

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: P627798 (CONVERTED FROM TYPE C PHOTOMETRY)

Luminaire Tested: **GFLD-SA6B-727-U-NR-VSR-XX**

Issue Date: 12/7/2022

Test Information

Test Method: LM-79-08
Report Number: P627798 (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-SA6B-727-U-NR-VSR-XX
Description: GALLEON FLOOD, SIX LIGHT SQAURE, NARROW SYMMETRICAL ROUND N3 WITH VISOR
Light Source: (96) 2700K CCT, 70 CRI LEDS
Ballast/Driver: -

Summary

Lumens per Lamp: N/A
Luminaire Lumens: 23977.6 lumens
Efficiency: N/A
Efficacy: 125.8 lumens/watt
Luminous Opening: Rectangular (W 1.5' x L: 1' x H: 0')

NEMA Type: 3H x 3V
Max Intensity: 243053.1 candela
Max Intensity Angle: 0°H x 0°V

Beam Angle (50%): 13.6°H x 13.6°V
Beam Lumens: 7654.8 lumens
Beam Efficiency: 31.9%

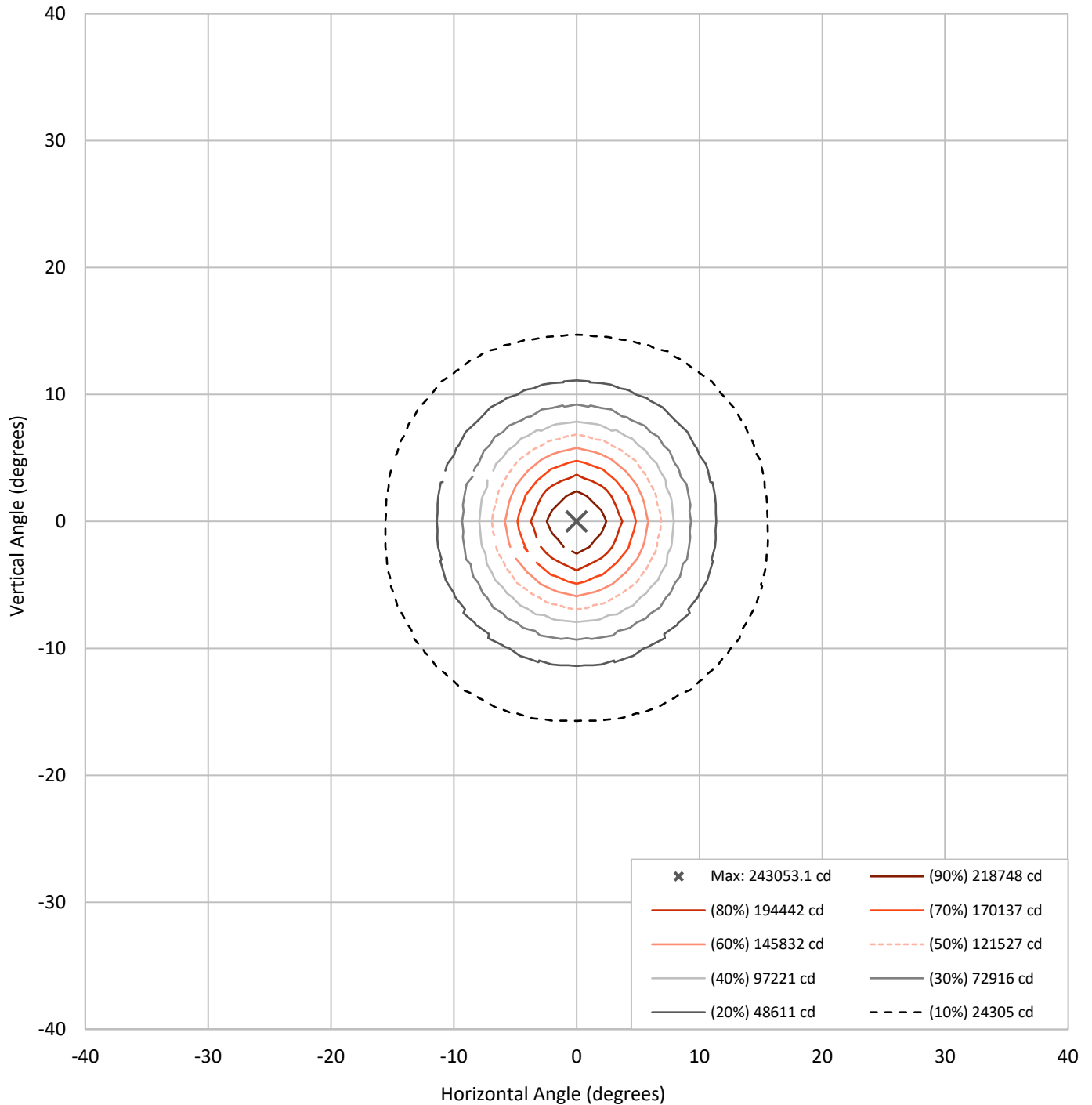
Field Angle (10%): 30.9°H x 30.2°V
Field Lumens: 17049.6 lumens
Field Efficiency: 71.1%

Input Watts (W): 190.6
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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CATALOG NUMBER: GFLD-SA6B-727-U-NR-VSR-XX

Iso-Candela Plot





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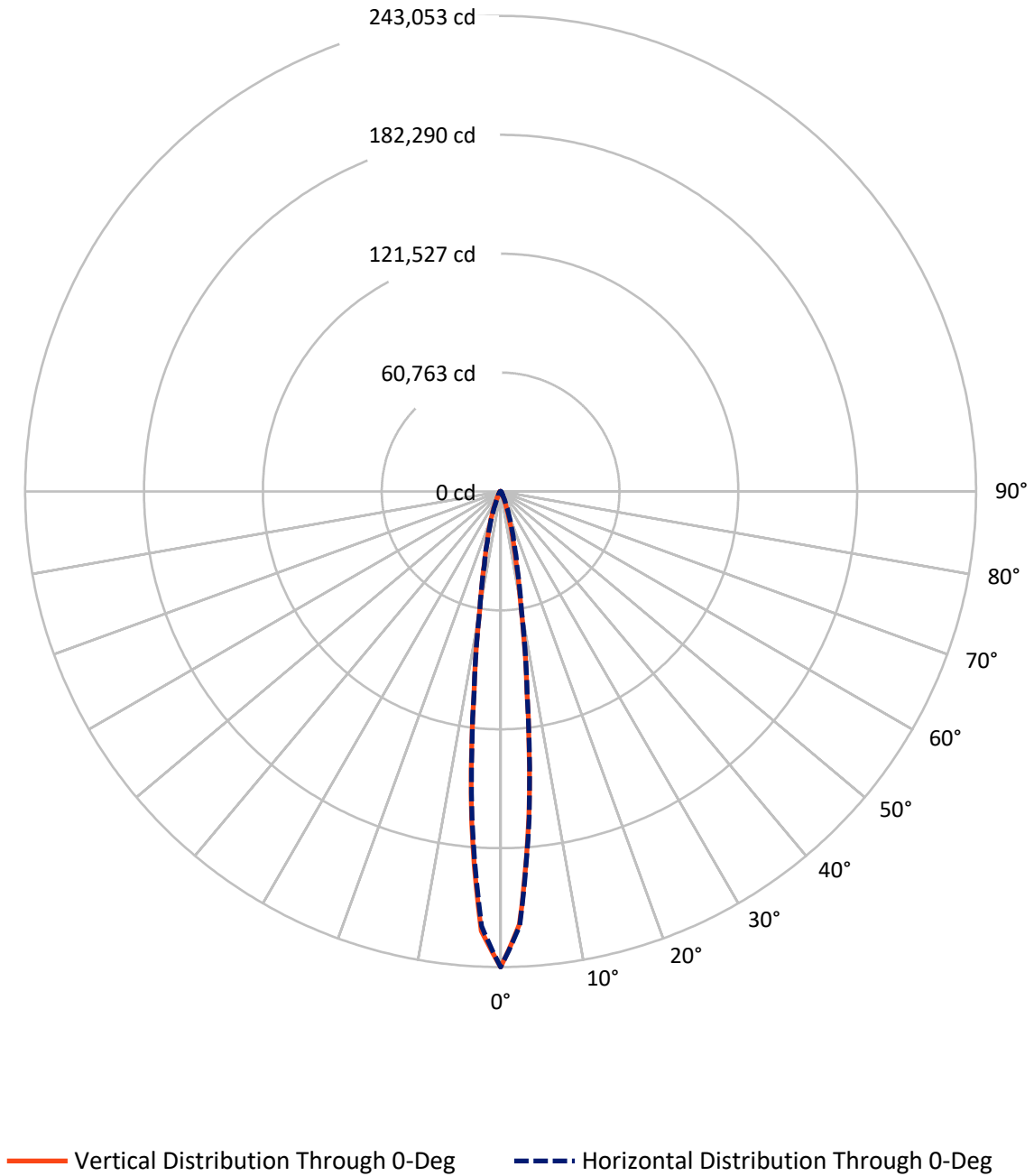
CATALOG NUMBER: GFLD-SA6B-727-U-NR-VSR-XX

