

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: P626815 (CONVERTED FROM TYPE C PHOTOMETRY)

Luminaire Tested: **GFLD-SA1E-750-U-MR-XX**

Issue Date: 12/7/2022

Test Information

Test Method: LM-79-08
Report Number: P626815 (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-SA1E-750-U-MR-XX
Description: GALLEON FLOOD, ONE LIGHT SQAURE, MEDIUM SYMMETRICAL ROUND N33
Light Source: (16) 5000K CCT, 70 CRI LEDS
Ballast/Driver: -

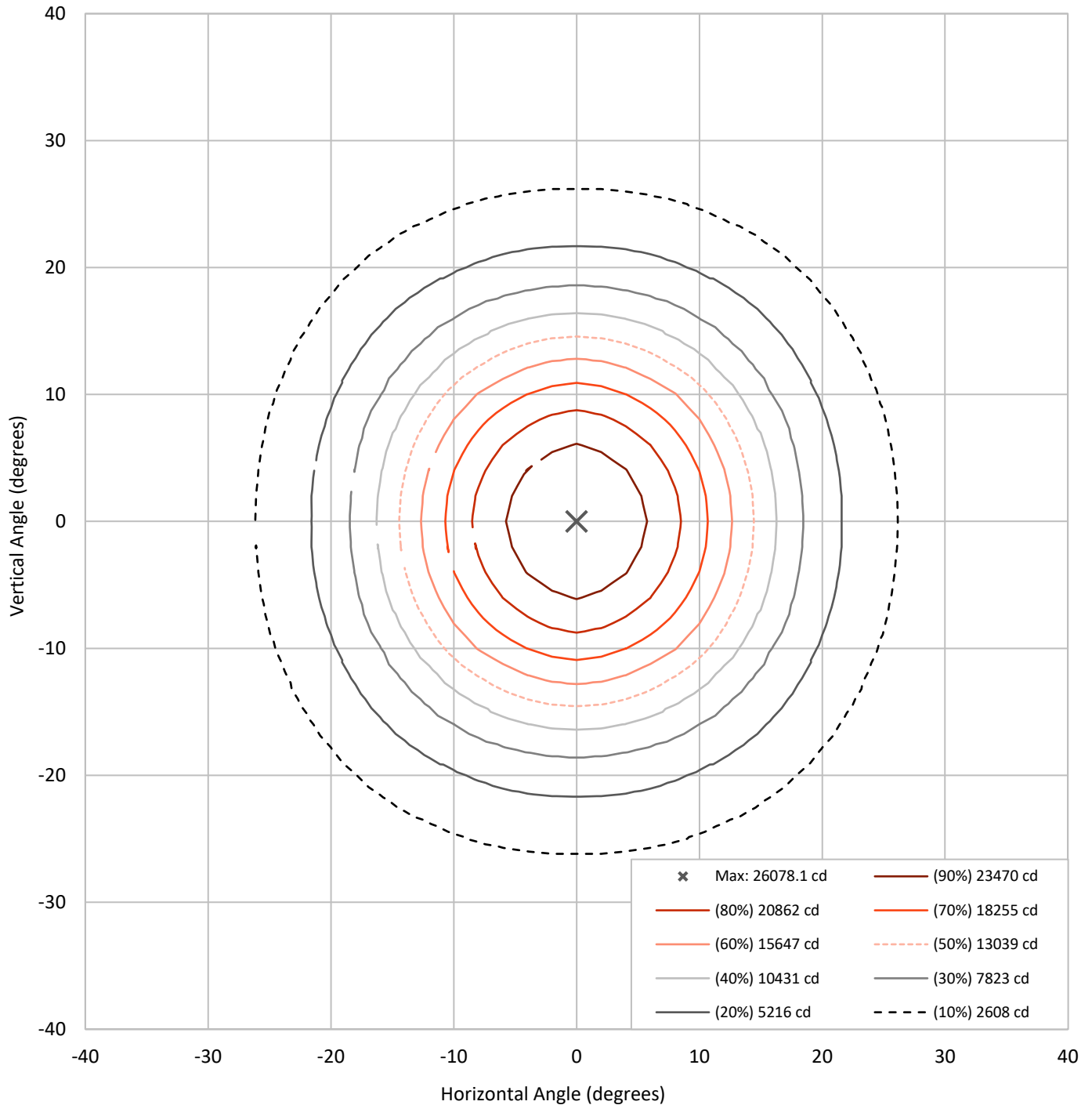
Summary

Lumens per Lamp:	N/A	NEMA Type:	4H x 4V
Luminaire Lumens:	8147.7 lumens	Max Intensity:	26078.1 candela
Efficiency:	N/A	Max Intensity Angle:	0°H x 0°V
Efficacy:	123.1 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:	3961.3 lumens	Field Lumens:	6685 lumens
Beam Efficiency:	48.6%	Field Efficiency:	82.0%
Input Watts (W):	66.2		
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		



REPORT NUMBER: P626815 (CONVERTED FROM TYPE C PHOTOMETRY)
CATALOG NUMBER: GFLD-SA1E-750-U-MR-XX

Iso-Candela Plot





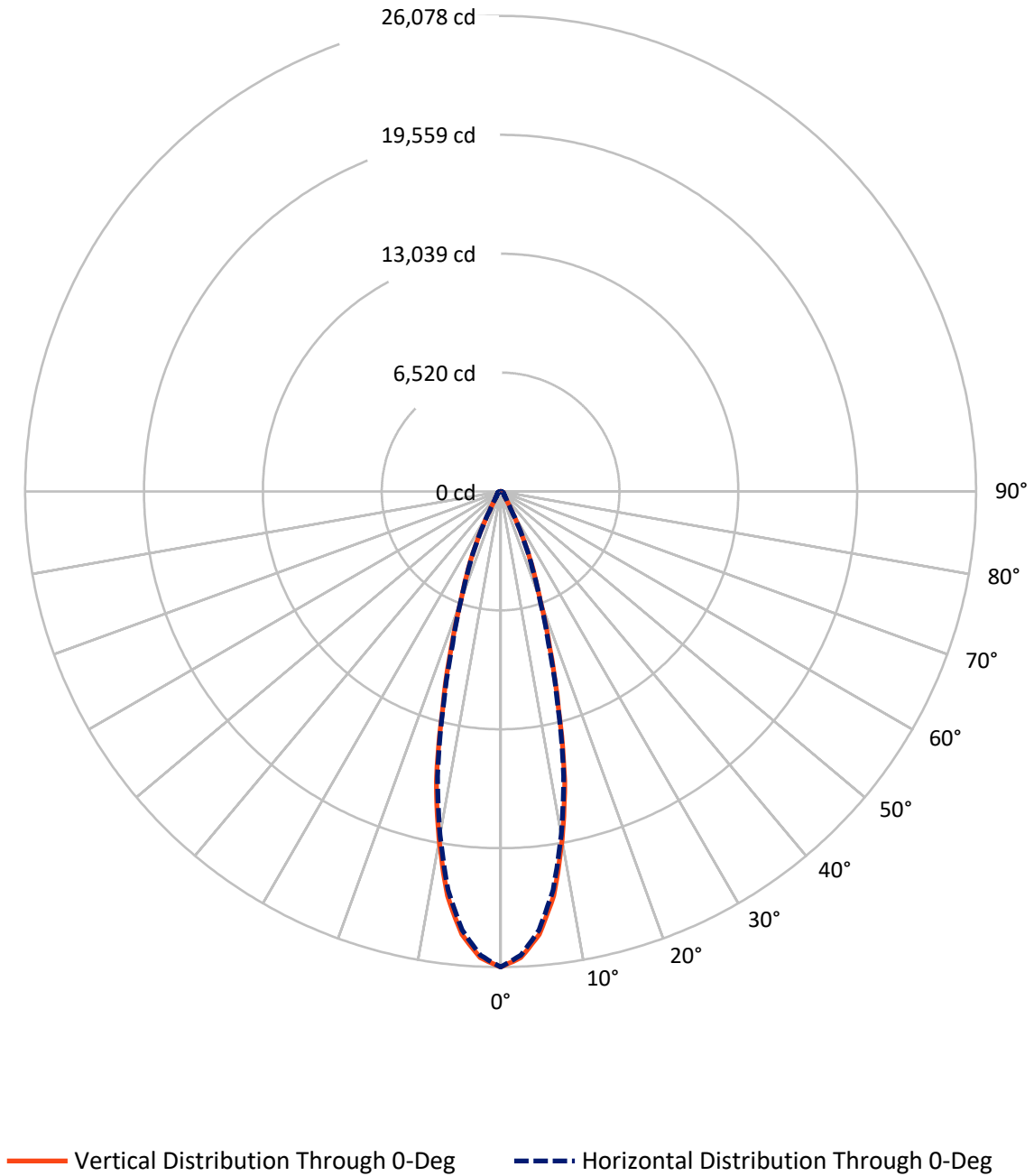
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Lumen Table

