

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: P626728 (CONVERTED FROM TYPE C PHOTOMETRY)

Luminaire Tested: **GFLD-SA1D-730-U-NR-VSR-XX**

Issue Date: 12/7/2022

Test Information

Test Method: LM-79-08
 Report Number: P626728 (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-SA1D-730-U-NR-VSR-XX
 Description: GALLEON FLOOD, ONE LIGHT SQAURE, NARROW SYMMETRICAL ROUND N3 WITH VISOR
 Light Source: (16) 3000K CCT, 70 CRI LEDS
 Ballast/Driver: -

Summary

Lumens per Lamp:	N/A	NEMA Type:	3H x 3V
Luminaire Lumens:	6326.4 lumens	Max Intensity:	64128.6 candela
Efficiency:	N/A	Max Intensity Angle:	0°H x 0°V
Efficacy:	110.4 lumens/watt		
Luminous Opening:	Rectangular (W 0.5' x L: 0.5' x H: 0')		

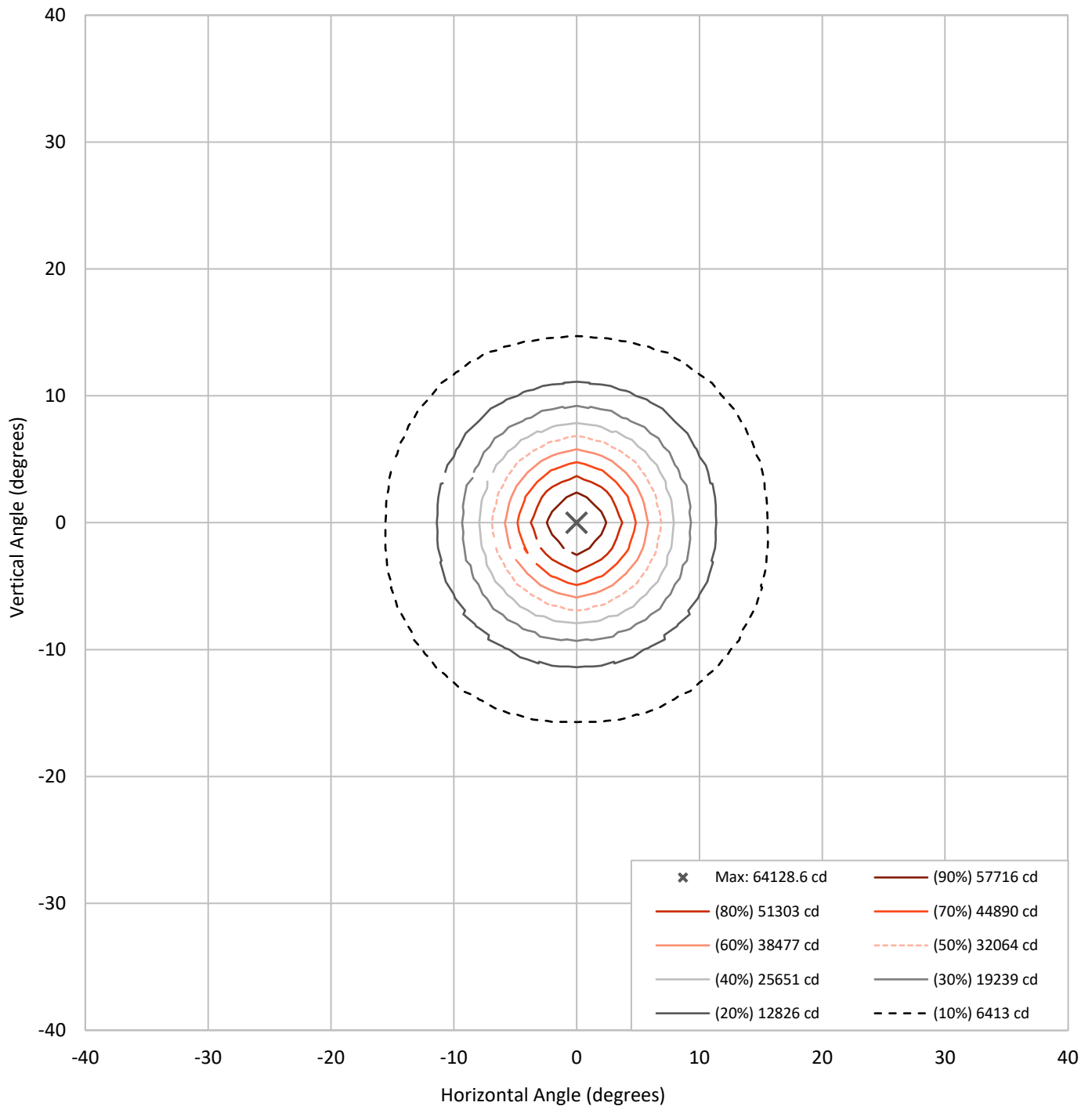
Beam Angle (50%):	13.6°H x 13.6°V	Field Angle (10%):	30.9°H x 30.2°V
Beam Lumens:	2019.7 lumens	Field Lumens:	4498.5 lumens
Beam Efficiency:	31.9%	Field Efficiency:	71.1%

Input Watts (W): 57.3
 Input Voltage (V): 120
 Input Current (A_{in}): 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



REPORT NUMBER: P626728 (CONVERTED FROM TYPE C PHOTOMETRY)
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Iso-Candela Plot





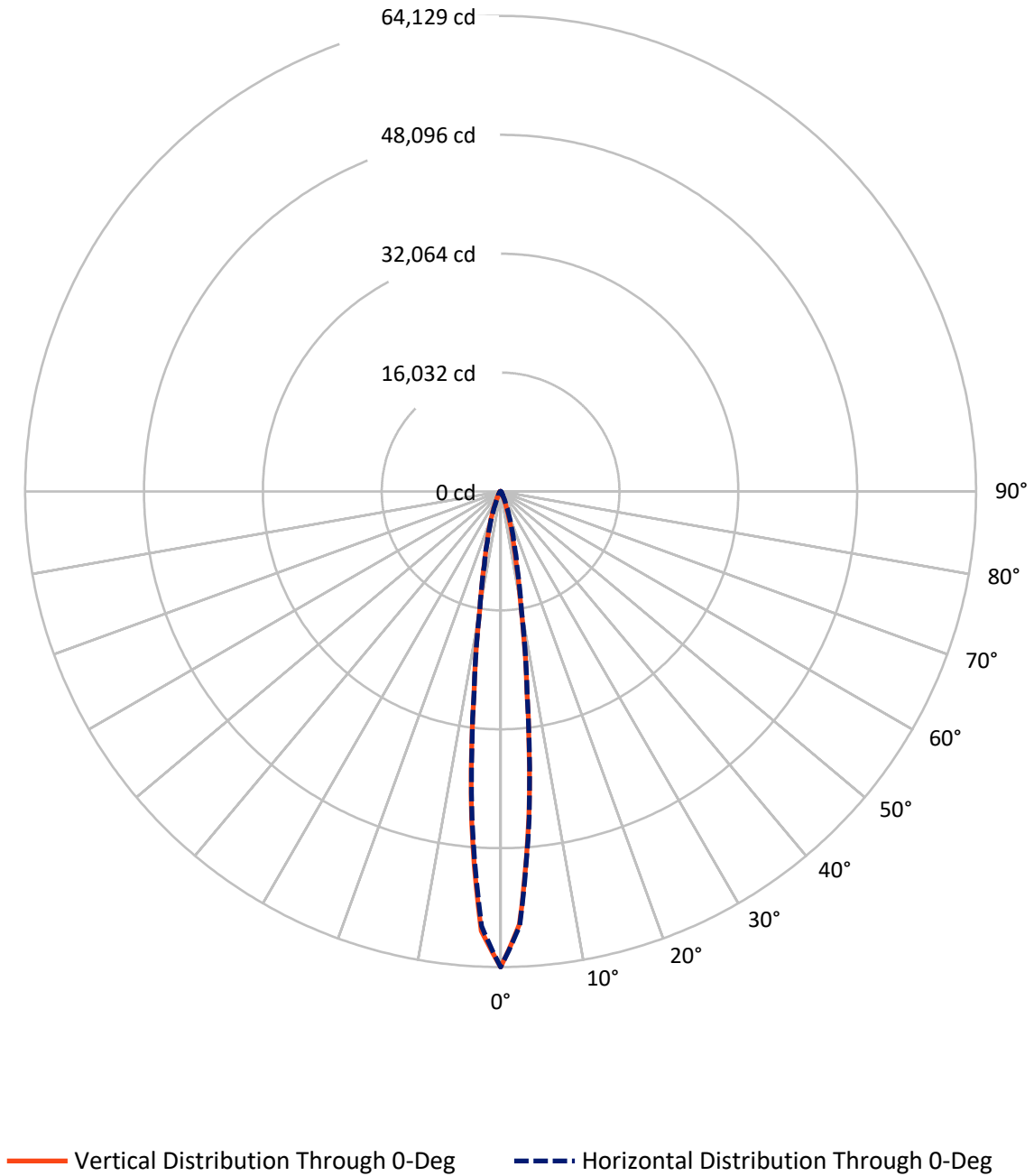
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Lumen Table