Lumen Table

90																			
80	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0				
70																			
60	0.1	0.0	0.0	0.0	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.0	0.0	0.0				
50		0.1	0.2	0.6	1.3	2.1	2.8	3.4	3.4	2.8	2.1	1.3	0.6	0.2	0.1				
40	0.1	0.1	0.7	2.1	3.9	5.8	8.1	9.5	9.5	8.1	5.8	3.9	2.1	0.7	0.1				
30		0.3	1.7	4.1	7.3	11.5	19.5	24.8	24.8	19.5	11.5	7.3	4.1	1.7	0.3				
20	0.2	0.7	2.7	6.2	11.2	24.4	65.1	107.9	107.9	65.1	24.4	11.2	6.2	2.7	0.7				
10		1.0	3.7	8.5	18.6	72.9	307.4	675.6	675.6	307.4	72.9	18.6	8.5	3.7	1.0				
0	0.4	1.3	4.5	10.0	25.2	136.9	736.5	3303.1	3303.1	736.5	136.9	25.2	10.0	4.5	1.3				
-10		1.5	4.9	10.6	27.1	145.8	762.3	3359.2	3359.2	762.3	145.8	27.1	10.6	4.9	1.5				
-20	0.5	1.6	4.9	10.4	23.7	92.8	370.1	791.5	791.5	370.1	92.8	23.7	10.4	4.9	1.6				
-30		1.5	4.7	9.5	18.3	43.4	114.0	190.1	190.1	114.0	43.4	18.3	9.5	4.7	1.5				
-40	0.4	1.3	4.2	8.4	14.4	23.8	38.8	49.3	49.3	38.8	23.8	14.4	8.4	4.2	1.3				
-50		1.1	3.5	7.0	11.6	16.6	22.4	25.0	25.0	22.4	16.6	11.6	7.0	3.5	1.1				
-60	0.3	0.8	2.6	5.5	9.1	12.8	16.1	17.6	17.6	16.1	12.8	9.1	5.5	2.6	0.8				
-70		0.5	1.6	3.6	6.1	8.9	11.3	12.4	12.4	11.3	8.9	6.1	3.6	1.6	0.5				
-80	0.1	1.4	6.0	13.3	16.8	13.3	6.0	1.4	0.1										
-90																			
	-90	-80	-70	-60	-50	-40	-30	-20	-10	0	10	20	30	40	50	60	70	80	90

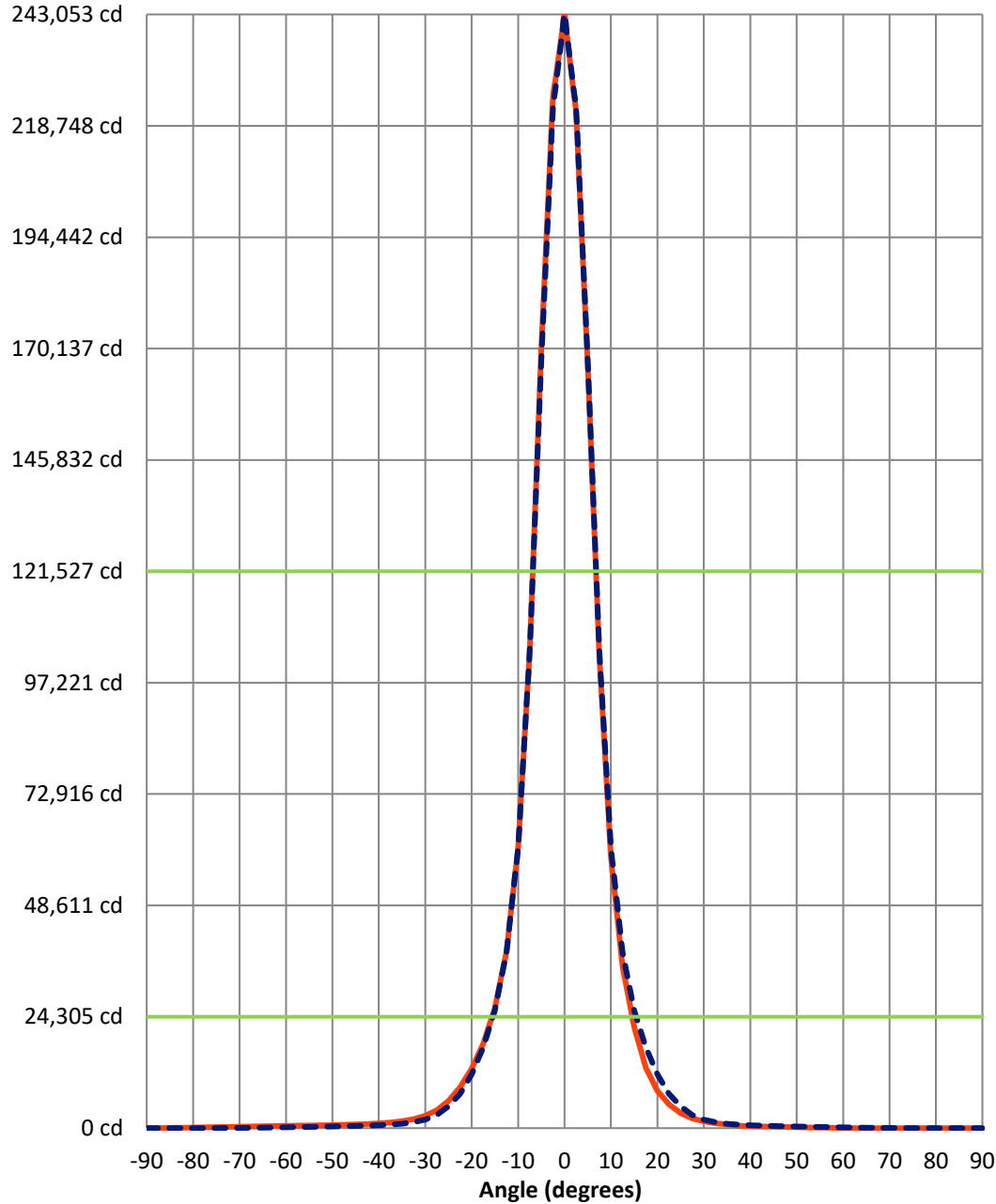
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Luminous Intensity Polar Plot



