

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: P626755 (CONVERTED FROM TYPE C PHOTOMETRY)

Luminaire Tested: **GFLD-SA1D-750-U-MR-XX**

Issue Date: 12/7/2022

Test Information

Test Method: LM-79-08
Report Number: P626755 (CONVERTED FROM TYPE C PHOTOMETRY)
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G2-2210-813-13)
Test Lab: COOPER LIGHTING SOLUTIONS
Issue Date: 12/7/2022
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: MCGRAW-EDISON
Catalog Number: GFLD-SA1D-750-U-MR-XX
Description: GALLEON FLOOD, ONE LIGHT SQAURE, MEDIUM SYMMETRICAL ROUND N32
Light Source: (16) 5000K CCT, 70 CRI LEDS
Ballast/Driver: -

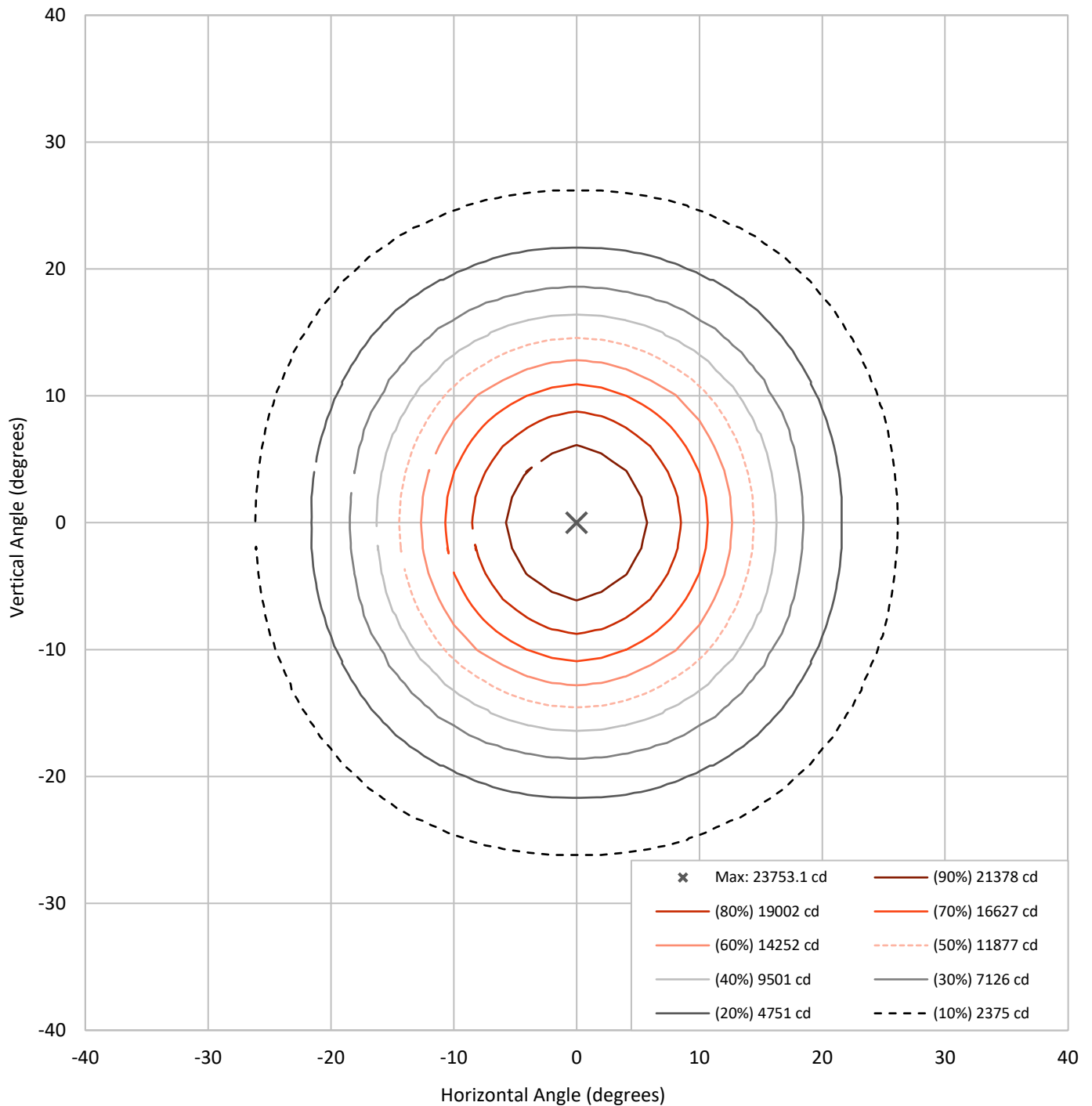
Summary

Lumens per Lamp:	N/A	NEMA Type:	4H x 4V
Luminaire Lumens:	7421.3 lumens	Max Intensity:	23753.1 candela
Efficiency:	N/A	Max Intensity Angle:	0°H x 0°V
Efficacy:	129.5 lumens/watt		
Luminous Opening:	Rectangular (W 0.5' x L: 0.5' x H: 0')		
Beam Angle (50%):	28.8°H x 29°V	Field Angle (10%):	52.3°H x 52.3°V
Beam Lumens:	3608.1 lumens	Field Lumens:	6089.1 lumens
Beam Efficiency:	48.6%	Field Efficiency:	82.0%
Input Watts (W):	57.3		
Input Voltage (V):	120		
Input Current (Ain):	NR		
Voltage Rise (V):	NR		
Power Factor:	NR		
Total Harmonic Distortion (THDi):	NR		
Frequency (hertz):	60		
Stabilization Time:	NR		
Operation Time:	NR		
Ambient Temperature (°C):	NR		
Test Distance:	25 FT		



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Iso-Candela Plot





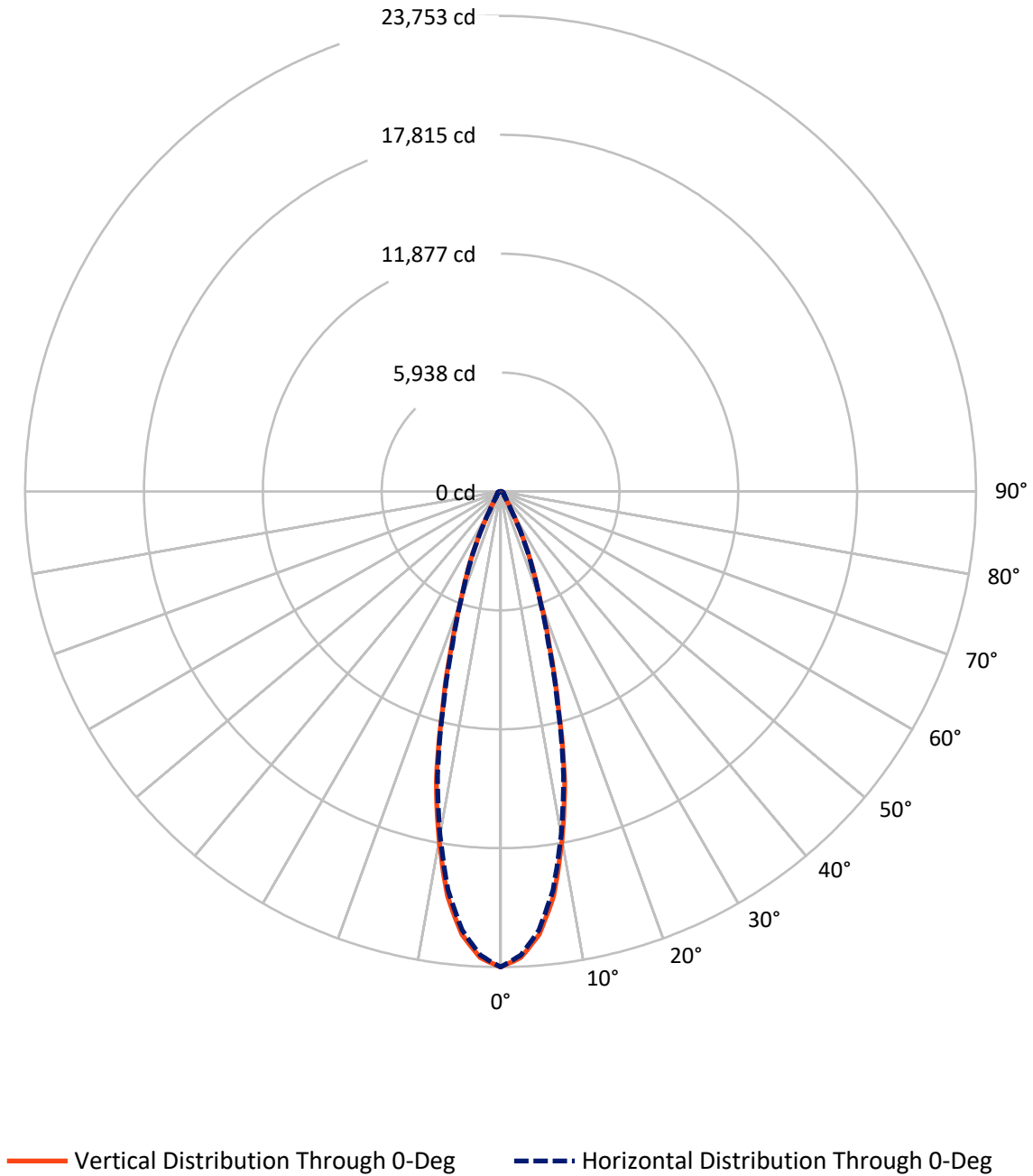
REPORT NUMBER: P626755 (CONVERTED FROM TYPE C PHOTOMETRY)
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Lumen Table