90	0.2	1.3	3.5	5.6	6.2	5.6	3.5	1.3	0.2							
80	0.2	1.3	3.5	5.6	6.2	5.6	3.5	1.3	0.2							
70	0.6	0.7	1.4	2.3	3.2	3.9	4.4	4.6	4.6	4.4	3.9	3.2	2.3	1.4	0.7	0.6
60		1.0	2.1	3.4	4.6	5.6	6.3	6.5	6.5	6.3	5.6	4.6	3.4	2.1	1.0	
50	1.1	1.3	2.7	4.2	5.6	7.1	8.3	8.9	8.9	8.3	7.1	5.6	4.2	2.7	1.3	1.1
40		1.6	3.2	4.8	6.8	9.8	14.1	18.3	18.3	14.1	9.8	6.8	4.8	3.2	1.6	
30	1.4	1.8	3.5	5.4	8.8	19.0	53.6	95.1	95.1	53.6	19.0	8.8	5.4	3.5	1.8	1.4
20		1.9	3.6	5.9	11.9	50.0	178.2	341.5	341.5	178.2	50.0	11.9	5.9	3.6	1.9	
10	1.5	2.0	3.7	6.2	15.2	86.3	329.9	648.9	648.9	329.9	86.3	15.2	6.2	3.7	2.0	1.5
0		2.0	3.7	6.2	15.2	86.3	329.9	648.9	648.9	329.9	86.3	15.2	6.2	3.7	2.0	
-10	1.4	1.9	3.6	5.9	11.9	50.0	178.2	341.5	341.5	178.2	50.0	11.9	5.9	3.6	1.9	1.4
-20		1.8	3.5	5.4	8.8	19.0	53.6	95.1	95.1	53.6	19.0	8.8	5.4	3.5	1.8	
-30	1.1	1.6	3.2	4.8	6.8	9.8	14.1	18.3	18.3	14.1	9.8	6.8	4.8	3.2	1.6	1.1
-40		1.3	2.7	4.2	5.6	7.1	8.3	8.9	8.9	8.3	7.1	5.6	4.2	2.7	1.3	
-50	0.6	1.0	2.1	3.4	4.6	5.6	6.3	6.5	6.5	6.3	5.6	4.6	3.4	2.1	1.0	0.6
-60		0.7	1.4	2.3	3.2	3.9	4.4	4.6	4.6	4.4	3.9	3.2	2.3	1.4	0.7	
-70	0.2	1.3	3.5	5.6	6.2	5.6	3.5	1.3	0.2							
-80		0.2	1.3	3.5	5.6	6.2	5.6	3.5	1.3	0.2						
-90	0.2	1.3	3.5	5.6	6.2	5.6	3.5	1.3	0.2							

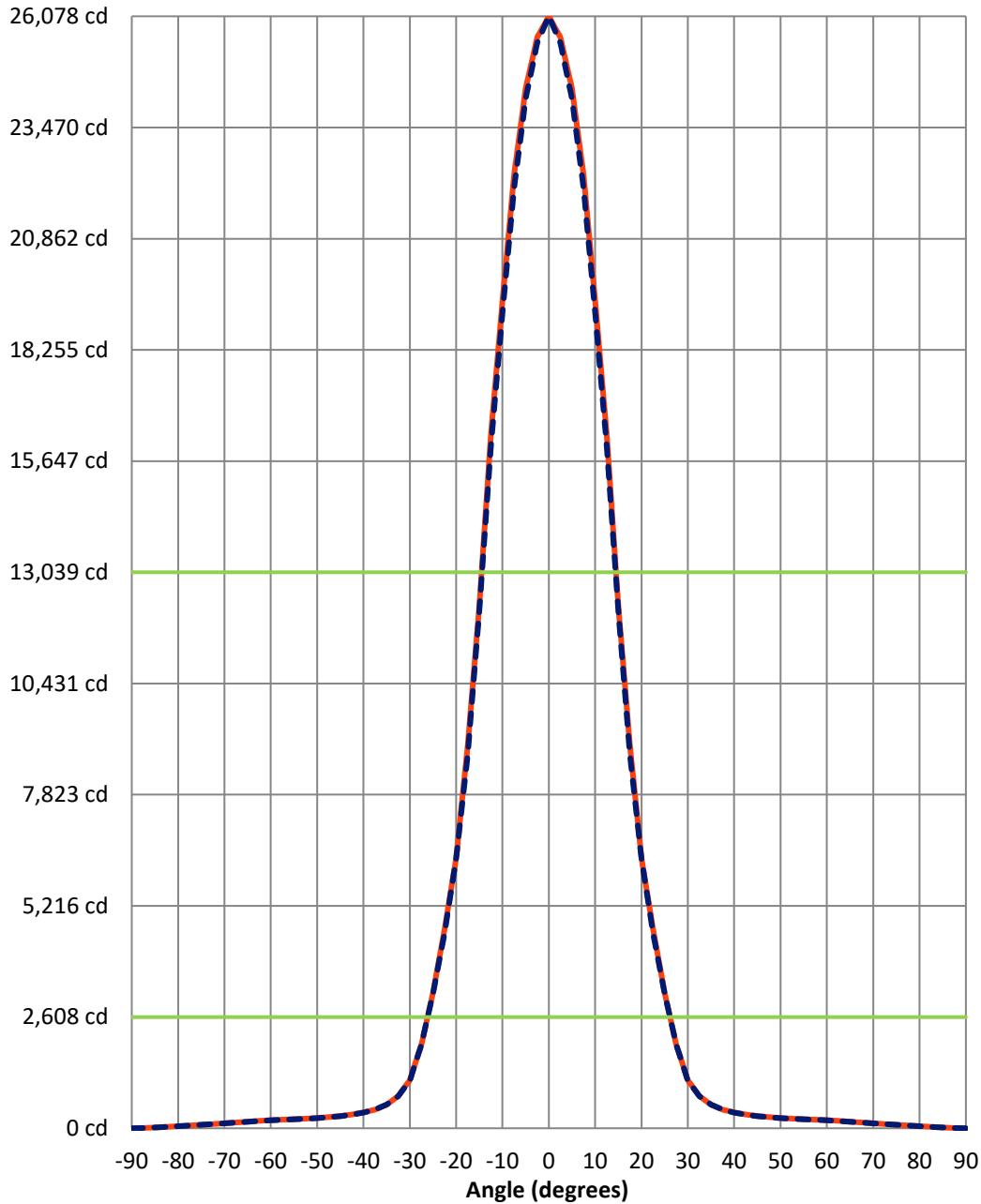
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Luminous Intensity Polar Plot



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Luminous Intensity Plot



Beam:
 H Angle: 28.8°
 V Angle: 29°
 Lumens: 3961.3
 Efficiency: 48.6%

Field:
 H Angle: 52.3°
 V Angle: 52.3°
 Lumens: 6685
 Efficiency: 82.0%

Spill:
 Lumens: 1462.6
 Efficiency: 18.0%

— Vertical Distribution through 0-Deg
 - - Horizontal Distribution through 0-Deg



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CATALOG NUMBER: GFLD-SA1E-750-U-MR-XX

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	0.6	0.9	1.2	1.4	1.7	2.0	2.3	2.6	2.8
85°	0.0	0.6	1.2	1.7	2.3	2.9	3.5	4.0	4.6	5.1	5.7
82.5°	0.0	0.9	1.7	2.6	3.5	4.3	5.2	6.0	7.0	8.6	10.2
80°	0.0	1.2	2.3	3.5	4.6	5.8	7.1	9.1	11.2	13.5	15.8
77.5°	0.0	1.4	2.9	4.3	5.8	7.6	10.0	12.6	15.4	18.3	21.5
75°	0.0	1.7	3.5	5.2	7.1	10.0	13.0	16.1	19.6	23.7	27.7
72.5°	0.0	2.0	4.0	6.0	9.0	12.5	15.9	19.8	24.6	29.2	33.8
70°	0.0	2.3	4.6	7.0	10.9	14.9	18.9	24.1	29.4	34.7	40.4
67.5°	0.0	2.6	5.1	8.4	12.8	17.2	22.5	28.3	34.2	40.7	47.0
65°	0.0	2.8	5.7	9.8	14.7	19.9	26.1	32.5	39.5	46.5	53.6
62.5°	0.0	3.1	6.2	11.2	16.5	22.8	29.7	36.8	44.6	52.3	60.5
60°	0.0	3.3	6.7	12.5	18.3	25.7	33.1	41.2	49.6	58.2	67.2
57.5°	0.0	3.6	7.6	13.8	20.5	28.5	36.7	45.5	54.6	64.0	73.7
55°	0.0	3.8	8.4	15.1	22.7	31.3	40.2	49.7	59.4	69.6	80.2
52.5°	0.0	4.1	9.2	16.3	24.9	34.0	43.6	53.7	64.1	75.2	86.5
50°	0.0	4.3	10.0	17.5	26.9	36.6	46.9	57.7	68.7	80.7	92.3
47.5°	0.0	4.5	10.8	18.8	28.9	39.2	50.0	61.4	73.3	85.9	97.8
45°	0.0	4.7	11.5	20.2	30.8	41.7	53.1	65.1	77.9	90.6	102.9
42.5°	0.0	4.9	12.2	21.6	32.6	44.0	56.1	68.7	82.1	94.9	107.7
40°	0.0	5.1	12.9	22.8	34.4	46.2	59.0	72.2	86.0	99.0	112.2
37.5°	0.0	5.3	13.6	24.0	36.0	48.3	61.7	75.5	89.5	103.0	116.5
35°	0.0	5.5	14.2	25.2	37.6	50.3	64.2	78.6	92.8	106.7	120.5
32.5°	0.0	5.7	14.7	26.2	39.1	52.3	66.6	81.4	95.9	110.2	124.4
30°	0.0	5.8	15.3	27.2	40.4	54.1	68.9	84.0	98.7	113.4	128.0
27.5°	0.0	5.9	15.8	28.0	41.6	55.8	70.9	86.3	101.4	116.4	131.4
25°	0.0	6.1	16.2	28.8	42.7	57.4	72.8	88.3	103.8	119.1	134.4
22.5°	0.0	6.2	16.6	29.5	43.8	58.8	74.4	90.2	105.9	121.5	137.5
20°	0.0	6.3	17.0	30.1	44.7	60.0	75.9	91.9	107.8	123.7	140.2
17.5°	0.0	6.4	17.3	30.6	45.6	61.0	77.2	93.3	109.5	125.6	142.6
15°	0.0	6.5	17.6	31.0	46.3	61.9	78.4	94.7	110.9	127.2	144.6
12.5°	0.0	6.5	17.8	31.4	47.0	62.6	79.5	95.9	112.2	128.5	146.3
10°	0.0	6.6	18.0	31.6	47.5	63.1	80.4	97.0	113.4	130.1	147.8
7.5°	0.0	6.6	18.2	31.8	47.9	63.5	81.1	97.8	114.3	131.4	149.5
5°	0.0	6.7	18.3	31.9	48.2	63.7	81.6	98.3	115.0	132.6	150.8
2.5°	0.0	6.7	18.4	31.9	48.4	63.7	81.9	98.7	115.4	133.4	151.7
0°	0.0	6.7	18.4	31.8	48.5	63.6	82.0	98.8	115.5	133.9	152.3
-2.5°	0.0	6.7	18.4	31.9	48.4	63.7	81.9	98.7	115.4	133.4	151.7
-5°	0.0	6.7	18.3	31.9	48.2	63.7	81.6	98.3	115.0	132.6	150.8
-7.5°	0.0	6.6	18.2	31.8	47.9	63.5	81.1	97.8	114.3	131.4	149.5
-10°	0.0	6.6	18.0	31.6	47.5	63.1	80.4	97.0	113.4	130.1	147.8
-12.5°	0.0	6.5	17.8	31.4	47.0	62.6	79.5	95.9	112.2	128.5	146.3
-15°	0.0	6.5	17.6	31.0	46.3	61.9	78.4	94.7	110.9	127.2	144.6
-17.5°	0.0	6.4	17.3	30.6	45.6	61.0	77.2	93.3	109.5	125.6	142.6
-20°	0.0	6.3	17.0	30.1	44.7	60.0	75.9	91.9	107.8	123.7	140.2