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Luminous Intensity Plot



Beam:
 H Angle: 13.6°
 V Angle: 13.6°
 Lumens: 7654.8
 Efficiency: 31.9%

Field:
 H Angle: 30.9°
 V Angle: 30.2°
 Lumens: 17049.6
 Efficiency: 71.1%

Spill:
 Lumens: 6928
 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	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
85°	0.0	0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
82.5°	0.0	0.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
80°	0.0	0.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
77.5°	0.0	0.6	0.1	0.0	0.0	0.1	0.0	0.0	0.0	0.0	0.0
75°	0.0	0.7	0.1	0.0	0.1	0.4	0.1	0.0	0.1	0.4	0.2
72.5°	0.0	0.8	0.1	0.0	0.5	0.8	0.3	0.3	1.1	1.1	0.5
70°	0.0	0.9	0.2	0.1	1.0	1.2	0.6	1.6	2.1	1.9	0.7
67.5°	0.0	1.0	0.3	0.6	1.5	1.6	1.8	2.9	3.3	2.1	0.9
65°	0.0	1.2	0.4	1.1	2.1	2.2	2.9	4.2	3.4	2.3	1.5
62.5°	0.0	1.3	0.5	1.6	2.6	2.9	4.0	4.8	3.6	2.6	3.2
60°	0.0	1.4	0.7	2.2	3.2	3.6	5.0	5.0	3.8	3.7	4.7
57.5°	0.0	1.6	1.1	2.7	3.6	4.2	5.1	5.1	4.3	4.5	5.1
55°	0.0	1.7	1.5	3.2	3.9	4.7	5.1	5.1	4.7	5.1	5.1
52.5°	0.0	1.9	1.9	3.8	4.2	5.1	5.1	5.1	5.0	5.1	5.1
50°	0.0	2.0	2.3	4.4	4.5	5.1	5.1	5.1	5.1	5.1	5.9
47.5°	0.0	2.2	2.7	4.8	4.7	5.1	5.1	5.1	5.1	5.1	7.1
45°	0.0	2.3	3.0	5.0	4.9	5.1	5.1	5.1	5.3	6.4	8.5
42.5°	0.0	2.5	3.3	5.1	5.0	5.1	5.1	5.3	5.6	7.8	11.4
40°	0.0	2.7	3.6	5.1	5.1	5.1	5.1	5.7	6.5	9.4	14.7
37.5°	0.0	2.8	3.8	5.1	5.1	5.1	5.1	6.2	8.3	11.9	18.1
35°	0.0	3.0	4.0	5.1	5.1	5.1	5.1	6.8	10.2	15.2	22.2
32.5°	0.0	3.1	4.2	5.1	5.1	5.1	5.3	7.6	12.2	18.3	27.5
30°	0.0	3.3	4.4	5.1	5.1	5.1	5.8	8.6	14.3	21.3	33.3
27.5°	0.0	3.5	4.6	5.1	5.1	5.1	6.4	10.2	16.6	24.3	39.5
25°	0.0	3.6	4.7	5.1	5.1	5.1	7.0	11.9	19.0	28.5	46.1
22.5°	0.0	3.8	4.8	5.1	5.1	5.2	7.6	13.5	21.4	33.7	54.0
20°	0.0	4.0	4.9	5.1	5.1	5.6	8.3	15.2	23.6	39.0	61.3
17.5°	0.0	4.1	5.0	5.1	5.1	6.0	9.2	16.8	25.7	44.2	67.9
15°	0.0	4.3	5.0	5.1	5.1	6.6	10.3	18.4	27.6	49.4	73.9
12.5°	0.0	4.4	5.0	5.1	5.1	7.2	11.3	20.0	30.2	54.5	79.3
10°	0.0	4.6	5.1	5.1	5.1	7.8	12.2	21.4	33.5	59.2	84.1
7.5°	0.0	4.7	5.1	5.1	5.1	8.4	13.1	22.7	36.9	63.3	88.2
5°	0.0	4.9	5.1	5.1	5.1	9.1	13.9	23.8	40.2	66.7	91.9
2.5°	0.0	5.0	5.1	5.1	5.1	9.7	14.7	24.8	43.3	69.6	95.1
0°	0.0	5.1	5.1	5.1	5.1	10.3	15.4	25.7	46.3	72.0	97.7
-2.5°	0.0	5.1	5.1	5.1	5.6	10.8	16.7	27.3	48.9	73.9	101.0
-5°	0.0	5.1	5.1	5.1	6.0	11.3	18.0	28.7	51.2	75.4	103.8
-7.5°	0.0	5.1	5.1	5.1	6.4	11.8	19.1	29.9	53.0	76.5	105.8
-10°	0.0	5.0	5.1	5.1	6.8	12.2	20.2	31.0	54.4	77.4	107.1
-12.5°	0.0	5.0	5.1	5.1	7.2	12.5	21.0	32.0	55.2	78.1	109.1
-15°	0.0	4.9	5.1	5.1	7.4	12.8	21.6	32.8	55.4	79.7	111.0
-17.5°	0.0	4.9	5.1	5.1	7.7	13.0	22.1	33.6	55.0	80.5	111.8
-20°	0.0	4.8	5.1	5.1	7.8	13.2	22.4	34.2	54.2	80.5	111.6

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Scaled Data Report



REPORT NUMBER: P627798 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA6B-727-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	4.7	5.1	5.1	7.9	13.3	22.7	34.7	53.0	79.6	110.4
-25°	0.0	4.6	5.1	5.1	7.9	13.6	22.8	34.8	51.4	77.7	107.9
-27.5°	0.0	4.5	5.1	5.1	7.7	14.0	22.8	34.7	49.3	75.1	105.6
-30°	0.0	4.4	5.1	5.1	7.5	14.2	22.7	34.3	48.2	72.3	102.1
-32.5°	0.0	4.3	5.1	5.1	7.5	14.3	22.4	33.9	47.7	69.1	97.3
-35°	0.0	4.2	5.1	5.1	7.4	14.3	22.4	33.5	46.7	65.4	91.1
-37.5°	0.0	4.0	5.1	5.1	7.2	14.1	22.3	32.8	45.3	61.3	87.6
-40°	0.0	3.9	5.1	5.1	7.0	13.9	22.0	32.1	43.6	58.7	84.3
-42.5°	0.0	3.8	5.1	5.2	6.9	13.4	21.5	31.1	42.2	57.5	80.3
-45°	0.0	3.6	5.1	5.3	7.1	12.9	20.9	30.2	41.0	55.8	75.9
-47.5°	0.0	3.4	5.1	5.4	7.2	12.2	20.0	29.2	39.6	53.3	73.0
-50°	0.0	3.3	5.1	5.5	7.3	11.4	19.0	27.9	38.1	51.3	69.2
-52.5°	0.0	3.1	5.1	5.5	7.3	10.4	17.8	26.4	36.2	48.5	64.7
-55°	0.0	2.9	5.1	5.5	7.2	10.2	16.4	24.6	34.0	44.9	60.0
-57.5°	0.0	2.7	5.1	5.5	7.1	9.9	14.9	22.7	31.6	41.6	54.4
-60°	0.0	2.5	5.1	5.5	7.0	9.6	13.3	20.5	28.9	38.3	48.7
-62.5°	0.0	2.4	4.7	5.4	6.8	9.2	12.6	18.1	25.9	34.6	44.4
-65°	0.0	2.2	4.3	5.3	6.5	8.7	11.9	15.9	22.6	30.7	39.6
-67.5°	0.0	2.0	3.9	5.2	6.3	8.2	11.0	14.6	19.2	26.5	34.5
-70°	0.0	1.7	3.5	5.1	5.9	7.6	10.0	13.2	17.2	22.0	29.1
-72.5°	0.0	1.5	3.1	4.6	5.6	6.9	8.9	11.6	15.0	19.1	23.9
-75°	0.0	1.3	2.6	3.9	5.2	6.1	7.8	10.2	12.8	16.1	20.1
-77.5°	0.0	1.1	2.2	3.3	4.4	5.4	6.5	8.7	11.1	13.4	16.1
-80°	0.0	0.9	1.8	2.6	3.5	4.4	5.3	7.3	9.4	11.5	13.6
-82.5°	0.0	0.7	1.3	2.0	2.6	3.3	3.9	5.7	7.7	9.7	11.6
-85°	0.0	0.4	0.9	1.3	1.8	2.2	2.6	3.8	5.2	6.9	8.7
-87.5°	0.0	0.2	0.4	0.7	0.9	1.1	1.3	1.9	2.6	3.4	4.3
-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: P627798 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA6B-727-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	0.5	0.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0
67.5°	0.3	1.5	1.7	1.1	0.0	0.0	0.0	0.3	0.0	0.0	0.0
65°	2.5	3.3	2.5	1.3	0.1	1.2	1.7	1.4	0.2	0.0	0.0
62.5°	4.7	4.0	2.8	2.1	2.9	3.9	3.0	1.7	0.5	2.5	3.6
60°	5.1	4.3	3.6	4.0	5.2	4.6	3.3	5.0	7.5	9.5	11.5
57.5°	5.1	4.7	4.6	5.5	5.8	5.8	9.0	12.1	17.1	21.2	24.0
55°	5.2	5.0	5.8	6.9	8.6	12.3	16.8	23.7	29.2	37.7	44.9
52.5°	5.8	5.8	7.8	10.5	15.5	21.2	29.2	38.9	49.9	58.2	66.9
50°	6.6	8.6	11.0	17.6	24.5	33.4	46.5	60.7	70.0	79.3	91.9
47.5°	9.1	11.7	18.1	25.8	35.8	50.0	68.0	78.3	87.4	102.0	117.6
45°	12.4	17.5	25.4	36.1	49.9	69.7	84.0	92.3	108.2	125.1	142.9
42.5°	15.8	24.2	35.0	46.2	67.9	86.8	99.6	112.9	128.9	148.7	168.0
40°	21.4	30.7	45.4	63.0	85.1	103.5	119.7	134.9	150.7	176.5	197.1
37.5°	27.1	40.7	57.3	79.2	102.1	122.3	140.3	159.4	181.9	211.1	229.5
35°	32.6	51.0	71.3	94.7	119.0	141.8	163.4	185.8	215.0	242.6	264.6
32.5°	40.4	61.6	84.4	109.7	134.7	160.5	186.8	213.6	242.3	270.5	299.4
30°	50.2	72.9	96.9	124.0	149.2	179.1	209.5	237.9	266.7	296.4	329.1
27.5°	60.0	83.4	109.5	136.8	163.2	197.3	230.2	259.7	289.3	321.3	358.5
25°	69.2	94.1	121.3	148.2	179.2	215.8	251.8	285.9	311.0	347.4	391.0
22.5°	77.9	104.4	133.7	158.4	194.6	234.4	276.3	313.0	342.7	375.2	424.7
20°	86.5	115.1	145.3	173.0	210.1	252.9	302.6	340.5	377.3	419.2	469.7
17.5°	94.8	125.1	156.8	189.7	228.9	273.2	329.6	368.1	412.1	462.4	525.9
15°	102.6	134.4	168.3	205.3	245.8	293.4	347.8	396.0	448.6	506.6	581.7
12.5°	109.9	142.8	179.6	219.7	260.6	310.9	363.1	414.3	475.0	550.8	645.3
10°	116.6	150.4	190.6	232.9	273.6	325.6	376.7	430.0	493.9	577.2	685.4
7.5°	122.1	158.1	201.0	244.8	284.7	337.7	388.3	442.8	509.8	599.0	712.3
5°	126.8	166.2	210.7	252.6	294.0	348.2	398.1	453.0	522.4	616.0	731.6
2.5°	130.7	173.6	219.2	258.2	302.0	357.8	405.9	464.3	535.2	629.3	749.7
0°	133.8	180.1	226.4	262.4	308.7	365.3	411.6	473.3	545.3	637.9	766.6
-2.5°	140.0	185.5	230.7	267.2	315.8	366.5	415.3	474.6	549.1	644.6	769.7
-5°	145.3	189.7	233.8	271.0	321.1	366.4	416.9	473.6	550.5	648.5	775.3
-7.5°	149.3	193.0	235.9	273.9	324.0	368.1	419.2	477.2	554.5	652.0	782.6
-10°	151.9	195.4	237.6	277.5	324.6	369.8	420.1	478.0	553.8	649.7	778.6
-12.5°	153.3	196.8	238.4	279.5	324.5	369.6	418.9	475.8	548.2	641.6	762.7
-15°	153.7	197.4	238.3	279.7	323.7	367.4	415.6	470.4	537.9	627.8	737.7
-17.5°	153.2	197.1	237.3	278.0	322.5	363.2	410.4	463.1	527.6	611.6	717.5
-20°	151.9	196.0	235.5	274.3	320.8	359.3	405.3	456.2	516.9	593.0	687.6