90	0.0																		
80	0.0																		
70	0.0																		
60	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	0.0			
50	0.0	0.0	0.2	0.4	0.6	0.7	0.9	0.9	0.7	0.6	0.4	0.2	0.0	0.0	0.0				
40	0.0	0.0	0.2	0.6	1.0	1.5	2.1	2.5	2.5	2.1	1.5	1.0	0.6	0.2	0.0	0.0			
30	0.1	0.1	0.4	1.1	1.9	3.0	5.1	6.6	6.6	5.1	3.0	1.9	1.1	0.4	0.1	0.1			
20	0.1	0.1	0.3	1.0	2.3	4.9	19.2	81.1	178.3	178.3	81.1	19.2	4.9	2.3	1.0	0.3	0.1		
10	0.1	0.1	0.3	1.2	2.6	6.6	36.1	194.3	871.5	871.5	194.3	36.1	6.6	2.6	1.2	0.3	0.1		
0	0.1	0.1	0.4	1.3	2.8	7.1	38.5	201.1	886.3	886.3	201.1	38.5	7.1	2.8	1.3	0.4	0.1		
-10	0.1	0.1	0.4	1.3	2.7	6.3	24.5	97.6	208.8	208.8	97.6	24.5	6.3	2.7	1.3	0.4	0.1		
-20	0.1	0.1	0.4	1.2	2.5	4.8	11.4	30.1	50.1	50.1	30.1	11.4	4.8	2.5	1.2	0.4	0.1		
-30	0.1	0.1	0.3	1.1	2.2	3.8	6.3	10.2	13.0	13.0	10.2	6.3	3.8	2.2	1.1	0.3	0.1		
-40	0.1	0.1	0.3	0.9	1.9	3.1	4.4	5.9	6.6	6.6	5.9	4.4	3.1	1.9	0.9	0.3	0.1		
-50	0.1	0.1	0.2	0.7	1.4	2.4	3.4	4.3	4.7	4.7	4.3	3.4	2.4	1.4	0.7	0.2	0.1		
-60	0.1	0.1	0.1	0.4	0.9	1.6	2.3	3.0	3.3	3.3	3.0	2.3	1.6	0.9	0.4	0.1	0.1		
-70	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	0.0	0.0		
-80	0.0	0.4	1.6	3.5	4.4	3.5	1.6	0.4	0.0										
-90	0.0																		
	-90	-80	-70	-60	-50	-40	-30	-20	-10	0	10	20	30	40	50	60	70	80	90

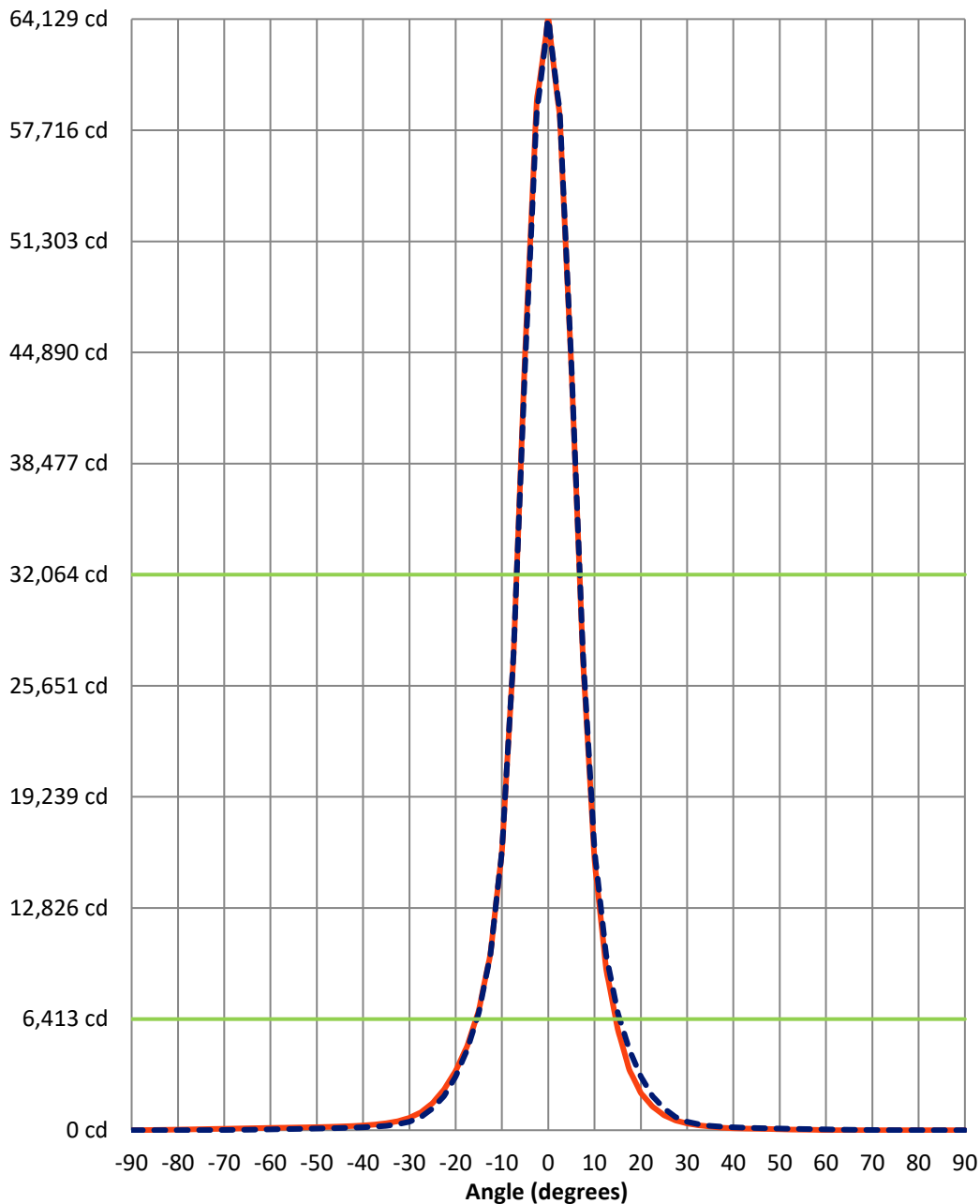
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Luminous Intensity Polar Plot



