

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: P627088 (CONVERTED FROM TYPE C PHOTOMETRY)

Luminaire Tested: **GFLD-SA3B-730-U-NR-VSR-XX**

Issue Date: 12/7/2022

Test Information

Test Method: LM-79-08
Report Number: P627088 (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-SA3B-730-U-NR-VSR-XX
Description: GALLEON FLOOD, THREE LIGHT SQAURE, NARROW SYMMETRICAL ROUND N3 WITH VISOR
Light Source: (48) 3000K CCT, 70 CRI LEDS
Ballast/Driver: -

Summary

Lumens per Lamp: N/A
Luminaire Lumens: 12441.8 lumens
Efficiency: N/A
Efficacy: 132.8 lumens/watt
Luminous Opening: Rectangular (W 1.5' x L: 0.5' x H: 0')

NEMA Type: 3H x 3V
Max Intensity: 126118 candela
Max Intensity Angle: 0°H x 0°V

Beam Angle (50%): 13.6°H x 13.6°V
Beam Lumens: 3972 lumens
Beam Efficiency: 31.9%

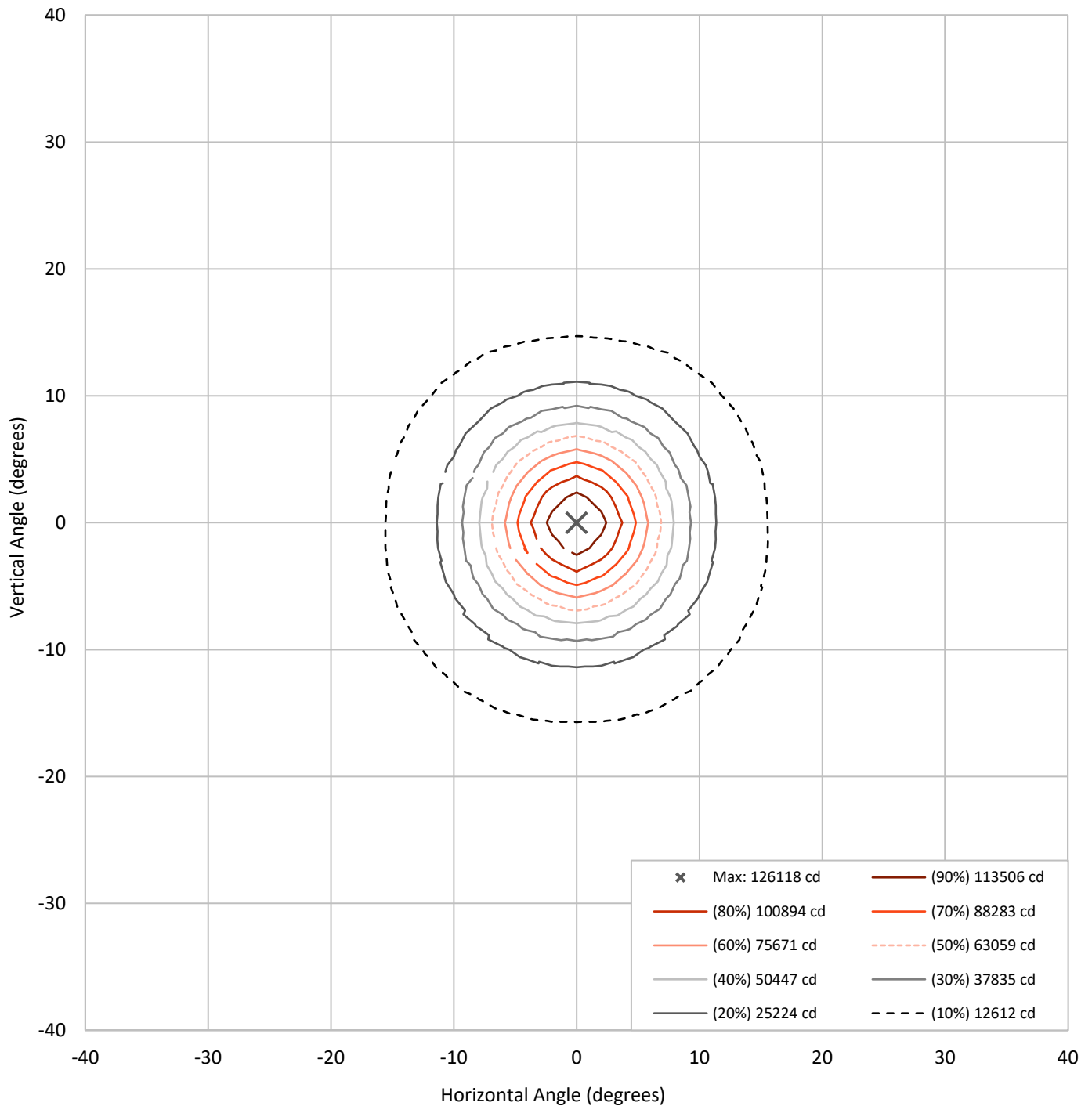
Field Angle (10%): 30.9°H x 30.2°V
Field Lumens: 8846.9 lumens
Field Efficiency: 71.1%

Input Watts (W): 93.7
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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CATALOG NUMBER: GFLD-SA3B-730-U-NR-VSR-XX

Iso-Candela Plot





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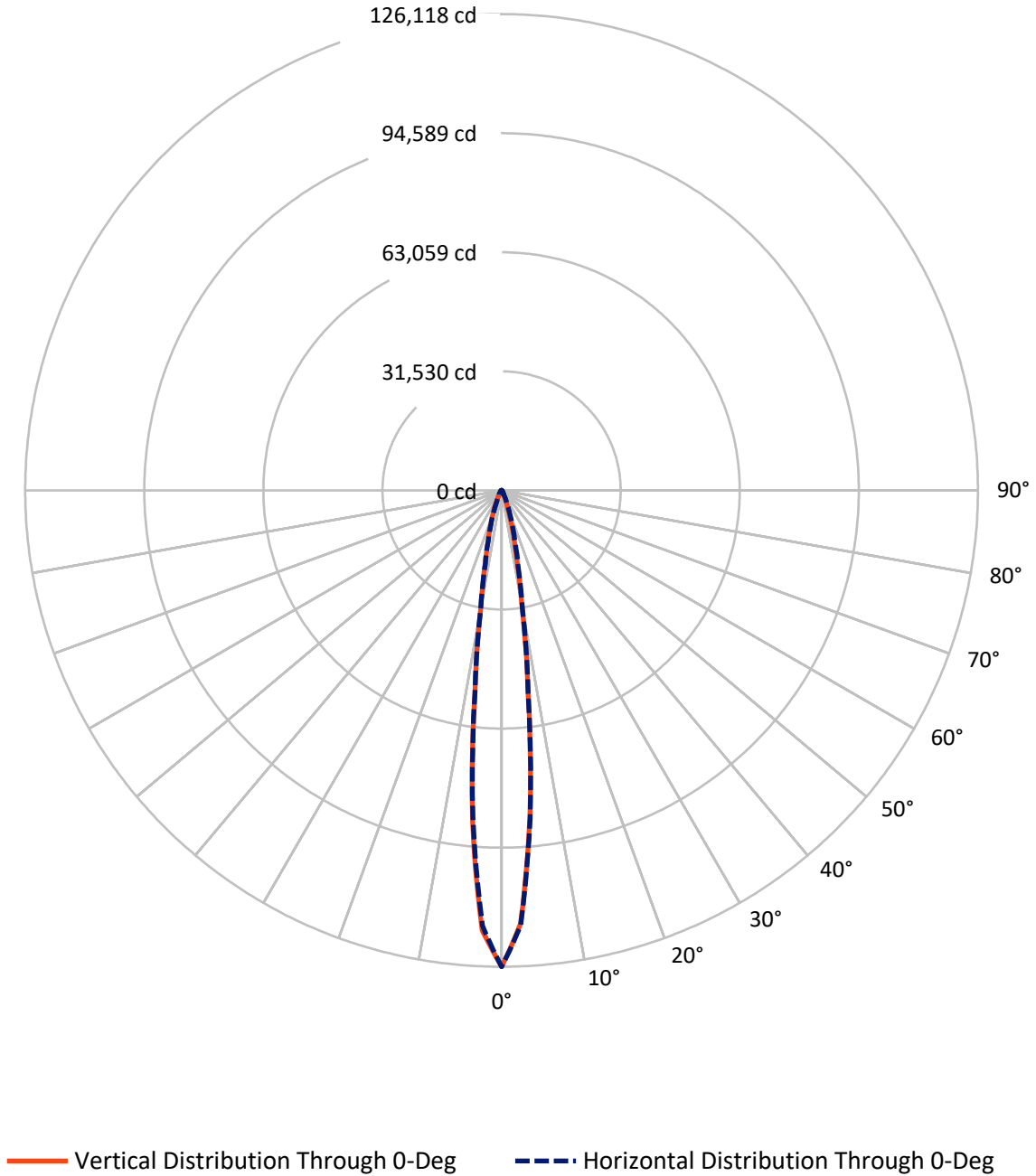
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Lumen Table