Classified

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

Scaled Data Report



REPORT NUMBER: P627798 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA6B-727-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°	149.8	194.2	233.0	270.6	315.1	355.6	398.7	447.1	501.5	570.4	654.4
-25°	147.3	190.6	229.7	267.7	308.6	350.1	390.2	436.3	486.3	552.4	628.1
-27.5°	144.0	186.1	225.2	263.7	301.7	342.5	381.8	425.3	474.8	533.1	600.8
-30°	139.2	179.8	219.0	258.2	295.7	334.0	372.0	413.5	460.0	515.1	577.5
-32.5°	133.2	172.9	211.1	249.9	288.9	325.5	361.2	401.1	444.8	493.1	552.5
-35°	127.2	165.3	202.7	239.6	280.8	316.0	350.4	387.0	427.7	472.5	520.9
-37.5°	121.4	157.2	193.6	228.5	267.5	304.3	337.7	372.4	410.1	451.2	495.1
-40°	115.3	148.6	184.2	218.1	252.3	289.8	323.2	356.7	391.5	432.8	471.8
-42.5°	108.9	141.3	174.2	207.5	240.1	273.7	307.0	339.1	375.8	414.9	453.2
-45°	103.5	133.7	164.2	196.6	228.7	259.0	290.3	320.4	357.6	396.6	434.2
-47.5°	97.3	125.8	155.4	184.8	216.3	246.6	274.7	305.1	336.8	373.6	413.0
-50°	90.8	117.8	145.2	172.8	202.7	233.0	261.5	289.6	319.5	349.8	383.8
-52.5°	85.3	108.9	134.2	159.6	187.9	217.6	246.4	274.5	302.0	330.4	359.4
-55°	78.8	100.4	122.8	146.5	171.3	199.7	228.3	255.7	283.8	310.4	338.8
-57.5°	71.6	91.0	111.3	133.6	156.2	179.4	207.2	234.4	260.8	287.7	317.0
-60°	63.4	80.8	99.2	119.7	141.7	163.0	185.5	210.8	236.3	261.7	288.8
-62.5°	55.0	70.1	86.7	104.6	124.7	145.7	166.2	187.8	210.7	232.9	256.3
-65°	49.4	60.0	74.0	89.9	106.4	125.1	144.6	164.4	184.6	203.5	221.5
-67.5°	43.4	52.9	63.3	75.0	90.0	105.8	121.3	139.1	157.2	174.5	191.4
-70°	37.0	45.5	54.7	64.4	75.1	88.0	102.5	116.8	130.7	145.2	160.9
-72.5°	30.3	37.7	45.6	54.1	63.2	73.4	84.6	96.8	109.2	121.2	133.4
-75°	24.8	29.7	36.2	43.4	51.3	59.3	67.4	77.0	87.5	98.0	108.3
-77.5°	20.4	24.9	29.4	33.8	39.4	46.8	54.0	61.1	68.4	76.3	84.8
-80°	16.6	20.1	24.2	28.2	32.1	36.5	41.5	47.1	52.3	57.6	63.4
-82.5°	13.9	16.5	19.4	22.6	24.8	27.2	29.9	33.2	36.6	40.1	43.8
-85°	10.6	12.8	14.7	16.8	17.9	19.1	20.4	21.8	24.0	26.2	28.3
-87.5°	5.3	6.4	7.6	8.8	9.4	9.9	10.4	10.9	12.3	13.8	15.3
-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: P627798 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA6B-727-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°	0.3	0.0	0.0	0.0	0.1	0.9	1.3	1.1	0.5	0.0	0.0
62.5°	3.0	2.5	4.0	5.3	5.8	5.6	5.2	4.7	4.0	3.7	4.2
60°	12.3	12.1	16.9	19.2	17.5	12.3	19.4	22.8	22.0	18.8	18.7
57.5°	30.2	36.7	41.4	43.5	50.3	61.3	63.4	59.8	58.5	59.6	68.9
55°	52.3	57.6	60.3	69.6	77.9	83.9	87.5	91.0	96.3	102.7	109.4
52.5°	74.0	81.2	86.7	95.1	105.0	108.4	107.5	120.2	130.2	136.5	139.1
50°	101.6	110.6	123.4	136.4	142.1	147.7	153.6	164.0	179.3	198.2	209.1
47.5°	131.4	145.5	159.0	173.9	181.5	187.4	196.1	214.3	236.0	256.4	267.1
45°	158.2	170.8	186.2	199.1	208.4	219.8	232.4	248.8	273.1	294.5	309.2
42.5°	179.8	194.0	209.8	225.4	234.8	250.2	269.4	291.8	317.2	339.4	355.8
40°	210.0	222.0	247.1	262.0	265.7	280.0	318.5	349.1	377.8	405.1	418.7
37.5°	246.4	269.8	296.0	309.5	322.7	348.0	399.5	448.9	485.5	522.5	542.7
35°	287.8	318.6	354.2	370.2	398.6	453.7	514.2	582.9	668.4	704.3	736.9
32.5°	328.1	362.5	395.4	431.1	480.9	546.7	614.8	726.3	830.4	910.9	969.8
30°	363.8	400.3	441.1	487.2	557.2	647.9	761.7	905.9	1052.6	1180.6	1288.9
27.5°	399.1	440.7	489.2	557.8	656.3	779.5	961.3	1167.0	1411.8	1592.2	1807.6
25°	437.8	485.4	547.6	647.0	780.0	964.2	1254.8	1588.7	1990.2	2315.8	2656.4
22.5°	483.6	553.8	632.7	743.6	975.9	1279.4	1676.4	2247.2	2864.8	3435.8	3985.6
20°	538.9	634.9	761.6	965.6	1263.9	1712.7	2402.3	3313.4	4221.5	5188.8	6120.0
17.5°	617.8	756.3	953.0	1243.4	1636.6	2524.2	3643.2	5052.3	6862.6	8503.1	9935.4
15°	691.9	857.3	1167.9	1602.1	2287.8	3464.2	5163.8	7489.6	10310.9	12882.1	15597.9
12.5°	769.6	964.9	1321.7	1874.5	2827.2	4358.8	6747.4	9934.1	13466.8	17341.9	21756.0
10°	831.2	1068.3	1495.5	2196.4	3370.8	5278.1	8123.2	11987.9	16682.5	22417.4	29473.5
7.5°	872.8	1151.2	1639.0	2432.0	3871.3	6218.2	9643.1	14288.4	20157.4	27755.0	37628.4
5°	905.2	1214.5	1746.9	2646.9	4294.6	6935.8	10769.3	16303.0	23245.7	33425.2	50157.6
2.5°	931.3	1262.9	1813.7	2794.9	4560.3	7435.5	11524.8	17442.7	25084.0	37617.2	59325.4
0°	951.8	1306.7	1857.2	2886.1	4763.9	7485.4	11760.6	17651.2	25743.8	38373.8	61298.3
-2.5°	960.4	1330.1	1872.2	2906.1	4743.5	7571.2	11832.6	17817.8	25718.9	37959.3	59094.8
-5°	974.9	1329.8	1860.9	2885.7	4637.2	7349.5	11362.7	16885.6	24167.4	34694.6	52010.5
-7.5°	985.3	1308.6	1807.0	2755.0	4358.8	6869.9	10536.9	15340.9	21343.4	29336.4	40060.8
-10°	975.8	1267.9	1717.2	2535.6	3926.0	6100.7	9281.3	13301.8	18290.4	24213.9	31500.3
-12.5°	939.1	1192.7	1570.6	2228.4	3365.5	5239.1	8018.1	11441.2	15133.5	19293.6	24328.6
-15°	892.6	1111.8	1438.6	2017.6	2949.9	4385.1	6413.9	9190.9	12152.8	15311.4	18679.6
-17.5°	856.5	1040.6	1311.3	1730.4	2416.1	3557.3	5151.6	7124.4	9301.0	11705.8	13701.7
-20°	807.5	953.1	1180.3	1522.6	2045.7	2801.8	3963.0	5396.2	6832.5	8523.3	9902.1