90	0.1	1.2	3.2	5.1	5.7	5.1	3.2	1.2	0.1										
80	0.1	1.2	3.2	5.1	5.7	5.1	3.2	1.2	0.1										
70	0.6	0.6	1.3	2.1	2.9	3.6	4.0	4.2	4.2	4.0	3.6	2.9	2.1	1.3	0.6	0.6			
60		1.0	1.9	3.1	4.1	5.1	5.7	5.9	5.9	5.7	5.1	4.1	3.1	1.9	1.0				
50	1.0	1.2	2.5	3.8	5.1	6.4	7.6	8.1	8.1	7.6	6.4	5.1	3.8	2.5	1.2	1.0			
40		1.4	2.9	4.4	6.2	8.9	12.9	16.7	16.7	12.9	8.9	6.2	4.4	2.9	1.4				
30	1.3	1.6	3.2	5.0	8.0	17.4	48.8	86.6	86.6	48.8	17.4	8.0	5.0	3.2	1.6	1.3			
20		1.7	3.3	5.4	10.9	45.5	162.3	311.1	311.1	162.3	45.5	10.9	5.4	3.3	1.7				
10	1.3	1.8	3.4	5.7	13.8	78.6	300.5	591.0	591.0	300.5	78.6	13.8	5.7	3.4	1.8	1.3			
0		1.8	3.4	5.7	13.8	78.6	300.5	591.0	591.0	300.5	78.6	13.8	5.7	3.4	1.8				
-10	1.3	1.7	3.3	5.4	10.9	45.5	162.3	311.1	311.1	162.3	45.5	10.9	5.4	3.3	1.7	1.3			
-20		1.6	3.2	5.0	8.0	17.4	48.8	86.6	86.6	48.8	17.4	8.0	5.0	3.2	1.6				
-30	1.0	1.4	2.9	4.4	6.2	8.9	12.9	16.7	16.7	12.9	8.9	6.2	4.4	2.9	1.4	1.0			
-40		1.2	2.5	3.8	5.1	6.4	7.6	8.1	8.1	7.6	6.4	5.1	3.8	2.5	1.2				
-50	0.6	1.0	1.9	3.1	4.1	5.1	5.7	5.9	5.9	5.7	5.1	4.1	3.1	1.9	1.0	0.6			
-60		0.6	1.3	2.1	2.9	3.6	4.0	4.2	4.2	4.0	3.6	2.9	2.1	1.3	0.6				
-70	0.1	1.2	3.2	5.1	5.7	5.1	3.2	1.2	0.1										
-80		0.1	1.2	3.2	5.1	5.7	5.1	3.2	1.2	0.1									
-90	0.1	1.2	3.2	5.1	5.7	5.1	3.2	1.2	0.1										
	-90	-80	-70	-60	-50	-40	-30	-20	-10	0	10	20	30	40	50	60	70	80	90

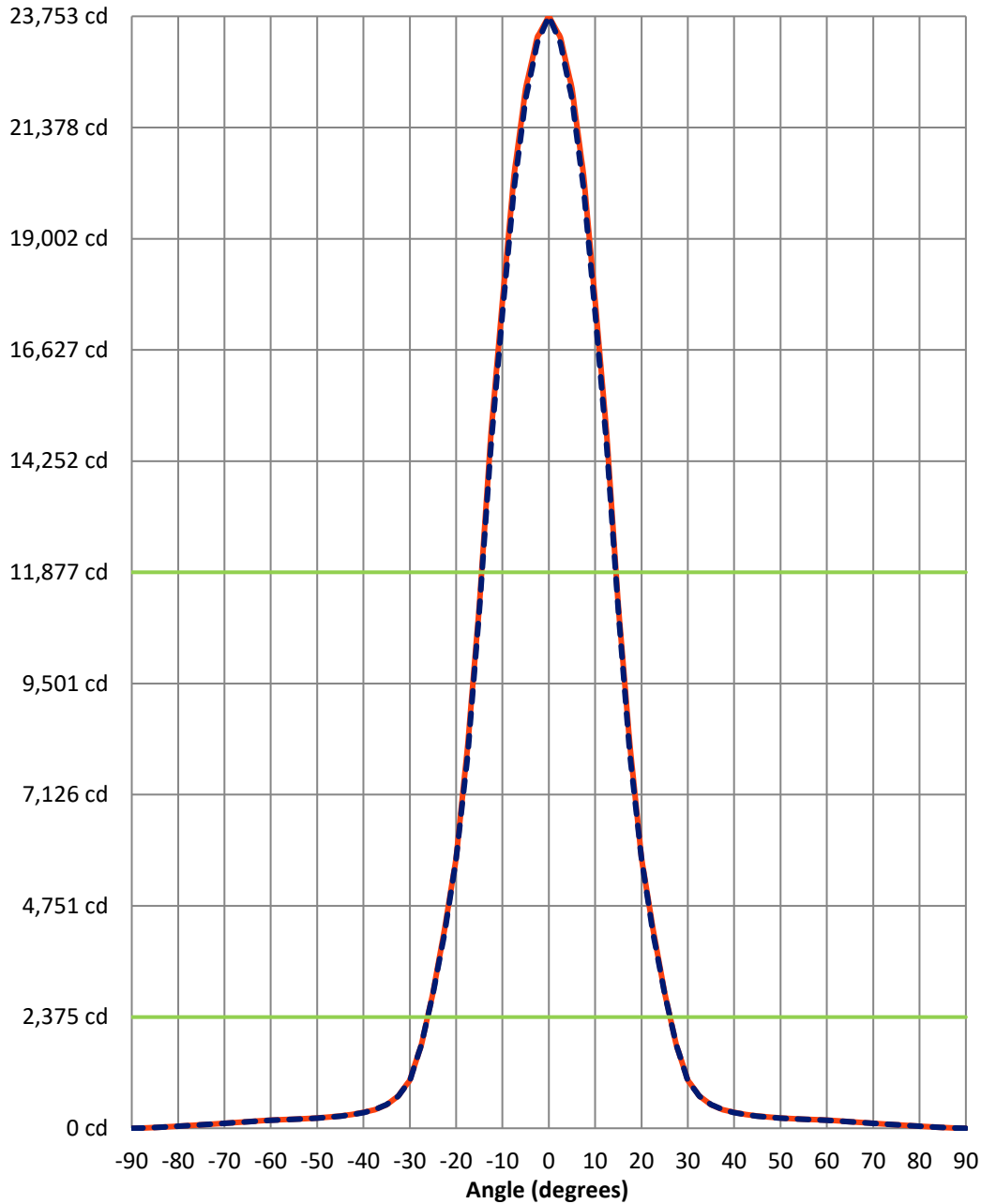
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Luminous Intensity Polar Plot