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Scaled Data Report



REPORT NUMBER: P626815 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA1E-750-U-MR-XX

CANDELA DISTRIBUTION (continued):

	-90°	-87.5°	-85°	-82.5°	-80°	-77.5°	-75°	-72.5°	-70°	-67.5°	-65°
-22.5°	0.0	6.2	16.6	29.5	43.8	58.8	74.4	90.2	105.9	121.5	137.5
-25°	0.0	6.1	16.2	28.8	42.7	57.4	72.8	88.3	103.8	119.1	134.4
-27.5°	0.0	5.9	15.8	28.0	41.6	55.8	70.9	86.3	101.4	116.4	131.4
-30°	0.0	5.8	15.3	27.2	40.4	54.1	68.9	84.0	98.7	113.4	128.0
-32.5°	0.0	5.7	14.7	26.2	39.1	52.3	66.6	81.4	95.9	110.2	124.4
-35°	0.0	5.5	14.2	25.2	37.6	50.3	64.2	78.6	92.8	106.7	120.5
-37.5°	0.0	5.3	13.6	24.0	36.0	48.3	61.7	75.5	89.5	103.0	116.5
-40°	0.0	5.1	12.9	22.8	34.4	46.2	59.0	72.2	86.0	99.0	112.2
-42.5°	0.0	4.9	12.2	21.6	32.6	44.0	56.1	68.7	82.1	94.9	107.7
-45°	0.0	4.7	11.5	20.2	30.8	41.7	53.1	65.1	77.9	90.6	102.9
-47.5°	0.0	4.5	10.8	18.8	28.9	39.2	50.0	61.4	73.3	85.9	97.8
-50°	0.0	4.3	10.0	17.5	26.9	36.6	46.9	57.7	68.7	80.7	92.3
-52.5°	0.0	4.1	9.2	16.3	24.9	34.0	43.6	53.7	64.1	75.2	86.5
-55°	0.0	3.8	8.4	15.1	22.7	31.3	40.2	49.7	59.4	69.6	80.2
-57.5°	0.0	3.6	7.6	13.8	20.5	28.5	36.7	45.5	54.6	64.0	73.7
-60°	0.0	3.3	6.7	12.5	18.3	25.7	33.1	41.2	49.6	58.2	67.2
-62.5°	0.0	3.1	6.2	11.2	16.5	22.8	29.7	36.8	44.6	52.3	60.5
-65°	0.0	2.8	5.7	9.8	14.7	19.9	26.1	32.5	39.5	46.5	53.6
-67.5°	0.0	2.6	5.1	8.4	12.8	17.2	22.5	28.3	34.2	40.7	47.0
-70°	0.0	2.3	4.6	7.0	10.9	14.9	18.9	24.1	29.4	34.7	40.4
-72.5°	0.0	2.0	4.0	6.0	9.0	12.5	15.9	19.8	24.6	29.2	33.8
-75°	0.0	1.7	3.5	5.2	7.1	10.0	13.0	16.1	19.6	23.7	27.7
-77.5°	0.0	1.4	2.9	4.3	5.8	7.6	10.0	12.6	15.4	18.3	21.5
-80°	0.0	1.2	2.3	3.5	4.6	5.8	7.1	9.1	11.2	13.5	15.8
-82.5°	0.0	0.9	1.7	2.6	3.5	4.3	5.2	6.0	7.0	8.6	10.2
-85°	0.0	0.6	1.2	1.7	2.3	2.9	3.5	4.0	4.6	5.1	5.7
-87.5°	0.0	0.3	0.6	0.9	1.2	1.4	1.7	2.0	2.3	2.6	2.8
-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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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°	3.1	3.3	3.6	3.8	4.1	4.3	4.5	4.7	4.9	5.1	5.3
85°	6.2	6.7	7.7	8.7	9.6	10.5	11.4	12.2	13.0	13.8	14.6
82.5°	11.8	13.4	14.9	16.3	17.7	19.1	20.4	21.7	22.9	24.1	25.2
80°	18.0	20.0	22.1	24.0	25.8	27.7	29.4	31.1	32.7	34.5	36.3
77.5°	24.4	27.1	29.5	31.6	34.0	36.8	39.6	42.2	44.7	47.2	49.4
75°	31.1	34.1	37.4	40.6	44.0	47.4	50.7	53.9	57.0	60.2	63.4
72.5°	38.2	42.2	46.1	50.0	54.2	58.4	62.2	65.7	69.6	73.9	77.9
70°	45.6	50.3	55.2	60.1	64.9	69.6	74.3	79.1	83.9	88.5	93.0
67.5°	53.1	59.0	64.7	70.3	75.7	81.3	86.9	92.6	98.2	103.5	108.6
65°	61.1	67.6	74.0	80.3	86.4	93.1	99.8	106.2	113.2	119.7	125.4
62.5°	68.8	76.2	83.3	90.3	97.7	105.2	112.9	121.0	129.4	135.4	140.6
60°	76.3	84.6	92.5	100.6	108.8	117.3	126.2	134.8	142.4	149.0	154.4
57.5°	83.6	92.9	101.6	110.5	119.5	129.1	138.8	147.6	154.7	161.1	167.0
55°	90.7	100.9	110.3	119.7	129.9	141.2	151.2	159.1	166.3	171.6	177.3
52.5°	97.4	108.4	118.2	128.7	140.4	152.1	162.0	169.7	175.8	181.2	186.8
50°	103.8	114.9	125.8	137.7	150.1	161.8	171.8	178.9	185.0	190.7	196.1
47.5°	109.6	121.2	133.4	146.2	159.1	170.7	180.4	187.5	193.9	199.7	205.6
45°	115.1	127.5	140.5	154.5	167.8	179.3	188.0	195.7	201.9	208.4	215.8
42.5°	120.4	133.6	147.8	162.7	176.2	186.7	195.1	202.6	209.7	217.6	225.8
40°	125.6	139.4	154.6	170.3	184.1	193.1	201.6	209.6	217.7	226.6	235.6
37.5°	130.4	145.2	161.1	177.4	189.8	199.3	208.1	216.9	226.0	235.6	246.8
35°	134.8	150.6	167.2	183.0	194.9	205.2	214.7	224.2	234.4	246.1	258.5
32.5°	139.1	155.4	172.9	187.7	199.6	210.6	221.0	231.8	243.5	256.3	270.5
30°	143.3	160.2	177.9	192.5	203.7	215.0	227.2	239.2	252.2	266.5	283.1
27.5°	147.5	164.7	182.1	196.3	207.4	218.8	231.9	246.5	260.7	276.4	295.6
25°	151.2	169.2	186.2	199.3	210.5	222.5	236.2	251.7	268.4	287.1	310.6
22.5°	154.8	173.3	190.1	201.9	213.1	225.7	240.4	256.8	275.0	296.7	325.4
20°	158.1	176.5	192.7	204.2	215.3	228.3	244.1	261.4	282.2	308.4	342.7
17.5°	161.0	179.2	194.5	206.1	217.5	230.9	247.3	265.2	288.6	318.7	359.3
15°	163.5	181.5	196.1	207.6	219.5	233.7	250.5	270.1	295.6	328.8	373.7
12.5°	165.5	183.2	197.4	208.7	221.0	235.7	253.2	274.7	302.6	339.8	393.1
10°	167.1	184.5	198.4	209.4	222.0	237.1	255.4	278.4	308.3	349.0	409.7
7.5°	168.7	185.6	199.2	209.6	222.6	237.7	256.9	280.9	312.5	355.9	422.9
5°	169.8	186.7	199.6	210.3	223.0	238.0	257.9	282.4	315.0	360.5	432.2
2.5°	170.5	187.3	199.6	210.7	223.0	238.1	259.1	283.2	317.9	364.4	437.5
0°	170.7	187.5	199.2	210.9	222.6	237.7	259.5	282.9	319.7	366.6	438.6
-2.5°	170.5	187.3	199.6	210.7	223.0	238.1	259.1	283.2	317.9	364.4	437.5
-5°	169.8	186.7	199.6	210.3	223.0	238.0	257.9	282.4	315.0	360.5	432.2
-7.5°	168.7	185.6	199.2	209.6	222.6	237.7	256.9	280.9	312.5	355.9	422.9
-10°	167.1	184.5	198.4	209.4	222.0	237.1	255.4	278.4	308.3	349.0	409.7
-12.5°	165.5	183.2	197.4	208.7	221.0	235.7	253.2	274.7	302.6	339.8	393.1
-15°	163.5	181.5	196.1	207.6	219.5	233.7	250.5	270.1	295.6	328.8	373.7
-17.5°	161.0	179.2	194.5	206.1	217.5	230.9	247.3	265.2	288.6	318.7	359.3
-20°	158.1	176.5	192.7	204.2	215.3	228.3	244.1	261.4	282.2	308.4	342.7