Classified

Cooper Lighting Solutions Photometric Lab
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Scaled Data Report



REPORT NUMBER: P627798 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA6B-727-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°	758.5	885.3	1058.1	1308.7	1697.9	2269.1	2986.6	3943.5	4993.9	5964.4	6919.7
-25°	713.0	810.6	950.5	1156.0	1420.1	1809.9	2320.5	2869.5	3561.8	4152.6	4808.2
-27.5°	676.2	760.0	863.2	1013.9	1218.8	1469.5	1835.2	2203.0	2567.1	2865.2	3316.6
-30°	640.6	708.1	794.4	901.9	1055.5	1248.7	1486.0	1724.6	1934.8	2126.5	2361.5
-32.5°	605.7	660.7	726.8	816.0	926.2	1071.5	1217.3	1388.3	1534.4	1669.2	1793.9
-35°	570.7	619.6	670.0	745.2	833.1	936.2	1042.3	1158.2	1259.3	1350.1	1430.4
-37.5°	539.1	582.0	629.5	685.4	756.2	833.9	920.5	1004.7	1071.5	1130.4	1179.1
-40°	512.4	551.5	592.1	636.9	690.8	752.1	825.6	895.8	942.6	978.5	1008.0
-42.5°	488.6	523.0	557.5	595.6	637.0	690.0	748.1	806.0	837.7	865.6	886.9
-45°	469.5	495.8	524.9	557.4	594.1	638.5	684.2	724.2	752.4	776.3	794.1
-47.5°	444.2	469.6	494.8	521.6	555.8	592.8	630.6	661.4	686.0	706.8	720.4
-50°	416.4	443.1	466.2	489.7	521.2	552.6	582.9	608.4	631.9	652.4	663.1
-52.5°	387.6	416.3	440.5	463.5	489.8	517.2	544.6	566.4	586.9	606.2	614.4
-55°	366.8	393.3	418.3	439.9	461.6	483.5	505.9	528.5	548.8	567.1	572.6
-57.5°	344.4	371.3	396.1	415.5	435.1	454.9	475.3	495.7	515.4	532.9	537.3
-60°	317.0	346.3	368.2	386.6	405.6	425.2	443.0	461.1	479.4	494.7	499.7
-62.5°	282.2	308.8	330.6	349.9	368.3	385.3	402.7	419.6	436.1	448.2	452.1
-65°	240.6	263.2	285.6	305.8	324.0	340.4	356.4	371.9	386.8	397.5	402.8
-67.5°	207.7	224.0	242.0	259.4	277.6	294.5	309.0	322.6	335.4	344.4	350.0
-70°	176.0	191.5	208.4	225.0	240.8	254.5	266.0	277.3	288.2	296.1	302.1
-72.5°	145.7	158.9	172.9	187.5	202.1	214.4	225.0	235.0	244.4	251.2	256.8
-75°	118.4	129.2	141.0	152.9	164.6	174.4	183.3	191.9	200.2	206.3	211.4
-77.5°	93.9	103.1	112.3	121.6	130.9	138.0	144.5	150.8	157.0	161.8	166.1
-80°	69.5	76.7	84.1	91.6	99.0	104.4	109.3	113.9	118.3	121.1	123.6
-82.5°	47.5	52.5	57.7	63.0	68.2	72.2	76.1	79.9	83.7	85.0	86.0
-85°	30.4	32.9	35.6	38.4	41.4	43.6	45.7	47.7	49.6	51.4	53.1
-87.5°	16.9	17.4	17.8	18.3	18.7	20.2	21.7	23.3	24.8	25.1	25.3
-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: P627798 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA6B-727-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	0.5	1.1
62.5°	4.6	4.9	5.0	5.1	5.0	4.9	4.6	4.2	3.7	4.0	4.7
60°	17.6	15.6	15.3	15.4	15.3	15.6	17.6	18.7	18.8	22.0	22.8
57.5°	78.3	87.0	89.5	87.5	89.5	87.0	78.3	68.9	59.6	58.5	59.8
55°	113.9	116.6	117.9	118.3	117.9	116.6	113.9	109.4	102.7	96.3	91.0
52.5°	139.7	138.8	138.6	138.9	138.6	138.8	139.7	139.1	136.5	130.2	120.2
50°	209.9	206.1	204.6	205.8	204.6	206.1	209.9	209.1	198.2	179.3	164.0
47.5°	268.4	269.5	271.4	272.7	271.4	269.5	268.4	267.1	256.4	236.0	214.3
45°	313.4	316.1	318.0	319.0	318.0	316.1	313.4	309.2	294.5	273.1	248.8
42.5°	359.4	359.6	359.1	360.1	359.1	359.6	359.4	355.8	339.4	317.2	291.8
40°	424.2	425.6	424.2	421.9	424.2	425.6	424.2	418.7	405.1	377.8	349.1
37.5°	554.4	556.3	550.1	545.3	550.1	556.3	554.4	542.7	522.5	485.5	448.9
35°	766.7	788.7	799.2	802.6	799.2	788.7	766.7	736.9	704.3	668.4	582.9
32.5°	1010.5	1041.1	1056.4	1070.1	1056.4	1041.1	1010.5	969.8	910.9	830.4	726.3
30°	1359.9	1416.3	1441.2	1476.5	1441.2	1416.3	1359.9	1288.9	1180.6	1052.6	905.9
27.5°	1929.8	2029.1	2084.0	2135.0	2084.0	2029.1	1929.8	1807.6	1592.2	1411.8	1167.0
25°	2903.9	3095.0	3218.7	3277.1	3218.7	3095.0	2903.9	2656.4	2315.8	1990.2	1588.7
22.5°	4517.6	4869.9	5141.6	5196.1	5141.6	4869.9	4517.6	3985.6	3435.8	2864.8	2247.2
20°	7023.4	7527.4	7937.4	8144.0	7937.4	7527.4	7023.4	6120.0	5188.8	4221.5	3313.4
17.5°	11641.4	12689.9	13168.7	13247.4	13168.7	12689.9	11641.4	9935.4	8503.1	6862.6	5052.3
15°	18511.8	20285.9	21412.2	22137.4	21412.2	20285.9	18511.8	15597.9	12882.1	10310.9	7489.6
12.5°	26350.7	31391.9	34260.3	35353.9	34260.3	31391.9	26350.7	21756.0	17341.9	13466.8	9934.1
10°	36989.8	48857.4	55703.1	59147.9	55703.1	48857.4	36989.8	29473.5	22417.4	16682.5	11987.9
7.5°	55046.9	73376.5	93684.9	103080.5	93684.9	73376.5	55046.9	37628.4	27755.0	20157.4	14288.4
5°	74029.3	114273.6	149596.4	166511.2	149596.4	114273.6	74029.3	50157.6	33425.2	23245.7	16303.0
2.5°	95846.5	150119.8	200299.8	221399.4	200299.8	150119.8	95846.5	59325.4	37617.2	25084.0	17442.7
0°	104243.2	167463.0	222343.3	243053.1	222343.3	167463.0	104243.2	61298.3	38373.8	25743.8	17651.2
-2.5°	97144.6	152749.1	201161.9	224825.7	201161.9	152749.1	97144.6	59094.8	37959.3	25718.9	17817.8
-5°	77186.3	114903.5	150757.8	170040.5	150757.8	114903.5	77186.3	52010.5	34694.6	24167.4	16885.6
-7.5°	56650.0	77182.7	97094.9	104058.0	97094.9	77182.7	56650.0	40060.8	29336.4	21343.4	15340.9
-10°	39440.9	51198.6	58960.0	61174.8	58960.0	51198.6	39440.9	31500.3	24213.9	18290.4	13301.8
-12.5°	29241.4	34384.3	37962.5	38584.8	37962.5	34384.3	29241.4	24328.6	19293.6	15133.5	11441.2
-15°	21652.5	24267.8	26113.4	26237.6	26113.4	24267.8	21652.5	18679.6	15311.4	12152.8	9190.9
-17.5°	15828.1	17583.6	18515.0	18448.7	18515.0	17583.6	15828.1	13701.7	11705.8	9301.0	7124.4
-20°	11318.0	12376.2	13126.6	12979.9	13126.6	12376.2	11318.0	9902.1	8523.3	6832.5	5396.2



