	1959.0	1474.9	1171.5	976.0	830.0	714.3
-10°	13893.9	9132.6	5877.1	3795.7	2570.6	1898.0	1460.7	1165.5	972.6	829.0	715.5
-12.5°	12002.8	7842.8	5038.0	3335.8	2351.2	1785.5	1405.7	1141.7	960.4	820.6	712.2
-15°	9601.4	6564.3	4415.9	3020.3	2153.5	1664.2	1336.2	1104.3	939.8	805.3	704.1
-17.5°	7711.8	5325.1	3616.9	2590.4	1962.9	1557.7	1282.1	1074.0	915.6	789.8	693.2
-20°	5932.4	4194.2	3062.4	2279.2	1766.7	1426.6	1208.8	1029.4	887.7	773.7	682.9

Classified

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

Scaled Data Report



REPORT NUMBER: P627888 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA6C-740-U-NR-VSR-XX

**CANDELA DISTRIBUTION (continued):**

	20°	22.5°	25°	27.5°	30°	32.5°	35°	37.5°	40°	42.5°	45°
-22.5°	4470.8	3396.8	2541.8	1959.0	1584.0	1325.2	1135.5	979.6	853.8	750.7	669.3
-25°	3473.7	2709.3	2125.8	1730.5	1422.9	1213.5	1067.4	940.3	827.0	727.9	653.1
-27.5°	2747.2	2199.8	1824.5	1517.8	1292.2	1137.7	1012.3	899.4	798.0	710.7	636.7
-30°	2224.5	1869.2	1580.0	1350.0	1189.2	1060.0	959.0	864.5	771.0	688.6	618.9
-32.5°	1822.3	1603.9	1386.5	1221.5	1088.0	989.0	906.7	827.0	738.1	665.9	600.4
-35°	1560.3	1401.6	1247.1	1115.5	1003.0	927.5	854.3	779.8	707.3	640.2	579.3
-37.5°	1378.0	1248.3	1132.1	1026.1	942.3	871.3	807.0	741.2	675.4	613.8	557.5
-40°	1235.9	1125.9	1034.1	953.4	886.3	825.5	767.1	706.3	647.8	586.1	534.0
-42.5°	1119.9	1033.0	953.6	891.6	834.6	782.9	731.4	678.5	621.1	562.6	507.7
-45°	1024.2	955.9	889.4	834.5	785.8	742.3	702.8	649.9	593.8	535.3	479.5
-47.5°	944.0	887.5	832.0	780.8	740.7	703.0	665.0	618.2	559.3	504.2	456.7
-50°	872.7	827.2	780.2	733.1	697.8	663.3	623.3	574.5	523.6	478.3	433.5
-52.5°	815.3	774.2	733.3	693.8	659.4	623.1	580.2	538.0	494.6	452.0	410.9
-55°	757.3	723.9	691.0	658.5	626.1	588.7	549.1	507.1	464.7	424.8	382.8
-57.5°	711.6	680.9	651.4	622.0	592.9	555.9	515.6	474.6	430.8	390.5	351.0
-60°	663.1	636.4	607.2	578.7	551.2	518.3	474.6	432.4	391.9	353.7	315.5
-62.5°	602.8	576.8	551.3	523.8	494.9	462.4	422.6	383.7	348.6	315.4	281.1
-65°	533.5	509.5	485.0	457.8	427.5	394.1	360.2	331.7	304.6	276.4	246.1
-67.5°	462.5	440.9	415.7	388.3	362.3	335.4	311.0	286.5	261.3	235.3	208.2
-70°	398.3	381.1	360.5	336.8	311.9	286.7	263.5	240.8	217.3	195.6	174.8
-72.5°	336.9	321.0	302.4	280.7	258.8	237.7	218.1	199.6	181.3	163.3	144.8
-75°	274.4	261.1	246.4	228.8	211.1	193.3	177.1	162.1	146.7	130.9	115.2
-77.5°	216.3	206.5	195.9	182.0	168.1	154.2	140.5	127.0	114.3	102.4	91.5
-80°	163.5	156.2	148.1	137.0	125.9	114.9	104.1	94.9	86.2	78.3	70.6
-82.5°	113.9	108.1	102.1	94.2	86.4	78.7	71.2	65.5	60.0	54.7	49.6
-85°	68.4	65.3	62.0	57.5	53.2	49.2	45.4	42.3	39.1	35.9	32.6
-87.5°	32.5	30.2	27.9	27.3	26.7	26.0	25.2	22.9	20.6	18.4	16.3
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0