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Luminous Intensity Plot



Beam:
 H Angle: 28.8°
 V Angle: 29°
 Lumens: 3608.1
 Efficiency: 48.6%

Field:
 H Angle: 52.3°
 V Angle: 52.3°
 Lumens: 6089.1
 Efficiency: 82.0%

Spill:
 Lumens: 1332.3
 Efficiency: 18.0%

- 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	0.3	0.5	0.8	1.1	1.3	1.6	1.8	2.1	2.3	2.6
85°	0.0	0.5	1.1	1.6	2.1	2.6	3.2	3.7	4.2	4.7	5.2
82.5°	0.0	0.8	1.6	2.4	3.2	4.0	4.7	5.5	6.4	7.8	9.3
80°	0.0	1.1	2.1	3.2	4.2	5.3	6.4	8.3	10.2	12.3	14.4
77.5°	0.0	1.3	2.6	4.0	5.3	6.9	9.1	11.5	14.0	16.7	19.6
75°	0.0	1.6	3.2	4.7	6.4	9.1	11.8	14.7	17.9	21.6	25.2
72.5°	0.0	1.8	3.7	5.5	8.2	11.4	14.5	18.1	22.4	26.6	30.8
70°	0.0	2.1	4.2	6.4	10.0	13.6	17.2	22.0	26.8	31.6	36.8
67.5°	0.0	2.3	4.7	7.7	11.7	15.7	20.5	25.8	31.2	37.0	42.8
65°	0.0	2.6	5.2	8.9	13.4	18.2	23.8	29.6	35.9	42.4	48.9
62.5°	0.0	2.8	5.6	10.2	15.1	20.8	27.0	33.5	40.6	47.7	55.1
60°	0.0	3.0	6.1	11.4	16.7	23.4	30.1	37.5	45.2	53.0	61.1
57.5°	0.0	3.3	6.9	12.6	18.7	26.0	33.4	41.4	49.7	58.2	67.1
55°	0.0	3.5	7.7	13.8	20.7	28.5	36.6	45.2	54.1	63.3	73.0
52.5°	0.0	3.7	8.4	14.9	22.7	30.9	39.7	48.9	58.3	68.5	78.8
50°	0.0	3.9	9.1	16.0	24.5	33.4	42.7	52.5	62.5	73.5	84.1
47.5°	0.0	4.1	9.8	17.1	26.3	35.7	45.6	55.9	66.8	78.3	89.1
45°	0.0	4.3	10.5	18.4	28.1	37.9	48.4	59.3	70.9	82.5	93.8
42.5°	0.0	4.5	11.2	19.7	29.7	40.1	51.1	62.6	74.8	86.5	98.1
40°	0.0	4.7	11.8	20.8	31.3	42.1	53.7	65.8	78.4	90.2	102.3
37.5°	0.0	4.8	12.4	21.9	32.8	44.0	56.2	68.8	81.6	93.8	106.2
35°	0.0	5.0	12.9	22.9	34.2	45.8	58.5	71.6	84.5	97.2	109.8
32.5°	0.0	5.1	13.4	23.9	35.6	47.6	60.7	74.2	87.3	100.4	113.4
30°	0.0	5.3	13.9	24.7	36.8	49.3	62.7	76.5	89.9	103.3	116.7
27.5°	0.0	5.4	14.4	25.5	37.9	50.9	64.6	78.6	92.3	106.0	119.7
25°	0.0	5.5	14.8	26.2	38.9	52.3	66.3	80.5	94.5	108.5	122.5
22.5°	0.0	5.6	15.2	26.9	39.9	53.6	67.8	82.2	96.5	110.7	125.3
20°	0.0	5.7	15.5	27.4	40.8	54.7	69.1	83.7	98.2	112.7	127.7
17.5°	0.0	5.8	15.8	27.9	41.5	55.6	70.4	85.0	99.7	114.4	129.9
15°	0.0	5.9	16.1	28.3	42.2	56.4	71.5	86.2	101.0	115.9	131.7
12.5°	0.0	6.0	16.3	28.6	42.8	57.0	72.4	87.4	102.2	117.1	133.2
10°	0.0	6.0	16.5	28.8	43.3	57.5	73.2	88.3	103.3	118.5	134.6
7.5°	0.0	6.0	16.6	29.0	43.7	57.8	73.9	89.1	104.1	119.8	136.1
5°	0.0	6.1	16.7	29.1	44.0	58.0	74.3	89.6	104.7	120.8	137.3
2.5°	0.0	6.1	16.8	29.1	44.1	58.0	74.6	89.9	105.1	121.5	138.2
0°	0.0	6.1	16.8	29.0	44.2	57.9	74.7	90.0	105.2	122.0	138.7
-2.5°	0.0	6.1	16.8	29.1	44.1	58.0	74.6	89.9	105.1	121.5	138.2
-5°	0.0	6.1	16.7	29.1	44.0	58.0	74.3	89.6	104.7	120.8	137.3
-7.5°	0.0	6.0	16.6	29.0	43.7	57.8	73.9	89.1	104.1	119.8	136.1
-10°	0.0	6.0	16.5	28.8	43.3	57.5	73.2	88.3	103.3	118.5	134.6
-12.5°	0.0	6.0	16.3	28.6	42.8	57.0	72.4	87.4	102.2	117.1	133.2
-15°	0.0	5.9	16.1	28.3	42.2	56.4	71.5	86.2	101.0	115.9	131.7
-17.5°	0.0	5.8	15.8	27.9	41.5	55.6	70.4	85.0	99.7	114.4	129.9
-20°	0.0	5.7	15.5	27.4	40.8	54.7	69.1	83.7	98.2	112.7	127.7

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CANDELA DISTRIBUTION (continued):

	-90°	-87.5°	-85°	-82.5°	-80°	-77.5°	-75°	-72.5°	-70°	-67.5°	-65°
-22.5°	0.0	5.6	15.2	26.9	39.9	53.6	67.8	82.2	96.5	110.7	125.3
-25°	0.0	5.5	14.8	26.2	38.9	52.3	66.3	80.5	94.5	108.5	122.5
-27.5°	0.0	5.4	14.4	25.5	37.9	50.9	64.6	78.6	92.3	106.0	119.7
-30°	0.0	5.3	13.9	24.7	36.8	49.3	62.7	76.5	89.9	103.3	116.7
-32.5°	0.0	5.1	13.4	23.9	35.6	47.6	60.7	74.2	87.3	100.4	113.4
-35°	0.0	5.0	12.9	22.9	34.2	45.8	58.5	71.6	84.5	97.2	109.8
-37.5°	0.0	4.8	12.4	21.9	32.8	44.0	56.2	68.8	81.6	93.8	106.2
-40°	0.0	4.7	11.8	20.8	31.3	42.1	53.7	65.8	78.4	90.2	102.3
-42.5°	0.0	4.5	11.2	19.7	29.7	40.1	51.1	62.6	74.8	86.5	98.1
-45°	0.0	4.3	10.5	18.4	28.1	37.9	48.4	59.3	70.9	82.5	93.8
-47.5°	0.0	4.1	9.8	17.1	26.3	35.7	45.6	55.9	66.8	78.3	89.1
-50°	0.0	3.9	9.1	16.0	24.5	33.4	42.7	52.5	62.5	73.5	84.1
-52.5°	0.0	3.7	8.4	14.9	22.7	30.9	39.7	48.9	58.3	68.5	78.8
-55°	0.0	3.5	7.7	13.8	20.7	28.5	36.6	45.2	54.1	63.3	73.0
-57.5°	0.0	3.3	6.9	12.6	18.7	26.0	33.4	41.4	49.7	58.2	67.1
-60°	0.0	3.0	6.1	11.4	16.7	23.4	30.1	37.5	45.2	53.0	61.1
-62.5°	0.0	2.8	5.6	10.2	15.1	20.8	27.0	33.5	40.6	47.7	55.1
-65°	0.0	2.6	5.2	8.9	13.4	18.2	23.8	29.6	35.9	42.4	48.9
-67.5°	0.0	2.3	4.7	7.7	11.7	15.7	20.5	25.8	31.2	37.0	42.8
-70°	0.0	2.1	4.2	6.4	10.0	13.6	17.2	22.0	26.8	31.6	36.8
-72.5°	0.0	1.8	3.7	5.5	8.2	11.4	14.5	18.1	22.4	26.6	30.8
-75°	0.0	1.6	3.2	4.7	6.4	9.1	11.8	14.7	17.9	21.6	25.2
-77.5°	0.0	1.3	2.6	4.0	5.3	6.9	9.1	11.5	14.0	16.7	19.6
-80°	0.0	1.1	2.1	3.2	4.2	5.3	6.4	8.3	10.2	12.3	14.4
-82.5°	0.0	0.8	1.6	2.4	3.2	4.0	4.7	5.5	6.4	7.8	9.3
-85°	0.0	0.5	1.1	1.6	2.1	2.6	3.2	3.7	4.2	4.7	5.2
-87.5°	0.0	0.3	0.5	0.8	1.1	1.3	1.6	1.8	2.1	2.3	2.6
-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°	2.8	3.0	3.3	3.5	3.7	3.9	4.1	4.3	4.5	4.7	4.8
85°	5.6	6.1	7.0	7.9	8.7	9.6	10.4	11.1	11.9	12.6	13.2
82.5°	10.8	12.2	13.5	14.9	16.1	17.4	18.6	19.7	20.8	21.9	22.9
80°	16.3	18.2	20.1	21.8	23.5	25.2	26.8	28.3	29.8	31.4	33.0
77.5°	22.2	24.6	26.8	28.8	30.9	33.5	36.0	38.4	40.7	42.9	45.0
75°	28.3	31.0	34.0	36.9	40.0	43.1	46.1	49.1	51.9	54.8	57.7
72.5°	34.7	38.4	42.0	45.5	49.3	53.1	56.6	59.8	63.4	67.4	71.0
70°	41.5	45.8	50.3	54.8	59.2	63.4	67.7	72.1	76.4	80.7	84.7
67.5°	48.4	53.7	58.9	64.0	69.0	74.1	79.2	84.4	89.5	94.3	99.0
65°	55.6	61.6	67.4	73.2	78.7	84.9	90.9	96.8	103.2	109.1	114.2
62.5°	62.7	69.4	75.9	82.3	89.1	95.9	102.9	110.2	117.8	123.3	128.0
60°	69.5	77.1	84.3	91.7	99.2	106.9	114.9	122.8	129.7	135.7	140.7
57.5°	76.1	84.6	92.6	100.6	108.8	117.6	126.5	134.5	140.9	146.7	152.1
55°	82.6	92.0	100.5	109.0	118.3	128.6	137.7	144.9	151.5	156.2	161.5
52.5°	88.7	98.8	107.6	117.2	127.9	138.5	147.6	154.6	160.1	165.0	170.1
50°	94.6	104.7	114.5	125.4	136.7	147.4	156.5	163.0	168.5	173.7	178.5
47.5°	99.9	110.4	121.5	133.2	144.9	155.5	164.3	170.8	176.6	181.9	187.3
45°	104.9	116.2	128.0	140.8	152.8	163.3	171.3	178.3	183.9	189.8	196.6
42.5°	109.7	121.7	134.6	148.2	160.5	170.0	177.8	184.6	191.0	198.2	205.7
40°	114.4	126.9	140.9	155.1	167.6	176.0	183.7	190.9	198.3	206.4	214.6
37.5°	118.8	132.2	146.7	161.6	172.9	181.5	189.6	197.6	205.9	214.6	224.8
35°	122.8	137.1	152.3	166.7	177.6	187.0	195.6	204.2	213.5	224.2	235.5
32.5°	126.7	141.6	157.5	171.0	181.8	191.9	201.3	211.1	221.8	233.6	246.3
30°	130.6	146.0	162.1	175.4	185.6	195.9	207.0	217.9	229.8	242.8	257.8
27.5°	134.3	150.0	165.8	178.8	188.9	199.4	211.3	224.6	237.5	251.7	269.3
25°	137.7	154.1	169.6	181.5	191.8	202.7	215.1	229.3	244.5	261.5	282.9
22.5°	141.0	157.9	173.1	183.9	194.1	205.6	219.0	234.0	250.5	270.2	296.4
20°	144.0	160.8	175.5	186.0	196.1	208.0	222.3	238.1	257.0	280.9	312.2
17.5°	146.7	163.3	177.2	187.8	198.2	210.4	225.2	241.6	262.9	290.3	327.3
15°	148.9	165.3	178.6	189.1	199.9	212.8	228.1	246.0	269.3	299.5	340.4
12.5°	150.8	166.9	179.8	190.1	201.3	214.7	230.6	250.2	275.7	309.6	358.1
10°	152.2	168.0	180.7	190.7	202.2	215.9	232.5	253.5	280.8	317.9	373.1
7.5°	153.7	169.1	181.4	191.0	202.8	216.5	233.9	255.8	284.6	324.2	385.2
5°	154.7	170.0	181.8	191.5	203.2	216.8	234.8	257.2	287.0	328.4	393.7
2.5°	155.3	170.6	181.8	191.9	203.2	216.9	235.9	258.0	289.6	331.9	398.6
0°	155.5	170.8	181.4	192.1	202.8	216.5	236.3	257.7	291.2	333.9	399.5
-2.5°	155.3	170.6	181.8	191.9	203.2	216.9	235.9	258.0	289.6	331.9	398.6
-5°	154.7	170.0	181.8	191.5	203.2	216.8	234.8	257.2	287.0	328.4	393.7
-7.5°	153.7	169.1	181.4	191.0	202.8	216.5	233.9	255.8	284.6	324.2	385.2
-10°	152.2	168.0	180.7	190.7	202.2	215.9	232.5	253.5	280.8	317.9	373.1
-12.5°	150.8	166.9	179.8	190.1	201.3	214.7	230.6	250.2	275.7	309.6	358.1
-15°	148.9	165.3	178.6	189.1	199.9	212.8	228.1	246.0	269.3	299.5	340.4
-17.5°	146.7	163.3	177.2	187.8	198.2	210.4	225.2	241.6	262.9	290.3	327.3
-20°	144.0	160.8	175.5	186.0	196.1	208.0	222.3	238.1	257.0	280.9	312.2

