

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: P626667 (CONVERTED FROM TYPE C PHOTOMETRY)

Luminaire Tested: **GFLD-SA1C-730-U-MWR-XX**

Issue Date: 12/7/2022

Test Information

Test Method: LM-79-08
Report Number: P626667 (CONVERTED FROM TYPE C PHOTOMETRY)
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G2-2210-813-15)
Test Lab: COOPER LIGHTING SOLUTIONS
Issue Date: 12/7/2022
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: MCGRAW-EDISON
Catalog Number: GFLD-SA1C-730-U-MWR-XX
Description: GALLEON FLOOD, ONE LIGHT SQAURE, MEDIUM WIDE SYMMETRICAL ROUND N17
Light Source: (16) 3000K CCT, 70 CRI LEDS
Ballast/Driver: -

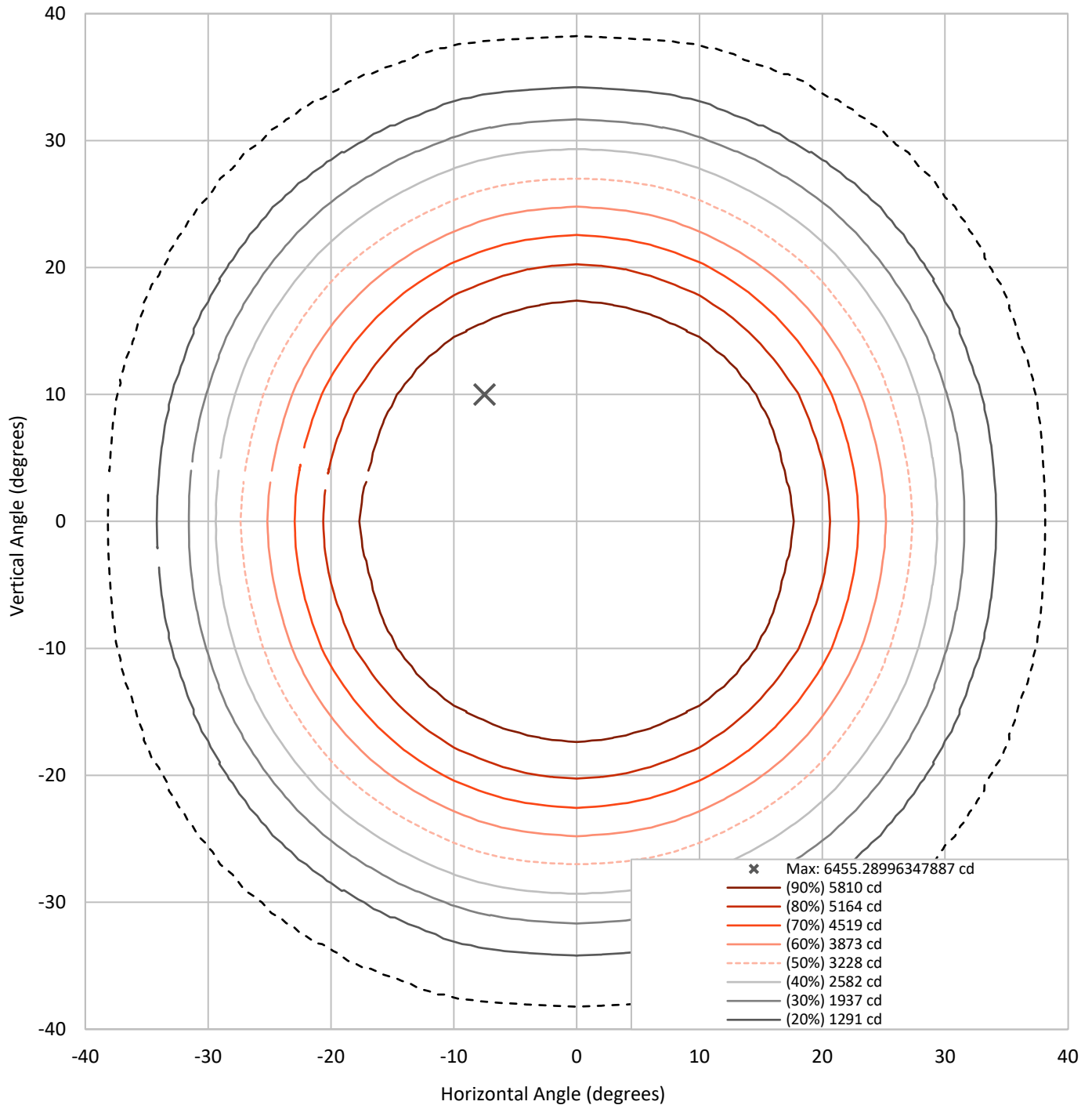
Summary

Lumens per Lamp:	N/A	NEMA Type:	5H x 5V
Luminaire Lumens:	5494 lumens	Max Intensity:	6455.3 candela
Efficiency:	N/A	Max Intensity Angle:	-7.5°H x 10°V
Efficacy:	126.3 lumens/watt		
Luminous Opening:	Rectangular (W 0.5' x L: 0.5' x H: 0')		
Beam Angle (50%):	51°H x 52.3°V	Field Angle (10%):	74.5°H x 75.5°V
Beam Lumens:	3646.6 lumens	Field Lumens:	4741.6 lumens
Beam Efficiency:	66.4%	Field Efficiency:	86.3%
Input Watts (W):	43.5		
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