REPORT NUMBER: P627888 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: GFLD-SA6C-740-U-NR-VSR-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°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
85°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
82.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
80°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
77.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
75°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.3	0.7	0.1	0.0
72.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.7	1.7	1.6	0.5
70°	0.0	0.0	0.0	0.7	0.7	0.0	0.0	1.0	2.9	3.2	2.4
67.5°	0.0	0.0	0.0	1.6	2.6	2.2	0.5	1.3	3.1	4.9	4.3
65°	2.6	1.8	0.1	2.0	3.8	5.0	3.8	2.3	3.4	5.2	6.4
62.5°	4.5	5.8	4.4	3.2	4.3	6.1	7.1	4.8	4.0	5.5	7.2
60°	5.1	6.9	7.8	6.1	5.4	6.5	7.7	7.1	5.6	5.8	7.5
57.5°	13.5	8.7	8.7	8.3	7.0	7.1	7.7	7.7	6.9	6.5	7.7
55°	25.2	18.4	13.0	10.4	8.7	7.6	7.9	7.7	7.7	7.1	7.7
52.5°	43.7	31.8	23.3	15.8	11.7	8.7	8.7	7.7	7.7	7.5	7.7
50°	69.7	50.1	36.7	26.4	16.4	12.9	10.0	9.0	7.7	7.7	7.7
47.5°	101.9	74.8	53.6	38.6	27.1	17.4	13.7	10.7	7.7	7.7	7.7
45°	125.7	104.4	74.6	54.0	38.1	26.2	18.5	12.7	9.6	8.0	7.7
42.5°	149.1	129.9	101.6	69.2	52.3	36.2	23.6	17.0	11.7	8.5	8.0
40°	179.1	155.0	127.3	94.4	68.0	46.0	32.0	21.9	14.1	9.8	8.6
37.5°	210.0	183.0	152.8	118.6	85.7	60.9	40.6	27.1	17.8	12.5	9.4
35°	244.7	212.2	178.1	141.7	106.8	76.4	48.9	33.2	22.7	15.3	10.3
32.5°	279.7	240.3	201.6	164.2	126.4	92.2	60.5	41.1	27.4	18.3	11.3
30°	313.7	268.1	223.3	185.6	145.1	109.1	75.1	49.8	31.9	21.4	12.8
27.5°	344.5	295.4	244.3	204.7	163.8	124.9	89.9	59.1	36.3	24.8	15.3
25°	376.8	323.0	268.3	221.8	181.5	140.8	103.5	69.1	42.7	28.5	17.8
22.5°	413.6	350.9	291.4	237.2	200.1	156.3	116.5	80.9	50.4	32.0	20.3
20°	452.9	378.6	314.7	259.0	217.4	172.3	129.5	91.7	58.3	35.3	22.7
17.5°	493.3	408.9	342.7	284.0	234.6	187.3	141.9	101.6	66.2	38.4	25.1
15°	520.7	439.3	368.0	307.3	251.9	201.1	153.5	110.6	74.0	41.2	27.5
12.5°	543.6	465.4	390.2	328.9	268.9	213.7	164.4	118.7	81.6	45.1	29.9
10°	563.8	487.5	409.6	348.7	285.3	225.1	174.4	125.8	88.7	50.1	32.0
7.5°	581.3	505.6	426.3	366.5	301.0	236.6	182.7	132.1	94.8	55.1	33.9
5°	595.9	521.3	440.2	378.1	315.5	248.7	189.8	137.6	99.9	60.1	35.7
2.5°	607.6	535.6	452.1	386.5	328.1	259.8	195.6	142.3	104.2	64.9	37.2
0°	616.1	546.8	462.1	392.8	338.9	269.5	200.2	146.3	107.8	69.3	38.5
-2.5°	621.7	548.7	472.7	400.1	345.3	277.6	209.6	151.3	110.7	73.2	40.8
-5°	624.1	548.5	480.6	405.6	350.0	284.0	217.4	155.3	112.9	76.6	42.9
-7.5°	627.5	551.0	484.9	410.0	353.1	289.0	223.4	158.4	114.6	79.4	44.8
-10°	628.9	553.6	486.0	415.5	355.7	292.6	227.3	160.3	115.8	81.4	46.5
-12.5°	627.1	553.3	485.7	418.5	356.9	294.7	229.4	163.3	117.0	82.7	47.9
-15°	622.1	550.1	484.5	418.8	356.7	295.5	230.0	166.1	119.3	83.0	49.1
-17.5°	614.4	543.7	482.8	416.3	355.3	295.1	229.3	167.4	120.5	82.4	50.3
-20°	606.8	537.9	480.2	410.7	352.6	293.5	227.4	167.1	120.5	81.2	51.3

Classified

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Scaled Data Report



REPORT NUMBER: P627888 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA6C-740-U-NR-VSR-XX