Classified

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

Scaled Data Report



REPORT NUMBER: P626755 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA1D-750-U-MR-XX

CANDELA DISTRIBUTION (continued):

	-62.5°	-60°	-57.5°	-55°	-52.5°	-50°	-47.5°	-45°	-42.5°	-40°	-37.5°
-22.5°	141.0	157.9	173.1	183.9	194.1	205.6	219.0	234.0	250.5	270.2	296.4
-25°	137.7	154.1	169.6	181.5	191.8	202.7	215.1	229.3	244.5	261.5	282.9
-27.5°	134.3	150.0	165.8	178.8	188.9	199.4	211.3	224.6	237.5	251.7	269.3
-30°	130.6	146.0	162.1	175.4	185.6	195.9	207.0	217.9	229.8	242.8	257.8
-32.5°	126.7	141.6	157.5	171.0	181.8	191.9	201.3	211.1	221.8	233.6	246.3
-35°	122.8	137.1	152.3	166.7	177.6	187.0	195.6	204.2	213.5	224.2	235.5
-37.5°	118.8	132.2	146.7	161.6	172.9	181.5	189.6	197.6	205.9	214.6	224.8
-40°	114.4	126.9	140.9	155.1	167.6	176.0	183.7	190.9	198.3	206.4	214.6
-42.5°	109.7	121.7	134.6	148.2	160.5	170.0	177.8	184.6	191.0	198.2	205.7
-45°	104.9	116.2	128.0	140.8	152.8	163.3	171.3	178.3	183.9	189.8	196.6
-47.5°	99.9	110.4	121.5	133.2	144.9	155.5	164.3	170.8	176.6	181.9	187.3
-50°	94.6	104.7	114.5	125.4	136.7	147.4	156.5	163.0	168.5	173.7	178.5
-52.5°	88.7	98.8	107.6	117.2	127.9	138.5	147.6	154.6	160.1	165.0	170.1
-55°	82.6	92.0	100.5	109.0	118.3	128.6	137.7	144.9	151.5	156.2	161.5
-57.5°	76.1	84.6	92.6	100.6	108.8	117.6	126.5	134.5	140.9	146.7	152.1
-60°	69.5	77.1	84.3	91.7	99.2	106.9	114.9	122.8	129.7	135.7	140.7
-62.5°	62.7	69.4	75.9	82.3	89.1	95.9	102.9	110.2	117.8	123.3	128.0
-65°	55.6	61.6	67.4	73.2	78.7	84.9	90.9	96.8	103.2	109.1	114.2
-67.5°	48.4	53.7	58.9	64.0	69.0	74.1	79.2	84.4	89.5	94.3	99.0
-70°	41.5	45.8	50.3	54.8	59.2	63.4	67.7	72.1	76.4	80.7	84.7
-72.5°	34.7	38.4	42.0	45.5	49.3	53.1	56.6	59.8	63.4	67.4	71.0
-75°	28.3	31.0	34.0	36.9	40.0	43.1	46.1	49.1	51.9	54.8	57.7
-77.5°	22.2	24.6	26.8	28.8	30.9	33.5	36.0	38.4	40.7	42.9	45.0
-80°	16.3	18.2	20.1	21.8	23.5	25.2	26.8	28.3	29.8	31.4	33.0
-82.5°	10.8	12.2	13.5	14.9	16.1	17.4	18.6	19.7	20.8	21.9	22.9
-85°	5.6	6.1	7.0	7.9	8.7	9.6	10.4	11.1	11.9	12.6	13.2
-87.5°	2.8	3.0	3.3	3.5	3.7	3.9	4.1	4.3	4.5	4.7	4.8
-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: P626755 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA1D-750-U-MR-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°	5.0	5.1	5.3	5.4	5.5	5.6	5.7	5.8	5.9	6.0	6.0
85°	13.9	14.5	15.0	15.5	16.0	16.1	16.2	16.2	16.1	16.3	16.5
82.5°	23.9	24.9	26.0	27.1	28.1	28.5	28.8	29.0	29.1	29.5	29.9
80°	34.6	36.3	37.9	39.3	40.5	41.4	42.2	42.9	43.6	43.9	44.1
77.5°	47.1	49.2	51.1	52.9	54.5	55.8	56.9	57.7	58.4	58.8	59.1
75°	60.6	63.2	65.5	67.7	69.7	71.0	72.0	72.7	73.2	73.7	74.1
72.5°	74.3	77.2	80.0	82.6	84.8	86.4	87.5	88.4	89.1	89.6	89.9
70°	88.6	92.1	95.2	97.8	99.8	101.3	102.5	103.5	104.2	104.7	105.0
67.5°	103.4	107.2	110.0	112.3	114.1	115.7	117.2	118.3	119.1	119.8	120.6
65°	118.5	122.4	125.3	127.7	129.6	131.7	133.6	135.0	136.0	136.8	137.7
62.5°	132.7	137.1	140.4	143.6	146.7	149.8	151.5	152.8	153.8	154.6	155.6
60°	145.6	150.5	154.6	158.5	162.4	166.3	167.9	169.1	170.3	171.5	172.4
57.5°	157.1	162.3	167.3	171.1	174.8	178.4	181.0	182.3	183.3	183.8	184.2
55°	167.0	172.3	177.3	181.6	185.7	189.4	192.2	193.5	194.5	195.2	195.6
52.5°	176.0	181.6	186.9	191.7	196.1	200.1	203.6	205.5	207.0	208.1	208.4
50°	184.7	190.8	196.6	201.8	206.8	211.6	216.1	218.7	220.5	221.6	222.0
47.5°	193.9	200.5	206.8	212.7	218.5	224.2	229.5	233.0	235.6	237.5	238.9
45°	203.5	210.6	217.5	224.5	231.2	238.5	245.2	250.3	254.1	257.4	260.0
42.5°	213.1	221.0	229.0	238.0	247.1	255.5	263.4	270.2	276.4	282.4	287.1
40°	223.5	232.2	243.1	253.8	264.9	274.7	286.3	296.7	306.2	316.5	325.0
37.5°	234.9	246.1	258.9	271.8	286.3	300.3	316.5	332.5	346.4	364.4	378.9
35°	247.3	261.5	276.6	293.9	312.6	334.7	357.4	384.0	406.5	435.1	461.6
32.5°	261.2	277.8	297.5	321.3	346.6	381.9	415.1	460.2	498.7	548.3	602.6
30°	275.3	296.8	323.6	354.3	396.9	447.2	505.7	581.9	664.2	749.5	864.3
27.5°	292.0	319.9	353.4	400.8	464.5	534.1	653.3	782.1	961.6	1103.6	1356.7
25°	310.0	344.5	393.9	462.6	550.8	691.5	892.8	1126.0	1485.0	1804.4	2171.5
22.5°	331.2	378.2	443.6	533.6	687.2	929.3	1243.6	1722.4	2254.7	2780.0	3260.2
20°	353.8	410.6	502.0	648.5	885.9	1235.9	1796.8	2481.0	3187.6	3907.6	4514.3
17.5°	380.1	457.2	577.7	772.3	1111.0	1710.2	2459.3	3329.3	4252.5	5171.2	5969.2
15°	402.7	498.0	660.3	951.7	1456.8	2206.3	3126.9	4225.7	5386.7	6579.0	7871.2
12.5°	431.6	547.2	745.3	1100.1	1763.6	2737.9	3864.3	5140.0	6557.7	8140.7	10155.4
10°	458.1	598.7	857.1	1337.7	2132.4	3234.4	4501.2	5948.5	7787.4	10166.4	12596.4
7.5°	479.3	639.6	943.9	1523.1	2441.7	3658.5	5074.6	6809.9	9104.1	11936.9	14713.4
5°	494.1	667.9	1006.0	1663.3	2690.5	3982.6	5481.6	7445.0	10213.9	13386.2	16221.1
2.5°	503.3	683.4	1036.3	1746.5	2852.8	4177.7	5735.5	7848.5	10894.1	14308.8	17179.1
0°	507.7	686.1	1017.0	1786.9	2875.6	4163.9	5758.8	7983.3	11055.5	14559.3	17418.1
-2.5°	503.3	683.4	1036.3	1746.5	2852.8	4177.7	5735.5	7848.5	10894.1	14308.8	17179.1
-5°	494.1	667.9	1006.0	1663.3	2690.5	3982.6	5481.6	7445.0	10213.9	13386.2	16221.1
-7.5°	479.3	639.6	943.9	1523.1	2441.7	3658.5	5074.6	6809.9	9104.1	11936.9	14713.4
-10°	458.1	598.7	857.1	1337.7	2132.4	3234.4	4501.2	5948.5	7787.4	10166.4	12596.4
-12.5°	431.6	547.2	745.3	1100.1	1763.6	2737.9	3864.3	5140.0	6557.7	8140.7	10155.4
-15°	402.7	498.0	660.3	951.7	1456.8	2206.3	3126.9	4225.7	5386.7	6579.0	7871.2
-17.5°	380.1	457.2	577.7	772.3	1111.0	1710.2	2459.3	3329.3	4252.5	5171.2	5969.2
-20°	353.8	410.6	502.0	648.5	885.9	1235.9	1796.8	2481.0	3187.6	3907.6	4514.3