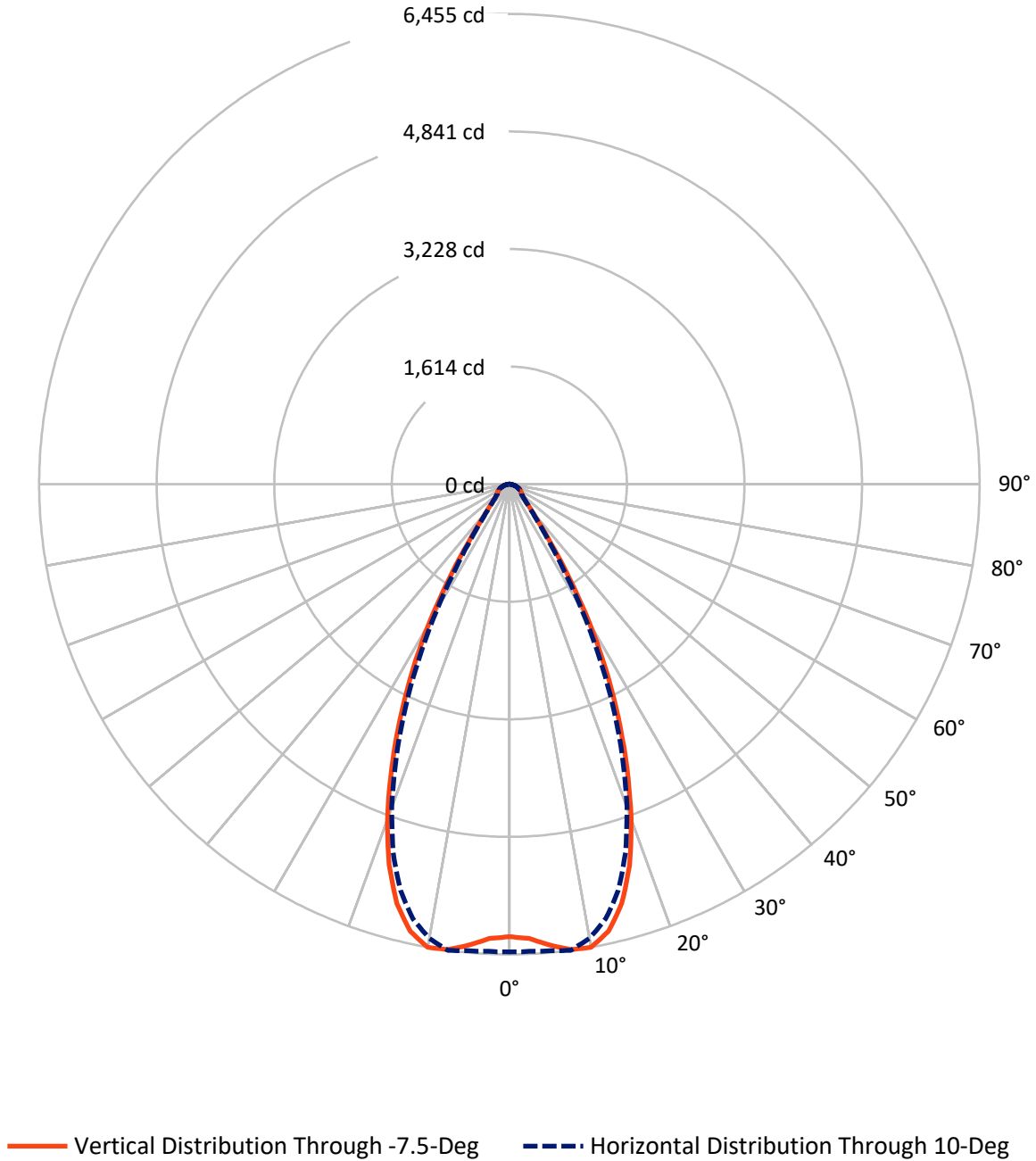
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Lumen Table