REPORT NUMBER: P627798 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA6B-727-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°	7891.7	8594.2	9033.9	8920.8	9033.9	8594.2	7891.7	6919.7	5964.4	4993.9	3943.5
-25°	5362.3	5745.0	5962.8	5926.6	5962.8	5745.0	5362.3	4808.2	4152.6	3561.8	2869.5
-27.5°	3654.1	3856.3	3923.7	3920.2	3923.7	3856.3	3654.1	3316.6	2865.2	2567.1	2203.0
-30°	2536.2	2672.1	2749.8	2700.9	2749.8	2672.1	2536.2	2361.5	2126.5	1934.8	1724.6
-32.5°	1890.3	1966.9	2011.2	1965.3	2011.2	1966.9	1890.3	1793.9	1669.2	1534.4	1388.3
-35°	1489.7	1528.5	1544.1	1517.7	1544.1	1528.5	1489.7	1430.4	1350.1	1259.3	1158.2
-37.5°	1214.6	1237.3	1245.0	1229.6	1245.0	1237.3	1214.6	1179.1	1130.4	1071.5	1004.7
-40°	1029.1	1043.1	1046.6	1034.1	1046.6	1043.1	1029.1	1008.0	978.5	942.6	895.8
-42.5°	900.4	908.8	910.7	905.5	910.7	908.8	900.4	886.9	865.6	837.7	806.0
-45°	804.8	811.9	813.2	807.7	813.2	811.9	804.8	794.1	776.3	752.4	724.2
-47.5°	727.3	731.7	732.8	730.5	732.8	731.7	727.3	720.4	706.8	686.0	661.4
-50°	667.9	670.9	671.2	668.8	671.2	670.9	667.9	663.1	652.4	631.9	608.4
-52.5°	618.2	620.4	621.8	622.5	621.8	620.4	618.2	614.4	606.2	586.9	566.4
-55°	576.4	579.1	580.8	581.3	580.8	579.1	576.4	572.6	567.1	548.8	528.5
-57.5°	540.8	543.3	544.8	545.3	544.8	543.3	540.8	537.3	532.9	515.4	495.7
-60°	503.7	506.7	508.7	509.3	508.7	506.7	503.7	499.7	494.7	479.4	461.1
-62.5°	454.8	456.1	457.4	457.9	457.4	456.1	454.8	452.1	448.2	436.1	419.6
-65°	406.7	409.5	411.1	411.6	411.1	409.5	406.7	402.8	397.5	386.8	371.9
-67.5°	354.6	358.2	362.0	365.3	362.0	358.2	354.6	350.0	344.4	335.4	322.6
-70°	307.4	312.0	313.5	313.8	313.5	312.0	307.4	302.1	296.1	288.2	277.3
-72.5°	261.7	266.0	269.6	272.7	269.6	266.0	261.7	256.8	251.2	244.4	235.0
-75°	215.9	219.9	220.9	221.2	220.9	219.9	215.9	211.4	206.3	200.2	191.9
-77.5°	170.2	173.9	174.7	174.9	174.7	173.9	170.2	166.1	161.8	157.0	150.8
-80°	125.9	127.9	131.0	133.8	131.0	127.9	125.9	123.6	121.1	118.3	113.9
-82.5°	86.7	87.1	87.4	87.5	87.4	87.1	86.7	86.0	85.0	83.7	79.9
-85°	54.8	56.4	56.5	56.6	56.5	56.4	54.8	53.1	51.4	49.6	47.7
-87.5°	25.5	25.6	25.7	25.7	25.7	25.6	25.5	25.3	25.1	24.8	23.3
-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: P627798 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA6B-727-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	0.3
65°	1.3	0.9	0.1	0.0	0.0	0.0	0.3	0.0	0.0	0.2	1.4
62.5°	5.2	5.6	5.8	5.3	4.0	2.5	3.0	3.6	2.5	0.5	1.7
60°	19.4	12.3	17.5	19.2	16.9	12.1	12.3	11.5	9.5	7.5	5.0
57.5°	63.4	61.3	50.3	43.5	41.4	36.7	30.2	24.0	21.2	17.1	12.1
55°	87.5	83.9	77.9	69.6	60.3	57.6	52.3	44.9	37.7	29.2	23.7
52.5°	107.5	108.4	105.0	95.1	86.7	81.2	74.0	66.9	58.2	49.9	38.9
50°	153.6	147.7	142.1	136.4	123.4	110.6	101.6	91.9	79.3	70.0	60.7
47.5°	196.1	187.4	181.5	173.9	159.0	145.5	131.4	117.6	102.0	87.4	78.3
45°	232.4	219.8	208.4	199.1	186.2	170.8	158.2	142.9	125.1	108.2	92.3
42.5°	269.4	250.2	234.8	225.4	209.8	194.0	179.8	168.0	148.7	128.9	112.9
40°	318.5	280.0	265.7	262.0	247.1	222.0	210.0	197.1	176.5	150.7	134.9
37.5°	399.5	348.0	322.7	309.5	296.0	269.8	246.4	229.5	211.1	181.9	159.4
35°	514.2	453.7	398.6	370.2	354.2	318.6	287.8	264.6	242.6	215.0	185.8
32.5°	614.8	546.7	480.9	431.1	395.4	362.5	328.1	299.4	270.5	242.3	213.6
30°	761.7	647.9	557.2	487.2	441.1	400.3	363.8	329.1	296.4	266.7	237.9
27.5°	961.3	779.5	656.3	557.8	489.2	440.7	399.1	358.5	321.3	289.3	259.7
25°	1254.8	964.2	780.0	647.0	547.6	485.4	437.8	391.0	347.4	311.0	285.9
22.5°	1676.4	1279.4	975.9	743.6	632.7	553.8	483.6	424.7	375.2	342.7	313.0
20°	2402.3	1712.7	1263.9	965.6	761.6	634.9	538.9	469.7	419.2	377.3	340.5
17.5°	3643.2	2524.2	1636.6	1243.4	953.0	756.3	617.8	525.9	462.4	412.1	368.1
15°	5163.8	3464.2	2287.8	1602.1	1167.9	857.3	691.9	581.7	506.6	448.6	396.0
12.5°	6747.4	4358.8	2827.2	1874.5	1321.7	964.9	769.6	645.3	550.8	475.0	414.3
10°	8123.2	5278.1	3370.8	2196.4	1495.5	1068.3	831.2	685.4	577.2	493.9	430.0
7.5°	9643.1	6218.2	3871.3	2432.0	1639.0	1151.2	872.8	712.3	599.0	509.8	442.8
5°	10769.3	6935.8	4294.6	2646.9	1746.9	1214.5	905.2	731.6	616.0	522.4	453.0
2.5°	11524.8	7435.5	4560.3	2794.9	1813.7	1262.9	931.3	749.7	629.3	535.2	464.3
0°	11760.6	7485.4	4763.9	2886.1	1857.2	1306.7	951.8	766.6	637.9	545.3	473.3
-2.5°	11832.6	7571.2	4743.5	2906.1	1872.2	1330.1	960.4	769.7	644.6	549.1	474.6
-5°	11362.7	7349.5	4637.2	2885.7	1860.9	1329.8	974.9	775.3	648.5	550.5	473.6
-7.5°	10536.9	6869.9	4358.8	2755.0	1807.0	1308.6	985.3	782.6	652.0	554.5	477.2
-10°	9281.3	6100.7	3926.0	2535.6	1717.2	1267.9	975.8	778.6	649.7	553.8	478.0
-12.5°	8018.1	5239.1	3365.5	2228.4	1570.6	1192.7	939.1	762.7	641.6	548.2	475.8
-15°	6413.9	4385.1	2949.9	2017.6	1438.6	1111.8	892.6	737.7	627.8	537.9	470.4
-17.5°	5151.6	3557.3	2416.1	1730.4	1311.3	1040.6	856.5	717.5	611.6	527.6	463.1
-20°	3963.0	2801.8	2045.7	1522.6	1180.3	953.1	807.5	687.6	593.0	516.9	456.2