Classified

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

Scaled Data Report



REPORT NUMBER: P626755 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA1D-750-U-MR-XX

CANDELA DISTRIBUTION (continued):

	-35°	-32.5°	-30°	-27.5°	-25°	-22.5°	-20°	-17.5°	-15°	-12.5°	-10°
-22.5°	331.2	378.2	443.6	533.6	687.2	929.3	1243.6	1722.4	2254.7	2780.0	3260.2
-25°	310.0	344.5	393.9	462.6	550.8	691.5	892.8	1126.0	1485.0	1804.4	2171.5
-27.5°	292.0	319.9	353.4	400.8	464.5	534.1	653.3	782.1	961.6	1103.6	1356.7
-30°	275.3	296.8	323.6	354.3	396.9	447.2	505.7	581.9	664.2	749.5	864.3
-32.5°	261.2	277.8	297.5	321.3	346.6	381.9	415.1	460.2	498.7	548.3	602.6
-35°	247.3	261.5	276.6	293.9	312.6	334.7	357.4	384.0	406.5	435.1	461.6
-37.5°	234.9	246.1	258.9	271.8	286.3	300.3	316.5	332.5	346.4	364.4	378.9
-40°	223.5	232.2	243.1	253.8	264.9	274.7	286.3	296.7	306.2	316.5	325.0
-42.5°	213.1	221.0	229.0	238.0	247.1	255.5	263.4	270.2	276.4	282.4	287.1
-45°	203.5	210.6	217.5	224.5	231.2	238.5	245.2	250.3	254.1	257.4	260.0
-47.5°	193.9	200.5	206.8	212.7	218.5	224.2	229.5	233.0	235.6	237.5	238.9
-50°	184.7	190.8	196.6	201.8	206.8	211.6	216.1	218.7	220.5	221.6	222.0
-52.5°	176.0	181.6	186.9	191.7	196.1	200.1	203.6	205.5	207.0	208.1	208.4
-55°	167.0	172.3	177.3	181.6	185.7	189.4	192.2	193.5	194.5	195.2	195.6
-57.5°	157.1	162.3	167.3	171.1	174.8	178.4	181.0	182.3	183.3	183.8	184.2
-60°	145.6	150.5	154.6	158.5	162.4	166.3	167.9	169.1	170.3	171.5	172.4
-62.5°	132.7	137.1	140.4	143.6	146.7	149.8	151.5	152.8	153.8	154.6	155.6
-65°	118.5	122.4	125.3	127.7	129.6	131.7	133.6	135.0	136.0	136.8	137.7
-67.5°	103.4	107.2	110.0	112.3	114.1	115.7	117.2	118.3	119.1	119.8	120.6
-70°	88.6	92.1	95.2	97.8	99.8	101.3	102.5	103.5	104.2	104.7	105.0
-72.5°	74.3	77.2	80.0	82.6	84.8	86.4	87.5	88.4	89.1	89.6	89.9
-75°	60.6	63.2	65.5	67.7	69.7	71.0	72.0	72.7	73.2	73.7	74.1
-77.5°	47.1	49.2	51.1	52.9	54.5	55.8	56.9	57.7	58.4	58.8	59.1
-80°	34.6	36.3	37.9	39.3	40.5	41.4	42.2	42.9	43.6	43.9	44.1
-82.5°	23.9	24.9	26.0	27.1	28.1	28.5	28.8	29.0	29.1	29.5	29.9
-85°	13.9	14.5	15.0	15.5	16.0	16.1	16.2	16.2	16.1	16.3	16.5
-87.5°	5.0	5.1	5.3	5.4	5.5	5.6	5.7	5.8	5.9	6.0	6.0
-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: P626755 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA1D-750-U-MR-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°	6.0	6.1	6.1	6.1	6.1	6.1	6.0	6.0	6.0	5.9	5.8
85°	16.6	16.7	16.8	16.8	16.8	16.7	16.6	16.5	16.3	16.1	16.2
82.5°	30.1	30.3	30.5	30.5	30.5	30.3	30.1	29.9	29.5	29.1	29.0
80°	44.1	44.0	44.1	44.2	44.1	44.0	44.1	44.1	43.9	43.6	42.9
77.5°	59.2	59.2	59.4	59.5	59.4	59.2	59.2	59.1	58.8	58.4	57.7
75°	74.3	74.4	74.6	74.7	74.6	74.4	74.3	74.1	73.7	73.2	72.7
72.5°	89.9	89.7	89.9	90.0	89.9	89.7	89.9	89.9	89.6	89.1	88.4
70°	105.0	104.8	105.8	106.7	105.8	104.8	105.0	105.0	104.7	104.2	103.5
67.5°	121.1	121.5	122.5	123.5	122.5	121.5	121.1	120.6	119.8	119.1	118.3
65°	138.1	138.2	139.2	140.3	139.2	138.2	138.1	137.7	136.8	136.0	135.0
62.5°	156.2	156.4	157.5	158.6	157.5	156.4	156.2	155.6	154.6	153.8	152.8
60°	173.0	173.2	173.6	173.8	173.6	173.2	173.0	172.4	171.5	170.3	169.1
57.5°	184.3	184.2	184.4	184.5	184.4	184.2	184.3	184.2	183.8	183.3	182.3
55°	195.5	195.0	194.4	193.6	194.4	195.0	195.5	195.6	195.2	194.5	193.5
52.5°	208.2	207.4	206.6	205.8	206.6	207.4	208.2	208.4	208.1	207.0	205.5
50°	221.8	221.0	220.3	219.6	220.3	221.0	221.8	222.0	221.6	220.5	218.7
47.5°	239.9	240.2	240.0	239.4	240.0	240.2	239.9	238.9	237.5	235.6	233.0
45°	261.8	262.7	262.8	262.2	262.8	262.7	261.8	260.0	257.4	254.1	250.3
42.5°	290.5	292.5	293.6	294.3	293.6	292.5	290.5	287.1	282.4	276.4	270.2
40°	331.2	335.2	337.7	340.0	337.7	335.2	331.2	325.0	316.5	306.2	296.7
37.5°	389.6	396.7	399.9	397.9	399.9	396.7	389.6	378.9	364.4	346.4	332.5
35°	481.9	495.5	502.6	503.1	502.6	495.5	481.9	461.6	435.1	406.5	384.0
32.5°	642.8	670.6	685.5	687.6	685.5	670.6	642.8	602.6	548.3	498.7	460.2
30°	952.1	1008.9	1035.5	1029.2	1035.5	1008.9	952.1	864.3	749.5	664.2	581.9
27.5°	1553.4	1694.9	1778.7	1785.4	1778.7	1694.9	1553.4	1356.7	1103.6	961.6	782.1
25°	2496.6	2738.2	2892.9	2895.4	2892.9	2738.2	2496.6	2171.5	1804.4	1485.0	1126.0
22.5°	3704.2	4034.0	4214.7	4246.3	4214.7	4034.0	3704.2	3260.2	2780.0	2254.7	1722.4
20°	5103.4	5542.1	5776.8	5777.0	5776.8	5542.1	5103.4	4514.3	3907.6	3187.6	2481.0
17.5°	6826.4	7538.7	7985.9	8178.4	7985.9	7538.7	6826.4	5969.2	5171.2	4252.5	3329.3
15°	9115.6	10312.6	11030.0	11159.2	11030.0	10312.6	9115.6	7871.2	6579.0	5386.7	4225.7
12.5°	11902.8	13417.7	14436.1	14809.3	14436.1	13417.7	11902.8	10155.4	8140.7	6557.7	5140.0
10°	14813.0	16216.6	17307.6	17674.2	17307.6	16216.6	14813.0	12596.4	10166.4	7787.4	5948.5
7.5°	16915.4	18589.1	19818.0	20357.7	19818.0	18589.1	16915.4	14713.4	11936.9	9104.1	6809.9
5°	18574.9	20555.5	21699.4	22207.1	21699.4	20555.5	18574.9	16221.1	13386.2	10213.9	7445.0
2.5°	19663.8	21620.8	22832.1	23300.3	22832.1	21620.8	19663.8	17179.1	14308.8	10894.1	7848.5
0°	20071.0	21984.5	23181.4	23753.1	23181.4	21984.5	20071.0	17418.1	14559.3	11055.5	7983.3
-2.5°	19663.8	21620.8	22832.1	23300.3	22832.1	21620.8	19663.8	17179.1	14308.8	10894.1	7848.5
-5°	18574.9	20555.5	21699.4	22207.1	21699.4	20555.5	18574.9	16221.1	13386.2	10213.9	7445.0
-7.5°	16915.4	18589.1	19818.0	20357.7	19818.0	18589.1	16915.4	14713.4	11936.9	9104.1	6809.9
-10°	14813.0	16216.6	17307.6	17674.2	17307.6	16216.6	14813.0	12596.4	10166.4	7787.4	5948.5
-12.5°	11902.8	13417.7	14436.1	14809.3	14436.1	13417.7	11902.8	10155.4	8140.7	6557.7	5140.0
-15°	9115.6	10312.6	11030.0	11159.2	11030.0	10312.6	9115.6	7871.2	6579.0	5386.7	4225.7
-17.5°	6826.4	7538.7	7985.9	8178.4	7985.9	7538.7	6826.4	5969.2	5171.2	4252.5	3329.3
-20°	5103.4	5542.1	5776.8	5777.0	5776.8	5542.1	5103.4	4514.3	3907.6	3187.6	2481.0