90																			
80	0.1	1.3		3.4		5.5		6.1		5.5		3.4		1.3		0.1			
70																			
60	0.6	0.7	1.3	2.2	3.1	3.7	4.2	4.5	4.5	4.2	3.7	3.1	2.2	1.3	0.7	0.6			
50		1.0	2.0	3.2	4.2	5.1	5.7	6.0	6.0	5.7	5.1	4.2	3.2	2.0	1.0				
40	1.0	1.3	2.5	3.8	5.2	6.7	8.4	9.7	9.7	8.4	6.7	5.2	3.8	2.5	1.3	1.0			
30		1.5	2.9	4.4	6.8	12.5	23.9	35.4	35.4	23.9	12.5	6.8	4.4	2.9	1.5				
20	1.3	1.7	3.2	5.2	11.3	35.3	79.1	110.5	110.5	79.1	35.3	11.3	5.2	3.2	1.7	1.3			
10		1.8	3.3	6.1	20.3	75.2	143.6	179.7	179.7	143.6	75.2	20.3	6.1	3.3	1.8				
0	1.4	1.9	3.4	6.9	29.3	102.9	174.2	189.5	189.5	174.2	102.9	29.3	6.9	3.4	1.9	1.4			
-10		1.9	3.4	6.9	29.3	102.9	174.2	189.5	189.5	174.2	102.9	29.3	6.9	3.4	1.9				
-20	1.3	1.8	3.3	6.1	20.3	75.2	143.6	179.7	179.7	143.6	75.2	20.3	6.1	3.3	1.8	1.3			
-30		1.7	3.2	5.2	11.3	35.3	79.1	110.5	110.5	79.1	35.3	11.3	5.2	3.2	1.7				
-40	1.0	1.5	2.9	4.4	6.8	12.5	23.9	35.4	35.4	23.9	12.5	6.8	4.4	2.9	1.5	1.0			
-50		1.3	2.5	3.8	5.2	6.7	8.4	9.7	9.7	8.4	6.7	5.2	3.8	2.5	1.3				
-60	0.6	1.0	2.0	3.2	4.2	5.1	5.7	6.0	6.0	5.7	5.1	4.2	3.2	2.0	1.0	0.6			
-70		0.7	1.3	2.2	3.1	3.7	4.2	4.5	4.5	4.2	3.7	3.1	2.2	1.3	0.7				
-80																			
-90	0.1	1.3		3.4		5.5		6.1		5.5		3.4		1.3		0.1			
	-90	-80	-70	-60	-50	-40	-30	-20	-10	0	10	20	30	40	50	60	70	80	90

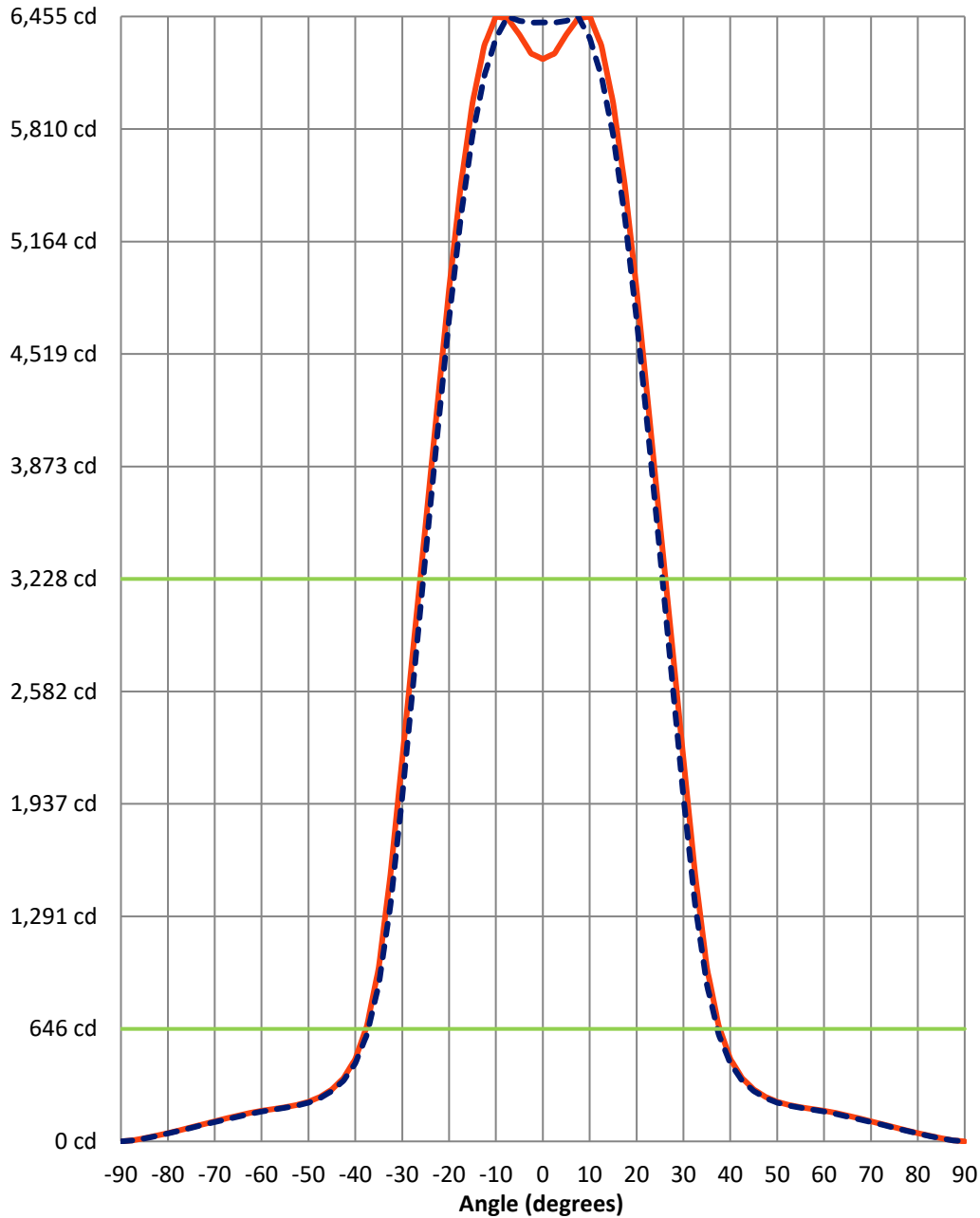
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Luminous Intensity Polar Plot