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	0.0	0.0	0.0	0.0	0.0	0.1	0.1	0.1	0.1	0.1	0.1	0.0	0.0	0.0	0.0				
50		0.0	0.1	0.3	0.7	1.1	1.5	1.8	1.8	1.5	1.1	0.7	0.3	0.1	0.0				
40	0.1	0.1	0.4	1.1	2.0	3.0	4.2	5.0	5.0	4.2	3.0	2.0	1.1	0.4	0.1				
30		0.2	0.9	2.1	3.8	6.0	10.1	12.9	12.9	10.1	6.0	3.8	2.1	0.9	0.2				
20	0.1	0.4	1.4	3.2	5.8	12.7	33.8	56.0	56.0	33.8	12.7	5.8	3.2	1.4	0.4				
10		0.5	1.9	4.4	9.6	37.8	159.5	350.6	350.6	159.5	37.8	9.6	4.4	1.9	0.5				
0	0.2	0.7	2.3	5.2	13.1	71.0	382.2	1713.9	1713.9	382.2	71.0	13.1	5.2	2.3	0.7				
-10		0.8	2.5	5.5	14.0	75.7	395.6	1743.0	1743.0	395.6	75.7	14.0	5.5	2.5	0.8				
-20	0.2	0.8	2.6	5.4	12.3	48.1	192.0	410.7	410.7	192.0	48.1	12.3	5.4	2.6	0.8				
-30		0.8	2.5	5.0	9.5	22.5	59.2	98.6	98.6	59.2	22.5	9.5	5.0	2.5	0.8				
-40	0.2	0.7	2.2	4.4	7.4	12.4	20.1	25.6	25.6	20.1	12.4	7.4	4.4	2.2	0.7				
-50		0.6	1.8	3.6	6.0	8.6	11.6	12.9	12.9	11.6	8.6	6.0	3.6	1.8	0.6				
-60	0.1	0.4	1.4	2.8	4.7	6.6	8.4	9.2	9.2	8.4	6.6	4.7	2.8	1.4	0.4				
-70		0.3	0.8	1.8	3.2	4.6	5.8	6.4	6.4	5.8	4.6	3.2	1.8	0.8	0.3				
-80	0.1	0.8	3.1	6.9	8.7	6.9	3.1	0.8	0.1										
-90																			
	-90	-80	-70	-60	-50	-40	-30	-20	-10	0	10	20	30	40	50	60	70	80	90

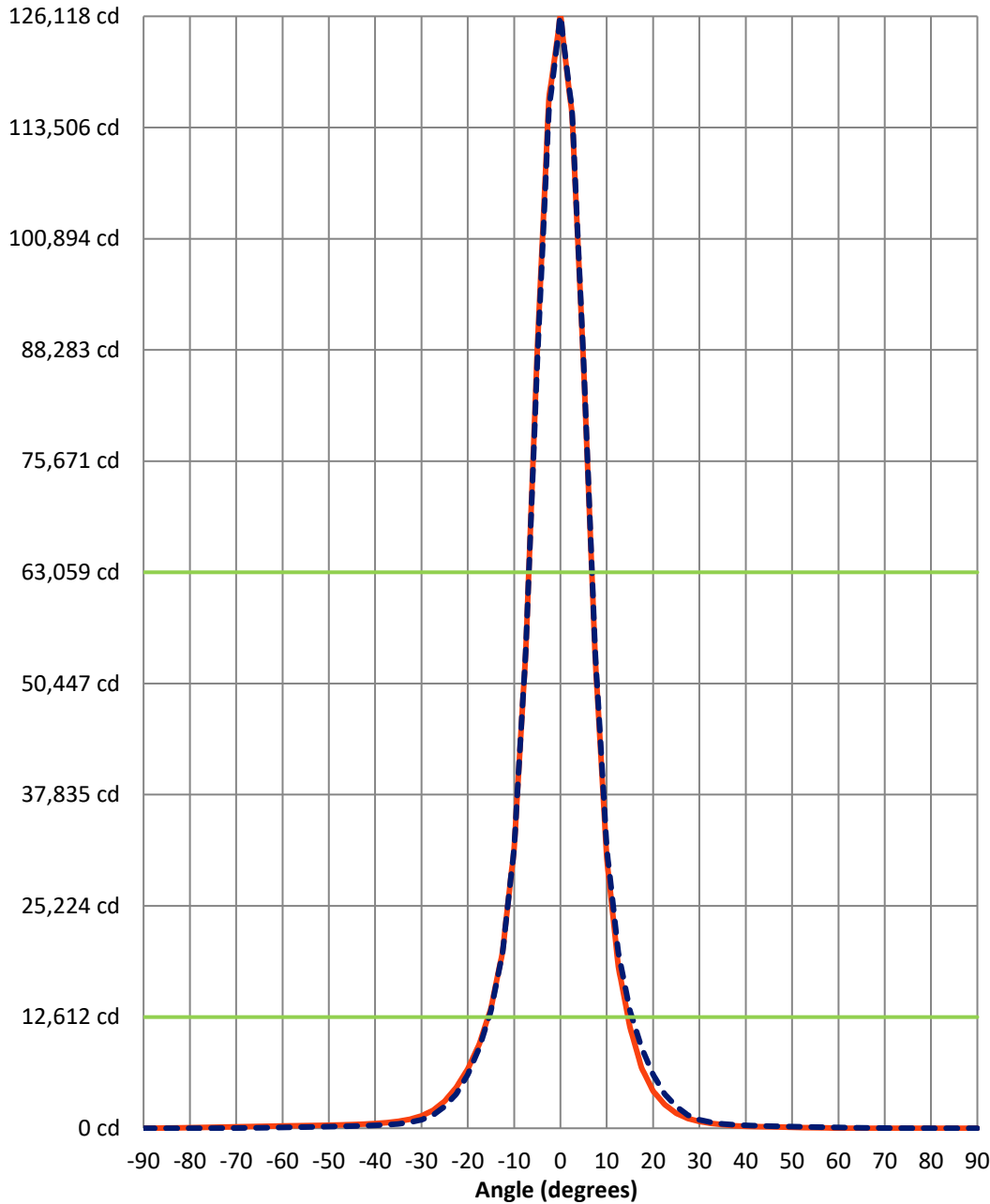
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Luminous Intensity Polar Plot