Classified

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

Scaled Data Report



REPORT NUMBER: P626755 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA1D-750-U-MR-XX

CANDELA DISTRIBUTION (continued):

	-7.5°	-5°	-2.5°	0°	2.5°	5°	7.5°	10°	12.5°	15°	17.5°
-22.5°	3704.2	4034.0	4214.7	4246.3	4214.7	4034.0	3704.2	3260.2	2780.0	2254.7	1722.4
-25°	2496.6	2738.2	2892.9	2895.4	2892.9	2738.2	2496.6	2171.5	1804.4	1485.0	1126.0
-27.5°	1553.4	1694.9	1778.7	1785.4	1778.7	1694.9	1553.4	1356.7	1103.6	961.6	782.1
-30°	952.1	1008.9	1035.5	1029.2	1035.5	1008.9	952.1	864.3	749.5	664.2	581.9
-32.5°	642.8	670.6	685.5	687.6	685.5	670.6	642.8	602.6	548.3	498.7	460.2
-35°	481.9	495.5	502.6	503.1	502.6	495.5	481.9	461.6	435.1	406.5	384.0
-37.5°	389.6	396.7	399.9	397.9	399.9	396.7	389.6	378.9	364.4	346.4	332.5
-40°	331.2	335.2	337.7	340.0	337.7	335.2	331.2	325.0	316.5	306.2	296.7
-42.5°	290.5	292.5	293.6	294.3	293.6	292.5	290.5	287.1	282.4	276.4	270.2
-45°	261.8	262.7	262.8	262.2	262.8	262.7	261.8	260.0	257.4	254.1	250.3
-47.5°	239.9	240.2	240.0	239.4	240.0	240.2	239.9	238.9	237.5	235.6	233.0
-50°	221.8	221.0	220.3	219.6	220.3	221.0	221.8	222.0	221.6	220.5	218.7
-52.5°	208.2	207.4	206.6	205.8	206.6	207.4	208.2	208.4	208.1	207.0	205.5
-55°	195.5	195.0	194.4	193.6	194.4	195.0	195.5	195.6	195.2	194.5	193.5
-57.5°	184.3	184.2	184.4	184.5	184.4	184.2	184.3	184.2	183.8	183.3	182.3
-60°	173.0	173.2	173.6	173.8	173.6	173.2	173.0	172.4	171.5	170.3	169.1
-62.5°	156.2	156.4	157.5	158.6	157.5	156.4	156.2	155.6	154.6	153.8	152.8
-65°	138.1	138.2	139.2	140.3	139.2	138.2	138.1	137.7	136.8	136.0	135.0
-67.5°	121.1	121.5	122.5	123.5	122.5	121.5	121.1	120.6	119.8	119.1	118.3
-70°	105.0	104.8	105.8	106.7	105.8	104.8	105.0	105.0	104.7	104.2	103.5
-72.5°	89.9	89.7	89.9	90.0	89.9	89.7	89.9	89.9	89.6	89.1	88.4
-75°	74.3	74.4	74.6	74.7	74.6	74.4	74.3	74.1	73.7	73.2	72.7
-77.5°	59.2	59.2	59.4	59.5	59.4	59.2	59.2	59.1	58.8	58.4	57.7
-80°	44.1	44.0	44.1	44.2	44.1	44.0	44.1	44.1	43.9	43.6	42.9
-82.5°	30.1	30.3	30.5	30.5	30.5	30.3	30.1	29.9	29.5	29.1	29.0
-85°	16.6	16.7	16.8	16.8	16.8	16.7	16.6	16.5	16.3	16.1	16.2
-87.5°	6.0	6.1	6.1	6.1	6.1	6.1	6.0	6.0	6.0	5.9	5.8
-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: P626755 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA1D-750-U-MR-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°	5.7	5.6	5.5	5.4	5.3	5.1	5.0	4.8	4.7	4.5	4.3
85°	16.2	16.1	16.0	15.5	15.0	14.5	13.9	13.2	12.6	11.9	11.1
82.5°	28.8	28.5	28.1	27.1	26.0	24.9	23.9	22.9	21.9	20.8	19.7
80°	42.2	41.4	40.5	39.3	37.9	36.3	34.6	33.0	31.4	29.8	28.3
77.5°	56.9	55.8	54.5	52.9	51.1	49.2	47.1	45.0	42.9	40.7	38.4
75°	72.0	71.0	69.7	67.7	65.5	63.2	60.6	57.7	54.8	51.9	49.1
72.5°	87.5	86.4	84.8	82.6	80.0	77.2	74.3	71.0	67.4	63.4	59.8
70°	102.5	101.3	99.8	97.8	95.2	92.1	88.6	84.7	80.7	76.4	72.1
67.5°	117.2	115.7	114.1	112.3	110.0	107.2	103.4	99.0	94.3	89.5	84.4
65°	133.6	131.7	129.6	127.7	125.3	122.4	118.5	114.2	109.1	103.2	96.8
62.5°	151.5	149.8	146.7	143.6	140.4	137.1	132.7	128.0	123.3	117.8	110.2
60°	167.9	166.3	162.4	158.5	154.6	150.5	145.6	140.7	135.7	129.7	122.8
57.5°	181.0	178.4	174.8	171.1	167.3	162.3	157.1	152.1	146.7	140.9	134.5
55°	192.2	189.4	185.7	181.6	177.3	172.3	167.0	161.5	156.2	151.5	144.9
52.5°	203.6	200.1	196.1	191.7	186.9	181.6	176.0	170.1	165.0	160.1	154.6
50°	216.1	211.6	206.8	201.8	196.6	190.8	184.7	178.5	173.7	168.5	163.0
47.5°	229.5	224.2	218.5	212.7	206.8	200.5	193.9	187.3	181.9	176.6	170.8
45°	245.2	238.5	231.2	224.5	217.5	210.6	203.5	196.6	189.8	183.9	178.3
42.5°	263.4	255.5	247.1	238.0	229.0	221.0	213.1	205.7	198.2	191.0	184.6
40°	286.3	274.7	264.9	253.8	243.1	232.2	223.5	214.6	206.4	198.3	190.9
37.5°	316.5	300.3	286.3	271.8	258.9	246.1	234.9	224.8	214.6	205.9	197.6
35°	357.4	334.7	312.6	293.9	276.6	261.5	247.3	235.5	224.2	213.5	204.2
32.5°	415.1	381.9	346.6	321.3	297.5	277.8	261.2	246.3	233.6	221.8	211.1
30°	505.7	447.2	396.9	354.3	323.6	296.8	275.3	257.8	242.8	229.8	217.9
27.5°	653.3	534.1	464.5	400.8	353.4	319.9	292.0	269.3	251.7	237.5	224.6
25°	892.8	691.5	550.8	462.6	393.9	344.5	310.0	282.9	261.5	244.5	229.3
22.5°	1243.6	929.3	687.2	533.6	443.6	378.2	331.2	296.4	270.2	250.5	234.0
20°	1796.8	1235.9	885.9	648.5	502.0	410.6	353.8	312.2	280.9	257.0	238.1
17.5°	2459.3	1710.2	1111.0	772.3	577.7	457.2	380.1	327.3	290.3	262.9	241.6
15°	3126.9	2206.3	1456.8	951.7	660.3	498.0	402.7	340.4	299.5	269.3	246.0
12.5°	3864.3	2737.9	1763.6	1100.1	745.3	547.2	431.6	358.1	309.6	275.7	250.2
10°	4501.2	3234.4	2132.4	1337.7	857.1	598.7	458.1	373.1	317.9	280.8	253.5
7.5°	5074.6	3658.5	2441.7	1523.1	943.9	639.6	479.3	385.2	324.2	284.6	255.8
5°	5481.6	3982.6	2690.5	1663.3	1006.0	667.9	494.1	393.7	328.4	287.0	257.2
2.5°	5735.5	4177.7	2852.8	1746.5	1036.3	683.4	503.3	398.6	331.9	289.6	258.0
0°	5758.8	4163.9	2875.6	1786.9	1017.0	686.1	507.7	399.5	333.9	291.2	257.7
-2.5°	5735.5	4177.7	2852.8	1746.5	1036.3	683.4	503.3	398.6	331.9	289.6	258.0
-5°	5481.6	3982.6	2690.5	1663.3	1006.0	667.9	494.1	393.7	328.4	287.0	257.2
-7.5°	5074.6	3658.5	2441.7	1523.1	943.9	639.6	479.3	385.2	324.2	284.6	255.8
-10°	4501.2	3234.4	2132.4	1337.7	857.1	598.7	458.1	373.1	317.9	280.8	253.5
-12.5°	3864.3	2737.9	1763.6	1100.1	745.3	547.2	431.6	358.1	309.6	275.7	250.2
-15°	3126.9	2206.3	1456.8	951.7	660.3	498.0	402.7	340.4	299.5	269.3	246.0
-17.5°	2459.3	1710.2	1111.0	772.3	577.7	457.2	380.1	327.3	290.3	262.9	241.6
-20°	1796.8	1235.9	885.9	648.5	502.0	410.6	353.8	312.2	280.9	257.0	238.1