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Luminous Intensity Plot



Beam:
 H Angle: 51°
 V Angle: 52.3°
 Lumens: 3646.6
 Efficiency: 66.4%

Field:
 H Angle: 74.5°
 V Angle: 75.5°
 Lumens: 4741.6
 Efficiency: 86.3%

Spill:
 Lumens: 752.4
 Efficiency: 13.7%

— Vertical Distribution through -7.5-Deg
 - - Horizontal Distribution through 10-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	0.2	0.5	0.7	1.0	1.2	1.4	1.8	2.1	2.5	2.9
85°	0.0	0.5	1.0	1.5	1.9	2.4	2.9	3.5	4.2	5.0	5.7
82.5°	0.0	0.7	1.5	2.2	2.9	3.6	4.3	5.3	6.5	8.2	9.8
80°	0.0	1.0	1.9	2.9	3.9	4.8	6.0	8.3	10.5	12.6	14.5
77.5°	0.0	1.2	2.4	3.6	4.8	6.5	9.2	11.9	14.5	16.9	19.6
75°	0.0	1.4	2.9	4.3	6.0	9.2	12.3	15.5	18.6	22.1	25.6
72.5°	0.0	1.7	3.4	5.0	8.1	11.8	15.4	19.2	23.4	27.6	31.6
70°	0.0	1.9	3.8	5.9	10.1	14.3	18.6	23.4	28.2	32.9	37.9
67.5°	0.0	2.1	4.3	7.4	12.2	16.9	22.1	27.6	32.9	38.4	44.1
65°	0.0	2.4	4.7	8.9	14.1	19.5	25.5	31.6	37.7	43.8	50.4
62.5°	0.0	2.6	5.2	10.4	16.1	22.3	28.9	35.6	42.3	49.3	57.2
60°	0.0	2.8	5.6	11.8	18.0	25.0	32.2	39.5	46.8	55.2	63.9
57.5°	0.0	3.0	6.5	13.2	20.1	27.6	35.5	43.3	51.7	60.9	70.1
55°	0.0	3.2	7.4	14.6	22.1	30.2	38.7	47.0	56.6	66.5	76.1
52.5°	0.0	3.4	8.3	15.9	24.0	32.6	41.8	51.1	61.3	71.7	81.9
50°	0.0	3.6	9.1	17.2	25.9	35.2	44.9	55.1	65.9	76.8	87.5
47.5°	0.0	3.8	9.9	18.4	27.7	37.7	47.9	59.0	70.2	81.6	93.0
45°	0.0	4.0	10.6	19.7	29.4	40.1	51.0	62.6	74.4	86.4	98.3
42.5°	0.0	4.1	11.3	20.9	31.0	42.4	54.0	66.1	78.4	90.9	103.2
40°	0.0	4.3	12.0	22.0	32.7	44.6	56.8	69.4	82.2	95.2	108.0
37.5°	0.0	4.4	12.7	23.1	34.4	46.7	59.5	72.5	85.9	99.4	112.5
35°	0.0	4.6	13.2	24.1	36.0	48.8	62.0	75.4	89.4	103.3	116.8
32.5°	0.0	4.7	13.8	25.0	37.5	50.7	64.4	78.1	92.7	106.9	120.6
30°	0.0	4.8	14.3	25.9	38.9	52.6	66.5	80.6	95.9	110.2	124.1
27.5°	0.0	5.0	14.8	26.7	40.1	54.2	68.5	83.2	98.7	113.2	127.3
25°	0.0	5.1	15.2	27.4	41.3	55.8	70.3	85.5	101.2	115.9	130.3
22.5°	0.0	5.2	15.6	28.0	42.3	57.1	71.9	87.6	103.5	118.3	133.0
20°	0.0	5.3	15.9	28.6	43.2	58.3	73.3	89.5	105.4	120.5	135.4
17.5°	0.0	5.3	16.2	29.1	44.0	59.3	74.6	91.2	107.1	122.3	137.5
15°	0.0	5.4	16.4	29.5	44.7	60.1	75.7	92.8	108.6	124.0	139.3
12.5°	0.0	5.5	16.6	29.9	45.3	60.9	76.7	94.1	109.9	125.3	140.8
10°	0.0	5.5	16.6	29.9	45.3	60.9	76.7	94.1	109.9	125.3	140.8
7.5°	0.0	5.6	16.9	30.4	46.0	61.8	78.2	96.1	111.9	127.5	143.2
5°	0.0	5.6	16.9	30.5	46.3	62.1	78.7	96.7	112.5	128.2	144.0
2.5°	0.0	5.6	16.9	30.5	46.3	62.2	79.0	97.1	112.9	128.7	144.4
0°	0.0	5.6	16.9	30.5	46.3	62.1	79.1	97.2	113.0	128.8	144.6
-2.5°	0.0	5.6	16.9	30.5	46.3	62.2	79.0	97.1	112.9	128.7	144.4
-5°	0.0	5.6	16.9	30.5	46.3	62.1	78.7	96.7	112.5	128.2	144.0
-7.5°	0.0	5.6	16.9	30.4	46.0	61.8	78.2	96.1	111.9	127.5	143.2
-10°	0.0	5.5	16.8	30.2	45.7	61.4	77.6	95.2	111.0	126.5	142.0
-12.5°	0.0	5.5	16.6	29.9	45.3	60.9	76.7	94.1	109.9	125.3	140.8
-15°	0.0	5.4	16.4	29.5	44.7	60.1	75.7	92.8	108.6	124.0	139.3
-17.5°	0.0	5.3	16.2	29.1	44.0	59.3	74.6	91.2	107.1	122.3	137.5
-20°	0.0	5.3	15.9	28.6	43.2	58.3	73.3	89.5	105.4	120.5	135.4