REPORT NUMBER: P626815 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA1E-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°	154.8	173.3	190.1	201.9	213.1	225.7	240.4	256.8	275.0	296.7	325.4
-25°	151.2	169.2	186.2	199.3	210.5	222.5	236.2	251.7	268.4	287.1	310.6
-27.5°	147.5	164.7	182.1	196.3	207.4	218.8	231.9	246.5	260.7	276.4	295.6
-30°	143.3	160.2	177.9	192.5	203.7	215.0	227.2	239.2	252.2	266.5	283.1
-32.5°	139.1	155.4	172.9	187.7	199.6	210.6	221.0	231.8	243.5	256.3	270.5
-35°	134.8	150.6	167.2	183.0	194.9	205.2	214.7	224.2	234.4	246.1	258.5
-37.5°	130.4	145.2	161.1	177.4	189.8	199.3	208.1	216.9	226.0	235.6	246.8
-40°	125.6	139.4	154.6	170.3	184.1	193.1	201.6	209.6	217.7	226.6	235.6
-42.5°	120.4	133.6	147.8	162.7	176.2	186.7	195.1	202.6	209.7	217.6	225.8
-45°	115.1	127.5	140.5	154.5	167.8	179.3	188.0	195.7	201.9	208.4	215.8
-47.5°	109.6	121.2	133.4	146.2	159.1	170.7	180.4	187.5	193.9	199.7	205.6
-50°	103.8	114.9	125.8	137.7	150.1	161.8	171.8	178.9	185.0	190.7	196.1
-52.5°	97.4	108.4	118.2	128.7	140.4	152.1	162.0	169.7	175.8	181.2	186.8
-55°	90.7	100.9	110.3	119.7	129.9	141.2	151.2	159.1	166.3	171.6	177.3
-57.5°	83.6	92.9	101.6	110.5	119.5	129.1	138.8	147.6	154.7	161.1	167.0
-60°	76.3	84.6	92.5	100.6	108.8	117.3	126.2	134.8	142.4	149.0	154.4
-62.5°	68.8	76.2	83.3	90.3	97.7	105.2	112.9	121.0	129.4	135.4	140.6
-65°	61.1	67.6	74.0	80.3	86.4	93.1	99.8	106.2	113.2	119.7	125.4
-67.5°	53.1	59.0	64.7	70.3	75.7	81.3	86.9	92.6	98.2	103.5	108.6
-70°	45.6	50.3	55.2	60.1	64.9	69.6	74.3	79.1	83.9	88.5	93.0
-72.5°	38.2	42.2	46.1	50.0	54.2	58.4	62.2	65.7	69.6	73.9	77.9
-75°	31.1	34.1	37.4	40.6	44.0	47.4	50.7	53.9	57.0	60.2	63.4
-77.5°	24.4	27.1	29.5	31.6	34.0	36.8	39.6	42.2	44.7	47.2	49.4
-80°	18.0	20.0	22.1	24.0	25.8	27.7	29.4	31.1	32.7	34.5	36.3
-82.5°	11.8	13.4	14.9	16.3	17.7	19.1	20.4	21.7	22.9	24.1	25.2
-85°	6.2	6.7	7.7	8.7	9.6	10.5	11.4	12.2	13.0	13.8	14.6
-87.5°	3.1	3.3	3.6	3.8	4.1	4.3	4.5	4.7	4.9	5.1	5.3
-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: P626815 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA1E-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°	5.5	5.7	5.8	5.9	6.1	6.2	6.3	6.4	6.5	6.5	6.6
85°	15.2	15.9	16.5	17.1	17.6	17.7	17.7	17.7	17.6	17.8	18.0
82.5°	26.2	27.4	28.6	29.8	30.9	31.3	31.6	31.8	32.0	32.4	32.8
80°	38.0	39.9	41.6	43.1	44.5	45.5	46.4	47.2	47.9	48.2	48.4
77.5°	51.8	54.0	56.1	58.1	59.9	61.3	62.5	63.4	64.1	64.6	64.9
75°	66.6	69.4	71.9	74.3	76.4	78.0	79.0	79.8	80.4	80.9	81.4
72.5°	81.5	84.7	87.7	90.6	93.1	94.9	96.1	97.1	97.8	98.4	98.7
70°	97.2	101.1	104.4	107.3	109.6	111.2	112.5	113.6	114.4	114.9	115.2
67.5°	113.5	117.6	120.8	123.3	125.3	127.1	128.7	129.9	130.7	131.5	132.4
65°	130.1	134.3	137.5	140.1	142.3	144.6	146.7	148.3	149.3	150.2	151.2
62.5°	145.7	150.5	154.2	157.6	161.1	164.4	166.3	167.8	168.9	169.8	170.9
60°	159.9	165.3	169.8	174.0	178.3	182.6	184.3	185.7	187.0	188.2	189.3
57.5°	172.5	178.2	183.7	187.8	191.9	195.9	198.7	200.2	201.2	201.8	202.2
55°	183.4	189.2	194.6	199.4	203.8	207.9	211.0	212.5	213.6	214.3	214.7
52.5°	193.2	199.3	205.2	210.5	215.3	219.7	223.5	225.6	227.2	228.4	228.8
50°	202.8	209.5	215.8	221.5	227.0	232.4	237.3	240.1	242.0	243.3	243.7
47.5°	212.9	220.1	227.0	233.5	239.9	246.2	251.9	255.8	258.6	260.8	262.3
45°	223.4	231.2	238.7	246.5	253.7	261.8	269.2	274.8	278.9	282.5	285.4
42.5°	233.9	242.7	251.4	261.3	271.2	280.5	289.2	296.6	303.4	310.1	315.3
40°	245.4	255.0	266.9	278.7	290.9	301.6	314.3	325.7	336.2	347.5	356.8
37.5°	257.9	270.2	284.3	298.4	314.3	329.8	347.5	365.1	380.3	400.0	415.9
35°	271.5	287.1	303.8	322.8	343.3	367.4	392.3	421.5	446.3	477.7	506.7
32.5°	286.7	305.1	326.7	352.8	380.4	419.3	455.8	505.2	547.5	602.0	661.6
30°	302.2	325.9	355.3	388.9	435.8	490.9	555.2	638.8	729.3	822.8	948.8
27.5°	320.5	351.3	388.0	440.0	510.0	586.3	717.3	858.7	1055.7	1211.7	1489.5
25°	340.3	378.3	432.5	507.9	604.7	759.1	980.2	1236.2	1630.4	1981.1	2384.1
22.5°	363.7	415.3	487.1	585.8	754.5	1020.2	1365.3	1891.0	2475.4	3052.2	3579.4
20°	388.4	450.8	551.1	712.0	972.7	1356.9	1972.6	2723.8	3499.6	4290.0	4956.1
17.5°	417.3	502.0	634.2	847.9	1219.7	1877.7	2700.0	3655.2	4668.7	5677.4	6553.5
15°	442.2	546.8	724.9	1044.8	1599.4	2422.3	3433.0	4639.4	5914.0	7223.0	8641.6
12.5°	473.9	600.7	818.2	1207.7	1936.3	3005.8	4242.5	5643.1	7199.6	8937.6	11149.4
10°	502.9	657.3	941.0	1468.6	2341.2	3550.9	4941.7	6530.7	8549.6	11161.5	13829.4
7.5°	526.2	702.2	1036.3	1672.2	2680.7	4016.6	5571.3	7476.5	9995.2	13105.3	16153.6
5°	542.4	733.3	1104.4	1826.1	2953.9	4372.5	6018.2	8173.7	11213.6	14696.4	17808.9
2.5°	552.6	750.3	1137.8	1917.4	3132.0	4586.6	6296.9	8616.7	11960.4	15709.3	18860.5
0°	557.4	753.3	1116.5	1961.8	3157.0	4571.5	6322.4	8764.7	12137.6	15984.3	19122.9
-2.5°	552.6	750.3	1137.8	1917.4	3132.0	4586.6	6296.9	8616.7	11960.4	15709.3	18860.5
-5°	542.4	733.3	1104.4	1826.1	2953.9	4372.5	6018.2	8173.7	11213.6	14696.4	17808.9
-7.5°	526.2	702.2	1036.3	1672.2	2680.7	4016.6	5571.3	7476.5	9995.2	13105.3	16153.6
-10°	502.9	657.3	941.0	1468.6	2341.2	3550.9	4941.7	6530.7	8549.6	11161.5	13829.4
-12.5°	473.9	600.7	818.2	1207.7	1936.3	3005.8	4242.5	5643.1	7199.6	8937.6	11149.4
-15°	442.2	546.8	724.9	1044.8	1599.4	2422.3	3433.0	4639.4	5914.0	7223.0	8641.6
-17.5°	417.3	502.0	634.2	847.9	1219.7	1877.7	2700.0	3655.2	4668.7	5677.4	6553.5
-20°	388.4	450.8	551.1	712.0	972.7	1356.9	1972.6	2723.8	3499.6	4290.0	4956.1