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Luminous Intensity Plot



Beam:
 H Angle: 13.6°
 V Angle: 13.6°
 Lumens: 2019.7
 Efficiency: 31.9%

Field:
 H Angle: 30.9°
 V Angle: 30.2°
 Lumens: 4498.5
 Efficiency: 71.1%

Spill:
 Lumens: 1827.9
 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	0.0	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	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
80°	0.0	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
77.5°	0.0	0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
75°	0.0	0.2	0.0	0.0	0.0	0.1	0.0	0.0	0.0	0.1	0.1
72.5°	0.0	0.2	0.0	0.0	0.2	0.2	0.1	0.1	0.3	0.3	0.1
70°	0.0	0.3	0.1	0.0	0.3	0.3	0.2	0.4	0.6	0.5	0.2
67.5°	0.0	0.3	0.1	0.2	0.4	0.4	0.5	0.8	0.9	0.6	0.2
65°	0.0	0.3	0.1	0.3	0.6	0.6	0.8	1.2	0.9	0.6	0.4
62.5°	0.0	0.4	0.1	0.4	0.7	0.8	1.1	1.3	1.0	0.7	0.9
60°	0.0	0.4	0.2	0.6	0.9	1.0	1.4	1.4	1.1	1.0	1.3
57.5°	0.0	0.4	0.3	0.7	1.0	1.1	1.4	1.4	1.2	1.2	1.4
55°	0.0	0.5	0.4	0.9	1.1	1.3	1.4	1.4	1.3	1.4	1.4
52.5°	0.0	0.5	0.5	1.0	1.2	1.4	1.4	1.4	1.4	1.4	1.4
50°	0.0	0.6	0.6	1.2	1.2	1.4	1.4	1.4	1.4	1.4	1.6
47.5°	0.0	0.6	0.7	1.3	1.3	1.4	1.4	1.4	1.4	1.4	1.9
45°	0.0	0.6	0.8	1.4	1.3	1.4	1.4	1.4	1.4	1.7	2.2
42.5°	0.0	0.7	0.9	1.4	1.4	1.4	1.4	1.4	1.5	2.1	3.0
40°	0.0	0.7	1.0	1.4	1.4	1.4	1.4	1.6	1.8	2.5	3.9
37.5°	0.0	0.8	1.0	1.4	1.4	1.4	1.4	1.7	2.2	3.1	4.7
35°	0.0	0.8	1.1	1.4	1.4	1.4	1.4	1.8	2.7	4.0	5.8
32.5°	0.0	0.9	1.2	1.4	1.4	1.4	1.4	2.0	3.2	4.8	7.2
30°	0.0	0.9	1.2	1.4	1.4	1.4	1.6	2.3	3.8	5.6	8.8
27.5°	0.0	1.0	1.3	1.4	1.4	1.4	1.7	2.7	4.3	6.4	10.4
25°	0.0	1.0	1.3	1.4	1.4	1.4	1.9	3.1	5.0	7.5	12.2
22.5°	0.0	1.0	1.3	1.4	1.4	1.4	2.0	3.6	5.6	8.9	14.3
20°	0.0	1.1	1.3	1.4	1.4	1.5	2.2	4.0	6.2	10.3	16.2
17.5°	0.0	1.1	1.4	1.4	1.4	1.6	2.4	4.4	6.7	11.7	17.9
15°	0.0	1.2	1.4	1.4	1.4	1.8	2.7	4.8	7.2	13.0	19.5
12.5°	0.0	1.2	1.4	1.4	1.4	1.9	3.0	5.2	7.9	14.4	20.9
10°	0.0	1.3	1.4	1.4	1.4	2.1	3.2	5.6	8.8	15.6	22.2
7.5°	0.0	1.3	1.4	1.4	1.4	2.2	3.5	6.0	9.7	16.7	23.3
5°	0.0	1.3	1.4	1.4	1.4	2.4	3.7	6.3	10.6	17.6	24.3
2.5°	0.0	1.4	1.4	1.4	1.4	2.6	3.9	6.6	11.4	18.4	25.1
0°	0.0	1.4	1.4	1.4	1.4	2.7	4.1	6.8	12.2	19.0	25.8
-2.5°	0.0	1.4	1.4	1.4	1.5	2.8	4.5	7.2	12.9	19.5	26.7
-5°	0.0	1.4	1.4	1.4	1.6	3.0	4.8	7.6	13.5	19.9	27.4
-7.5°	0.0	1.4	1.4	1.4	1.7	3.1	5.1	7.9	14.0	20.2	27.9
-10°	0.0	1.4	1.4	1.4	1.8	3.2	5.3	8.2	14.4	20.4	28.3
-12.5°	0.0	1.4	1.4	1.4	1.9	3.3	5.6	8.4	14.6	20.6	28.8
-15°	0.0	1.4	1.4	1.4	2.0	3.4	5.7	8.7	14.6	21.0	29.3
-17.5°	0.0	1.3	1.4	1.4	2.0	3.4	5.9	8.9	14.5	21.2	29.5
-20°	0.0	1.3	1.4	1.4	2.1	3.5	5.9	9.0	14.3	21.2	29.5

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CATALOG NUMBER: GFLD-SA1D-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	1.3	1.4	1.4	2.1	3.5	6.0	9.2	14.0	21.0	29.1
-25°	0.0	1.3	1.4	1.4	2.1	3.6	6.0	9.2	13.6	20.5	28.5
-27.5°	0.0	1.2	1.4	1.4	2.1	3.7	6.0	9.2	13.0	19.8	27.9
-30°	0.0	1.2	1.4	1.4	2.0	3.7	6.0	9.1	12.7	19.1	27.0
-32.5°	0.0	1.2	1.4	1.4	2.0	3.8	5.9	9.0	12.6	18.2	25.7
-35°	0.0	1.1	1.4	1.4	2.0	3.8	5.9	8.8	12.3	17.3	24.0
-37.5°	0.0	1.1	1.4	1.4	1.9	3.7	5.9	8.7	12.0	16.2	23.1
-40°	0.0	1.1	1.4	1.4	1.9	3.7	5.8	8.5	11.5	15.5	22.3
-42.5°	0.0	1.0	1.4	1.4	1.9	3.6	5.7	8.2	11.1	15.2	21.2
-45°	0.0	1.0	1.4	1.4	1.9	3.4	5.5	8.0	10.8	14.7	20.0
-47.5°	0.0	0.9	1.4	1.5	1.9	3.2	5.3	7.7	10.4	14.1	19.3
-50°	0.0	0.9	1.4	1.5	2.0	3.0	5.0	7.4	10.0	13.5	18.3
-52.5°	0.0	0.9	1.4	1.5	2.0	2.8	4.7	7.0	9.5	12.8	17.1
-55°	0.0	0.8	1.4	1.5	1.9	2.7	4.4	6.5	9.0	11.8	15.8
-57.5°	0.0	0.8	1.4	1.5	1.9	2.7	4.0	6.0	8.3	11.0	14.3
-60°	0.0	0.7	1.4	1.5	1.9	2.6	3.5	5.4	7.6	10.1	12.8
-62.5°	0.0	0.6	1.3	1.5	1.8	2.4	3.4	4.8	6.9	9.2	11.7
-65°	0.0	0.6	1.2	1.5	1.8	2.3	3.1	4.2	6.0	8.1	10.5
-67.5°	0.0	0.5	1.1	1.4	1.7	2.2	2.9	3.9	5.1	7.0	9.1
-70°	0.0	0.5	1.0	1.4	1.6	2.0	2.6	3.5	4.6	5.8	7.7
-72.5°	0.0	0.4	0.8	1.3	1.5	1.8	2.4	3.1	4.0	5.1	6.3
-75°	0.0	0.4	0.7	1.1	1.4	1.7	2.1	2.7	3.4	4.3	5.3
-77.5°	0.0	0.3	0.6	0.9	1.2	1.5	1.8	2.3	2.9	3.5	4.3
-80°	0.0	0.2	0.5	0.7	1.0	1.2	1.4	2.0	2.5	3.1	3.6
-82.5°	0.0	0.2	0.4	0.5	0.7	0.9	1.1	1.5	2.1	2.6	3.0
-85°	0.0	0.1	0.2	0.4	0.5	0.6	0.7	1.0	1.4	1.8	2.3
-87.5°	0.0	0.1	0.1	0.2	0.2	0.3	0.4	0.5	0.7	0.9	1.1
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



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CANDELA DISTRIBUTION (continued):