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Luminous Intensity Plot



Beam:
H Angle: 13.6°
V Angle: 13.6°
Lumens: 3972
Efficiency: 31.9%

Field:
H Angle: 30.9°
V Angle: 30.2°
Lumens: 8846.9
Efficiency: 71.1%

Spill:
Lumens: 3594.9
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	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
82.5°	0.0	0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
80°	0.0	0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
77.5°	0.0	0.3	0.0	0.0	0.0	0.1	0.0	0.0	0.0	0.0	0.0
75°	0.0	0.4	0.0	0.0	0.0	0.2	0.1	0.0	0.0	0.2	0.1
72.5°	0.0	0.4	0.1	0.0	0.3	0.4	0.1	0.2	0.6	0.6	0.3
70°	0.0	0.5	0.1	0.1	0.5	0.6	0.3	0.8	1.1	1.0	0.4
67.5°	0.0	0.6	0.2	0.3	0.8	0.8	1.0	1.5	1.7	1.1	0.5
65°	0.0	0.6	0.2	0.6	1.1	1.2	1.6	2.2	1.8	1.2	0.8
62.5°	0.0	0.7	0.3	0.9	1.4	1.5	2.1	2.5	1.9	1.4	1.7
60°	0.0	0.8	0.4	1.1	1.7	1.9	2.6	2.6	2.0	1.9	2.5
57.5°	0.0	0.8	0.6	1.4	1.9	2.2	2.7	2.7	2.3	2.4	2.7
55°	0.0	0.9	0.8	1.7	2.1	2.5	2.7	2.7	2.5	2.7	2.7
52.5°	0.0	1.0	1.0	2.0	2.2	2.7	2.7	2.7	2.6	2.7	2.7
50°	0.0	1.1	1.2	2.3	2.4	2.7	2.7	2.7	2.7	2.7	3.1
47.5°	0.0	1.2	1.4	2.6	2.5	2.7	2.7	2.7	2.7	2.7	3.7
45°	0.0	1.2	1.6	2.6	2.6	2.7	2.7	2.7	2.8	3.3	4.4
42.5°	0.0	1.3	1.7	2.7	2.7	2.7	2.7	2.8	3.0	4.1	5.9
40°	0.0	1.4	1.9	2.7	2.7	2.7	2.7	3.0	3.4	4.9	7.6
37.5°	0.0	1.5	2.0	2.7	2.7	2.7	2.7	3.3	4.3	6.1	9.4
35°	0.0	1.6	2.1	2.7	2.7	2.7	2.7	3.6	5.3	7.8	11.5
32.5°	0.0	1.7	2.2	2.7	2.7	2.7	2.8	3.9	6.3	9.5	14.3
30°	0.0	1.8	2.3	2.7	2.7	2.7	3.0	4.4	7.4	11.1	17.3
27.5°	0.0	1.8	2.4	2.7	2.7	2.7	3.3	5.3	8.6	12.6	20.5
25°	0.0	1.9	2.5	2.7	2.7	2.7	3.6	6.2	9.9	14.8	23.9
22.5°	0.0	2.0	2.5	2.7	2.7	2.7	4.0	7.0	11.1	17.5	28.0
20°	0.0	2.1	2.6	2.7	2.7	2.9	4.3	7.9	12.2	20.2	31.8
17.5°	0.0	2.2	2.6	2.7	2.7	3.2	4.8	8.7	13.3	22.9	35.2
15°	0.0	2.3	2.7	2.7	2.7	3.4	5.3	9.5	14.3	25.6	38.3
12.5°	0.0	2.4	2.7	2.7	2.7	3.7	5.8	10.3	15.6	28.3	41.1
10°	0.0	2.4	2.7	2.7	2.7	4.0	6.3	11.1	17.4	30.7	43.6
7.5°	0.0	2.5	2.7	2.7	2.7	4.4	6.8	11.7	19.1	32.8	45.8
5°	0.0	2.6	2.7	2.7	2.7	4.7	7.2	12.3	20.8	34.6	47.7
2.5°	0.0	2.6	2.7	2.7	2.7	5.0	7.6	12.9	22.5	36.2	49.3
0°	0.0	2.7	2.7	2.7	2.7	5.3	8.0	13.3	24.0	37.4	50.7
-2.5°	0.0	2.7	2.7	2.7	2.9	5.6	8.7	14.1	25.4	38.4	52.4
-5°	0.0	2.7	2.7	2.7	3.2	5.8	9.3	14.9	26.5	39.1	53.8
-7.5°	0.0	2.7	2.7	2.7	3.4	6.1	9.9	15.5	27.5	39.7	54.9
-10°	0.0	2.7	2.7	2.7	3.6	6.3	10.4	16.1	28.2	40.2	55.5
-12.5°	0.0	2.6	2.7	2.7	3.7	6.5	10.9	16.6	28.6	40.5	56.6
-15°	0.0	2.6	2.7	2.7	3.9	6.6	11.2	17.0	28.7	41.4	57.6
-17.5°	0.0	2.6	2.7	2.7	4.0	6.7	11.4	17.4	28.5	41.8	58.0
-20°	0.0	2.5	2.7	2.7	4.1	6.8	11.6	17.8	28.1	41.8	57.9

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CATALOG NUMBER: GFLD-SA3B-730-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	2.5	2.7	2.7	4.1	6.9	11.7	18.0	27.5	41.3	57.3
-25°	0.0	2.4	2.7	2.7	4.1	7.0	11.8	18.1	26.7	40.3	56.0
-27.5°	0.0	2.4	2.7	2.7	4.0	7.2	11.8	18.0	25.6	39.0	54.8
-30°	0.0	2.3	2.7	2.7	3.9	7.3	11.8	17.8	25.0	37.5	53.0
-32.5°	0.0	2.3	2.7	2.7	3.9	7.4	11.6	17.6	24.7	35.9	50.5
-35°	0.0	2.2	2.7	2.7	3.9	7.4	11.6	17.3	24.2	33.9	47.3
-37.5°	0.0	2.1	2.7	2.7	3.8	7.3	11.6	17.0	23.5	31.8	45.4
-40°	0.0	2.1	2.7	2.7	3.7	7.2	11.4	16.6	22.6	30.4	43.8
-42.5°	0.0	2.0	2.7	2.7	3.6	7.0	11.2	16.2	21.9	29.8	41.7
-45°	0.0	1.9	2.7	2.8	3.7	6.7	10.8	15.7	21.3	28.9	39.4
-47.5°	0.0	1.8	2.7	2.8	3.8	6.3	10.4	15.1	20.6	27.7	37.9
-50°	0.0	1.7	2.7	2.9	3.8	5.9	9.8	14.5	19.8	26.6	35.9
-52.5°	0.0	1.6	2.7	2.9	3.8	5.4	9.2	13.7	18.8	25.2	33.6
-55°	0.0	1.5	2.7	2.9	3.8	5.3	8.5	12.7	17.7	23.3	31.1
-57.5°	0.0	1.5	2.7	2.9	3.7	5.2	7.7	11.7	16.4	21.6	28.2
-60°	0.0	1.3	2.7	2.9	3.7	5.0	6.9	10.6	15.0	19.9	25.3
-62.5°	0.0	1.2	2.5	2.9	3.5	4.8	6.6	9.4	13.4	18.0	23.0
-65°	0.0	1.1	2.3	2.8	3.4	4.5	6.1	8.3	11.7	15.9	20.6
-67.5°	0.0	1.0	2.1	2.8	3.3	4.2	5.7	7.6	10.0	13.7	17.9
-70°	0.0	0.9	1.8	2.7	3.1	3.9	5.2	6.8	8.9	11.4	15.1
-72.5°	0.0	0.8	1.6	2.4	2.9	3.6	4.6	6.0	7.8	9.9	12.4
-75°	0.0	0.7	1.4	2.1	2.7	3.2	4.0	5.3	6.6	8.4	10.4
-77.5°	0.0	0.6	1.2	1.7	2.3	2.8	3.4	4.5	5.7	6.9	8.4
-80°	0.0	0.5	0.9	1.4	1.9	2.3	2.8	3.8	4.9	6.0	7.1
-82.5°	0.0	0.4	0.7	1.1	1.4	1.7	2.1	3.0	4.0	5.0	6.0
-85°	0.0	0.2	0.5	0.7	0.9	1.2	1.4	2.0	2.7	3.5	4.5
-87.5°	0.0	0.1	0.2	0.4	0.5	0.6	0.7	1.0	1.4	1.8	2.2
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