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Scaled Data Report



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CATALOG NUMBER: GFLD-SA1C-730-U-MWR-XX

CANDELA DISTRIBUTION (continued):

	-90°	-87.5°	-85°	-82.5°	-80°	-77.5°	-75°	-72.5°	-70°	-67.5°	-65°
-22.5°	0.0	5.2	15.6	28.0	42.3	57.1	71.9	87.6	103.5	118.3	133.0
-25°	0.0	5.1	15.2	27.4	41.3	55.8	70.3	85.5	101.2	115.9	130.3
-27.5°	0.0	5.0	14.8	26.7	40.1	54.2	68.5	83.2	98.7	113.2	127.3
-30°	0.0	4.8	14.3	25.9	38.9	52.6	66.5	80.6	95.9	110.2	124.1
-32.5°	0.0	4.7	13.8	25.0	37.5	50.7	64.4	78.1	92.7	106.9	120.6
-35°	0.0	4.6	13.2	24.1	36.0	48.8	62.0	75.4	89.4	103.3	116.8
-37.5°	0.0	4.4	12.7	23.1	34.4	46.7	59.5	72.5	85.9	99.4	112.5
-40°	0.0	4.3	12.0	22.0	32.7	44.6	56.8	69.4	82.2	95.2	108.0
-42.5°	0.0	4.1	11.3	20.9	31.0	42.4	54.0	66.1	78.4	90.9	103.2
-45°	0.0	4.0	10.6	19.7	29.4	40.1	51.0	62.6	74.4	86.4	98.3
-47.5°	0.0	3.8	9.9	18.4	27.7	37.7	47.9	59.0	70.2	81.6	93.0
-50°	0.0	3.6	9.1	17.2	25.9	35.2	44.9	55.1	65.9	76.8	87.5
-52.5°	0.0	3.4	8.3	15.9	24.0	32.6	41.8	51.1	61.3	71.7	81.9
-55°	0.0	3.2	7.4	14.6	22.1	30.2	38.7	47.0	56.6	66.5	76.1
-57.5°	0.0	3.0	6.5	13.2	20.1	27.6	35.5	43.3	51.7	60.9	70.1
-60°	0.0	2.8	5.6	11.8	18.0	25.0	32.2	39.5	46.8	55.2	63.9
-62.5°	0.0	2.6	5.2	10.4	16.1	22.3	28.9	35.6	42.3	49.3	57.2
-65°	0.0	2.4	4.7	8.9	14.1	19.5	25.5	31.6	37.7	43.8	50.4
-67.5°	0.0	2.1	4.3	7.4	12.2	16.9	22.1	27.6	32.9	38.4	44.1
-70°	0.0	1.9	3.8	5.9	10.1	14.3	18.6	23.4	28.2	32.9	37.9
-72.5°	0.0	1.7	3.4	5.0	8.1	11.8	15.4	19.2	23.4	27.6	31.6
-75°	0.0	1.4	2.9	4.3	6.0	9.2	12.3	15.5	18.6	22.1	25.6
-77.5°	0.0	1.2	2.4	3.6	4.8	6.5	9.2	11.9	14.5	16.9	19.6
-80°	0.0	1.0	1.9	2.9	3.9	4.8	6.0	8.3	10.5	12.6	14.5
-82.5°	0.0	0.7	1.5	2.2	2.9	3.6	4.3	5.3	6.5	8.2	9.8
-85°	0.0	0.5	1.0	1.5	1.9	2.4	2.9	3.5	4.2	5.0	5.7
-87.5°	0.0	0.2	0.5	0.7	1.0	1.2	1.4	1.8	2.1	2.5	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