	-62.5°	-60°	-57.5°	-55°	-52.5°	-50°	-47.5°	-45°	-42.5°	-40°	-37.5°
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
87.5°	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	0.1	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0
67.5°	0.1	0.4	0.5	0.3	0.0	0.0	0.0	0.1	0.0	0.0	0.0
65°	0.7	0.9	0.7	0.4	0.0	0.3	0.5	0.4	0.0	0.0	0.0
62.5°	1.3	1.1	0.8	0.6	0.8	1.1	0.8	0.5	0.1	0.6	0.9
60°	1.4	1.2	1.0	1.1	1.4	1.3	0.9	1.3	2.0	2.5	3.0
57.5°	1.4	1.3	1.3	1.5	1.6	1.6	2.4	3.2	4.5	5.6	6.4
55°	1.4	1.4	1.6	1.9	2.3	3.3	4.5	6.3	7.7	10.0	11.9
52.5°	1.6	1.6	2.1	2.8	4.1	5.6	7.7	10.3	13.2	15.4	17.7
50°	1.8	2.3	2.9	4.7	6.5	8.8	12.3	16.0	18.5	20.9	24.2
47.5°	2.4	3.1	4.8	6.8	9.4	13.2	18.0	20.6	23.0	26.9	31.0
45°	3.3	4.6	6.7	9.5	13.1	18.4	22.1	24.3	28.5	33.0	37.7
42.5°	4.1	6.4	9.2	12.2	17.9	22.9	26.3	29.8	34.0	39.2	44.3
40°	5.6	8.1	12.0	16.6	22.4	27.3	31.6	35.6	39.8	46.6	52.0
37.5°	7.1	10.7	15.1	20.9	26.9	32.2	37.0	42.1	48.0	55.7	60.5
35°	8.6	13.4	18.8	25.0	31.4	37.4	43.1	49.0	56.7	64.0	69.8
32.5°	10.7	16.2	22.3	28.9	35.5	42.3	49.3	56.3	63.9	71.3	79.0
30°	13.2	19.2	25.6	32.7	39.3	47.3	55.3	62.7	70.4	78.2	86.8
27.5°	15.8	22.0	28.9	36.1	43.0	52.1	60.7	68.5	76.3	84.8	94.6
25°	18.2	24.8	32.0	39.1	47.3	56.9	66.4	75.4	82.1	91.7	103.1
22.5°	20.5	27.6	35.3	41.8	51.4	61.8	72.9	82.6	90.4	99.0	112.1
20°	22.8	30.4	38.3	45.6	55.5	66.7	79.8	89.8	99.5	110.6	123.9
17.5°	25.0	33.0	41.4	50.0	60.4	72.0	87.0	97.1	108.7	122.0	138.8
15°	27.1	35.5	44.4	54.2	64.9	77.4	91.8	104.4	118.3	133.6	153.5
12.5°	29.0	37.7	47.4	58.0	68.8	82.0	95.8	109.3	125.3	145.3	170.3
10°	30.8	39.7	50.3	61.4	72.2	85.9	99.4	113.4	130.3	152.3	180.8
7.5°	32.2	41.7	53.0	64.6	75.1	89.1	102.5	116.8	134.5	158.0	187.9
5°	33.5	43.9	55.6	66.6	77.6	91.9	105.1	119.5	137.8	162.5	193.0
2.5°	34.5	45.8	57.8	68.1	79.7	94.4	107.1	122.5	141.2	166.0	197.8
0°	35.3	47.5	59.7	69.2	81.4	96.4	108.6	124.9	143.9	168.3	202.3
-2.5°	37.0	48.9	60.8	70.5	83.3	96.7	109.6	125.2	144.9	170.1	203.1
-5°	38.3	50.0	61.7	71.5	84.7	96.6	110.0	124.9	145.2	171.1	204.6
-7.5°	39.4	50.9	62.2	72.3	85.5	97.1	110.6	125.9	146.3	172.0	206.5
-10°	40.1	51.5	62.7	73.2	85.7	97.6	110.8	126.1	146.1	171.4	205.4
-12.5°	40.5	51.9	62.9	73.8	85.6	97.5	110.5	125.5	144.6	169.3	201.2
-15°	40.6	52.1	62.9	73.8	85.4	96.9	109.6	124.1	141.9	165.7	194.6
-17.5°	40.4	52.0	62.6	73.4	85.1	95.8	108.3	122.2	139.2	161.4	189.3
-20°	40.1	51.7	62.1	72.4	84.6	94.8	106.9	120.4	136.4	156.5	181.4

Classified

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

Scaled Data Report



REPORT NUMBER: P626728 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA1D-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°	39.5	51.2	61.5	71.4	83.1	93.8	105.2	118.0	132.3	150.5	172.6
-25°	38.8	50.3	60.6	70.6	81.4	92.4	103.0	115.1	128.3	145.8	165.7
-27.5°	38.0	49.1	59.4	69.6	79.6	90.4	100.7	112.2	125.3	140.7	158.5
-30°	36.7	47.4	57.8	68.1	78.0	88.1	98.1	109.1	121.4	135.9	152.4
-32.5°	35.2	45.6	55.7	65.9	76.2	85.9	95.3	105.8	117.4	130.1	145.8
-35°	33.6	43.6	53.5	63.2	74.1	83.4	92.4	102.1	112.9	124.7	137.5
-37.5°	32.0	41.5	51.1	60.3	70.6	80.3	89.1	98.3	108.2	119.1	130.7
-40°	30.4	39.2	48.6	57.6	66.6	76.5	85.3	94.1	103.3	114.2	124.5
-42.5°	28.7	37.3	46.0	54.8	63.4	72.2	81.0	89.5	99.1	109.5	119.6
-45°	27.3	35.2	43.3	51.9	60.3	68.4	76.6	84.6	94.4	104.6	114.6
-47.5°	25.7	33.2	41.0	48.7	57.1	65.1	72.5	80.5	88.9	98.6	109.0
-50°	24.0	31.1	38.3	45.6	53.5	61.5	69.0	76.4	84.3	92.3	101.2
-52.5°	22.5	28.7	35.4	42.1	49.6	57.4	65.0	72.4	79.7	87.2	94.8
-55°	20.8	26.5	32.4	38.7	45.2	52.7	60.2	67.5	74.9	81.9	89.4
-57.5°	18.9	24.0	29.4	35.3	41.2	47.4	54.7	61.9	68.8	75.9	83.6
-60°	16.7	21.3	26.2	31.6	37.4	43.0	49.0	55.6	62.4	69.1	76.2
-62.5°	14.5	18.5	22.9	27.6	32.9	38.4	43.9	49.6	55.6	61.4	67.6
-65°	13.0	15.8	19.5	23.7	28.1	33.0	38.2	43.4	48.7	53.7	58.4
-67.5°	11.5	14.0	16.7	19.8	23.8	27.9	32.0	36.7	41.5	46.1	50.5
-70°	9.8	12.0	14.4	17.0	19.8	23.2	27.0	30.8	34.5	38.3	42.4
-72.5°	8.0	9.9	12.0	14.3	16.7	19.4	22.3	25.5	28.8	32.0	35.2
-75°	6.6	7.9	9.6	11.4	13.5	15.6	17.8	20.3	23.1	25.8	28.6
-77.5°	5.4	6.6	7.8	8.9	10.4	12.3	14.3	16.1	18.1	20.1	22.4
-80°	4.4	5.3	6.4	7.5	8.5	9.6	11.0	12.5	13.8	15.2	16.7
-82.5°	3.7	4.4	5.1	6.0	6.6	7.2	7.9	8.7	9.6	10.6	11.5
-85°	2.8	3.4	3.9	4.5	4.8	5.0	5.4	5.7	6.3	6.9	7.4
-87.5°	1.4	1.7	2.0	2.3	2.5	2.6	2.8	2.9	3.3	3.6	4.0
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



REPORT NUMBER: P626728 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA1D-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	0.3	0.3	0.3	0.1	0.0	0.0
62.5°	0.8	0.7	1.0	1.4	1.6	1.5	1.4	1.3	1.1	1.0	1.1
60°	3.3	3.2	4.5	5.1	4.6	3.2	5.1	6.0	5.8	5.0	5.0
57.5°	8.0	9.7	11.0	11.5	13.3	16.1	16.7	15.8	15.4	15.8	18.2
55°	13.8	15.2	15.9	18.4	20.5	22.1	23.1	24.0	25.4	27.1	28.9
52.5°	19.5	21.4	22.9	25.1	27.7	28.6	28.4	31.7	34.3	36.0	36.7
50°	26.8	29.2	32.5	36.0	37.5	39.0	40.5	43.3	47.3	52.3	55.2
47.5°	34.6	38.4	41.9	45.9	47.9	49.5	51.8	56.6	62.3	67.7	70.5
45°	41.7	45.1	49.1	52.6	55.0	58.0	61.4	65.7	72.1	77.7	81.6
42.5°	47.4	51.2	55.4	59.5	62.0	66.0	71.1	77.0	83.7	89.5	93.9
40°	55.4	58.6	65.2	69.1	70.1	73.8	84.0	92.1	99.7	106.9	110.5
37.5°	65.0	71.2	78.1	81.6	85.1	91.8	105.4	118.5	128.1	137.9	143.2
35°	75.9	84.1	93.5	97.6	105.2	119.7	135.7	153.8	176.3	185.8	194.5
32.5°	86.5	95.6	104.3	113.7	126.9	144.2	162.2	191.6	219.1	240.4	255.9
30°	96.0	105.6	116.4	128.5	147.0	170.9	201.0	239.0	277.7	311.5	340.1
27.5°	105.3	116.2	129.1	147.1	173.1	205.7	253.6	307.9	372.5	420.1	476.9
25°	115.5	128.1	144.5	170.7	205.8	254.4	331.1	419.2	525.1	611.0	700.9
22.5°	127.6	146.1	166.9	196.2	257.5	337.6	442.3	592.9	755.8	906.5	1051.6
20°	142.2	167.5	200.9	254.8	333.5	451.9	633.8	874.2	1113.9	1369.1	1614.7
17.5°	163.0	199.6	251.4	328.1	431.8	666.0	961.2	1333.1	1810.7	2243.5	2621.4
15°	182.6	226.2	308.1	422.7	603.6	914.0	1362.4	1976.1	2720.5	3398.9	4115.4
12.5°	203.1	254.6	348.7	494.6	745.9	1150.0	1780.2	2621.1	3553.2	4575.6	5740.2
10°	219.3	281.9	394.6	579.5	889.4	1392.6	2143.2	3163.0	4401.6	5914.7	7776.5
7.5°	230.3	303.7	432.4	641.7	1021.4	1640.7	2544.3	3769.9	5318.4	7323.1	9928.1
5°	238.8	320.4	460.9	698.4	1133.1	1830.0	2841.4	4301.5	6133.3	8819.1	13233.9
2.5°	245.7	333.2	478.5	737.4	1203.2	1961.9	3040.8	4602.2	6618.3	9925.2	15652.8
0°	251.1	344.8	490.0	761.5	1256.9	1975.0	3103.0	4657.2	6792.4	10124.8	16173.3
-2.5°	253.4	351.0	494.0	766.7	1251.6	1997.7	3122.0	4701.2	6785.8	10015.4	15592.0
-5°	257.2	350.9	491.0	761.4	1223.5	1939.1	2998.0	4455.2	6376.4	9154.0	13722.8
-7.5°	259.9	345.3	476.8	726.9	1150.1	1812.6	2780.1	4047.7	5631.4	7740.3	10569.9
-10°	257.4	334.5	453.1	669.0	1035.9	1609.7	2448.8	3509.6	4825.8	6388.7	8311.2
-12.5°	247.7	314.7	414.4	587.9	887.9	1382.3	2115.5	3018.7	3992.9	5090.5	6419.0
-15°	235.5	293.3	379.6	532.4	778.3	1157.0	1692.3	2424.9	3206.5	4039.9	4928.6
-17.5°	226.0	274.6	346.0	456.6	637.5	938.6	1359.2	1879.7	2454.0	3088.5	3615.1
-20°	213.0	251.5	311.4	401.7	539.7	739.3	1045.6	1423.8	1802.7	2248.9	2612.6