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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	0.3	0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0
67.5°	0.2	0.8	0.9	0.6	0.0	0.0	0.0	0.2	0.0	0.0	0.0
65°	1.3	1.8	1.3	0.7	0.0	0.6	0.9	0.7	0.1	0.0	0.0
62.5°	2.5	2.1	1.5	1.1	1.5	2.0	1.6	0.9	0.3	1.3	1.9
60°	2.7	2.3	1.9	2.1	2.7	2.4	1.8	2.6	3.9	4.9	5.9
57.5°	2.7	2.5	2.4	2.9	3.0	3.1	4.7	6.2	8.8	11.0	12.4
55°	2.8	2.7	3.0	3.6	4.5	6.4	8.7	12.3	15.1	19.5	23.3
52.5°	3.1	3.0	4.1	5.5	8.1	11.0	15.2	20.2	25.9	30.2	34.7
50°	3.5	4.5	5.7	9.1	12.7	17.4	24.2	31.5	36.4	41.2	47.7
47.5°	4.7	6.0	9.3	13.4	18.6	25.9	35.3	40.6	45.4	53.0	61.1
45°	6.4	9.1	13.2	18.7	25.9	36.2	43.6	48.0	56.2	64.9	74.2
42.5°	8.2	12.5	18.1	24.0	35.2	45.0	51.7	58.6	66.9	77.2	87.2
40°	11.1	15.9	23.5	32.7	44.1	53.7	62.1	70.0	78.2	91.6	102.2
37.5°	14.1	21.1	29.7	41.1	53.0	63.5	72.8	82.7	94.4	109.5	119.1
35°	16.9	26.5	37.0	49.1	61.7	73.6	84.8	96.4	111.5	125.8	137.3
32.5°	21.0	32.0	43.8	56.9	69.9	83.3	96.9	110.8	125.7	140.3	155.4
30°	26.1	37.8	50.3	64.3	77.4	92.9	108.7	123.4	138.4	153.8	170.8
27.5°	31.2	43.3	56.8	71.0	84.7	102.3	119.4	134.8	150.1	166.7	186.1
25°	35.9	48.8	62.9	76.9	93.0	111.9	130.6	148.4	161.4	180.3	202.9
22.5°	40.4	54.2	69.4	82.2	101.0	121.6	143.3	162.4	177.8	194.7	220.3
20°	44.9	59.8	75.4	89.8	109.0	131.2	157.0	176.6	195.8	217.5	243.7
17.5°	49.2	64.9	81.4	98.4	118.7	141.7	170.9	191.0	213.9	239.9	272.9
15°	53.2	69.7	87.3	106.5	127.5	152.2	180.4	205.4	232.8	262.9	301.9
12.5°	57.0	74.1	93.2	114.0	135.2	161.3	188.4	215.0	246.5	285.8	334.9
10°	60.5	78.1	98.9	120.8	142.0	168.9	195.4	223.1	256.3	299.5	355.7
7.5°	63.4	82.1	104.3	127.0	147.8	175.2	201.5	229.8	264.6	310.9	369.6
5°	65.8	86.2	109.4	131.0	152.6	180.7	206.6	235.1	271.1	319.7	379.7
2.5°	67.8	90.1	113.8	133.9	156.7	185.6	210.6	240.9	277.7	326.6	389.0
0°	69.4	93.4	117.5	136.1	160.2	189.5	213.6	245.6	283.0	331.0	397.8
-2.5°	72.7	96.2	119.7	138.6	163.8	190.2	215.5	246.3	285.0	334.5	399.4
-5°	75.4	98.4	121.3	140.6	166.6	190.1	216.3	245.7	285.6	336.5	402.3
-7.5°	77.5	100.2	122.4	142.2	168.1	191.0	217.5	247.6	287.7	338.3	406.1
-10°	78.8	101.4	123.3	144.0	168.4	191.9	218.0	248.0	287.4	337.1	404.0
-12.5°	79.5	102.2	123.7	145.1	168.4	191.8	217.4	246.9	284.4	332.9	395.8
-15°	79.8	102.4	123.7	145.2	168.0	190.7	215.7	244.1	279.1	325.8	382.8
-17.5°	79.5	102.3	123.2	144.3	167.4	188.5	213.0	240.3	273.8	317.3	372.3
-20°	78.8	101.7	122.2	142.4	166.5	186.5	210.3	236.7	268.2	307.7	356.8

Classified

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

Scaled Data Report



REPORT NUMBER: P627088 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA3B-730-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°	77.7	100.8	120.9	140.5	163.5	184.6	206.9	232.0	260.2	295.9	339.6
-25°	76.4	98.9	119.2	138.9	160.2	181.7	202.5	226.4	252.3	286.6	325.9
-27.5°	74.7	96.6	116.9	136.9	156.6	177.8	198.1	220.7	246.3	276.6	311.7
-30°	72.3	93.3	113.6	134.0	153.5	173.4	193.0	214.5	238.7	267.2	299.6
-32.5°	69.1	89.7	109.6	129.7	149.9	168.9	187.5	208.1	230.8	255.8	286.6
-35°	66.0	85.8	105.2	124.4	145.7	164.0	181.8	200.8	221.9	245.2	270.3
-37.5°	63.0	81.6	100.5	118.6	138.8	157.9	175.3	193.3	212.7	234.1	256.9
-40°	59.8	77.1	95.6	113.2	130.9	150.4	167.7	185.1	203.1	224.5	244.8
-42.5°	56.5	73.3	90.4	107.7	124.6	142.0	159.3	176.0	195.0	215.3	235.2
-45°	53.7	69.4	85.2	102.0	118.7	134.4	150.6	166.2	185.6	205.8	225.3
-47.5°	50.5	65.3	80.7	95.9	112.2	128.0	142.5	158.3	174.8	193.9	214.3
-50°	47.2	61.2	75.3	89.7	105.2	120.9	135.7	150.2	165.8	181.5	199.1
-52.5°	44.3	56.6	69.7	82.8	97.5	112.9	127.8	142.4	156.7	171.4	186.5
-55°	40.9	52.2	63.7	76.1	88.9	103.6	118.4	132.7	147.2	161.0	175.8
-57.5°	37.2	47.2	57.8	69.3	81.1	93.2	107.5	121.6	135.3	149.3	164.5
-60°	32.9	41.9	51.5	62.1	73.5	84.6	96.3	109.4	122.6	135.9	149.9
-62.5°	28.6	36.4	45.0	54.3	64.7	75.6	86.2	97.4	109.3	120.8	133.0
-65°	25.6	31.1	38.4	46.6	55.3	65.0	75.0	85.3	95.8	105.6	115.0
-67.5°	22.5	27.5	32.8	38.9	46.7	54.9	63.0	72.2	81.6	90.6	99.3
-70°	19.2	23.6	28.4	33.4	38.9	45.6	53.2	60.6	67.8	75.4	83.5
-72.5°	15.7	19.5	23.7	28.1	32.8	38.1	43.9	50.2	56.6	62.9	69.2
-75°	12.9	15.4	18.8	22.5	26.6	30.8	35.0	40.0	45.4	50.9	56.2
-77.5°	10.6	12.9	15.3	17.6	20.5	24.3	28.0	31.7	35.5	39.6	44.1
-80°	8.6	10.4	12.5	14.6	16.6	18.9	21.6	24.5	27.1	29.9	32.9
-82.5°	7.2	8.6	10.1	11.7	12.9	14.1	15.5	17.2	19.0	20.8	22.7
-85°	5.5	6.6	7.6	8.7	9.3	9.9	10.6	11.3	12.4	13.6	14.7
-87.5°	2.8	3.3	3.9	4.6	4.9	5.1	5.4	5.7	6.4	7.2	7.9
-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: P627088 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA3B-730-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°	0.1	0.0	0.0	0.0	0.0	0.5	0.7	0.6	0.3	0.0	0.0
62.5°	1.6	1.3	2.1	2.8	3.1	3.0	2.7	2.4	2.1	1.9	2.2
60°	6.4	6.2	8.7	10.0	9.1	6.3	10.0	11.8	11.4	9.8	9.7
57.5°	15.7	19.1	21.5	22.5	26.1	31.8	32.9	31.0	30.3	30.9	35.7
55°	27.2	29.9	31.3	36.1	40.4	43.6	45.4	47.2	50.0	53.3	56.8
52.5°	38.4	42.1	45.0	49.4	54.5	56.3	55.8	62.4	67.6	70.8	72.2
50°	52.7	57.4	64.0	70.8	73.8	76.7	79.7	85.1	93.0	102.9	108.5
47.5°	68.2	75.5	82.5	90.2	94.2	97.2	101.8	111.2	122.5	133.1	138.6
45°	82.1	88.6	96.6	103.3	108.1	114.0	120.6	129.1	141.7	152.8	160.4
42.5°	93.2	100.6	108.8	116.9	121.9	129.8	139.8	151.4	164.6	176.1	184.6
40°	108.9	115.2	128.2	136.0	137.9	145.3	165.3	181.1	196.0	210.2	217.2
37.5°	127.8	140.0	153.6	160.6	167.5	180.6	207.3	232.9	251.9	271.1	281.6
35°	149.4	165.4	183.8	192.1	206.9	235.4	266.8	302.5	346.8	365.4	382.4
32.5°	170.3	188.1	205.2	223.7	249.5	283.7	319.1	376.9	430.8	472.7	503.2
30°	188.8	207.7	228.9	252.8	289.1	336.2	395.3	470.1	546.2	612.6	668.8
27.5°	207.1	228.6	253.8	289.4	340.5	404.5	498.8	605.5	732.6	826.2	937.9
25°	227.1	251.8	284.1	335.7	404.7	500.3	651.1	824.4	1032.7	1201.6	1378.4
22.5°	250.9	287.4	328.3	385.8	506.4	663.9	869.9	1166.1	1486.5	1782.8	2068.1
20°	279.6	329.4	395.2	501.0	655.8	888.7	1246.5	1719.3	2190.5	2692.4	3175.6
17.5°	320.6	392.4	494.5	645.2	849.2	1309.8	1890.4	2621.6	3561.0	4412.2	5155.4
15°	359.0	444.9	606.0	831.3	1187.1	1797.6	2679.5	3886.3	5350.2	6684.4	8093.6
12.5°	399.4	500.7	685.8	972.7	1467.1	2261.8	3501.2	5154.7	6987.8	8998.6	11289.0
10°	431.3	554.4	776.0	1139.7	1749.1	2738.8	4215.1	6220.4	8656.3	11632.2	15293.5
7.5°	452.9	597.4	850.4	1261.9	2008.8	3226.5	5003.7	7414.1	10459.4	14401.8	19525.0
5°	469.7	630.2	906.4	1373.4	2228.4	3598.9	5588.1	8459.4	12061.9	17344.0	26026.4
2.5°	483.3	655.3	941.1	1450.2	2366.3	3858.3	5980.1	9050.8	13015.9	19519.2	30783.4
0°	493.9	678.1	963.7	1497.6	2472.0	3884.1	6102.5	9159.1	13358.2	19911.8	31807.1
-2.5°	498.3	690.2	971.4	1508.0	2461.4	3928.7	6139.8	9245.5	13345.3	19696.7	30663.8
-5°	505.8	690.0	965.6	1497.4	2406.2	3813.6	5896.0	8761.8	12540.2	18002.7	26987.8
-7.5°	511.2	679.0	937.6	1429.5	2261.8	3564.8	5467.5	7960.3	11074.9	15222.4	20787.2
-10°	506.3	657.9	891.1	1315.7	2037.2	3165.6	4816.0	6902.2	9490.7	12564.4	16345.2
-12.5°	487.3	618.9	815.0	1156.3	1746.3	2718.5	4160.5	5936.7	7852.7	10011.3	12623.9
-15°	463.2	576.8	746.5	1046.9	1530.7	2275.3	3328.1	4769.1	6306.0	7945.0	9692.7
-17.5°	444.4	539.9	680.4	897.9	1253.7	1845.8	2673.1	3696.8	4826.2	6074.0	7109.7
-20°	419.0	494.5	612.4	790.0	1061.5	1453.8	2056.4	2800.0	3545.3	4422.7	5138.1