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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	3.4	3.7	3.9	4.1	4.4	4.6	4.8	5.0	5.2	5.4
85°	6.3	6.8	7.7	8.6	9.5	10.3	11.1	11.9	12.7	13.4	14.1
82.5°	11.2	12.7	14.2	15.7	17.0	18.3	19.5	20.8	22.1	23.4	24.6
80°	16.5	18.5	20.8	23.1	25.0	26.9	28.7	30.4	32.2	34.2	36.2
77.5°	22.6	25.5	28.2	30.8	33.3	35.9	38.5	41.0	43.6	46.2	48.6
75°	29.1	32.4	35.9	39.4	42.7	45.9	49.1	52.3	55.5	58.8	61.9
72.5°	35.8	40.1	44.2	48.2	52.3	56.3	60.2	64.0	67.9	71.8	75.6
70°	42.8	47.6	52.7	57.6	62.2	66.9	71.7	76.3	80.8	85.4	89.9
67.5°	49.9	55.9	61.6	67.0	72.5	78.1	83.5	89.0	94.3	99.6	104.7
65°	57.7	64.2	70.5	76.7	82.9	89.5	95.8	101.9	108.1	114.1	119.4
62.5°	65.3	72.3	79.2	86.2	93.7	101.0	107.9	115.0	122.1	128.4	133.8
60°	72.3	80.0	87.8	95.8	104.1	111.9	119.7	127.3	135.0	142.2	146.7
57.5°	79.0	87.6	96.2	104.9	113.6	122.3	130.5	138.9	146.1	152.1	157.3
55°	85.6	94.9	104.0	113.2	122.6	131.7	140.6	148.6	155.6	160.7	165.6
52.5°	92.0	101.8	111.3	121.2	131.1	140.8	150.1	157.6	163.3	168.5	173.1
50°	98.2	108.2	118.2	128.9	139.4	149.7	158.5	164.9	170.8	175.8	180.7
47.5°	104.0	114.5	125.2	136.4	147.5	157.4	165.4	172.2	178.2	183.6	189.4
45°	109.6	120.7	132.0	143.6	154.9	164.5	172.2	179.5	185.1	191.3	197.9
42.5°	115.1	126.7	138.5	150.6	161.9	170.9	178.6	185.4	191.9	199.2	207.1
40°	120.2	132.4	144.7	157.2	168.6	176.5	184.1	191.2	199.2	207.8	217.0
37.5°	125.1	137.7	150.5	163.5	173.4	181.7	189.4	197.3	206.6	216.6	229.1
35°	129.6	142.7	155.9	168.3	177.8	186.5	194.6	203.4	214.2	227.2	243.3
32.5°	133.8	147.3	160.9	172.2	181.8	190.9	199.2	210.1	223.1	238.7	261.4
30°	137.7	151.5	165.1	176.1	185.5	194.6	204.6	217.0	232.2	254.9	283.9
27.5°	141.3	155.3	168.4	179.3	188.7	198.1	209.8	224.9	244.9	272.0	308.1
25°	144.6	158.9	171.6	182.0	191.7	202.1	214.8	231.8	258.1	293.1	341.9
22.5°	147.6	162.2	174.6	184.4	194.6	205.8	220.7	241.9	272.2	313.0	376.0
20°	150.3	164.7	176.9	186.6	197.1	208.8	225.9	251.4	288.0	340.9	421.2
17.5°	152.6	166.8	178.6	188.7	199.7	212.3	230.9	259.6	302.0	365.2	466.9
15°	154.6	168.7	180.1	190.5	201.9	216.3	237.9	270.4	318.4	390.4	506.8
12.5°	156.3	170.2	181.3	192.0	203.7	219.6	243.9	280.7	335.3	421.4	565.5
10°	157.6	171.4	182.2	193.1	205.2	222.2	248.8	289.0	349.2	448.3	615.6
7.5°	158.8	172.3	182.8	193.9	206.2	224.2	252.5	295.4	360.0	469.4	655.3
5°	159.7	172.8	183.1	194.4	207.0	225.5	255.1	299.9	367.4	484.5	683.2
2.5°	160.2	173.0	183.2	194.5	207.7	226.1	256.3	302.3	373.2	491.7	698.2
0°	160.4	172.8	183.0	194.3	207.9	225.9	256.4	302.8	376.2	491.4	700.4
-2.5°	160.2	173.0	183.2	194.5	207.7	226.1	256.3	302.3	373.2	491.7	698.2
-5°	159.7	172.8	183.1	194.4	207.0	225.5	255.1	299.9	367.4	484.5	683.2
-7.5°	158.8	172.3	182.8	193.9	206.2	224.2	252.5	295.4	360.0	469.4	655.3
-10°	157.6	171.4	182.2	193.1	205.2	222.2	248.8	289.0	349.2	448.3	615.6
-12.5°	156.3	170.2	181.3	192.0	203.7	219.6	243.9	280.7	335.3	421.4	565.5
-15°	154.6	168.7	180.1	190.5	201.9	216.3	237.9	270.4	318.4	390.4	506.8
-17.5°	152.6	166.8	178.6	188.7	199.7	212.3	230.9	259.6	302.0	365.2	466.9
-20°	150.3	164.7	176.9	186.6	197.1	208.8	225.9	251.4	288.0	340.9	421.2

Classified

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

Scaled Data Report



REPORT NUMBER: P626667 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA1C-730-U-MWR-XX

CANDELA DISTRIBUTION (continued):