Classified

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

Scaled Data Report



REPORT NUMBER: P626728 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA1D-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°	200.1	233.6	279.2	345.2	448.0	598.7	788.0	1040.5	1317.6	1573.7	1825.7
-25°	188.1	213.9	250.8	305.0	374.7	477.5	612.3	757.1	939.8	1095.6	1268.6
-27.5°	178.4	200.5	227.8	267.5	321.5	387.7	484.2	581.3	677.3	756.0	875.1
-30°	169.1	186.8	209.6	238.0	278.5	329.4	392.1	455.0	510.5	561.1	623.1
-32.5°	159.8	174.3	191.7	215.3	244.4	282.7	321.2	366.3	404.8	440.4	473.3
-35°	150.6	163.5	176.8	196.6	219.8	247.0	275.0	305.6	332.2	356.2	377.4
-37.5°	142.3	153.6	166.1	180.8	199.5	220.0	242.9	265.1	282.7	298.2	311.1
-40°	135.2	145.5	156.2	168.0	182.2	198.4	217.8	236.3	248.7	258.2	266.0
-42.5°	128.9	138.0	147.1	157.1	168.0	182.0	197.4	212.6	221.0	228.4	234.0
-45°	123.9	130.9	138.5	147.1	156.7	168.5	180.5	191.1	198.5	204.9	209.6
-47.5°	117.2	123.9	130.6	137.7	146.7	156.4	166.4	174.5	181.0	186.5	190.1
-50°	109.9	116.9	123.0	129.3	137.5	145.8	153.8	160.5	166.7	172.1	175.0
-52.5°	102.2	109.8	116.2	122.3	129.3	136.5	143.7	149.5	154.9	160.0	162.1
-55°	96.8	103.8	110.4	116.1	121.8	127.6	133.5	139.5	144.8	149.7	151.1
-57.5°	90.9	98.0	104.5	109.6	114.8	120.1	125.5	130.8	136.0	140.6	141.8
-60°	83.7	91.4	97.2	102.0	107.0	112.2	116.9	121.7	126.5	130.6	131.9
-62.5°	74.5	81.5	87.2	92.3	97.2	101.6	106.2	110.7	115.1	118.3	119.3
-65°	63.5	69.5	75.4	80.7	85.5	89.8	94.0	98.1	102.1	104.9	106.3
-67.5°	54.8	59.1	63.8	68.4	73.3	77.7	81.5	85.1	88.5	90.9	92.4
-70°	46.4	50.5	54.9	59.3	63.5	67.1	70.2	73.2	76.1	78.2	79.7
-72.5°	38.5	41.9	45.6	49.5	53.3	56.6	59.4	62.0	64.5	66.3	67.8
-75°	31.2	34.1	37.2	40.3	43.4	46.0	48.4	50.6	52.9	54.5	55.8
-77.5°	24.7	27.2	29.6	32.1	34.6	36.4	38.1	39.8	41.4	42.7	43.8
-80°	18.4	20.3	22.2	24.2	26.1	27.6	28.9	30.1	31.2	32.0	32.6
-82.5°	12.5	13.9	15.2	16.6	18.0	19.1	20.1	21.1	22.1	22.4	22.7
-85°	8.0	8.7	9.4	10.1	10.9	11.5	12.1	12.6	13.1	13.6	14.0
-87.5°	4.4	4.6	4.7	4.8	4.9	5.3	5.7	6.1	6.6	6.6	6.7
-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: P626728 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA1D-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	0.1	0.3
62.5°	1.3	1.3	1.4	1.4	1.4	1.3	1.3	1.1	1.0	1.1	1.3
60°	4.7	4.2	4.1	4.1	4.1	4.2	4.7	5.0	5.0	5.8	6.0
57.5°	20.6	22.9	23.6	23.1	23.6	22.9	20.6	18.2	15.8	15.4	15.8
55°	30.0	30.8	31.1	31.2	31.1	30.8	30.0	28.9	27.1	25.4	24.0
52.5°	36.8	36.6	36.5	36.6	36.5	36.6	36.8	36.7	36.0	34.3	31.7
50°	55.4	54.4	54.0	54.3	54.0	54.4	55.4	55.2	52.3	47.3	43.3
47.5°	70.8	71.1	71.5	71.9	71.5	71.1	70.8	70.5	67.7	62.3	56.6
45°	82.7	83.4	83.9	84.2	83.9	83.4	82.7	81.6	77.7	72.1	65.7
42.5°	94.8	94.9	94.7	95.0	94.7	94.9	94.8	93.9	89.5	83.7	77.0
40°	111.9	112.3	111.9	111.3	111.9	112.3	111.9	110.5	106.9	99.7	92.1
37.5°	146.3	146.8	145.2	143.9	145.2	146.8	146.3	143.2	137.9	128.1	118.5
35°	202.3	208.1	210.9	211.8	210.9	208.1	202.3	194.5	185.8	176.3	153.8
32.5°	266.7	274.7	278.8	282.3	278.8	274.7	266.7	255.9	240.4	219.1	191.6
30°	358.8	373.7	380.2	389.6	380.2	373.7	358.8	340.1	311.5	277.7	239.0
27.5°	509.2	535.4	549.8	563.3	549.8	535.4	509.2	476.9	420.1	372.5	307.9
25°	766.2	816.6	849.2	864.7	849.2	816.6	766.2	700.9	611.0	525.1	419.2
22.5°	1192.0	1284.9	1356.6	1371.0	1356.6	1284.9	1192.0	1051.6	906.5	755.8	592.9
20°	1853.1	1986.1	2094.2	2148.8	2094.2	1986.1	1853.1	1614.7	1369.1	1113.9	874.2
17.5°	3071.5	3348.2	3474.5	3495.3	3474.5	3348.2	3071.5	2621.4	2243.5	1810.7	1333.1
15°	4884.3	5352.4	5649.5	5840.9	5649.5	5352.4	4884.3	4115.4	3398.9	2720.5	1976.1
12.5°	6952.6	8282.6	9039.5	9328.0	9039.5	8282.6	6952.6	5740.2	4575.6	3553.2	2621.1
10°	9759.6	12890.8	14697.1	15605.9	14697.1	12890.8	9759.6	7776.5	5914.7	4401.6	3163.0
7.5°	14523.9	19360.1	24718.4	27197.4	24718.4	19360.1	14523.9	9928.1	7323.1	5318.4	3769.9
5°	19532.3	30150.7	39470.4	43933.4	39470.4	30150.7	19532.3	13233.9	8819.1	6133.3	4301.5
2.5°	25288.8	39608.6	52848.3	58415.4	52848.3	39608.6	25288.8	15652.8	9925.2	6618.3	4602.2
0°	27504.2	44184.5	58664.4	64128.6	58664.4	44184.5	27504.2	16173.3	10124.8	6792.4	4657.2
-2.5°	25631.2	40302.3	53075.8	59319.4	53075.8	40302.3	25631.2	15592.0	10015.4	6785.8	4701.2
-5°	20365.4	30316.8	39776.9	44864.5	39776.9	30316.8	20365.4	13722.8	9154.0	6376.4	4455.2
-7.5°	14946.9	20364.3	25618.1	27455.3	25618.1	20364.3	14946.9	10569.9	7740.3	5631.4	4047.7
-10°	10406.3	13508.6	15556.3	16140.8	15556.3	13508.6	10406.3	8311.2	6388.7	4825.8	3509.6
-12.5°	7715.2	9072.2	10016.3	10180.4	10016.3	9072.2	7715.2	6419.0	5090.5	3992.9	3018.7
-15°	5713.0	6403.0	6889.9	6922.7	6889.9	6403.0	5713.0	4928.6	4039.9	3206.5	2424.9
-17.5°	4176.2	4639.4	4885.1	4867.6	4885.1	4639.4	4176.2	3615.1	3088.5	2454.0	1879.7
-20°	2986.2	3265.4	3463.4	3424.7	3463.4	3265.4	2986.2	2612.6	2248.9	1802.7	1423.8