**CANDELA DISTRIBUTION (continued):**

	47.5°	50°	52.5°	55°	57.5°	60°	62.5°	65°	67.5°	70°	72.5°
-22.5°	596.8	532.4	471.7	405.1	348.8	290.7	224.2	165.2	119.1	79.4	51.9
-25°	584.2	524.1	462.0	400.8	343.9	285.3	220.4	161.5	116.3	76.9	52.1
-27.5°	571.6	512.8	451.7	394.8	337.2	278.6	215.5	158.1	112.4	73.9	52.0
-30°	556.9	500.1	442.7	386.5	327.8	269.2	208.4	152.8	108.3	72.2	51.4
-32.5°	540.8	487.4	432.6	374.2	316.1	258.8	199.4	145.5	103.4	71.4	50.8
-35°	524.6	473.1	420.3	358.7	303.4	247.5	190.3	136.3	97.9	69.9	50.1
-37.5°	505.5	455.5	400.4	342.1	289.9	235.3	181.7	131.0	91.8	67.9	49.2
-40°	483.8	433.9	377.7	326.6	275.7	222.4	172.5	126.2	87.9	65.3	48.0
-42.5°	459.6	409.7	359.5	310.7	260.7	211.5	163.0	120.2	86.1	63.2	46.6
-45°	434.6	387.8	342.4	294.2	245.7	200.0	155.0	113.7	83.5	61.4	45.2
-47.5°	411.3	369.2	323.8	276.6	232.6	188.3	145.6	109.3	79.9	59.3	43.7
-50°	391.5	348.8	303.5	258.7	217.3	176.4	136.0	103.6	76.8	57.0	41.8
-52.5°	368.8	325.7	281.3	238.9	200.9	163.1	127.7	96.9	72.6	54.2	39.5
-55°	341.8	299.0	256.5	219.3	183.8	150.4	118.0	89.8	67.2	50.9	36.9
-57.5°	310.1	268.6	233.8	200.0	166.7	136.2	107.2	81.4	62.3	47.3	33.9
-60°	277.7	244.1	212.2	179.2	148.6	120.9	94.9	72.9	57.3	43.2	30.7
-62.5°	248.8	218.1	186.7	156.6	129.8	104.8	82.3	66.4	51.8	38.7	27.1
-65°	216.4	187.3	159.3	134.5	110.7	89.7	73.9	59.3	45.9	33.9	23.9
-67.5°	181.6	158.4	134.7	112.2	94.6	79.2	64.9	51.6	39.6	28.8	21.9
-70°	153.5	131.7	112.4	96.4	81.8	68.1	55.3	43.6	32.9	25.7	19.8
-72.5°	126.6	109.9	94.6	81.0	68.3	56.4	45.3	35.8	28.6	22.5	17.4
-75°	100.9	88.8	76.8	65.0	54.2	44.5	37.2	30.1	24.2	19.1	15.2
-77.5°	80.8	70.0	59.0	50.6	44.0	37.4	30.6	24.2	20.0	16.6	13.1
-80°	62.2	54.7	48.0	42.3	36.2	30.1	24.9	20.4	17.3	14.1	11.0
-82.5°	44.7	40.7	37.2	33.8	29.1	24.7	20.8	17.3	14.5	11.6	8.6
-85°	30.5	28.6	26.8	25.3	22.1	19.2	15.9	12.9	10.3	7.9	5.8
-87.5°	15.6	14.8	14.1	13.2	11.4	9.6	8.0	6.5	5.1	3.9	2.9
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