Classified

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

Scaled Data Report



REPORT NUMBER: P626815 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA1E-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°	363.7	415.3	487.1	585.8	754.5	1020.2	1365.3	1891.0	2475.4	3052.2	3579.4
-25°	340.3	378.3	432.5	507.9	604.7	759.1	980.2	1236.2	1630.4	1981.1	2384.1
-27.5°	320.5	351.3	388.0	440.0	510.0	586.3	717.3	858.7	1055.7	1211.7	1489.5
-30°	302.2	325.9	355.3	388.9	435.8	490.9	555.2	638.8	729.3	822.8	948.8
-32.5°	286.7	305.1	326.7	352.8	380.4	419.3	455.8	505.2	547.5	602.0	661.6
-35°	271.5	287.1	303.8	322.8	343.3	367.4	392.3	421.5	446.3	477.7	506.7
-37.5°	257.9	270.2	284.3	298.4	314.3	329.8	347.5	365.1	380.3	400.0	415.9
-40°	245.4	255.0	266.9	278.7	290.9	301.6	314.3	325.7	336.2	347.5	356.8
-42.5°	233.9	242.7	251.4	261.3	271.2	280.5	289.2	296.6	303.4	310.1	315.3
-45°	223.4	231.2	238.7	246.5	253.7	261.8	269.2	274.8	278.9	282.5	285.4
-47.5°	212.9	220.1	227.0	233.5	239.9	246.2	251.9	255.8	258.6	260.8	262.3
-50°	202.8	209.5	215.8	221.5	227.0	232.4	237.3	240.1	242.0	243.3	243.7
-52.5°	193.2	199.3	205.2	210.5	215.3	219.7	223.5	225.6	227.2	228.4	228.8
-55°	183.4	189.2	194.6	199.4	203.8	207.9	211.0	212.5	213.6	214.3	214.7
-57.5°	172.5	178.2	183.7	187.8	191.9	195.9	198.7	200.2	201.2	201.8	202.2
-60°	159.9	165.3	169.8	174.0	178.3	182.6	184.3	185.7	187.0	188.2	189.3
-62.5°	145.7	150.5	154.2	157.6	161.1	164.4	166.3	167.8	168.9	169.8	170.9
-65°	130.1	134.3	137.5	140.1	142.3	144.6	146.7	148.3	149.3	150.2	151.2
-67.5°	113.5	117.6	120.8	123.3	125.3	127.1	128.7	129.9	130.7	131.5	132.4
-70°	97.2	101.1	104.4	107.3	109.6	111.2	112.5	113.6	114.4	114.9	115.2
-72.5°	81.5	84.7	87.7	90.6	93.1	94.9	96.1	97.1	97.8	98.4	98.7
-75°	66.6	69.4	71.9	74.3	76.4	78.0	79.0	79.8	80.4	80.9	81.4
-77.5°	51.8	54.0	56.1	58.1	59.9	61.3	62.5	63.4	64.1	64.6	64.9
-80°	38.0	39.9	41.6	43.1	44.5	45.5	46.4	47.2	47.9	48.2	48.4
-82.5°	26.2	27.4	28.6	29.8	30.9	31.3	31.6	31.8	32.0	32.4	32.8
-85°	15.2	15.9	16.5	17.1	17.6	17.7	17.7	17.7	17.6	17.8	18.0
-87.5°	5.5	5.7	5.8	5.9	6.1	6.2	6.3	6.4	6.5	6.5	6.6
-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: P626815 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA1E-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°	6.6	6.7	6.7	6.7	6.7	6.7	6.6	6.6	6.5	6.5	6.4
85°	18.2	18.3	18.4	18.4	18.4	18.3	18.2	18.0	17.8	17.6	17.7
82.5°	33.1	33.3	33.5	33.5	33.5	33.3	33.1	32.8	32.4	32.0	31.8
80°	48.4	48.3	48.4	48.5	48.4	48.3	48.4	48.4	48.2	47.9	47.2
77.5°	65.0	65.0	65.2	65.3	65.2	65.0	65.0	64.9	64.6	64.1	63.4
75°	81.6	81.6	81.9	82.0	81.9	81.6	81.6	81.4	80.9	80.4	79.8
72.5°	98.7	98.4	98.7	98.8	98.7	98.4	98.7	98.7	98.4	97.8	97.1
70°	115.3	115.1	116.2	117.2	116.2	115.1	115.3	115.2	114.9	114.4	113.6
67.5°	133.0	133.3	134.5	135.6	134.5	133.3	133.0	132.4	131.5	130.7	129.9
65°	151.7	151.7	152.9	154.0	152.9	151.7	151.7	151.2	150.2	149.3	148.3
62.5°	171.5	171.7	172.9	174.1	172.9	171.7	171.5	170.9	169.8	168.9	167.8
60°	190.0	190.1	190.6	190.8	190.6	190.1	190.0	189.3	188.2	187.0	185.7
57.5°	202.4	202.2	202.3	202.5	202.3	202.2	202.4	202.2	201.8	201.2	200.2
55°	214.7	214.1	213.5	212.6	213.5	214.1	214.7	214.7	214.3	213.6	212.5
52.5°	228.5	227.6	226.8	226.0	226.8	227.6	228.5	228.8	228.4	227.2	225.6
50°	243.4	242.6	241.8	241.0	241.8	242.6	243.4	243.7	243.3	242.0	240.1
47.5°	263.3	263.7	263.5	262.8	263.5	263.7	263.3	262.3	260.8	258.6	255.8
45°	287.5	288.4	288.6	287.9	288.6	288.4	287.5	285.4	282.5	278.9	274.8
42.5°	319.0	321.1	322.3	323.1	322.3	321.1	319.0	315.3	310.1	303.4	296.6
40°	363.6	367.9	370.7	373.3	370.7	367.9	363.6	356.8	347.5	336.2	325.7
37.5°	427.7	435.5	439.0	436.9	439.0	435.5	427.7	415.9	400.0	380.3	365.1
35°	529.0	544.0	551.7	552.4	551.7	544.0	529.0	506.7	477.7	446.3	421.5
32.5°	705.7	736.2	752.7	754.9	752.7	736.2	705.7	661.6	602.0	547.5	505.2
30°	1045.3	1107.6	1136.9	1129.9	1136.9	1107.6	1045.3	948.8	822.8	729.3	638.8
27.5°	1705.4	1860.7	1952.8	1960.2	1952.8	1860.7	1705.4	1489.5	1211.7	1055.7	858.7
25°	2741.0	3006.2	3176.0	3178.8	3176.0	3006.2	2741.0	2384.1	1981.1	1630.4	1236.2
22.5°	4066.8	4428.9	4627.3	4661.9	4627.3	4428.9	4066.8	3579.4	3052.2	2475.4	1891.0
20°	5602.9	6084.5	6342.2	6342.5	6342.2	6084.5	5602.9	4956.1	4290.0	3499.6	2723.8
17.5°	7494.6	8276.7	8767.6	8978.9	8767.6	8276.7	7494.6	6553.5	5677.4	4668.7	3655.2
15°	10007.8	11322.0	12109.5	12251.5	12109.5	11322.0	10007.8	8641.6	7223.0	5914.0	4639.4
12.5°	13067.9	14731.0	15849.0	16258.8	15849.0	14731.0	13067.9	11149.4	8937.6	7199.6	5643.1
10°	16262.9	17803.9	19001.7	19404.1	19001.7	17803.9	16262.9	13829.4	11161.5	8549.6	6530.7
7.5°	18571.0	20408.6	21757.8	22350.2	21757.8	20408.6	18571.0	16153.6	13105.3	9995.2	7476.5
5°	20393.0	22567.4	23823.3	24380.7	23823.3	22567.4	20393.0	17808.9	14696.4	11213.6	8173.7
2.5°	21588.5	23737.0	25066.9	25580.9	25066.9	23737.0	21588.5	18860.5	15709.3	11960.4	8616.7
0°	22035.5	24136.3	25450.3	26078.1	25450.3	24136.3	22035.5	19122.9	15984.3	12137.6	8764.7
-2.5°	21588.5	23737.0	25066.9	25580.9	25066.9	23737.0	21588.5	18860.5	15709.3	11960.4	8616.7
-5°	20393.0	22567.4	23823.3	24380.7	23823.3	22567.4	20393.0	17808.9	14696.4	11213.6	8173.7
-7.5°	18571.0	20408.6	21757.8	22350.2	21757.8	20408.6	18571.0	16153.6	13105.3	9995.2	7476.5
-10°	16262.9	17803.9	19001.7	19404.1	19001.7	17803.9	16262.9	13829.4	11161.5	8549.6	6530.7
-12.5°	13067.9	14731.0	15849.0	16258.8	15849.0	14731.0	13067.9	11149.4	8937.6	7199.6	5643.1
-15°	10007.8	11322.0	12109.5	12251.5	12109.5	11322.0	10007.8	8641.6	7223.0	5914.0	4639.4
-17.5°	7494.6	8276.7	8767.6	8978.9	8767.6	8276.7	7494.6	6553.5	5677.4	4668.7	3655.2
-20°	5602.9	6084.5	6342.2	6342.5	6342.2	6084.5	5602.9	4956.1	4290.0	3499.6	2723.8