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Cooper Lighting Solutions Photometric Lab
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Peachtree City, GA 30269

Scaled Data Report



REPORT NUMBER: P626755 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA1D-750-U-MR-XX

CANDELA DISTRIBUTION (continued):

	20°	22.5°	25°	27.5°	30°	32.5°	35°	37.5°	40°	42.5°	45°
-22.5°	1243.6	929.3	687.2	533.6	443.6	378.2	331.2	296.4	270.2	250.5	234.0
-25°	892.8	691.5	550.8	462.6	393.9	344.5	310.0	282.9	261.5	244.5	229.3
-27.5°	653.3	534.1	464.5	400.8	353.4	319.9	292.0	269.3	251.7	237.5	224.6
-30°	505.7	447.2	396.9	354.3	323.6	296.8	275.3	257.8	242.8	229.8	217.9
-32.5°	415.1	381.9	346.6	321.3	297.5	277.8	261.2	246.3	233.6	221.8	211.1
-35°	357.4	334.7	312.6	293.9	276.6	261.5	247.3	235.5	224.2	213.5	204.2
-37.5°	316.5	300.3	286.3	271.8	258.9	246.1	234.9	224.8	214.6	205.9	197.6
-40°	286.3	274.7	264.9	253.8	243.1	232.2	223.5	214.6	206.4	198.3	190.9
-42.5°	263.4	255.5	247.1	238.0	229.0	221.0	213.1	205.7	198.2	191.0	184.6
-45°	245.2	238.5	231.2	224.5	217.5	210.6	203.5	196.6	189.8	183.9	178.3
-47.5°	229.5	224.2	218.5	212.7	206.8	200.5	193.9	187.3	181.9	176.6	170.8
-50°	216.1	211.6	206.8	201.8	196.6	190.8	184.7	178.5	173.7	168.5	163.0
-52.5°	203.6	200.1	196.1	191.7	186.9	181.6	176.0	170.1	165.0	160.1	154.6
-55°	192.2	189.4	185.7	181.6	177.3	172.3	167.0	161.5	156.2	151.5	144.9
-57.5°	181.0	178.4	174.8	171.1	167.3	162.3	157.1	152.1	146.7	140.9	134.5
-60°	167.9	166.3	162.4	158.5	154.6	150.5	145.6	140.7	135.7	129.7	122.8
-62.5°	151.5	149.8	146.7	143.6	140.4	137.1	132.7	128.0	123.3	117.8	110.2
-65°	133.6	131.7	129.6	127.7	125.3	122.4	118.5	114.2	109.1	103.2	96.8
-67.5°	117.2	115.7	114.1	112.3	110.0	107.2	103.4	99.0	94.3	89.5	84.4
-70°	102.5	101.3	99.8	97.8	95.2	92.1	88.6	84.7	80.7	76.4	72.1
-72.5°	87.5	86.4	84.8	82.6	80.0	77.2	74.3	71.0	67.4	63.4	59.8
-75°	72.0	71.0	69.7	67.7	65.5	63.2	60.6	57.7	54.8	51.9	49.1
-77.5°	56.9	55.8	54.5	52.9	51.1	49.2	47.1	45.0	42.9	40.7	38.4
-80°	42.2	41.4	40.5	39.3	37.9	36.3	34.6	33.0	31.4	29.8	28.3
-82.5°	28.8	28.5	28.1	27.1	26.0	24.9	23.9	22.9	21.9	20.8	19.7
-85°	16.2	16.1	16.0	15.5	15.0	14.5	13.9	13.2	12.6	11.9	11.1
-87.5°	5.7	5.6	5.5	5.4	5.3	5.1	5.0	4.8	4.7	4.5	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: P626755 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA1D-750-U-MR-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°	4.1	3.9	3.7	3.5	3.3	3.0	2.8	2.6	2.3	2.1	1.8
85°	10.4	9.6	8.7	7.9	7.0	6.1	5.6	5.2	4.7	4.2	3.7
82.5°	18.6	17.4	16.1	14.9	13.5	12.2	10.8	9.3	7.8	6.4	5.5
80°	26.8	25.2	23.5	21.8	20.1	18.2	16.3	14.4	12.3	10.2	8.3
77.5°	36.0	33.5	30.9	28.8	26.8	24.6	22.2	19.6	16.7	14.0	11.5
75°	46.1	43.1	40.0	36.9	34.0	31.0	28.3	25.2	21.6	17.9	14.7
72.5°	56.6	53.1	49.3	45.5	42.0	38.4	34.7	30.8	26.6	22.4	18.1
70°	67.7	63.4	59.2	54.8	50.3	45.8	41.5	36.8	31.6	26.8	22.0
67.5°	79.2	74.1	69.0	64.0	58.9	53.7	48.4	42.8	37.0	31.2	25.8
65°	90.9	84.9	78.7	73.2	67.4	61.6	55.6	48.9	42.4	35.9	29.6
62.5°	102.9	95.9	89.1	82.3	75.9	69.4	62.7	55.1	47.7	40.6	33.5
60°	114.9	106.9	99.2	91.7	84.3	77.1	69.5	61.1	53.0	45.2	37.5
57.5°	126.5	117.6	108.8	100.6	92.6	84.6	76.1	67.1	58.2	49.7	41.4
55°	137.7	128.6	118.3	109.0	100.5	92.0	82.6	73.0	63.3	54.1	45.2
52.5°	147.6	138.5	127.9	117.2	107.6	98.8	88.7	78.8	68.5	58.3	48.9
50°	156.5	147.4	136.7	125.4	114.5	104.7	94.6	84.1	73.5	62.5	52.5
47.5°	164.3	155.5	144.9	133.2	121.5	110.4	99.9	89.1	78.3	66.8	55.9
45°	171.3	163.3	152.8	140.8	128.0	116.2	104.9	93.8	82.5	70.9	59.3
42.5°	177.8	170.0	160.5	148.2	134.6	121.7	109.7	98.1	86.5	74.8	62.6
40°	183.7	176.0	167.6	155.1	140.9	126.9	114.4	102.3	90.2	78.4	65.8
37.5°	189.6	181.5	172.9	161.6	146.7	132.2	118.8	106.2	93.8	81.6	68.8
35°	195.6	187.0	177.6	166.7	152.3	137.1	122.8	109.8	97.2	84.5	71.6
32.5°	201.3	191.9	181.8	171.0	157.5	141.6	126.7	113.4	100.4	87.3	74.2
30°	207.0	195.9	185.6	175.4	162.1	146.0	130.6	116.7	103.3	89.9	76.5
27.5°	211.3	199.4	188.9	178.8	165.8	150.0	134.3	119.7	106.0	92.3	78.6
25°	215.1	202.7	191.8	181.5	169.6	154.1	137.7	122.5	108.5	94.5	80.5
22.5°	219.0	205.6	194.1	183.9	173.1	157.9	141.0	125.3	110.7	96.5	82.2
20°	222.3	208.0	196.1	186.0	175.5	160.8	144.0	127.7	112.7	98.2	83.7
17.5°	225.2	210.4	198.2	187.8	177.2	163.3	146.7	129.9	114.4	99.7	85.0
15°	228.1	212.8	199.9	189.1	178.6	165.3	148.9	131.7	115.9	101.0	86.2
12.5°	230.6	214.7	201.3	190.1	179.8	166.9	150.8	133.2	117.1	102.2	87.4
10°	232.5	215.9	202.2	190.7	180.7	168.0	152.2	134.6	118.5	103.3	88.3
7.5°	233.9	216.5	202.8	191.0	181.4	169.1	153.7	136.1	119.8	104.1	89.1
5°	234.8	216.8	203.2	191.5	181.8	170.0	154.7	137.3	120.8	104.7	89.6
2.5°	235.9	216.9	203.2	191.9	181.8	170.6	155.3	138.2	121.5	105.1	89.9
0°	236.3	216.5	202.8	192.1	181.4	170.8	155.5	138.7	122.0	105.2	90.0
-2.5°	235.9	216.9	203.2	191.9	181.8	170.6	155.3	138.2	121.5	105.1	89.9
-5°	234.8	216.8	203.2	191.5	181.8	170.0	154.7	137.3	120.8	104.7	89.6
-7.5°	233.9	216.5	202.8	191.0	181.4	169.1	153.7	136.1	119.8	104.1	89.1
-10°	232.5	215.9	202.2	190.7	180.7	168.0	152.2	134.6	118.5	103.3	88.3
-12.5°	230.6	214.7	201.3	190.1	179.8	166.9	150.8	133.2	117.1	102.2	87.4
-15°	228.1	212.8	199.9	189.1	178.6	165.3	148.9	131.7	115.9	101.0	86.2
-17.5°	225.2	210.4	198.2	187.8	177.2	163.3	146.7	129.9	114.4	99.7	85.0
-20°	222.3	208.0	196.1	186.0	175.5	160.8	144.0	127.7	112.7	98.2	83.7