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Scaled Data Report



REPORT NUMBER: P627088 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA3B-730-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°	393.6	459.4	549.1	679.1	881.0	1177.4	1549.7	2046.3	2591.3	3094.9	3590.5
-25°	370.0	420.6	493.2	599.8	736.8	939.1	1204.1	1489.0	1848.2	2154.7	2494.9
-27.5°	350.9	394.4	447.9	526.1	632.4	762.5	952.2	1143.2	1332.1	1486.7	1720.9
-30°	332.4	367.4	412.2	468.0	547.7	647.9	771.1	894.9	1003.9	1103.4	1225.3
-32.5°	314.3	342.8	377.1	423.4	480.6	556.0	631.7	720.4	796.1	866.1	930.8
-35°	296.1	321.5	347.7	386.7	432.3	485.8	540.8	601.0	653.4	700.5	742.2
-37.5°	279.7	302.0	326.7	355.7	392.4	432.7	477.7	521.3	556.0	586.6	611.9
-40°	265.9	286.2	307.2	330.5	358.5	390.3	428.4	464.8	489.1	507.8	523.1
-42.5°	253.5	271.4	289.3	309.1	330.6	358.1	388.2	418.3	434.7	449.1	460.2
-45°	243.6	257.3	272.4	289.2	308.3	331.3	355.0	375.8	390.4	402.8	412.1
-47.5°	230.5	243.7	256.8	270.7	288.4	307.6	327.2	343.1	355.9	366.8	373.8
-50°	216.0	229.9	241.9	254.1	270.4	286.7	302.5	315.7	327.9	338.5	344.1
-52.5°	201.1	216.0	228.5	240.5	254.2	268.4	282.6	293.9	304.6	314.6	318.8
-55°	190.3	204.1	217.0	228.3	239.5	250.9	262.5	274.2	284.8	294.3	297.2
-57.5°	178.7	192.7	205.5	215.6	225.8	236.1	246.7	257.3	267.4	276.6	278.9
-60°	164.5	179.7	191.1	200.6	210.5	220.6	229.9	239.3	248.8	256.7	259.3
-62.5°	146.5	160.3	171.5	181.5	191.1	199.9	208.9	217.8	226.3	232.6	234.6
-65°	124.9	136.6	148.2	158.7	168.1	176.6	184.9	193.0	200.7	206.3	209.0
-67.5°	107.8	116.2	125.6	134.6	144.1	152.8	160.3	167.4	174.0	178.7	181.6
-70°	91.4	99.4	108.1	116.7	125.0	132.1	138.1	143.9	149.5	153.7	156.8
-72.5°	75.6	82.5	89.7	97.3	104.8	111.3	116.8	121.9	126.8	130.4	133.3
-75°	61.4	67.0	73.2	79.3	85.4	90.5	95.1	99.6	103.9	107.0	109.7
-77.5°	48.8	53.5	58.3	63.1	67.9	71.6	75.0	78.3	81.5	84.0	86.2
-80°	36.1	39.8	43.6	47.5	51.3	54.1	56.7	59.1	61.4	62.9	64.1
-82.5°	24.7	27.3	29.9	32.6	35.3	37.4	39.5	41.5	43.4	44.1	44.6
-85°	15.8	17.1	18.5	19.9	21.5	22.6	23.7	24.8	25.8	26.7	27.6
-87.5°	8.8	9.0	9.3	9.5	9.7	10.5	11.3	12.1	12.8	13.0	13.1
-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: P627088 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA3B-730-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	0.3	0.6
62.5°	2.4	2.6	2.7	2.7	2.7	2.6	2.4	2.2	1.9	2.1	2.4
60°	9.1	8.1	7.9	8.0	7.9	8.1	9.1	9.7	9.8	11.4	11.8
57.5°	40.6	45.2	46.5	45.4	46.5	45.2	40.6	35.7	30.9	30.3	31.0
55°	59.1	60.5	61.2	61.4	61.2	60.5	59.1	56.8	53.3	50.0	47.2
52.5°	72.5	72.0	71.9	72.1	71.9	72.0	72.5	72.2	70.8	67.6	62.4
50°	108.9	106.9	106.2	106.8	106.2	106.9	108.9	108.5	102.9	93.0	85.1
47.5°	139.2	139.9	140.8	141.5	140.8	139.9	139.2	138.6	133.1	122.5	111.2
45°	162.6	164.0	165.0	165.5	165.0	164.0	162.6	160.4	152.8	141.7	129.1
42.5°	186.5	186.7	186.4	186.9	186.4	186.7	186.5	184.6	176.1	164.6	151.4
40°	220.1	220.8	220.1	218.9	220.1	220.8	220.1	217.2	210.2	196.0	181.1
37.5°	287.7	288.6	285.5	283.0	285.5	288.6	287.7	281.6	271.1	251.9	232.9
35°	397.8	409.2	414.7	416.4	414.7	409.2	397.8	382.4	365.4	346.8	302.5
32.5°	524.3	540.2	548.2	555.3	548.2	540.2	524.3	503.2	472.7	430.8	376.9
30°	705.6	734.9	747.9	766.1	747.9	734.9	705.6	668.8	612.6	546.2	470.1
27.5°	1001.4	1052.9	1081.4	1107.8	1081.4	1052.9	1001.4	937.9	826.2	732.6	605.5
25°	1506.8	1606.0	1670.1	1700.5	1670.1	1606.0	1506.8	1378.4	1201.6	1032.7	824.4
22.5°	2344.1	2526.9	2668.0	2696.2	2668.0	2526.9	2344.1	2068.1	1782.8	1486.5	1166.1
20°	3644.4	3905.9	4118.6	4225.8	4118.6	3905.9	3644.4	3175.6	2692.4	2190.5	1719.3
17.5°	6040.7	6584.7	6833.2	6874.0	6833.2	6584.7	6040.7	5155.4	4412.2	3561.0	2621.6
15°	9605.6	10526.2	11110.6	11486.9	11110.6	10526.2	9605.6	8093.6	6684.4	5350.2	3886.3
12.5°	13673.1	16288.9	17777.3	18344.8	17777.3	16288.9	13673.1	11289.0	8998.6	6987.8	5154.7
10°	19193.6	25351.6	28903.8	30691.3	28903.8	25351.6	19193.6	15293.5	11632.2	8656.3	6220.4
7.5°	28563.3	38074.4	48612.3	53487.5	48612.3	38074.4	28563.3	19525.0	14401.8	10459.4	7414.1
5°	38413.1	59295.5	77624.2	86401.1	77624.2	59295.5	38413.1	26026.4	17344.0	12061.9	8459.4
2.5°	49733.9	77895.7	103933.7	114882.1	103933.7	77895.7	49733.9	30783.4	19519.2	13015.9	9050.8
0°	54090.8	86895.0	115371.9	126118.0	115371.9	86895.0	54090.8	31807.1	19911.8	13358.2	9159.1
-2.5°	50407.4	79260.1	104381.0	116659.9	104381.0	79260.1	50407.4	30663.8	19696.7	13345.3	9245.5
-5°	40051.2	59622.3	78226.8	88232.4	78226.8	59622.3	40051.2	26987.8	18002.7	12540.2	8761.8
-7.5°	29395.2	40049.4	50381.6	53994.7	50381.6	40049.4	29395.2	20787.2	15222.4	11074.9	7960.3
-10°	20465.5	26566.5	30593.8	31743.1	30593.8	26566.5	20465.5	16345.2	12564.4	9490.7	6902.2
-12.5°	15173.1	17841.7	19698.4	20021.3	19698.4	17841.7	15173.1	12623.9	10011.3	7852.7	5936.7
-15°	11235.3	12592.4	13550.0	13614.5	13550.0	12592.4	11235.3	9692.7	7945.0	6306.0	4769.1
-17.5°	8213.1	9124.0	9607.3	9572.8	9607.3	9124.0	8213.1	7109.7	6074.0	4826.2	3696.8
-20°	5872.8	6421.9	6811.3	6735.2	6811.3	6421.9	5872.8	5138.1	4422.7	3545.3	2800.0