	-62.5°	-60°	-57.5°	-55°	-52.5°	-50°	-47.5°	-45°	-42.5°	-40°	-37.5°
-22.5°	147.6	162.2	174.6	184.4	194.6	205.8	220.7	241.9	272.2	313.0	376.0
-25°	144.6	158.9	171.6	182.0	191.7	202.1	214.8	231.8	258.1	293.1	341.9
-27.5°	141.3	155.3	168.4	179.3	188.7	198.1	209.8	224.9	244.9	272.0	308.1
-30°	137.7	151.5	165.1	176.1	185.5	194.6	204.6	217.0	232.2	254.9	283.9
-32.5°	133.8	147.3	160.9	172.2	181.8	190.9	199.2	210.1	223.1	238.7	261.4
-35°	129.6	142.7	155.9	168.3	177.8	186.5	194.6	203.4	214.2	227.2	243.3
-37.5°	125.1	137.7	150.5	163.5	173.4	181.7	189.4	197.3	206.6	216.6	229.1
-40°	120.2	132.4	144.7	157.2	168.6	176.5	184.1	191.2	199.2	207.8	217.0
-42.5°	115.1	126.7	138.5	150.6	161.9	170.9	178.6	185.4	191.9	199.2	207.1
-45°	109.6	120.7	132.0	143.6	154.9	164.5	172.2	179.5	185.1	191.3	197.9
-47.5°	104.0	114.5	125.2	136.4	147.5	157.4	165.4	172.2	178.2	183.6	189.4
-50°	98.2	108.2	118.2	128.9	139.4	149.7	158.5	164.9	170.8	175.8	180.7
-52.5°	92.0	101.8	111.3	121.2	131.1	140.8	150.1	157.6	163.3	168.5	173.1
-55°	85.6	94.9	104.0	113.2	122.6	131.7	140.6	148.6	155.6	160.7	165.6
-57.5°	79.0	87.6	96.2	104.9	113.6	122.3	130.5	138.9	146.1	152.1	157.3
-60°	72.3	80.0	87.8	95.8	104.1	111.9	119.7	127.3	135.0	142.2	146.7
-62.5°	65.3	72.3	79.2	86.2	93.7	101.0	107.9	115.0	122.1	128.4	133.8
-65°	57.7	64.2	70.5	76.7	82.9	89.5	95.8	101.9	108.1	114.1	119.4
-67.5°	49.9	55.9	61.6	67.0	72.5	78.1	83.5	89.0	94.3	99.6	104.7
-70°	42.8	47.6	52.7	57.6	62.2	66.9	71.7	76.3	80.8	85.4	89.9
-72.5°	35.8	40.1	44.2	48.2	52.3	56.3	60.2	64.0	67.9	71.8	75.6
-75°	29.1	32.4	35.9	39.4	42.7	45.9	49.1	52.3	55.5	58.8	61.9
-77.5°	22.6	25.5	28.2	30.8	33.3	35.9	38.5	41.0	43.6	46.2	48.6
-80°	16.5	18.5	20.8	23.1	25.0	26.9	28.7	30.4	32.2	34.2	36.2
-82.5°	11.2	12.7	14.2	15.7	17.0	18.3	19.5	20.8	22.1	23.4	24.6
-85°	6.3	6.8	7.7	8.6	9.5	10.3	11.1	11.9	12.7	13.4	14.1
-87.5°	3.1	3.4	3.7	3.9	4.1	4.4	4.6	4.8	5.0	5.2	5.4
-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: P626667 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA1C-730-U-MWR-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°	5.6	5.5	5.4	5.2	5.1	5.4	5.8	6.2	6.6	6.3	6.1
85°	14.7	15.0	15.3	15.6	15.8	16.5	17.1	17.8	18.3	18.3	18.3
82.5°	25.9	26.7	27.4	28.1	28.7	29.5	30.2	30.9	31.4	31.8	32.2
80°	38.1	39.5	40.7	41.7	42.7	43.7	44.8	45.6	46.4	46.8	47.1
77.5°	51.1	53.1	54.8	56.5	58.1	59.7	61.2	62.4	63.6	63.8	63.8
75°	64.8	67.5	70.0	72.3	74.4	76.2	77.7	79.0	80.1	80.6	80.9
72.5°	79.2	82.5	85.4	88.0	90.3	92.2	93.8	95.2	96.4	97.2	97.6
70°	94.3	98.1	101.1	103.6	105.6	107.5	109.6	111.6	113.4	114.5	114.9
67.5°	109.4	113.4	116.2	118.4	120.2	122.0	124.7	127.1	129.2	130.6	131.5
65°	124.2	128.4	131.2	133.3	135.0	136.8	139.8	142.1	143.9	145.4	146.6
62.5°	138.8	143.0	146.1	148.7	151.1	153.1	155.5	157.5	159.0	160.4	162.0
60°	151.4	156.5	159.7	162.3	165.3	168.4	170.2	171.7	173.0	174.1	175.1
57.5°	161.8	166.3	170.5	173.6	176.7	179.6	181.7	183.1	184.3	185.1	185.4
55°	170.5	175.1	179.8	183.2	186.1	188.9	191.2	193.0	194.6	195.8	196.0
52.5°	178.2	183.4	188.0	191.9	195.8	199.1	201.6	204.1	206.3	208.0	208.8
50°	186.6	192.1	197.8	203.0	207.3	211.0	214.1	217.6	221.2	224.3	226.2
47.5°	195.5	201.8	208.7	215.1	220.2	225.6	230.8	236.0	242.8	248.6	252.8
45°	204.8	212.9	220.7	228.9	235.8	246.2	255.9	264.1	275.1	285.1	293.0
42.5°	215.7	225.8	235.4	248.5	262.3	276.5	291.9	304.9	322.1	339.6	353.7
40°	228.7	241.6	258.5	276.2	298.0	317.5	343.9	367.5	393.8	427.2	454.7
37.5°	244.4	264.1	287.7	312.4	346.3	378.7	422.4	468.5	510.3	574.4	628.3
35°	264.6	292.3	323.3	366.9	415.0	475.8	543.9	632.9	709.2	817.4	920.8
32.5°	290.8	326.4	376.9	444.3	515.3	625.6	733.8	888.3	1031.3	1202.8	1387.9
30°	319.9	374.1	451.3	543.7	676.1	838.5	1029.2	1266.5	1526.1	1767.1	2004.7
27.5°	362.1	439.7	541.2	690.2	896.7	1123.8	1458.0	1780.0	2116.0	2414.7	2663.8
25°	411.4	513.9	670.8	890.3	1169.5	1558.4	1958.4	2355.9	2717.2	3029.9	3305.1
22.5°	474.9	622.4	831.6	1115.9	1550.7	2016.8	2485.9	2924.3	3309.7	3657.9	3955.8
20°	544.1	728.6	1027.4	1451.4	1948.6	2479.6	3009.2	3476.2	3900.6	4295.4	4631.1
17.5°	631.7	890.2	1268.6	1777.2	2352.0	2933.8	3490.2	3997.0	4478.5	4896.2	5247.0
15°	706.5	1032.5	1526.3	2122.8	2744.6	3358.3	3945.7	4496.2	4996.7	5425.4	5755.2
12.5°	806.1	1192.0	1755.2	2419.9	3093.7	3739.5	4358.2	4927.1	5436.6	5860.4	6117.2
10°	900.3	1357.1	1976.3	2669.6	3369.6	4057.7	4718.2	5301.7	5774.7	6112.0	6330.8
7.5°	980.4	1499.0	2156.2	2871.4	3588.8	4308.1	4976.8	5544.6	5980.7	6262.3	6414.7
5°	1040.2	1605.0	2289.7	3035.3	3771.5	4503.5	5167.0	5700.0	6076.9	6286.1	6362.6
2.5°	1078.3	1667.3	2367.2	3142.9	3893.8	4627.2	5297.4	5822.0	6141.8	6280.5	6293.7
0°	1093.6	1675.4	2379.2	3199.4	3924.6	4662.4	5334.5	5872.3	6166.0	6280.1	6277.8
-2.5°	1078.3	1667.3	2367.2	3142.9	3893.8	4627.2	5297.4	5822.0	6141.8	6280.5	6293.7
-5°	1040.2	1605.0	2289.7	3035.3	3771.5	4503.5	5167.0	5700.0	6076.9	6286.1	6362.6
-7.5°	980.4	1499.0	2156.2	2871.4	3588.8	4308.1	4976.8	5544.6	5980.7	6262.3	6414.7
-10°	900.3	1357.1	1976.3	2669.6	3369.6	4057.7	4718.2	5301.7	5774.7	6112.0	6330.8
-12.5°	806.1	1192.0	1755.2	2419.9	3093.7	3739.5	4358.2	4927.1	5436.6	5860.4	6117.2
-15°	706.5	1032.5	1526.3	2122.8	2744.6	3358.3	3945.7	4496.2	4996.7	5425.4	5755.2
-17.5°	631.7	890.2	1268.6	1777.2	2352.0	2933.8	3490.2	3997.0	4478.5	4896.2	5247.0
-20°	544.1	728.6	1027.4	1451.4	1948.6	2479.6	3009.2	3476.2	3900.6	4295.4	4631.1