Classified

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

Scaled Data Report



REPORT NUMBER: P627798 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA6B-727-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°	2986.6	2269.1	1697.9	1308.7	1058.1	885.3	758.5	654.4	570.4	501.5	447.1
-25°	2320.5	1809.9	1420.1	1156.0	950.5	810.6	713.0	628.1	552.4	486.3	436.3
-27.5°	1835.2	1469.5	1218.8	1013.9	863.2	760.0	676.2	600.8	533.1	474.8	425.3
-30°	1486.0	1248.7	1055.5	901.9	794.4	708.1	640.6	577.5	515.1	460.0	413.5
-32.5°	1217.3	1071.5	926.2	816.0	726.8	660.7	605.7	552.5	493.1	444.8	401.1
-35°	1042.3	936.2	833.1	745.2	670.0	619.6	570.7	520.9	472.5	427.7	387.0
-37.5°	920.5	833.9	756.2	685.4	629.5	582.0	539.1	495.1	451.2	410.1	372.4
-40°	825.6	752.1	690.8	636.9	592.1	551.5	512.4	471.8	432.8	391.5	356.7
-42.5°	748.1	690.0	637.0	595.6	557.5	523.0	488.6	453.2	414.9	375.8	339.1
-45°	684.2	638.5	594.1	557.4	524.9	495.8	469.5	434.2	396.6	357.6	320.4
-47.5°	630.6	592.8	555.8	521.6	494.8	469.6	444.2	413.0	373.6	336.8	305.1
-50°	582.9	552.6	521.2	489.7	466.2	443.1	416.4	383.8	349.8	319.5	289.6
-52.5°	544.6	517.2	489.8	463.5	440.5	416.3	387.6	359.4	330.4	302.0	274.5
-55°	505.9	483.5	461.6	439.9	418.3	393.3	366.8	338.8	310.4	283.8	255.7
-57.5°	475.3	454.9	435.1	415.5	396.1	371.3	344.4	317.0	287.7	260.8	234.4
-60°	443.0	425.2	405.6	386.6	368.2	346.3	317.0	288.8	261.7	236.3	210.8
-62.5°	402.7	385.3	368.3	349.9	330.6	308.8	282.2	256.3	232.9	210.7	187.8
-65°	356.4	340.4	324.0	305.8	285.6	263.2	240.6	221.5	203.5	184.6	164.4
-67.5°	309.0	294.5	277.6	259.4	242.0	224.0	207.7	191.4	174.5	157.2	139.1
-70°	266.0	254.5	240.8	225.0	208.4	191.5	176.0	160.9	145.2	130.7	116.8
-72.5°	225.0	214.4	202.1	187.5	172.9	158.9	145.7	133.4	121.2	109.2	96.8
-75°	183.3	174.4	164.6	152.9	141.0	129.2	118.4	108.3	98.0	87.5	77.0
-77.5°	144.5	138.0	130.9	121.6	112.3	103.1	93.9	84.8	76.3	68.4	61.1
-80°	109.3	104.4	99.0	91.6	84.1	76.7	69.5	63.4	57.6	52.3	47.1
-82.5°	76.1	72.2	68.2	63.0	57.7	52.5	47.5	43.8	40.1	36.6	33.2
-85°	45.7	43.6	41.4	38.4	35.6	32.9	30.4	28.3	26.2	24.0	21.8
-87.5°	21.7	20.2	18.7	18.3	17.8	17.4	16.9	15.3	13.8	12.3	10.9
-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: P627798 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA6B-727-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	0.2	0.4	0.1	0.0
72.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.5	1.1	1.1	0.3
70°	0.0	0.0	0.0	0.4	0.5	0.0	0.0	0.7	1.9	2.1	1.6
67.5°	0.0	0.0	0.0	1.1	1.7	1.5	0.3	0.9	2.1	3.3	2.9
65°	1.7	1.2	0.1	1.3	2.5	3.3	2.5	1.5	2.3	3.4	4.2
62.5°	3.0	3.9	2.9	2.1	2.8	4.0	4.7	3.2	2.6	3.6	4.8
60°	3.3	4.6	5.2	4.0	3.6	4.3	5.1	4.7	3.7	3.8	5.0
57.5°	9.0	5.8	5.8	5.5	4.6	4.7	5.1	5.1	4.5	4.3	5.1
55°	16.8	12.3	8.6	6.9	5.8	5.0	5.2	5.1	5.1	4.7	5.1
52.5°	29.2	21.2	15.5	10.5	7.8	5.8	5.8	5.1	5.1	5.0	5.1
50°	46.5	33.4	24.5	17.6	11.0	8.6	6.6	5.9	5.1	5.1	5.1
47.5°	68.0	50.0	35.8	25.8	18.1	11.7	9.1	7.1	5.1	5.1	5.1
45°	84.0	69.7	49.9	36.1	25.4	17.5	12.4	8.5	6.4	5.3	5.1
42.5°	99.6	86.8	67.9	46.2	35.0	24.2	15.8	11.4	7.8	5.6	5.3
40°	119.7	103.5	85.1	63.0	45.4	30.7	21.4	14.7	9.4	6.5	5.7
37.5°	140.3	122.3	102.1	79.2	57.3	40.7	27.1	18.1	11.9	8.3	6.2
35°	163.4	141.8	119.0	94.7	71.3	51.0	32.6	22.2	15.2	10.2	6.8
32.5°	186.8	160.5	134.7	109.7	84.4	61.6	40.4	27.5	18.3	12.2	7.6
30°	209.5	179.1	149.2	124.0	96.9	72.9	50.2	33.3	21.3	14.3	8.6
27.5°	230.2	197.3	163.2	136.8	109.5	83.4	60.0	39.5	24.3	16.6	10.2
25°	251.8	215.8	179.2	148.2	121.3	94.1	69.2	46.1	28.5	19.0	11.9
22.5°	276.3	234.4	194.6	158.4	133.7	104.4	77.9	54.0	33.7	21.4	13.5
20°	302.6	252.9	210.1	173.0	145.3	115.1	86.5	61.3	39.0	23.6	15.2
17.5°	329.6	273.2	228.9	189.7	156.8	125.1	94.8	67.9	44.2	25.7	16.8
15°	347.8	293.4	245.8	205.3	168.3	134.4	102.6	73.9	49.4	27.6	18.4
12.5°	363.1	310.9	260.6	219.7	179.6	142.8	109.9	79.3	54.5	30.2	20.0
10°	376.7	325.6	273.6	232.9	190.6	150.4	116.6	84.1	59.2	33.5	21.4
7.5°	388.3	337.7	284.7	244.8	201.0	158.1	122.1	88.2	63.3	36.9	22.7
5°	398.1	348.2	294.0	252.6	210.7	166.2	126.8	91.9	66.7	40.2	23.8
2.5°	405.9	357.8	302.0	258.2	219.2	173.6	130.7	95.1	69.6	43.3	24.8
0°	411.6	365.3	308.7	262.4	226.4	180.1	133.8	97.7	72.0	46.3	25.7
-2.5°	415.3	366.5	315.8	267.2	230.7	185.5	140.0	101.0	73.9	48.9	27.3
-5°	416.9	366.4	321.1	271.0	233.8	189.7	145.3	103.8	75.4	51.2	28.7
-7.5°	419.2	368.1	324.0	273.9	235.9	193.0	149.3	105.8	76.5	53.0	29.9
-10°	420.1	369.8	324.6	277.5	237.6	195.4	151.9	107.1	77.4	54.4	31.0
-12.5°	418.9	369.6	324.5	279.5	238.4	196.8	153.3	109.1	78.1	55.2	32.0
-15°	415.6	367.4	323.7	279.7	238.3	197.4	153.7	111.0	79.7	55.4	32.8
-17.5°	410.4	363.2	322.5	278.0	237.3	197.1	153.2	111.8	80.5	55.0	33.6
-20°	405.3	359.3	320.8	274.3	235.5	196.0	151.9	111.6	80.5	54.2	34.2

Classified

Cooper Lighting Solutions Photometric Lab
1121 Highway 74 South
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Scaled Data Report