Classified

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

Scaled Data Report



REPORT NUMBER: P627088 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA3B-730-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°	4094.9	4459.4	4687.6	4628.9	4687.6	4459.4	4094.9	3590.5	3094.9	2591.3	2046.3
-25°	2782.4	2981.0	3094.0	3075.3	3094.0	2981.0	2782.4	2494.9	2154.7	1848.2	1489.0
-27.5°	1896.1	2001.0	2036.0	2034.2	2036.0	2001.0	1896.1	1720.9	1486.7	1332.1	1143.2
-30°	1316.0	1386.5	1426.8	1401.5	1426.8	1386.5	1316.0	1225.3	1103.4	1003.9	894.9
-32.5°	980.9	1020.7	1043.7	1019.8	1043.7	1020.7	980.9	930.8	866.1	796.1	720.4
-35°	773.0	793.1	801.3	787.5	801.3	793.1	773.0	742.2	700.5	653.4	601.0
-37.5°	630.3	642.0	646.0	638.0	646.0	642.0	630.3	611.9	586.6	556.0	521.3
-40°	534.0	541.2	543.0	536.6	543.0	541.2	534.0	523.1	507.8	489.1	464.8
-42.5°	467.3	471.6	472.6	469.8	472.6	471.6	467.3	460.2	449.1	434.7	418.3
-45°	417.6	421.3	422.0	419.1	422.0	421.3	417.6	412.1	402.8	390.4	375.8
-47.5°	377.4	379.6	380.2	379.1	380.2	379.6	377.4	373.8	366.8	355.9	343.1
-50°	346.6	348.2	348.3	347.0	348.3	348.2	346.6	344.1	338.5	327.9	315.7
-52.5°	320.8	321.9	322.6	323.0	322.6	321.9	320.8	318.8	314.6	304.6	293.9
-55°	299.1	300.6	301.4	301.7	301.4	300.6	299.1	297.2	294.3	284.8	274.2
-57.5°	280.7	282.0	282.7	283.0	282.7	282.0	280.7	278.9	276.6	267.4	257.3
-60°	261.4	263.0	264.0	264.3	264.0	263.0	261.4	259.3	256.7	248.8	239.3
-62.5°	236.0	236.7	237.3	237.6	237.3	236.7	236.0	234.6	232.6	226.3	217.8
-65°	211.1	212.5	213.3	213.6	213.3	212.5	211.1	209.0	206.3	200.7	193.0
-67.5°	184.0	185.9	187.9	189.5	187.9	185.9	184.0	181.6	178.7	174.0	167.4
-70°	159.5	161.9	162.6	162.8	162.6	161.9	159.5	156.8	153.7	149.5	143.9
-72.5°	135.8	138.0	139.9	141.5	139.9	138.0	135.8	133.3	130.4	126.8	121.9
-75°	112.0	114.1	114.7	114.8	114.7	114.1	112.0	109.7	107.0	103.9	99.6
-77.5°	88.3	90.3	90.7	90.8	90.7	90.3	88.3	86.2	84.0	81.5	78.3
-80°	65.3	66.4	67.9	69.4	67.9	66.4	65.3	64.1	62.9	61.4	59.1
-82.5°	45.0	45.2	45.4	45.4	45.4	45.2	45.0	44.6	44.1	43.4	41.5
-85°	28.5	29.3	29.4	29.4	29.4	29.3	28.5	27.6	26.7	25.8	24.8
-87.5°	13.2	13.2	13.3	13.3	13.3	13.2	13.2	13.1	13.0	12.8	12.1
-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: P627088 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA3B-730-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	0.2
65°	0.7	0.5	0.0	0.0	0.0	0.0	0.1	0.0	0.0	0.1	0.7
62.5°	2.7	3.0	3.1	2.8	2.1	1.3	1.6	1.9	1.3	0.3	0.9
60°	10.0	6.3	9.1	10.0	8.7	6.2	6.4	5.9	4.9	3.9	2.6
57.5°	32.9	31.8	26.1	22.5	21.5	19.1	15.7	12.4	11.0	8.8	6.2
55°	45.4	43.6	40.4	36.1	31.3	29.9	27.2	23.3	19.5	15.1	12.3
52.5°	55.8	56.3	54.5	49.4	45.0	42.1	38.4	34.7	30.2	25.9	20.2
50°	79.7	76.7	73.8	70.8	64.0	57.4	52.7	47.7	41.2	36.4	31.5
47.5°	101.8	97.2	94.2	90.2	82.5	75.5	68.2	61.1	53.0	45.4	40.6
45°	120.6	114.0	108.1	103.3	96.6	88.6	82.1	74.2	64.9	56.2	48.0
42.5°	139.8	129.8	121.9	116.9	108.8	100.6	93.2	87.2	77.2	66.9	58.6
40°	165.3	145.3	137.9	136.0	128.2	115.2	108.9	102.2	91.6	78.2	70.0
37.5°	207.3	180.6	167.5	160.6	153.6	140.0	127.8	119.1	109.5	94.4	82.7
35°	266.8	235.4	206.9	192.1	183.8	165.4	149.4	137.3	125.8	111.5	96.4
32.5°	319.1	283.7	249.5	223.7	205.2	188.1	170.3	155.4	140.3	125.7	110.8
30°	395.3	336.2	289.1	252.8	228.9	207.7	188.8	170.8	153.8	138.4	123.4
27.5°	498.8	404.5	340.5	289.4	253.8	228.6	207.1	186.1	166.7	150.1	134.8
25°	651.1	500.3	404.7	335.7	284.1	251.8	227.1	202.9	180.3	161.4	148.4
22.5°	869.9	663.9	506.4	385.8	328.3	287.4	250.9	220.3	194.7	177.8	162.4
20°	1246.5	888.7	655.8	501.0	395.2	329.4	279.6	243.7	217.5	195.8	176.6
17.5°	1890.4	1309.8	849.2	645.2	494.5	392.4	320.6	272.9	239.9	213.9	191.0
15°	2679.5	1797.6	1187.1	831.3	606.0	444.9	359.0	301.9	262.9	232.8	205.4
12.5°	3501.2	2261.8	1467.1	972.7	685.8	500.7	399.4	334.9	285.8	246.5	215.0
10°	4215.1	2738.8	1749.1	1139.7	776.0	554.4	431.3	355.7	299.5	256.3	223.1
7.5°	5003.7	3226.5	2008.8	1261.9	850.4	597.4	452.9	369.6	310.9	264.6	229.8
5°	5588.1	3598.9	2228.4	1373.4	906.4	630.2	469.7	379.7	319.7	271.1	235.1
2.5°	5980.1	3858.3	2366.3	1450.2	941.1	655.3	483.3	389.0	326.6	277.7	240.9
0°	6102.5	3884.1	2472.0	1497.6	963.7	678.1	493.9	397.8	331.0	283.0	245.6
-2.5°	6139.8	3928.7	2461.4	1508.0	971.4	690.2	498.3	399.4	334.5	285.0	246.3
-5°	5896.0	3813.6	2406.2	1497.4	965.6	690.0	505.8	402.3	336.5	285.6	245.7
-7.5°	5467.5	3564.8	2261.8	1429.5	937.6	679.0	511.2	406.1	338.3	287.7	247.6
-10°	4816.0	3165.6	2037.2	1315.7	891.1	657.9	506.3	404.0	337.1	287.4	248.0
-12.5°	4160.5	2718.5	1746.3	1156.3	815.0	618.9	487.3	395.8	332.9	284.4	246.9
-15°	3328.1	2275.3	1530.7	1046.9	746.5	576.8	463.2	382.8	325.8	279.1	244.1
-17.5°	2673.1	1845.8	1253.7	897.9	680.4	539.9	444.4	372.3	317.3	273.8	240.3
-20°	2056.4	1453.8	1061.5	790.0	612.4	494.5	419.0	356.8	307.7	268.2	236.7