REPORT NUMBER: P626815 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA1E-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°	4066.8	4428.9	4627.3	4661.9	4627.3	4428.9	4066.8	3579.4	3052.2	2475.4	1891.0
-25°	2741.0	3006.2	3176.0	3178.8	3176.0	3006.2	2741.0	2384.1	1981.1	1630.4	1236.2
-27.5°	1705.4	1860.7	1952.8	1960.2	1952.8	1860.7	1705.4	1489.5	1211.7	1055.7	858.7
-30°	1045.3	1107.6	1136.9	1129.9	1136.9	1107.6	1045.3	948.8	822.8	729.3	638.8
-32.5°	705.7	736.2	752.7	754.9	752.7	736.2	705.7	661.6	602.0	547.5	505.2
-35°	529.0	544.0	551.7	552.4	551.7	544.0	529.0	506.7	477.7	446.3	421.5
-37.5°	427.7	435.5	439.0	436.9	439.0	435.5	427.7	415.9	400.0	380.3	365.1
-40°	363.6	367.9	370.7	373.3	370.7	367.9	363.6	356.8	347.5	336.2	325.7
-42.5°	319.0	321.1	322.3	323.1	322.3	321.1	319.0	315.3	310.1	303.4	296.6
-45°	287.5	288.4	288.6	287.9	288.6	288.4	287.5	285.4	282.5	278.9	274.8
-47.5°	263.3	263.7	263.5	262.8	263.5	263.7	263.3	262.3	260.8	258.6	255.8
-50°	243.4	242.6	241.8	241.0	241.8	242.6	243.4	243.7	243.3	242.0	240.1
-52.5°	228.5	227.6	226.8	226.0	226.8	227.6	228.5	228.8	228.4	227.2	225.6
-55°	214.7	214.1	213.5	212.6	213.5	214.1	214.7	214.7	214.3	213.6	212.5
-57.5°	202.4	202.2	202.3	202.5	202.3	202.2	202.4	202.2	201.8	201.2	200.2
-60°	190.0	190.1	190.6	190.8	190.6	190.1	190.0	189.3	188.2	187.0	185.7
-62.5°	171.5	171.7	172.9	174.1	172.9	171.7	171.5	170.9	169.8	168.9	167.8
-65°	151.7	151.7	152.9	154.0	152.9	151.7	151.7	151.2	150.2	149.3	148.3
-67.5°	133.0	133.3	134.5	135.6	134.5	133.3	133.0	132.4	131.5	130.7	129.9
-70°	115.3	115.1	116.2	117.2	116.2	115.1	115.3	115.2	114.9	114.4	113.6
-72.5°	98.7	98.4	98.7	98.8	98.7	98.4	98.7	98.7	98.4	97.8	97.1
-75°	81.6	81.6	81.9	82.0	81.9	81.6	81.6	81.4	80.9	80.4	79.8
-77.5°	65.0	65.0	65.2	65.3	65.2	65.0	65.0	64.9	64.6	64.1	63.4
-80°	48.4	48.3	48.4	48.5	48.4	48.3	48.4	48.4	48.2	47.9	47.2
-82.5°	33.1	33.3	33.5	33.5	33.5	33.3	33.1	32.8	32.4	32.0	31.8
-85°	18.2	18.3	18.4	18.4	18.4	18.3	18.2	18.0	17.8	17.6	17.7
-87.5°	6.6	6.7	6.7	6.7	6.7	6.7	6.6	6.6	6.5	6.5	6.4
-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: P626815 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA1E-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°	6.3	6.2	6.1	5.9	5.8	5.7	5.5	5.3	5.1	4.9	4.7
85°	17.7	17.7	17.6	17.1	16.5	15.9	15.2	14.6	13.8	13.0	12.2
82.5°	31.6	31.3	30.9	29.8	28.6	27.4	26.2	25.2	24.1	22.9	21.7
80°	46.4	45.5	44.5	43.1	41.6	39.9	38.0	36.3	34.5	32.7	31.1
77.5°	62.5	61.3	59.9	58.1	56.1	54.0	51.8	49.4	47.2	44.7	42.2
75°	79.0	78.0	76.4	74.3	71.9	69.4	66.6	63.4	60.2	57.0	53.9
72.5°	96.1	94.9	93.1	90.6	87.7	84.7	81.5	77.9	73.9	69.6	65.7
70°	112.5	111.2	109.6	107.3	104.4	101.1	97.2	93.0	88.5	83.9	79.1
67.5°	128.7	127.1	125.3	123.3	120.8	117.6	113.5	108.6	103.5	98.2	92.6
65°	146.7	144.6	142.3	140.1	137.5	134.3	130.1	125.4	119.7	113.2	106.2
62.5°	166.3	164.4	161.1	157.6	154.2	150.5	145.7	140.6	135.4	129.4	121.0
60°	184.3	182.6	178.3	174.0	169.8	165.3	159.9	154.4	149.0	142.4	134.8
57.5°	198.7	195.9	191.9	187.8	183.7	178.2	172.5	167.0	161.1	154.7	147.6
55°	211.0	207.9	203.8	199.4	194.6	189.2	183.4	177.3	171.6	166.3	159.1
52.5°	223.5	219.7	215.3	210.5	205.2	199.3	193.2	186.8	181.2	175.8	169.7
50°	237.3	232.4	227.0	221.5	215.8	209.5	202.8	196.1	190.7	185.0	178.9
47.5°	251.9	246.2	239.9	233.5	227.0	220.1	212.9	205.6	199.7	193.9	187.5
45°	269.2	261.8	253.7	246.5	238.7	231.2	223.4	215.8	208.4	201.9	195.7
42.5°	289.2	280.5	271.2	261.3	251.4	242.7	233.9	225.8	217.6	209.7	202.6
40°	314.3	301.6	290.9	278.7	266.9	255.0	245.4	235.6	226.6	217.7	209.6
37.5°	347.5	329.8	314.3	298.4	284.3	270.2	257.9	246.8	235.6	226.0	216.9
35°	392.3	367.4	343.3	322.8	303.8	287.1	271.5	258.5	246.1	234.4	224.2
32.5°	455.8	419.3	380.4	352.8	326.7	305.1	286.7	270.5	256.3	243.5	231.8
30°	555.2	490.9	435.8	388.9	355.3	325.9	302.2	283.1	266.5	252.2	239.2
27.5°	717.3	586.3	510.0	440.0	388.0	351.3	320.5	295.6	276.4	260.7	246.5
25°	980.2	759.1	604.7	507.9	432.5	378.3	340.3	310.6	287.1	268.4	251.7
22.5°	1365.3	1020.2	754.5	585.8	487.1	415.3	363.7	325.4	296.7	275.0	256.8
20°	1972.6	1356.9	972.7	712.0	551.1	450.8	388.4	342.7	308.4	282.2	261.4
17.5°	2700.0	1877.7	1219.7	847.9	634.2	502.0	417.3	359.3	318.7	288.6	265.2
15°	3433.0	2422.3	1599.4	1044.8	724.9	546.8	442.2	373.7	328.8	295.6	270.1
12.5°	4242.5	3005.8	1936.3	1207.7	818.2	600.7	473.9	393.1	339.8	302.6	274.7
10°	4941.7	3550.9	2341.2	1468.6	941.0	657.3	502.9	409.7	349.0	308.3	278.4
7.5°	5571.3	4016.6	2680.7	1672.2	1036.3	702.2	526.2	422.9	355.9	312.5	280.9
5°	6018.2	4372.5	2953.9	1826.1	1104.4	733.3	542.4	432.2	360.5	315.0	282.4
2.5°	6296.9	4586.6	3132.0	1917.4	1137.8	750.3	552.6	437.5	364.4	317.9	283.2
0°	6322.4	4571.5	3157.0	1961.8	1116.5	753.3	557.4	438.6	366.6	319.7	282.9
-2.5°	6296.9	4586.6	3132.0	1917.4	1137.8	750.3	552.6	437.5	364.4	317.9	283.2
-5°	6018.2	4372.5	2953.9	1826.1	1104.4	733.3	542.4	432.2	360.5	315.0	282.4
-7.5°	5571.3	4016.6	2680.7	1672.2	1036.3	702.2	526.2	422.9	355.9	312.5	280.9
-10°	4941.7	3550.9	2341.2	1468.6	941.0	657.3	502.9	409.7	349.0	308.3	278.4
-12.5°	4242.5	3005.8	1936.3	1207.7	818.2	600.7	473.9	393.1	339.8	302.6	274.7
-15°	3433.0	2422.3	1599.4	1044.8	724.9	546.8	442.2	373.7	328.8	295.6	270.1
-17.5°	2700.0	1877.7	1219.7	847.9	634.2	502.0	417.3	359.3	318.7	288.6	265.2
-20°	1972.6	1356.9	972.7	712.0	551.1	450.8	388.4	342.7	308.4	282.2	261.4