REPORT NUMBER: P627798 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA6B-727-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°	398.7	355.6	315.1	270.6	233.0	194.2	149.8	110.4	79.6	53.0	34.7
-25°	390.2	350.1	308.6	267.7	229.7	190.6	147.3	107.9	77.7	51.4	34.8
-27.5°	381.8	342.5	301.7	263.7	225.2	186.1	144.0	105.6	75.1	49.3	34.7
-30°	372.0	334.0	295.7	258.2	219.0	179.8	139.2	102.1	72.3	48.2	34.3
-32.5°	361.2	325.5	288.9	249.9	211.1	172.9	133.2	97.3	69.1	47.7	33.9
-35°	350.4	316.0	280.8	239.6	202.7	165.3	127.2	91.1	65.4	46.7	33.5
-37.5°	337.7	304.3	267.5	228.5	193.6	157.2	121.4	87.6	61.3	45.3	32.8
-40°	323.2	289.8	252.3	218.1	184.2	148.6	115.3	84.3	58.7	43.6	32.1
-42.5°	307.0	273.7	240.1	207.5	174.2	141.3	108.9	80.3	57.5	42.2	31.1
-45°	290.3	259.0	228.7	196.6	164.2	133.7	103.5	75.9	55.8	41.0	30.2
-47.5°	274.7	246.6	216.3	184.8	155.4	125.8	97.3	73.0	53.3	39.6	29.2
-50°	261.5	233.0	202.7	172.8	145.2	117.8	90.8	69.2	51.3	38.1	27.9
-52.5°	246.4	217.6	187.9	159.6	134.2	108.9	85.3	64.7	48.5	36.2	26.4
-55°	228.3	199.7	171.3	146.5	122.8	100.4	78.8	60.0	44.9	34.0	24.6
-57.5°	207.2	179.4	156.2	133.6	111.3	91.0	71.6	54.4	41.6	31.6	22.7
-60°	185.5	163.0	141.7	119.7	99.2	80.8	63.4	48.7	38.3	28.9	20.5
-62.5°	166.2	145.7	124.7	104.6	86.7	70.1	55.0	44.4	34.6	25.9	18.1
-65°	144.6	125.1	106.4	89.9	74.0	60.0	49.4	39.6	30.7	22.6	15.9
-67.5°	121.3	105.8	90.0	75.0	63.3	52.9	43.4	34.5	26.5	19.2	14.6
-70°	102.5	88.0	75.1	64.4	54.7	45.5	37.0	29.1	22.0	17.2	13.2
-72.5°	84.6	73.4	63.2	54.1	45.6	37.7	30.3	23.9	19.1	15.0	11.6
-75°	67.4	59.3	51.3	43.4	36.2	29.7	24.8	20.1	16.1	12.8	10.2
-77.5°	54.0	46.8	39.4	33.8	29.4	24.9	20.4	16.1	13.4	11.1	8.7
-80°	41.5	36.5	32.1	28.2	24.2	20.1	16.6	13.6	11.5	9.4	7.3
-82.5°	29.9	27.2	24.8	22.6	19.4	16.5	13.9	11.6	9.7	7.7	5.7
-85°	20.4	19.1	17.9	16.8	14.7	12.8	10.6	8.7	6.9	5.2	3.8
-87.5°	10.4	9.9	9.4	8.8	7.6	6.4	5.3	4.3	3.4	2.6	1.9
-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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REPORT NUMBER: P627798 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA6B-727-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	0.1	0.0
85°	0.0	0.0	0.0	0.0	0.0	0.2	0.0
82.5°	0.0	0.0	0.0	0.0	0.0	0.3	0.0
80°	0.0	0.0	0.0	0.0	0.0	0.4	0.0
77.5°	0.0	0.1	0.0	0.0	0.1	0.6	0.0
75°	0.1	0.4	0.1	0.0	0.1	0.7	0.0
72.5°	0.3	0.8	0.5	0.0	0.1	0.8	0.0
70°	0.6	1.2	1.0	0.1	0.2	0.9	0.0
67.5°	1.8	1.6	1.5	0.6	0.3	1.0	0.0
65°	2.9	2.2	2.1	1.1	0.4	1.2	0.0
62.5°	4.0	2.9	2.6	1.6	0.5	1.3	0.0
60°	5.0	3.6	3.2	2.2	0.7	1.4	0.0
57.5°	5.1	4.2	3.6	2.7	1.1	1.6	0.0
55°	5.1	4.7	3.9	3.2	1.5	1.7	0.0
52.5°	5.1	5.1	4.2	3.8	1.9	1.9	0.0
50°	5.1	5.1	4.5	4.4	2.3	2.0	0.0
47.5°	5.1	5.1	4.7	4.8	2.7	2.2	0.0
45°	5.1	5.1	4.9	5.0	3.0	2.3	0.0
42.5°	5.1	5.1	5.0	5.1	3.3	2.5	0.0
40°	5.1	5.1	5.1	5.1	3.6	2.7	0.0
37.5°	5.1	5.1	5.1	5.1	3.8	2.8	0.0
35°	5.1	5.1	5.1	5.1	4.0	3.0	0.0
32.5°	5.3	5.1	5.1	5.1	4.2	3.1	0.0
30°	5.8	5.1	5.1	5.1	4.4	3.3	0.0
27.5°	6.4	5.1	5.1	5.1	4.6	3.5	0.0
25°	7.0	5.1	5.1	5.1	4.7	3.6	0.0
22.5°	7.6	5.2	5.1	5.1	4.8	3.8	0.0
20°	8.3	5.6	5.1	5.1	4.9	4.0	0.0
17.5°	9.2	6.0	5.1	5.1	5.0	4.1	0.0
15°	10.3	6.6	5.1	5.1	5.0	4.3	0.0
12.5°	11.3	7.2	5.1	5.1	5.0	4.4	0.0
10°	12.2	7.8	5.1	5.1	5.1	4.6	0.0
7.5°	13.1	8.4	5.1	5.1	5.1	4.7	0.0
5°	13.9	9.1	5.1	5.1	5.1	4.9	0.0
2.5°	14.7	9.7	5.1	5.1	5.1	5.0	0.0
0°	15.4	10.3	5.1	5.1	5.1	5.1	0.0
-2.5°	16.7	10.8	5.6	5.1	5.1	5.1	0.0
-5°	18.0	11.3	6.0	5.1	5.1	5.1	0.0
-7.5°	19.1	11.8	6.4	5.1	5.1	5.1	0.0
-10°	20.2	12.2	6.8	5.1	5.1	5.0	0.0
-12.5°	21.0	12.5	7.2	5.1	5.1	5.0	0.0
-15°	21.6	12.8	7.4	5.1	5.1	4.9	0.0
-17.5°	22.1	13.0	7.7	5.1	5.1	4.9	0.0
-20°	22.4	13.2	7.8	5.1	5.1	4.8	0.0

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CATALOG NUMBER: GFLD-SA6B-727-U-NR-VSR-XX

CANDELA DISTRIBUTION (continued):

	75°	77.5°	80°	82.5°	85°	87.5°	90°
-22.5°	22.7	13.3	7.9	5.1	5.1	4.7	0.0
-25°	22.8	13.6	7.9	5.1	5.1	4.6	0.0
-27.5°	22.8	14.0	7.7	5.1	5.1	4.5	0.0
-30°	22.7	14.2	7.5	5.1	5.1	4.4	0.0
-32.5°	22.4	14.3	7.5	5.1	5.1	4.3	0.0
-35°	22.4	14.3	7.4	5.1	5.1	4.2	0.0
-37.5°	22.3	14.1	7.2	5.1	5.1	4.0	0.0
-40°	22.0	13.9	7.0	5.1	5.1	3.9	0.0
-42.5°	21.5	13.4	6.9	5.2	5.1	3.8	0.0
-45°	20.9	12.9	7.1	5.3	5.1	3.6	0.0
-47.5°	20.0	12.2	7.2	5.4	5.1	3.4	0.0
-50°	19.0	11.4	7.3	5.5	5.1	3.3	0.0
-52.5°	17.8	10.4	7.3	5.5	5.1	3.1	0.0
-55°	16.4	10.2	7.2	5.5	5.1	2.9	0.0
-57.5°	14.9	9.9	7.1	5.5	5.1	2.7	0.0
-60°	13.3	9.6	7.0	5.5	5.1	2.5	0.0
-62.5°	12.6	9.2	6.8	5.4	4.7	2.4	0.0
-65°	11.9	8.7	6.5	5.3	4.3	2.2	0.0
-67.5°	11.0	8.2	6.3	5.2	3.9	2.0	0.0
-70°	10.0	7.6	5.9	5.1	3.5	1.7	0.0
-72.5°	8.9	6.9	5.6	4.6	3.1	1.5	0.0
-75°	7.8	6.1	5.2	3.9	2.6	1.3	0.0
-77.5°	6.5	5.4	4.4	3.3	2.2	1.1	0.0
-80°	5.3	4.4	3.5	2.6	1.8	0.9	0.0
-82.5°	3.9	3.3	2.6	2.0	1.3	0.7	0.0
-85°	2.6	2.2	1.8	1.3	0.9	0.4	0.0
-87.5°	1.3	1.1	0.9	0.7	0.4	0.2	0.0
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0

(END OF REPORT)