Classified

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

Scaled Data Report



REPORT NUMBER: P626728 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA1D-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°	2082.2	2267.5	2383.6	2353.7	2383.6	2267.5	2082.2	1825.7	1573.7	1317.6	1040.5
-25°	1414.8	1515.8	1573.3	1563.7	1573.3	1515.8	1414.8	1268.6	1095.6	939.8	757.1
-27.5°	964.2	1017.5	1035.2	1034.3	1035.2	1017.5	964.2	875.1	756.0	677.3	581.3
-30°	669.2	705.1	725.5	712.6	725.5	705.1	669.2	623.1	561.1	510.5	455.0
-32.5°	498.7	519.0	530.7	518.5	530.7	519.0	498.7	473.3	440.4	404.8	366.3
-35°	393.1	403.3	407.4	400.4	407.4	403.3	393.1	377.4	356.2	332.2	305.6
-37.5°	320.5	326.5	328.5	324.4	328.5	326.5	320.5	311.1	298.2	282.7	265.1
-40°	271.6	275.2	276.1	272.8	276.1	275.2	271.6	266.0	258.2	248.7	236.3
-42.5°	237.6	239.8	240.3	238.9	240.3	239.8	237.6	234.0	228.4	221.0	212.6
-45°	212.3	214.2	214.5	213.1	214.5	214.2	212.3	209.6	204.9	198.5	191.1
-47.5°	191.9	193.0	193.3	192.7	193.3	193.0	191.9	190.1	186.5	181.0	174.5
-50°	176.2	177.0	177.1	176.5	177.1	177.0	176.2	175.0	172.1	166.7	160.5
-52.5°	163.1	163.6	164.0	164.2	164.0	163.6	163.1	162.1	160.0	154.9	149.5
-55°	152.1	152.8	153.3	153.4	153.3	152.8	152.1	151.1	149.7	144.8	139.5
-57.5°	142.7	143.4	143.8	143.9	143.8	143.4	142.7	141.8	140.6	136.0	130.8
-60°	132.9	133.7	134.2	134.4	134.2	133.7	132.9	131.9	130.6	126.5	121.7
-62.5°	120.0	120.3	120.7	120.8	120.7	120.3	120.0	119.3	118.3	115.1	110.7
-65°	107.3	108.0	108.5	108.6	108.5	108.0	107.3	106.3	104.9	102.1	98.1
-67.5°	93.6	94.5	95.5	96.4	95.5	94.5	93.6	92.4	90.9	88.5	85.1
-70°	81.1	82.3	82.7	82.8	82.7	82.3	81.1	79.7	78.2	76.1	73.2
-72.5°	69.1	70.2	71.1	71.9	71.1	70.2	69.1	67.8	66.3	64.5	62.0
-75°	57.0	58.1	58.3	58.4	58.3	58.1	57.0	55.8	54.5	52.9	50.6
-77.5°	44.9	45.9	46.1	46.2	46.1	45.9	44.9	43.8	42.7	41.4	39.8
-80°	33.2	33.7	34.5	35.3	34.5	33.7	33.2	32.6	32.0	31.2	30.1
-82.5°	22.9	23.0	23.1	23.1	23.1	23.0	22.9	22.7	22.4	22.1	21.1
-85°	14.4	14.8	14.9	14.9	14.9	14.8	14.4	14.0	13.6	13.1	12.6
-87.5°	6.7	6.8	6.8	6.8	6.8	6.8	6.7	6.7	6.6	6.6	6.1
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



REPORT NUMBER: P626728 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA1D-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	0.1
65°	0.3	0.3	0.0	0.0	0.0	0.0	0.1	0.0	0.0	0.0	0.4
62.5°	1.4	1.5	1.6	1.4	1.0	0.7	0.8	0.9	0.6	0.1	0.5
60°	5.1	3.2	4.6	5.1	4.5	3.2	3.3	3.0	2.5	2.0	1.3
57.5°	16.7	16.1	13.3	11.5	11.0	9.7	8.0	6.4	5.6	4.5	3.2
55°	23.1	22.1	20.5	18.4	15.9	15.2	13.8	11.9	10.0	7.7	6.3
52.5°	28.4	28.6	27.7	25.1	22.9	21.4	19.5	17.7	15.4	13.2	10.3
50°	40.5	39.0	37.5	36.0	32.5	29.2	26.8	24.2	20.9	18.5	16.0
47.5°	51.8	49.5	47.9	45.9	41.9	38.4	34.6	31.0	26.9	23.0	20.6
45°	61.4	58.0	55.0	52.6	49.1	45.1	41.7	37.7	33.0	28.5	24.3
42.5°	71.1	66.0	62.0	59.5	55.4	51.2	47.4	44.3	39.2	34.0	29.8
40°	84.0	73.8	70.1	69.1	65.2	58.6	55.4	52.0	46.6	39.8	35.6
37.5°	105.4	91.8	85.1	81.6	78.1	71.2	65.0	60.5	55.7	48.0	42.1
35°	135.7	119.7	105.2	97.6	93.5	84.1	75.9	69.8	64.0	56.7	49.0
32.5°	162.2	144.2	126.9	113.7	104.3	95.6	86.5	79.0	71.3	63.9	56.3
30°	201.0	170.9	147.0	128.5	116.4	105.6	96.0	86.8	78.2	70.4	62.7
27.5°	253.6	205.7	173.1	147.1	129.1	116.2	105.3	94.6	84.8	76.3	68.5
25°	331.1	254.4	205.8	170.7	144.5	128.1	115.5	103.1	91.7	82.1	75.4
22.5°	442.3	337.6	257.5	196.2	166.9	146.1	127.6	112.1	99.0	90.4	82.6
20°	633.8	451.9	333.5	254.8	200.9	167.5	142.2	123.9	110.6	99.5	89.8
17.5°	961.2	666.0	431.8	328.1	251.4	199.6	163.0	138.8	122.0	108.7	97.1
15°	1362.4	914.0	603.6	422.7	308.1	226.2	182.6	153.5	133.6	118.3	104.4
12.5°	1780.2	1150.0	745.9	494.6	348.7	254.6	203.1	170.3	145.3	125.3	109.3
10°	2143.2	1392.6	889.4	579.5	394.6	281.9	219.3	180.8	152.3	130.3	113.4
7.5°	2544.3	1640.7	1021.4	641.7	432.4	303.7	230.3	187.9	158.0	134.5	116.8
5°	2841.4	1830.0	1133.1	698.4	460.9	320.4	238.8	193.0	162.5	137.8	119.5
2.5°	3040.8	1961.9	1203.2	737.4	478.5	333.2	245.7	197.8	166.0	141.2	122.5
0°	3103.0	1975.0	1256.9	761.5	490.0	344.8	251.1	202.3	168.3	143.9	124.9
-2.5°	3122.0	1997.7	1251.6	766.7	494.0	351.0	253.4	203.1	170.1	144.9	125.2
-5°	2998.0	1939.1	1223.5	761.4	491.0	350.9	257.2	204.6	171.1	145.2	124.9
-7.5°	2780.1	1812.6	1150.1	726.9	476.8	345.3	259.9	206.5	172.0	146.3	125.9
-10°	2448.8	1609.7	1035.9	669.0	453.1	334.5	257.4	205.4	171.4	146.1	126.1
-12.5°	2115.5	1382.3	887.9	587.9	414.4	314.7	247.7	201.2	169.3	144.6	125.5
-15°	1692.3	1157.0	778.3	532.4	379.6	293.3	235.5	194.6	165.7	141.9	124.1
-17.5°	1359.2	938.6	637.5	456.6	346.0	274.6	226.0	189.3	161.4	139.2	122.2
-20°	1045.6	739.3	539.7	401.7	311.4	251.5	213.0	181.4	156.5	136.4	120.4