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Cooper Lighting Solutions Photometric Lab
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Scaled Data Report



REPORT NUMBER: P627088 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA3B-730-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°	1549.7	1177.4	881.0	679.1	549.1	459.4	393.6	339.6	295.9	260.2	232.0
-25°	1204.1	939.1	736.8	599.8	493.2	420.6	370.0	325.9	286.6	252.3	226.4
-27.5°	952.2	762.5	632.4	526.1	447.9	394.4	350.9	311.7	276.6	246.3	220.7
-30°	771.1	647.9	547.7	468.0	412.2	367.4	332.4	299.6	267.2	238.7	214.5
-32.5°	631.7	556.0	480.6	423.4	377.1	342.8	314.3	286.6	255.8	230.8	208.1
-35°	540.8	485.8	432.3	386.7	347.7	321.5	296.1	270.3	245.2	221.9	200.8
-37.5°	477.7	432.7	392.4	355.7	326.7	302.0	279.7	256.9	234.1	212.7	193.3
-40°	428.4	390.3	358.5	330.5	307.2	286.2	265.9	244.8	224.5	203.1	185.1
-42.5°	388.2	358.1	330.6	309.1	289.3	271.4	253.5	235.2	215.3	195.0	176.0
-45°	355.0	331.3	308.3	289.2	272.4	257.3	243.6	225.3	205.8	185.6	166.2
-47.5°	327.2	307.6	288.4	270.7	256.8	243.7	230.5	214.3	193.9	174.8	158.3
-50°	302.5	286.7	270.4	254.1	241.9	229.9	216.0	199.1	181.5	165.8	150.2
-52.5°	282.6	268.4	254.2	240.5	228.5	216.0	201.1	186.5	171.4	156.7	142.4
-55°	262.5	250.9	239.5	228.3	217.0	204.1	190.3	175.8	161.0	147.2	132.7
-57.5°	246.7	236.1	225.8	215.6	205.5	192.7	178.7	164.5	149.3	135.3	121.6
-60°	229.9	220.6	210.5	200.6	191.1	179.7	164.5	149.9	135.9	122.6	109.4
-62.5°	208.9	199.9	191.1	181.5	171.5	160.3	146.5	133.0	120.8	109.3	97.4
-65°	184.9	176.6	168.1	158.7	148.2	136.6	124.9	115.0	105.6	95.8	85.3
-67.5°	160.3	152.8	144.1	134.6	125.6	116.2	107.8	99.3	90.6	81.6	72.2
-70°	138.1	132.1	125.0	116.7	108.1	99.4	91.4	83.5	75.4	67.8	60.6
-72.5°	116.8	111.3	104.8	97.3	89.7	82.5	75.6	69.2	62.9	56.6	50.2
-75°	95.1	90.5	85.4	79.3	73.2	67.0	61.4	56.2	50.9	45.4	40.0
-77.5°	75.0	71.6	67.9	63.1	58.3	53.5	48.8	44.1	39.6	35.5	31.7
-80°	56.7	54.1	51.3	47.5	43.6	39.8	36.1	32.9	29.9	27.1	24.5
-82.5°	39.5	37.4	35.3	32.6	29.9	27.3	24.7	22.7	20.8	19.0	17.2
-85°	23.7	22.6	21.5	19.9	18.5	17.1	15.8	14.7	13.6	12.4	11.3
-87.5°	11.3	10.5	9.7	9.5	9.3	9.0	8.8	7.9	7.2	6.4	5.7
-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: P627088 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA3B-730-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	0.1	0.2	0.0	0.0
72.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.3	0.6	0.6	0.2
70°	0.0	0.0	0.0	0.2	0.3	0.0	0.0	0.4	1.0	1.1	0.8
67.5°	0.0	0.0	0.0	0.6	0.9	0.8	0.2	0.5	1.1	1.7	1.5
65°	0.9	0.6	0.0	0.7	1.3	1.8	1.3	0.8	1.2	1.8	2.2
62.5°	1.6	2.0	1.5	1.1	1.5	2.1	2.5	1.7	1.4	1.9	2.5
60°	1.8	2.4	2.7	2.1	1.9	2.3	2.7	2.5	1.9	2.0	2.6
57.5°	4.7	3.1	3.0	2.9	2.4	2.5	2.7	2.7	2.4	2.3	2.7
55°	8.7	6.4	4.5	3.6	3.0	2.7	2.8	2.7	2.7	2.5	2.7
52.5°	15.2	11.0	8.1	5.5	4.1	3.0	3.1	2.7	2.7	2.6	2.7
50°	24.2	17.4	12.7	9.1	5.7	4.5	3.5	3.1	2.7	2.7	2.7
47.5°	35.3	25.9	18.6	13.4	9.3	6.0	4.7	3.7	2.7	2.7	2.7
45°	43.6	36.2	25.9	18.7	13.2	9.1	6.4	4.4	3.3	2.8	2.7
42.5°	51.7	45.0	35.2	24.0	18.1	12.5	8.2	5.9	4.1	3.0	2.8
40°	62.1	53.7	44.1	32.7	23.5	15.9	11.1	7.6	4.9	3.4	3.0
37.5°	72.8	63.5	53.0	41.1	29.7	21.1	14.1	9.4	6.1	4.3	3.3
35°	84.8	73.6	61.7	49.1	37.0	26.5	16.9	11.5	7.8	5.3	3.6
32.5°	96.9	83.3	69.9	56.9	43.8	32.0	21.0	14.3	9.5	6.3	3.9
30°	108.7	92.9	77.4	64.3	50.3	37.8	26.1	17.3	11.1	7.4	4.4
27.5°	119.4	102.3	84.7	71.0	56.8	43.3	31.2	20.5	12.6	8.6	5.3
25°	130.6	111.9	93.0	76.9	62.9	48.8	35.9	23.9	14.8	9.9	6.2
22.5°	143.3	121.6	101.0	82.2	69.4	54.2	40.4	28.0	17.5	11.1	7.0
20°	157.0	131.2	109.0	89.8	75.4	59.8	44.9	31.8	20.2	12.2	7.9
17.5°	170.9	141.7	118.7	98.4	81.4	64.9	49.2	35.2	22.9	13.3	8.7
15°	180.4	152.2	127.5	106.5	87.3	69.7	53.2	38.3	25.6	14.3	9.5
12.5°	188.4	161.3	135.2	114.0	93.2	74.1	57.0	41.1	28.3	15.6	10.3
10°	195.4	168.9	142.0	120.8	98.9	78.1	60.5	43.6	30.7	17.4	11.1
7.5°	201.5	175.2	147.8	127.0	104.3	82.1	63.4	45.8	32.8	19.1	11.7
5°	206.6	180.7	152.6	131.0	109.4	86.2	65.8	47.7	34.6	20.8	12.3
2.5°	210.6	185.6	156.7	133.9	113.8	90.1	67.8	49.3	36.2	22.5	12.9
0°	213.6	189.5	160.2	136.1	117.5	93.4	69.4	50.7	37.4	24.0	13.3
-2.5°	215.5	190.2	163.8	138.6	119.7	96.2	72.7	52.4	38.4	25.4	14.1
-5°	216.3	190.1	166.6	140.6	121.3	98.4	75.4	53.8	39.1	26.5	14.9
-7.5°	217.5	191.0	168.1	142.2	122.4	100.2	77.5	54.9	39.7	27.5	15.5
-10°	218.0	191.9	168.4	144.0	123.3	101.4	78.8	55.5	40.2	28.2	16.1
-12.5°	217.4	191.8	168.4	145.1	123.7	102.2	79.5	56.6	40.5	28.6	16.6
-15°	215.7	190.7	168.0	145.2	123.7	102.4	79.8	57.6	41.4	28.7	17.0
-17.5°	213.0	188.5	167.4	144.3	123.2	102.3	79.5	58.0	41.8	28.5	17.4
-20°	210.3	186.5	166.5	142.4	122.2	101.7	78.8	57.9	41.8	28.1	17.8

Classified

Cooper Lighting Solutions Photometric Lab
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Scaled Data Report