Classified

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

Scaled Data Report



REPORT NUMBER: P626815 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA1E-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°	1365.3	1020.2	754.5	585.8	487.1	415.3	363.7	325.4	296.7	275.0	256.8
-25°	980.2	759.1	604.7	507.9	432.5	378.3	340.3	310.6	287.1	268.4	251.7
-27.5°	717.3	586.3	510.0	440.0	388.0	351.3	320.5	295.6	276.4	260.7	246.5
-30°	555.2	490.9	435.8	388.9	355.3	325.9	302.2	283.1	266.5	252.2	239.2
-32.5°	455.8	419.3	380.4	352.8	326.7	305.1	286.7	270.5	256.3	243.5	231.8
-35°	392.3	367.4	343.3	322.8	303.8	287.1	271.5	258.5	246.1	234.4	224.2
-37.5°	347.5	329.8	314.3	298.4	284.3	270.2	257.9	246.8	235.6	226.0	216.9
-40°	314.3	301.6	290.9	278.7	266.9	255.0	245.4	235.6	226.6	217.7	209.6
-42.5°	289.2	280.5	271.2	261.3	251.4	242.7	233.9	225.8	217.6	209.7	202.6
-45°	269.2	261.8	253.7	246.5	238.7	231.2	223.4	215.8	208.4	201.9	195.7
-47.5°	251.9	246.2	239.9	233.5	227.0	220.1	212.9	205.6	199.7	193.9	187.5
-50°	237.3	232.4	227.0	221.5	215.8	209.5	202.8	196.1	190.7	185.0	178.9
-52.5°	223.5	219.7	215.3	210.5	205.2	199.3	193.2	186.8	181.2	175.8	169.7
-55°	211.0	207.9	203.8	199.4	194.6	189.2	183.4	177.3	171.6	166.3	159.1
-57.5°	198.7	195.9	191.9	187.8	183.7	178.2	172.5	167.0	161.1	154.7	147.6
-60°	184.3	182.6	178.3	174.0	169.8	165.3	159.9	154.4	149.0	142.4	134.8
-62.5°	166.3	164.4	161.1	157.6	154.2	150.5	145.7	140.6	135.4	129.4	121.0
-65°	146.7	144.6	142.3	140.1	137.5	134.3	130.1	125.4	119.7	113.2	106.2
-67.5°	128.7	127.1	125.3	123.3	120.8	117.6	113.5	108.6	103.5	98.2	92.6
-70°	112.5	111.2	109.6	107.3	104.4	101.1	97.2	93.0	88.5	83.9	79.1
-72.5°	96.1	94.9	93.1	90.6	87.7	84.7	81.5	77.9	73.9	69.6	65.7
-75°	79.0	78.0	76.4	74.3	71.9	69.4	66.6	63.4	60.2	57.0	53.9
-77.5°	62.5	61.3	59.9	58.1	56.1	54.0	51.8	49.4	47.2	44.7	42.2
-80°	46.4	45.5	44.5	43.1	41.6	39.9	38.0	36.3	34.5	32.7	31.1
-82.5°	31.6	31.3	30.9	29.8	28.6	27.4	26.2	25.2	24.1	22.9	21.7
-85°	17.7	17.7	17.6	17.1	16.5	15.9	15.2	14.6	13.8	13.0	12.2
-87.5°	6.3	6.2	6.1	5.9	5.8	5.7	5.5	5.3	5.1	4.9	4.7
-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: P626815 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA1E-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°	4.5	4.3	4.1	3.8	3.6	3.3	3.1	2.8	2.6	2.3	2.0
85°	11.4	10.5	9.6	8.7	7.7	6.7	6.2	5.7	5.1	4.6	4.0
82.5°	20.4	19.1	17.7	16.3	14.9	13.4	11.8	10.2	8.6	7.0	6.0
80°	29.4	27.7	25.8	24.0	22.1	20.0	18.0	15.8	13.5	11.2	9.1
77.5°	39.6	36.8	34.0	31.6	29.5	27.1	24.4	21.5	18.3	15.4	12.6
75°	50.7	47.4	44.0	40.6	37.4	34.1	31.1	27.7	23.7	19.6	16.1
72.5°	62.2	58.4	54.2	50.0	46.1	42.2	38.2	33.8	29.2	24.6	19.8
70°	74.3	69.6	64.9	60.1	55.2	50.3	45.6	40.4	34.7	29.4	24.1
67.5°	86.9	81.3	75.7	70.3	64.7	59.0	53.1	47.0	40.7	34.2	28.3
65°	99.8	93.1	86.4	80.3	74.0	67.6	61.1	53.6	46.5	39.5	32.5
62.5°	112.9	105.2	97.7	90.3	83.3	76.2	68.8	60.5	52.3	44.6	36.8
60°	126.2	117.3	108.8	100.6	92.5	84.6	76.3	67.2	58.2	49.6	41.2
57.5°	138.8	129.1	119.5	110.5	101.6	92.9	83.6	73.7	64.0	54.6	45.5
55°	151.2	141.2	129.9	119.7	110.3	100.9	90.7	80.2	69.6	59.4	49.7
52.5°	162.0	152.1	140.4	128.7	118.2	108.4	97.4	86.5	75.2	64.1	53.7
50°	171.8	161.8	150.1	137.7	125.8	114.9	103.8	92.3	80.7	68.7	57.7
47.5°	180.4	170.7	159.1	146.2	133.4	121.2	109.6	97.8	85.9	73.3	61.4
45°	188.0	179.3	167.8	154.5	140.5	127.5	115.1	102.9	90.6	77.9	65.1
42.5°	195.1	186.7	176.2	162.7	147.8	133.6	120.4	107.7	94.9	82.1	68.7
40°	201.6	193.1	184.1	170.3	154.6	139.4	125.6	112.2	99.0	86.0	72.2
37.5°	208.1	199.3	189.8	177.4	161.1	145.2	130.4	116.5	103.0	89.5	75.5
35°	214.7	205.2	194.9	183.0	167.2	150.6	134.8	120.5	106.7	92.8	78.6
32.5°	221.0	210.6	199.6	187.7	172.9	155.4	139.1	124.4	110.2	95.9	81.4
30°	227.2	215.0	203.7	192.5	177.9	160.2	143.3	128.0	113.4	98.7	84.0
27.5°	231.9	218.8	207.4	196.3	182.1	164.7	147.5	131.4	116.4	101.4	86.3
25°	236.2	222.5	210.5	199.3	186.2	169.2	151.2	134.4	119.1	103.8	88.3
22.5°	240.4	225.7	213.1	201.9	190.1	173.3	154.8	137.5	121.5	105.9	90.2
20°	244.1	228.3	215.3	204.2	192.7	176.5	158.1	140.2	123.7	107.8	91.9
17.5°	247.3	230.9	217.5	206.1	194.5	179.2	161.0	142.6	125.6	109.5	93.3
15°	250.5	233.7	219.5	207.6	196.1	181.5	163.5	144.6	127.2	110.9	94.7
12.5°	253.2	235.7	221.0	208.7	197.4	183.2	165.5	146.3	128.5	112.2	95.9
10°	255.4	237.1	222.0	209.4	198.4	184.5	167.1	147.8	130.1	113.4	97.0
7.5°	256.9	237.7	222.6	209.6	199.2	185.6	168.7	149.5	131.4	114.3	97.8
5°	257.9	238.0	223.0	210.3	199.6	186.7	169.8	150.8	132.6	115.0	98.3
2.5°	259.1	238.1	223.0	210.7	199.6	187.3	170.5	151.7	133.4	115.4	98.7
0°	259.5	237.7	222.6	210.9	199.2	187.5	170.7	152.3	133.9	115.5	98.8
-2.5°	259.1	238.1	223.0	210.7	199.6	187.3	170.5	151.7	133.4	115.4	98.7
-5°	257.9	238.0	223.0	210.3	199.6	186.7	169.8	150.8	132.6	115.0	98.3
-7.5°	256.9	237.7	222.6	209.6	199.2	185.6	168.7	149.5	131.4	114.3	97.8
-10°	255.4	237.1	222.0	209.4	198.4	184.5	167.1	147.8	130.1	113.4	97.0
-12.5°	253.2	235.7	221.0	208.7	197.4	183.2	165.5	146.3	128.5	112.2	95.9
-15°	250.5	233.7	219.5	207.6	196.1	181.5	163.5	144.6	127.2	110.9	94.7
-17.5°	247.3	230.9	217.5	206.1	194.5	179.2	161.0	142.6	125.6	109.5	93.3
-20°	244.1	228.3	215.3	204.2	192.7	176.5	158.1	140.2	123.7	107.8	91.9