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Scaled Data Report



REPORT NUMBER: P626728 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA1D-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°	788.0	598.7	448.0	345.2	279.2	233.6	200.1	172.6	150.5	132.3	118.0
-25°	612.3	477.5	374.7	305.0	250.8	213.9	188.1	165.7	145.8	128.3	115.1
-27.5°	484.2	387.7	321.5	267.5	227.8	200.5	178.4	158.5	140.7	125.3	112.2
-30°	392.1	329.4	278.5	238.0	209.6	186.8	169.1	152.4	135.9	121.4	109.1
-32.5°	321.2	282.7	244.4	215.3	191.7	174.3	159.8	145.8	130.1	117.4	105.8
-35°	275.0	247.0	219.8	196.6	176.8	163.5	150.6	137.5	124.7	112.9	102.1
-37.5°	242.9	220.0	199.5	180.8	166.1	153.6	142.3	130.7	119.1	108.2	98.3
-40°	217.8	198.4	182.2	168.0	156.2	145.5	135.2	124.5	114.2	103.3	94.1
-42.5°	197.4	182.0	168.0	157.1	147.1	138.0	128.9	119.6	109.5	99.1	89.5
-45°	180.5	168.5	156.7	147.1	138.5	130.9	123.9	114.6	104.6	94.4	84.6
-47.5°	166.4	156.4	146.7	137.7	130.6	123.9	117.2	109.0	98.6	88.9	80.5
-50°	153.8	145.8	137.5	129.3	123.0	116.9	109.9	101.2	92.3	84.3	76.4
-52.5°	143.7	136.5	129.3	122.3	116.2	109.8	102.2	94.8	87.2	79.7	72.4
-55°	133.5	127.6	121.8	116.1	110.4	103.8	96.8	89.4	81.9	74.9	67.5
-57.5°	125.5	120.1	114.8	109.6	104.5	98.0	90.9	83.6	75.9	68.8	61.9
-60°	116.9	112.2	107.0	102.0	97.2	91.4	83.7	76.2	69.1	62.4	55.6
-62.5°	106.2	101.6	97.2	92.3	87.2	81.5	74.5	67.6	61.4	55.6	49.6
-65°	94.0	89.8	85.5	80.7	75.4	69.5	63.5	58.4	53.7	48.7	43.4
-67.5°	81.5	77.7	73.3	68.4	63.8	59.1	54.8	50.5	46.1	41.5	36.7
-70°	70.2	67.1	63.5	59.3	54.9	50.5	46.4	42.4	38.3	34.5	30.8
-72.5°	59.4	56.6	53.3	49.5	45.6	41.9	38.5	35.2	32.0	28.8	25.5
-75°	48.4	46.0	43.4	40.3	37.2	34.1	31.2	28.6	25.8	23.1	20.3
-77.5°	38.1	36.4	34.6	32.1	29.6	27.2	24.7	22.4	20.1	18.1	16.1
-80°	28.9	27.6	26.1	24.2	22.2	20.3	18.4	16.7	15.2	13.8	12.5
-82.5°	20.1	19.1	18.0	16.6	15.2	13.9	12.5	11.5	10.6	9.6	8.7
-85°	12.1	11.5	10.9	10.1	9.4	8.7	8.0	7.4	6.9	6.3	5.7
-87.5°	5.7	5.3	4.9	4.8	4.7	4.6	4.4	4.0	3.6	3.3	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



REPORT NUMBER: P626728 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA1D-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	0.1	0.0	0.0
72.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.3	0.3	0.1
70°	0.0	0.0	0.0	0.1	0.1	0.0	0.0	0.2	0.5	0.6	0.4
67.5°	0.0	0.0	0.0	0.3	0.5	0.4	0.1	0.2	0.6	0.9	0.8
65°	0.5	0.3	0.0	0.4	0.7	0.9	0.7	0.4	0.6	0.9	1.2
62.5°	0.8	1.1	0.8	0.6	0.8	1.1	1.3	0.9	0.7	1.0	1.3
60°	0.9	1.3	1.4	1.1	1.0	1.2	1.4	1.3	1.0	1.1	1.4
57.5°	2.4	1.6	1.6	1.5	1.3	1.3	1.4	1.4	1.2	1.2	1.4
55°	4.5	3.3	2.3	1.9	1.6	1.4	1.4	1.4	1.4	1.3	1.4
52.5°	7.7	5.6	4.1	2.8	2.1	1.6	1.6	1.4	1.4	1.4	1.4
50°	12.3	8.8	6.5	4.7	2.9	2.3	1.8	1.6	1.4	1.4	1.4
47.5°	18.0	13.2	9.4	6.8	4.8	3.1	2.4	1.9	1.4	1.4	1.4
45°	22.1	18.4	13.1	9.5	6.7	4.6	3.3	2.2	1.7	1.4	1.4
42.5°	26.3	22.9	17.9	12.2	9.2	6.4	4.1	3.0	2.1	1.5	1.4
40°	31.6	27.3	22.4	16.6	12.0	8.1	5.6	3.9	2.5	1.8	1.6
37.5°	37.0	32.2	26.9	20.9	15.1	10.7	7.1	4.7	3.1	2.2	1.7
35°	43.1	37.4	31.4	25.0	18.8	13.4	8.6	5.8	4.0	2.7	1.8
32.5°	49.3	42.3	35.5	28.9	22.3	16.2	10.7	7.2	4.8	3.2	2.0
30°	55.3	47.3	39.3	32.7	25.6	19.2	13.2	8.8	5.6	3.8	2.3
27.5°	60.7	52.1	43.0	36.1	28.9	22.0	15.8	10.4	6.4	4.3	2.7
25°	66.4	56.9	47.3	39.1	32.0	24.8	18.2	12.2	7.5	5.0	3.1
22.5°	72.9	61.8	51.4	41.8	35.3	27.6	20.5	14.3	8.9	5.6	3.6
20°	79.8	66.7	55.5	45.6	38.3	30.4	22.8	16.2	10.3	6.2	4.0
17.5°	87.0	72.0	60.4	50.0	41.4	33.0	25.0	17.9	11.7	6.7	4.4
15°	91.8	77.4	64.9	54.2	44.4	35.5	27.1	19.5	13.0	7.2	4.8
12.5°	95.8	82.0	68.8	58.0	47.4	37.7	29.0	20.9	14.4	7.9	5.2
10°	99.4	85.9	72.2	61.4	50.3	39.7	30.8	22.2	15.6	8.8	5.6
7.5°	102.5	89.1	75.1	64.6	53.0	41.7	32.2	23.3	16.7	9.7	6.0
5°	105.1	91.9	77.6	66.6	55.6	43.9	33.5	24.3	17.6	10.6	6.3
2.5°	107.1	94.4	79.7	68.1	57.8	45.8	34.5	25.1	18.4	11.4	6.6
0°	108.6	96.4	81.4	69.2	59.7	47.5	35.3	25.8	19.0	12.2	6.8
-2.5°	109.6	96.7	83.3	70.5	60.8	48.9	37.0	26.7	19.5	12.9	7.2
-5°	110.0	96.6	84.7	71.5	61.7	50.0	38.3	27.4	19.9	13.5	7.6
-7.5°	110.6	97.1	85.5	72.3	62.2	50.9	39.4	27.9	20.2	14.0	7.9
-10°	110.8	97.6	85.7	73.2	62.7	51.5	40.1	28.3	20.4	14.4	8.2
-12.5°	110.5	97.5	85.6	73.8	62.9	51.9	40.5	28.8	20.6	14.6	8.4
-15°	109.6	96.9	85.4	73.8	62.9	52.1	40.6	29.3	21.0	14.6	8.7
-17.5°	108.3	95.8	85.1	73.4	62.6	52.0	40.4	29.5	21.2	14.5	8.9
-20°	106.9	94.8	84.6	72.4	62.1	51.7	40.1	29.5	21.2	14.3	9.0