REPORT NUMBER: P627088 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA3B-730-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°	206.9	184.6	163.5	140.5	120.9	100.8	77.7	57.3	41.3	27.5	18.0
-25°	202.5	181.7	160.2	138.9	119.2	98.9	76.4	56.0	40.3	26.7	18.1
-27.5°	198.1	177.8	156.6	136.9	116.9	96.6	74.7	54.8	39.0	25.6	18.0
-30°	193.0	173.4	153.5	134.0	113.6	93.3	72.3	53.0	37.5	25.0	17.8
-32.5°	187.5	168.9	149.9	129.7	109.6	89.7	69.1	50.5	35.9	24.7	17.6
-35°	181.8	164.0	145.7	124.4	105.2	85.8	66.0	47.3	33.9	24.2	17.3
-37.5°	175.3	157.9	138.8	118.6	100.5	81.6	63.0	45.4	31.8	23.5	17.0
-40°	167.7	150.4	130.9	113.2	95.6	77.1	59.8	43.8	30.4	22.6	16.6
-42.5°	159.3	142.0	124.6	107.7	90.4	73.3	56.5	41.7	29.8	21.9	16.2
-45°	150.6	134.4	118.7	102.0	85.2	69.4	53.7	39.4	28.9	21.3	15.7
-47.5°	142.5	128.0	112.2	95.9	80.7	65.3	50.5	37.9	27.7	20.6	15.1
-50°	135.7	120.9	105.2	89.7	75.3	61.2	47.2	35.9	26.6	19.8	14.5
-52.5°	127.8	112.9	97.5	82.8	69.7	56.6	44.3	33.6	25.2	18.8	13.7
-55°	118.4	103.6	88.9	76.1	63.7	52.2	40.9	31.1	23.3	17.7	12.7
-57.5°	107.5	93.2	81.1	69.3	57.8	47.2	37.2	28.2	21.6	16.4	11.7
-60°	96.3	84.6	73.5	62.1	51.5	41.9	32.9	25.3	19.9	15.0	10.6
-62.5°	86.2	75.6	64.7	54.3	45.0	36.4	28.6	23.0	18.0	13.4	9.4
-65°	75.0	65.0	55.3	46.6	38.4	31.1	25.6	20.6	15.9	11.7	8.3
-67.5°	63.0	54.9	46.7	38.9	32.8	27.5	22.5	17.9	13.7	10.0	7.6
-70°	53.2	45.6	38.9	33.4	28.4	23.6	19.2	15.1	11.4	8.9	6.8
-72.5°	43.9	38.1	32.8	28.1	23.7	19.5	15.7	12.4	9.9	7.8	6.0
-75°	35.0	30.8	26.6	22.5	18.8	15.4	12.9	10.4	8.4	6.6	5.3
-77.5°	28.0	24.3	20.5	17.6	15.3	12.9	10.6	8.4	6.9	5.7	4.5
-80°	21.6	18.9	16.6	14.6	12.5	10.4	8.6	7.1	6.0	4.9	3.8
-82.5°	15.5	14.1	12.9	11.7	10.1	8.6	7.2	6.0	5.0	4.0	3.0
-85°	10.6	9.9	9.3	8.7	7.6	6.6	5.5	4.5	3.5	2.7	2.0
-87.5°	5.4	5.1	4.9	4.6	3.9	3.3	2.8	2.2	1.8	1.4	1.0
-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: P627088 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA3B-730-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	0.1	0.0
82.5°	0.0	0.0	0.0	0.0	0.0	0.2	0.0
80°	0.0	0.0	0.0	0.0	0.0	0.2	0.0
77.5°	0.0	0.1	0.0	0.0	0.0	0.3	0.0
75°	0.1	0.2	0.0	0.0	0.0	0.4	0.0
72.5°	0.1	0.4	0.3	0.0	0.1	0.4	0.0
70°	0.3	0.6	0.5	0.1	0.1	0.5	0.0
67.5°	1.0	0.8	0.8	0.3	0.2	0.6	0.0
65°	1.6	1.2	1.1	0.6	0.2	0.6	0.0
62.5°	2.1	1.5	1.4	0.9	0.3	0.7	0.0
60°	2.6	1.9	1.7	1.1	0.4	0.8	0.0
57.5°	2.7	2.2	1.9	1.4	0.6	0.8	0.0
55°	2.7	2.5	2.1	1.7	0.8	0.9	0.0
52.5°	2.7	2.7	2.2	2.0	1.0	1.0	0.0
50°	2.7	2.7	2.4	2.3	1.2	1.1	0.0
47.5°	2.7	2.7	2.5	2.6	1.4	1.2	0.0
45°	2.7	2.7	2.6	2.6	1.6	1.2	0.0
42.5°	2.7	2.7	2.7	2.7	1.7	1.3	0.0
40°	2.7	2.7	2.7	2.7	1.9	1.4	0.0
37.5°	2.7	2.7	2.7	2.7	2.0	1.5	0.0
35°	2.7	2.7	2.7	2.7	2.1	1.6	0.0
32.5°	2.8	2.7	2.7	2.7	2.2	1.7	0.0
30°	3.0	2.7	2.7	2.7	2.3	1.8	0.0
27.5°	3.3	2.7	2.7	2.7	2.4	1.8	0.0
25°	3.6	2.7	2.7	2.7	2.5	1.9	0.0
22.5°	4.0	2.7	2.7	2.7	2.5	2.0	0.0
20°	4.3	2.9	2.7	2.7	2.6	2.1	0.0
17.5°	4.8	3.2	2.7	2.7	2.6	2.2	0.0
15°	5.3	3.4	2.7	2.7	2.7	2.3	0.0
12.5°	5.8	3.7	2.7	2.7	2.7	2.4	0.0
10°	6.3	4.0	2.7	2.7	2.7	2.4	0.0
7.5°	6.8	4.4	2.7	2.7	2.7	2.5	0.0
5°	7.2	4.7	2.7	2.7	2.7	2.6	0.0
2.5°	7.6	5.0	2.7	2.7	2.7	2.6	0.0
0°	8.0	5.3	2.7	2.7	2.7	2.7	0.0
-2.5°	8.7	5.6	2.9	2.7	2.7	2.7	0.0
-5°	9.3	5.8	3.2	2.7	2.7	2.7	0.0
-7.5°	9.9	6.1	3.4	2.7	2.7	2.7	0.0
-10°	10.4	6.3	3.6	2.7	2.7	2.7	0.0
-12.5°	10.9	6.5	3.7	2.7	2.7	2.6	0.0
-15°	11.2	6.6	3.9	2.7	2.7	2.6	0.0
-17.5°	11.4	6.7	4.0	2.7	2.7	2.6	0.0
-20°	11.6	6.8	4.1	2.7	2.7	2.5	0.0

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CATALOG NUMBER: GFLD-SA3B-730-U-NR-VSR-XX

CANDELA DISTRIBUTION (continued):

	75°	77.5°	80°	82.5°	85°	87.5°	90°
-22.5°	11.7	6.9	4.1	2.7	2.7	2.5	0.0
-25°	11.8	7.0	4.1	2.7	2.7	2.4	0.0
-27.5°	11.8	7.2	4.0	2.7	2.7	2.4	0.0
-30°	11.8	7.3	3.9	2.7	2.7	2.3	0.0
-32.5°	11.6	7.4	3.9	2.7	2.7	2.3	0.0
-35°	11.6	7.4	3.9	2.7	2.7	2.2	0.0
-37.5°	11.6	7.3	3.8	2.7	2.7	2.1	0.0
-40°	11.4	7.2	3.7	2.7	2.7	2.1	0.0
-42.5°	11.2	7.0	3.6	2.7	2.7	2.0	0.0
-45°	10.8	6.7	3.7	2.8	2.7	1.9	0.0
-47.5°	10.4	6.3	3.8	2.8	2.7	1.8	0.0
-50°	9.8	5.9	3.8	2.9	2.7	1.7	0.0
-52.5°	9.2	5.4	3.8	2.9	2.7	1.6	0.0
-55°	8.5	5.3	3.8	2.9	2.7	1.5	0.0
-57.5°	7.7	5.2	3.7	2.9	2.7	1.5	0.0
-60°	6.9	5.0	3.7	2.9	2.7	1.3	0.0
-62.5°	6.6	4.8	3.5	2.9	2.5	1.2	0.0
-65°	6.1	4.5	3.4	2.8	2.3	1.1	0.0
-67.5°	5.7	4.2	3.3	2.8	2.1	1.0	0.0
-70°	5.2	3.9	3.1	2.7	1.8	0.9	0.0
-72.5°	4.6	3.6	2.9	2.4	1.6	0.8	0.0
-75°	4.0	3.2	2.7	2.1	1.4	0.7	0.0
-77.5°	3.4	2.8	2.3	1.7	1.2	0.6	0.0
-80°	2.8	2.3	1.9	1.4	0.9	0.5	0.0
-82.5°	2.1	1.7	1.4	1.1	0.7	0.4	0.0
-85°	1.4	1.2	0.9	0.7	0.5	0.2	0.0
-87.5°	0.7	0.6	0.5	0.4	0.2	0.1	0.0
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0

(END OF REPORT)