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Scaled Data Report



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CATALOG NUMBER: GFLD-SA6C-740-U-NR-VSR-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°	0.0	0.0	0.0	0.0	0.0	0.2	0.0
85°	0.0	0.0	0.0	0.0	0.0	0.3	0.0
82.5°	0.0	0.0	0.0	0.0	0.0	0.5	0.0
80°	0.0	0.0	0.0	0.0	0.0	0.7	0.0
77.5°	0.1	0.2	0.0	0.0	0.1	0.9	0.0
75°	0.2	0.6	0.1	0.0	0.1	1.0	0.0
72.5°	0.4	1.2	0.8	0.0	0.2	1.2	0.0
70°	0.9	1.7	1.6	0.1	0.3	1.4	0.0
67.5°	2.7	2.4	2.3	0.9	0.4	1.6	0.0
65°	4.4	3.3	3.1	1.7	0.6	1.8	0.0
62.5°	6.1	4.4	4.0	2.5	0.8	2.0	0.0
60°	7.5	5.4	4.8	3.2	1.0	2.2	0.0
57.5°	7.7	6.3	5.4	4.1	1.7	2.4	0.0
55°	7.7	7.1	5.9	4.9	2.3	2.6	0.0
52.5°	7.7	7.7	6.4	5.7	2.9	2.8	0.0
50°	7.7	7.7	6.8	6.6	3.5	3.1	0.0
47.5°	7.7	7.7	7.1	7.3	4.0	3.3	0.0
45°	7.7	7.7	7.4	7.5	4.5	3.5	0.0
42.5°	7.7	7.7	7.6	7.6	5.0	3.8	0.0
40°	7.7	7.7	7.7	7.7	5.4	4.0	0.0
37.5°	7.7	7.7	7.7	7.7	5.8	4.2	0.0
35°	7.7	7.7	7.7	7.7	6.1	4.5	0.0
32.5°	7.9	7.7	7.7	7.7	6.4	4.7	0.0
30°	8.7	7.7	7.7	7.7	6.7	5.0	0.0
27.5°	9.6	7.7	7.7	7.7	6.9	5.3	0.0
25°	10.5	7.7	7.7	7.7	7.1	5.5	0.0
22.5°	11.5	7.8	7.7	7.7	7.2	5.8	0.0
20°	12.4	8.4	7.7	7.7	7.4	6.0	0.0
17.5°	13.8	9.1	7.7	7.7	7.5	6.2	0.0
15°	15.4	9.9	7.7	7.7	7.6	6.5	0.0
12.5°	16.9	10.8	7.7	7.7	7.6	6.7	0.0
10°	18.3	11.7	7.7	7.7	7.7	6.9	0.0
7.5°	19.6	12.6	7.7	7.7	7.7	7.1	0.0
5°	20.9	13.6	7.7	7.7	7.7	7.3	0.0
2.5°	22.0	14.5	7.7	7.7	7.7	7.5	0.0
0°	23.1	15.4	7.7	7.7	7.7	7.7	0.0
-2.5°	25.1	16.2	8.4	7.7	7.7	7.7	0.0
-5°	27.0	17.0	9.0	7.7	7.7	7.7	0.0
-7.5°	28.7	17.6	9.7	7.7	7.7	7.6	0.0
-10°	30.2	18.2	10.2	7.7	7.7	7.6	0.0
-12.5°	31.5	18.7	10.7	7.7	7.7	7.5	0.0
-15°	32.4	19.1	11.2	7.7	7.7	7.4	0.0
-17.5°	33.1	19.5	11.5	7.7	7.7	7.3	0.0
-20°	33.5	19.7	11.7	7.7	7.7	7.2	0.0

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**CANDELA DISTRIBUTION (continued):**

	75°	77.5°	80°	82.5°	85°	87.5°	90°
-22.5°	34.0	19.9	11.8	7.7	7.7	7.1	0.0
-25°	34.2	20.4	11.8	7.7	7.7	7.0	0.0
-27.5°	34.2	20.9	11.6	7.7	7.7	6.8	0.0
-30°	34.0	21.3	11.3	7.7	7.7	6.7	0.0
-32.5°	33.6	21.4	11.3	7.7	7.7	6.5	0.0
-35°	33.5	21.4	11.1	7.7	7.7	6.3	0.0
-37.5°	33.4	21.2	10.9	7.7	7.7	6.1	0.0
-40°	33.0	20.7	10.5	7.7	7.7	5.9	0.0
-42.5°	32.3	20.1	10.4	7.8	7.7	5.7	0.0
-45°	31.3	19.3	10.7	8.0	7.7	5.4	0.0
-47.5°	30.0	18.3	10.8	8.1	7.7	5.2	0.0
-50°	28.5	17.1	10.9	8.2	7.7	4.9	0.0
-52.5°	26.7	15.7	11.0	8.3	7.7	4.7	0.0
-55°	24.6	15.3	10.9	8.3	7.7	4.4	0.0
-57.5°	22.3	14.9	10.7	8.3	7.7	4.1	0.0
-60°	20.0	14.4	10.5	8.3	7.7	3.8	0.0
-62.5°	18.9	13.8	10.2	8.2	7.1	3.6	0.0
-65°	17.8	13.1	9.8	8.1	6.5	3.3	0.0
-67.5°	16.4	12.3	9.4	7.9	5.9	2.9	0.0
-70°	15.0	11.3	8.9	7.7	5.3	2.6	0.0
-72.5°	13.3	10.3	8.4	6.9	4.6	2.3	0.0
-75°	11.6	9.3	7.8	6.0	4.0	2.0	0.0
-77.5°	9.8	8.1	6.6	5.0	3.3	1.7	0.0
-80°	7.9	6.6	5.3	4.0	2.7	1.3	0.0
-82.5°	6.0	5.0	4.0	3.0	2.0	1.0	0.0
-85°	4.0	3.3	2.7	2.0	1.3	0.7	0.0
-87.5°	2.0	1.7	1.3	1.0	0.7	0.3	0.0
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0

(END OF REPORT)