Classified

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

Scaled Data Report



REPORT NUMBER: P626728 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA1D-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°	105.2	93.8	83.1	71.4	61.5	51.2	39.5	29.1	21.0	14.0	9.2
-25°	103.0	92.4	81.4	70.6	60.6	50.3	38.8	28.5	20.5	13.6	9.2
-27.5°	100.7	90.4	79.6	69.6	59.4	49.1	38.0	27.9	19.8	13.0	9.2
-30°	98.1	88.1	78.0	68.1	57.8	47.4	36.7	27.0	19.1	12.7	9.1
-32.5°	95.3	85.9	76.2	65.9	55.7	45.6	35.2	25.7	18.2	12.6	9.0
-35°	92.4	83.4	74.1	63.2	53.5	43.6	33.6	24.0	17.3	12.3	8.8
-37.5°	89.1	80.3	70.6	60.3	51.1	41.5	32.0	23.1	16.2	12.0	8.7
-40°	85.3	76.5	66.6	57.6	48.6	39.2	30.4	22.3	15.5	11.5	8.5
-42.5°	81.0	72.2	63.4	54.8	46.0	37.3	28.7	21.2	15.2	11.1	8.2
-45°	76.6	68.4	60.3	51.9	43.3	35.2	27.3	20.0	14.7	10.8	8.0
-47.5°	72.5	65.1	57.1	48.7	41.0	33.2	25.7	19.3	14.1	10.4	7.7
-50°	69.0	61.5	53.5	45.6	38.3	31.1	24.0	18.3	13.5	10.0	7.4
-52.5°	65.0	57.4	49.6	42.1	35.4	28.7	22.5	17.1	12.8	9.5	7.0
-55°	60.2	52.7	45.2	38.7	32.4	26.5	20.8	15.8	11.8	9.0	6.5
-57.5°	54.7	47.4	41.2	35.3	29.4	24.0	18.9	14.3	11.0	8.3	6.0
-60°	49.0	43.0	37.4	31.6	26.2	21.3	16.7	12.8	10.1	7.6	5.4
-62.5°	43.9	38.4	32.9	27.6	22.9	18.5	14.5	11.7	9.2	6.9	4.8
-65°	38.2	33.0	28.1	23.7	19.5	15.8	13.0	10.5	8.1	6.0	4.2
-67.5°	32.0	27.9	23.8	19.8	16.7	14.0	11.5	9.1	7.0	5.1	3.9
-70°	27.0	23.2	19.8	17.0	14.4	12.0	9.8	7.7	5.8	4.6	3.5
-72.5°	22.3	19.4	16.7	14.3	12.0	9.9	8.0	6.3	5.1	4.0	3.1
-75°	17.8	15.6	13.5	11.4	9.6	7.9	6.6	5.3	4.3	3.4	2.7
-77.5°	14.3	12.3	10.4	8.9	7.8	6.6	5.4	4.3	3.5	2.9	2.3
-80°	11.0	9.6	8.5	7.5	6.4	5.3	4.4	3.6	3.1	2.5	2.0
-82.5°	7.9	7.2	6.6	6.0	5.1	4.4	3.7	3.0	2.6	2.1	1.5
-85°	5.4	5.0	4.8	4.5	3.9	3.4	2.8	2.3	1.8	1.4	1.0
-87.5°	2.8	2.6	2.5	2.3	2.0	1.7	1.4	1.1	0.9	0.7	0.5
-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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REPORT NUMBER: P626728 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA1D-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	0.0	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	0.1	0.0
80°	0.0	0.0	0.0	0.0	0.0	0.1	0.0
77.5°	0.0	0.0	0.0	0.0	0.0	0.2	0.0
75°	0.0	0.1	0.0	0.0	0.0	0.2	0.0
72.5°	0.1	0.2	0.2	0.0	0.0	0.2	0.0
70°	0.2	0.3	0.3	0.0	0.1	0.3	0.0
67.5°	0.5	0.4	0.4	0.2	0.1	0.3	0.0
65°	0.8	0.6	0.6	0.3	0.1	0.3	0.0
62.5°	1.1	0.8	0.7	0.4	0.1	0.4	0.0
60°	1.4	1.0	0.9	0.6	0.2	0.4	0.0
57.5°	1.4	1.1	1.0	0.7	0.3	0.4	0.0
55°	1.4	1.3	1.1	0.9	0.4	0.5	0.0
52.5°	1.4	1.4	1.2	1.0	0.5	0.5	0.0
50°	1.4	1.4	1.2	1.2	0.6	0.6	0.0
47.5°	1.4	1.4	1.3	1.3	0.7	0.6	0.0
45°	1.4	1.4	1.3	1.4	0.8	0.6	0.0
42.5°	1.4	1.4	1.4	1.4	0.9	0.7	0.0
40°	1.4	1.4	1.4	1.4	1.0	0.7	0.0
37.5°	1.4	1.4	1.4	1.4	1.0	0.8	0.0
35°	1.4	1.4	1.4	1.4	1.1	0.8	0.0
32.5°	1.4	1.4	1.4	1.4	1.2	0.9	0.0
30°	1.6	1.4	1.4	1.4	1.2	0.9	0.0
27.5°	1.7	1.4	1.4	1.4	1.3	1.0	0.0
25°	1.9	1.4	1.4	1.4	1.3	1.0	0.0
22.5°	2.0	1.4	1.4	1.4	1.3	1.0	0.0
20°	2.2	1.5	1.4	1.4	1.3	1.1	0.0
17.5°	2.4	1.6	1.4	1.4	1.4	1.1	0.0
15°	2.7	1.8	1.4	1.4	1.4	1.2	0.0
12.5°	3.0	1.9	1.4	1.4	1.4	1.2	0.0
10°	3.2	2.1	1.4	1.4	1.4	1.3	0.0
7.5°	3.5	2.2	1.4	1.4	1.4	1.3	0.0
5°	3.7	2.4	1.4	1.4	1.4	1.3	0.0
2.5°	3.9	2.6	1.4	1.4	1.4	1.4	0.0
0°	4.1	2.7	1.4	1.4	1.4	1.4	0.0
-2.5°	4.5	2.8	1.5	1.4	1.4	1.4	0.0
-5°	4.8	3.0	1.6	1.4	1.4	1.4	0.0
-7.5°	5.1	3.1	1.7	1.4	1.4	1.4	0.0
-10°	5.3	3.2	1.8	1.4	1.4	1.4	0.0
-12.5°	5.6	3.3	1.9	1.4	1.4	1.4	0.0
-15°	5.7	3.4	2.0	1.4	1.4	1.4	0.0
-17.5°	5.9	3.4	2.0	1.4	1.4	1.3	0.0
-20°	5.9	3.5	2.1	1.4	1.4	1.3	0.0

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CATALOG NUMBER: GFLD-SA1D-730-U-NR-VSR-XX

CANDELA DISTRIBUTION (continued):

	75°	77.5°	80°	82.5°	85°	87.5°	90°
-22.5°	6.0	3.5	2.1	1.4	1.4	1.3	0.0
-25°	6.0	3.6	2.1	1.4	1.4	1.3	0.0
-27.5°	6.0	3.7	2.1	1.4	1.4	1.2	0.0
-30°	6.0	3.7	2.0	1.4	1.4	1.2	0.0
-32.5°	5.9	3.8	2.0	1.4	1.4	1.2	0.0
-35°	5.9	3.8	2.0	1.4	1.4	1.1	0.0
-37.5°	5.9	3.7	1.9	1.4	1.4	1.1	0.0
-40°	5.8	3.7	1.9	1.4	1.4	1.1	0.0
-42.5°	5.7	3.6	1.9	1.4	1.4	1.0	0.0
-45°	5.5	3.4	1.9	1.4	1.4	1.0	0.0
-47.5°	5.3	3.2	1.9	1.5	1.4	0.9	0.0
-50°	5.0	3.0	2.0	1.5	1.4	0.9	0.0
-52.5°	4.7	2.8	2.0	1.5	1.4	0.9	0.0
-55°	4.4	2.7	1.9	1.5	1.4	0.8	0.0
-57.5°	4.0	2.7	1.9	1.5	1.4	0.8	0.0
-60°	3.5	2.6	1.9	1.5	1.4	0.7	0.0
-62.5°	3.4	2.4	1.8	1.5	1.3	0.6	0.0
-65°	3.1	2.3	1.8	1.5	1.2	0.6	0.0
-67.5°	2.9	2.2	1.7	1.4	1.1	0.5	0.0
-70°	2.6	2.0	1.6	1.4	1.0	0.5	0.0
-72.5°	2.4	1.8	1.5	1.3	0.8	0.4	0.0
-75°	2.1	1.7	1.4	1.1	0.7	0.4	0.0
-77.5°	1.8	1.5	1.2	0.9	0.6	0.3	0.0
-80°	1.4	1.2	1.0	0.7	0.5	0.2	0.0
-82.5°	1.1	0.9	0.7	0.5	0.4	0.2	0.0
-85°	0.7	0.6	0.5	0.4	0.2	0.1	0.0
-87.5°	0.4	0.3	0.2	0.2	0.1	0.1	0.0
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0

(END OF REPORT)