Classified

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



REPORT NUMBER: P626755 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA1D-750-U-MR-XX

CANDELA DISTRIBUTION (continued):

	47.5°	50°	52.5°	55°	57.5°	60°	62.5°	65°	67.5°	70°	72.5°
-22.5°	219.0	205.6	194.1	183.9	173.1	157.9	141.0	125.3	110.7	96.5	82.2
-25°	215.1	202.7	191.8	181.5	169.6	154.1	137.7	122.5	108.5	94.5	80.5
-27.5°	211.3	199.4	188.9	178.8	165.8	150.0	134.3	119.7	106.0	92.3	78.6
-30°	207.0	195.9	185.6	175.4	162.1	146.0	130.6	116.7	103.3	89.9	76.5
-32.5°	201.3	191.9	181.8	171.0	157.5	141.6	126.7	113.4	100.4	87.3	74.2
-35°	195.6	187.0	177.6	166.7	152.3	137.1	122.8	109.8	97.2	84.5	71.6
-37.5°	189.6	181.5	172.9	161.6	146.7	132.2	118.8	106.2	93.8	81.6	68.8
-40°	183.7	176.0	167.6	155.1	140.9	126.9	114.4	102.3	90.2	78.4	65.8
-42.5°	177.8	170.0	160.5	148.2	134.6	121.7	109.7	98.1	86.5	74.8	62.6
-45°	171.3	163.3	152.8	140.8	128.0	116.2	104.9	93.8	82.5	70.9	59.3
-47.5°	164.3	155.5	144.9	133.2	121.5	110.4	99.9	89.1	78.3	66.8	55.9
-50°	156.5	147.4	136.7	125.4	114.5	104.7	94.6	84.1	73.5	62.5	52.5
-52.5°	147.6	138.5	127.9	117.2	107.6	98.8	88.7	78.8	68.5	58.3	48.9
-55°	137.7	128.6	118.3	109.0	100.5	92.0	82.6	73.0	63.3	54.1	45.2
-57.5°	126.5	117.6	108.8	100.6	92.6	84.6	76.1	67.1	58.2	49.7	41.4
-60°	114.9	106.9	99.2	91.7	84.3	77.1	69.5	61.1	53.0	45.2	37.5
-62.5°	102.9	95.9	89.1	82.3	75.9	69.4	62.7	55.1	47.7	40.6	33.5
-65°	90.9	84.9	78.7	73.2	67.4	61.6	55.6	48.9	42.4	35.9	29.6
-67.5°	79.2	74.1	69.0	64.0	58.9	53.7	48.4	42.8	37.0	31.2	25.8
-70°	67.7	63.4	59.2	54.8	50.3	45.8	41.5	36.8	31.6	26.8	22.0
-72.5°	56.6	53.1	49.3	45.5	42.0	38.4	34.7	30.8	26.6	22.4	18.1
-75°	46.1	43.1	40.0	36.9	34.0	31.0	28.3	25.2	21.6	17.9	14.7
-77.5°	36.0	33.5	30.9	28.8	26.8	24.6	22.2	19.6	16.7	14.0	11.5
-80°	26.8	25.2	23.5	21.8	20.1	18.2	16.3	14.4	12.3	10.2	8.3
-82.5°	18.6	17.4	16.1	14.9	13.5	12.2	10.8	9.3	7.8	6.4	5.5
-85°	10.4	9.6	8.7	7.9	7.0	6.1	5.6	5.2	4.7	4.2	3.7
-87.5°	4.1	3.9	3.7	3.5	3.3	3.0	2.8	2.6	2.3	2.1	1.8
-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: P626755 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA1D-750-U-MR-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°	1.6	1.3	1.1	0.8	0.5	0.3	0.0
85°	3.2	2.6	2.1	1.6	1.1	0.5	0.0
82.5°	4.7	4.0	3.2	2.4	1.6	0.8	0.0
80°	6.4	5.3	4.2	3.2	2.1	1.1	0.0
77.5°	9.1	6.9	5.3	4.0	2.6	1.3	0.0
75°	11.8	9.1	6.4	4.7	3.2	1.6	0.0
72.5°	14.5	11.4	8.2	5.5	3.7	1.8	0.0
70°	17.2	13.6	10.0	6.4	4.2	2.1	0.0
67.5°	20.5	15.7	11.7	7.7	4.7	2.3	0.0
65°	23.8	18.2	13.4	8.9	5.2	2.6	0.0
62.5°	27.0	20.8	15.1	10.2	5.6	2.8	0.0
60°	30.1	23.4	16.7	11.4	6.1	3.0	0.0
57.5°	33.4	26.0	18.7	12.6	6.9	3.3	0.0
55°	36.6	28.5	20.7	13.8	7.7	3.5	0.0
52.5°	39.7	30.9	22.7	14.9	8.4	3.7	0.0
50°	42.7	33.4	24.5	16.0	9.1	3.9	0.0
47.5°	45.6	35.7	26.3	17.1	9.8	4.1	0.0
45°	48.4	37.9	28.1	18.4	10.5	4.3	0.0
42.5°	51.1	40.1	29.7	19.7	11.2	4.5	0.0
40°	53.7	42.1	31.3	20.8	11.8	4.7	0.0
37.5°	56.2	44.0	32.8	21.9	12.4	4.8	0.0
35°	58.5	45.8	34.2	22.9	12.9	5.0	0.0
32.5°	60.7	47.6	35.6	23.9	13.4	5.1	0.0
30°	62.7	49.3	36.8	24.7	13.9	5.3	0.0
27.5°	64.6	50.9	37.9	25.5	14.4	5.4	0.0
25°	66.3	52.3	38.9	26.2	14.8	5.5	0.0
22.5°	67.8	53.6	39.9	26.9	15.2	5.6	0.0
20°	69.1	54.7	40.8	27.4	15.5	5.7	0.0
17.5°	70.4	55.6	41.5	27.9	15.8	5.8	0.0
15°	71.5	56.4	42.2	28.3	16.1	5.9	0.0
12.5°	72.4	57.0	42.8	28.6	16.3	6.0	0.0
10°	73.2	57.5	43.3	28.8	16.5	6.0	0.0
7.5°	73.9	57.8	43.7	29.0	16.6	6.0	0.0
5°	74.3	58.0	44.0	29.1	16.7	6.1	0.0
2.5°	74.6	58.0	44.1	29.1	16.8	6.1	0.0
0°	74.7	57.9	44.2	29.0	16.8	6.1	0.0
-2.5°	74.6	58.0	44.1	29.1	16.8	6.1	0.0
-5°	74.3	58.0	44.0	29.1	16.7	6.1	0.0
-7.5°	73.9	57.8	43.7	29.0	16.6	6.0	0.0
-10°	73.2	57.5	43.3	28.8	16.5	6.0	0.0
-12.5°	72.4	57.0	42.8	28.6	16.3	6.0	0.0
-15°	71.5	56.4	42.2	28.3	16.1	5.9	0.0
-17.5°	70.4	55.6	41.5	27.9	15.8	5.8	0.0
-20°	69.1	54.7	40.8	27.4	15.5	5.7	0.0

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CATALOG NUMBER: GFLD-SA1D-750-U-MR-XX

CANDELA DISTRIBUTION (continued):

	75°	77.5°	80°	82.5°	85°	87.5°	90°
-22.5°	67.8	53.6	39.9	26.9	15.2	5.6	0.0
-25°	66.3	52.3	38.9	26.2	14.8	5.5	0.0
-27.5°	64.6	50.9	37.9	25.5	14.4	5.4	0.0
-30°	62.7	49.3	36.8	24.7	13.9	5.3	0.0
-32.5°	60.7	47.6	35.6	23.9	13.4	5.1	0.0
-35°	58.5	45.8	34.2	22.9	12.9	5.0	0.0
-37.5°	56.2	44.0	32.8	21.9	12.4	4.8	0.0
-40°	53.7	42.1	31.3	20.8	11.8	4.7	0.0
-42.5°	51.1	40.1	29.7	19.7	11.2	4.5	0.0
-45°	48.4	37.9	28.1	18.4	10.5	4.3	0.0
-47.5°	45.6	35.7	26.3	17.1	9.8	4.1	0.0
-50°	42.7	33.4	24.5	16.0	9.1	3.9	0.0
-52.5°	39.7	30.9	22.7	14.9	8.4	3.7	0.0
-55°	36.6	28.5	20.7	13.8	7.7	3.5	0.0
-57.5°	33.4	26.0	18.7	12.6	6.9	3.3	0.0
-60°	30.1	23.4	16.7	11.4	6.1	3.0	0.0
-62.5°	27.0	20.8	15.1	10.2	5.6	2.8	0.0
-65°	23.8	18.2	13.4	8.9	5.2	2.6	0.0
-67.5°	20.5	15.7	11.7	7.7	4.7	2.3	0.0
-70°	17.2	13.6	10.0	6.4	4.2	2.1	0.0
-72.5°	14.5	11.4	8.2	5.5	3.7	1.8	0.0
-75°	11.8	9.1	6.4	4.7	3.2	1.6	0.0
-77.5°	9.1	6.9	5.3	4.0	2.6	1.3	0.0
-80°	6.4	5.3	4.2	3.2	2.1	1.1	0.0
-82.5°	4.7	4.0	3.2	2.4	1.6	0.8	0.0
-85°	3.2	2.6	2.1	1.6	1.1	0.5	0.0
-87.5°	1.6	1.3	1.1	0.8	0.5	0.3	0.0
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0

(END OF REPORT)