Classified

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



REPORT NUMBER: P626815 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA1E-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°	240.4	225.7	213.1	201.9	190.1	173.3	154.8	137.5	121.5	105.9	90.2
-25°	236.2	222.5	210.5	199.3	186.2	169.2	151.2	134.4	119.1	103.8	88.3
-27.5°	231.9	218.8	207.4	196.3	182.1	164.7	147.5	131.4	116.4	101.4	86.3
-30°	227.2	215.0	203.7	192.5	177.9	160.2	143.3	128.0	113.4	98.7	84.0
-32.5°	221.0	210.6	199.6	187.7	172.9	155.4	139.1	124.4	110.2	95.9	81.4
-35°	214.7	205.2	194.9	183.0	167.2	150.6	134.8	120.5	106.7	92.8	78.6
-37.5°	208.1	199.3	189.8	177.4	161.1	145.2	130.4	116.5	103.0	89.5	75.5
-40°	201.6	193.1	184.1	170.3	154.6	139.4	125.6	112.2	99.0	86.0	72.2
-42.5°	195.1	186.7	176.2	162.7	147.8	133.6	120.4	107.7	94.9	82.1	68.7
-45°	188.0	179.3	167.8	154.5	140.5	127.5	115.1	102.9	90.6	77.9	65.1
-47.5°	180.4	170.7	159.1	146.2	133.4	121.2	109.6	97.8	85.9	73.3	61.4
-50°	171.8	161.8	150.1	137.7	125.8	114.9	103.8	92.3	80.7	68.7	57.7
-52.5°	162.0	152.1	140.4	128.7	118.2	108.4	97.4	86.5	75.2	64.1	53.7
-55°	151.2	141.2	129.9	119.7	110.3	100.9	90.7	80.2	69.6	59.4	49.7
-57.5°	138.8	129.1	119.5	110.5	101.6	92.9	83.6	73.7	64.0	54.6	45.5
-60°	126.2	117.3	108.8	100.6	92.5	84.6	76.3	67.2	58.2	49.6	41.2
-62.5°	112.9	105.2	97.7	90.3	83.3	76.2	68.8	60.5	52.3	44.6	36.8
-65°	99.8	93.1	86.4	80.3	74.0	67.6	61.1	53.6	46.5	39.5	32.5
-67.5°	86.9	81.3	75.7	70.3	64.7	59.0	53.1	47.0	40.7	34.2	28.3
-70°	74.3	69.6	64.9	60.1	55.2	50.3	45.6	40.4	34.7	29.4	24.1
-72.5°	62.2	58.4	54.2	50.0	46.1	42.2	38.2	33.8	29.2	24.6	19.8
-75°	50.7	47.4	44.0	40.6	37.4	34.1	31.1	27.7	23.7	19.6	16.1
-77.5°	39.6	36.8	34.0	31.6	29.5	27.1	24.4	21.5	18.3	15.4	12.6
-80°	29.4	27.7	25.8	24.0	22.1	20.0	18.0	15.8	13.5	11.2	9.1
-82.5°	20.4	19.1	17.7	16.3	14.9	13.4	11.8	10.2	8.6	7.0	6.0
-85°	11.4	10.5	9.6	8.7	7.7	6.7	6.2	5.7	5.1	4.6	4.0
-87.5°	4.5	4.3	4.1	3.8	3.6	3.3	3.1	2.8	2.6	2.3	2.0
-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: P626815 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA1E-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°	1.7	1.4	1.2	0.9	0.6	0.3	0.0
85°	3.5	2.9	2.3	1.7	1.2	0.6	0.0
82.5°	5.2	4.3	3.5	2.6	1.7	0.9	0.0
80°	7.1	5.8	4.6	3.5	2.3	1.2	0.0
77.5°	10.0	7.6	5.8	4.3	2.9	1.4	0.0
75°	13.0	10.0	7.1	5.2	3.5	1.7	0.0
72.5°	15.9	12.5	9.0	6.0	4.0	2.0	0.0
70°	18.9	14.9	10.9	7.0	4.6	2.3	0.0
67.5°	22.5	17.2	12.8	8.4	5.1	2.6	0.0
65°	26.1	19.9	14.7	9.8	5.7	2.8	0.0
62.5°	29.7	22.8	16.5	11.2	6.2	3.1	0.0
60°	33.1	25.7	18.3	12.5	6.7	3.3	0.0
57.5°	36.7	28.5	20.5	13.8	7.6	3.6	0.0
55°	40.2	31.3	22.7	15.1	8.4	3.8	0.0
52.5°	43.6	34.0	24.9	16.3	9.2	4.1	0.0
50°	46.9	36.6	26.9	17.5	10.0	4.3	0.0
47.5°	50.0	39.2	28.9	18.8	10.8	4.5	0.0
45°	53.1	41.7	30.8	20.2	11.5	4.7	0.0
42.5°	56.1	44.0	32.6	21.6	12.2	4.9	0.0
40°	59.0	46.2	34.4	22.8	12.9	5.1	0.0
37.5°	61.7	48.3	36.0	24.0	13.6	5.3	0.0
35°	64.2	50.3	37.6	25.2	14.2	5.5	0.0
32.5°	66.6	52.3	39.1	26.2	14.7	5.7	0.0
30°	68.9	54.1	40.4	27.2	15.3	5.8	0.0
27.5°	70.9	55.8	41.6	28.0	15.8	5.9	0.0
25°	72.8	57.4	42.7	28.8	16.2	6.1	0.0
22.5°	74.4	58.8	43.8	29.5	16.6	6.2	0.0
20°	75.9	60.0	44.7	30.1	17.0	6.3	0.0
17.5°	77.2	61.0	45.6	30.6	17.3	6.4	0.0
15°	78.4	61.9	46.3	31.0	17.6	6.5	0.0
12.5°	79.5	62.6	47.0	31.4	17.8	6.5	0.0
10°	80.4	63.1	47.5	31.6	18.0	6.6	0.0
7.5°	81.1	63.5	47.9	31.8	18.2	6.6	0.0
5°	81.6	63.7	48.2	31.9	18.3	6.7	0.0
2.5°	81.9	63.7	48.4	31.9	18.4	6.7	0.0
0°	82.0	63.6	48.5	31.8	18.4	6.7	0.0
-2.5°	81.9	63.7	48.4	31.9	18.4	6.7	0.0
-5°	81.6	63.7	48.2	31.9	18.3	6.7	0.0
-7.5°	81.1	63.5	47.9	31.8	18.2	6.6	0.0
-10°	80.4	63.1	47.5	31.6	18.0	6.6	0.0
-12.5°	79.5	62.6	47.0	31.4	17.8	6.5	0.0
-15°	78.4	61.9	46.3	31.0	17.6	6.5	0.0
-17.5°	77.2	61.0	45.6	30.6	17.3	6.4	0.0
-20°	75.9	60.0	44.7	30.1	17.0	6.3	0.0

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CATALOG NUMBER: GFLD-SA1E-750-U-MR-XX

CANDELA DISTRIBUTION (continued):

	75°	77.5°	80°	82.5°	85°	87.5°	90°
-22.5°	74.4	58.8	43.8	29.5	16.6	6.2	0.0
-25°	72.8	57.4	42.7	28.8	16.2	6.1	0.0
-27.5°	70.9	55.8	41.6	28.0	15.8	5.9	0.0
-30°	68.9	54.1	40.4	27.2	15.3	5.8	0.0
-32.5°	66.6	52.3	39.1	26.2	14.7	5.7	0.0
-35°	64.2	50.3	37.6	25.2	14.2	5.5	0.0
-37.5°	61.7	48.3	36.0	24.0	13.6	5.3	0.0
-40°	59.0	46.2	34.4	22.8	12.9	5.1	0.0
-42.5°	56.1	44.0	32.6	21.6	12.2	4.9	0.0
-45°	53.1	41.7	30.8	20.2	11.5	4.7	0.0
-47.5°	50.0	39.2	28.9	18.8	10.8	4.5	0.0
-50°	46.9	36.6	26.9	17.5	10.0	4.3	0.0
-52.5°	43.6	34.0	24.9	16.3	9.2	4.1	0.0
-55°	40.2	31.3	22.7	15.1	8.4	3.8	0.0
-57.5°	36.7	28.5	20.5	13.8	7.6	3.6	0.0
-60°	33.1	25.7	18.3	12.5	6.7	3.3	0.0
-62.5°	29.7	22.8	16.5	11.2	6.2	3.1	0.0
-65°	26.1	19.9	14.7	9.8	5.7	2.8	0.0
-67.5°	22.5	17.2	12.8	8.4	5.1	2.6	0.0
-70°	18.9	14.9	10.9	7.0	4.6	2.3	0.0
-72.5°	15.9	12.5	9.0	6.0	4.0	2.0	0.0
-75°	13.0	10.0	7.1	5.2	3.5	1.7	0.0
-77.5°	10.0	7.6	5.8	4.3	2.9	1.4	0.0
-80°	7.1	5.8	4.6	3.5	2.3	1.2	0.0
-82.5°	5.2	4.3	3.5	2.6	1.7	0.9	0.0
-85°	3.5	2.9	2.3	1.7	1.2	0.6	0.0
-87.5°	1.7	1.4	1.2	0.9	0.6	0.3	0.0
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0

(END OF REPORT)