Classified

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

Scaled Data Report



REPORT NUMBER: P626667 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA1C-730-U-MWR-XX

CANDELA DISTRIBUTION (continued):

	-35°	-32.5°	-30°	-27.5°	-25°	-22.5°	-20°	-17.5°	-15°	-12.5°	-10°
-22.5°	474.9	622.4	831.6	1115.9	1550.7	2016.8	2485.9	2924.3	3309.7	3657.9	3955.8
-25°	411.4	513.9	670.8	890.3	1169.5	1558.4	1958.4	2355.9	2717.2	3029.9	3305.1
-27.5°	362.1	439.7	541.2	690.2	896.7	1123.8	1458.0	1780.0	2116.0	2414.7	2663.8
-30°	319.9	374.1	451.3	543.7	676.1	838.5	1029.2	1266.5	1526.1	1767.1	2004.7
-32.5°	290.8	326.4	376.9	444.3	515.3	625.6	733.8	888.3	1031.3	1202.8	1387.9
-35°	264.6	292.3	323.3	366.9	415.0	475.8	543.9	632.9	709.2	817.4	920.8
-37.5°	244.4	264.1	287.7	312.4	346.3	378.7	422.4	468.5	510.3	574.4	628.3
-40°	228.7	241.6	258.5	276.2	298.0	317.5	343.9	367.5	393.8	427.2	454.7
-42.5°	215.7	225.8	235.4	248.5	262.3	276.5	291.9	304.9	322.1	339.6	353.7
-45°	204.8	212.9	220.7	228.9	235.8	246.2	255.9	264.1	275.1	285.1	293.0
-47.5°	195.5	201.8	208.7	215.1	220.2	225.6	230.8	236.0	242.8	248.6	252.8
-50°	186.6	192.1	197.8	203.0	207.3	211.0	214.1	217.6	221.2	224.3	226.2
-52.5°	178.2	183.4	188.0	191.9	195.8	199.1	201.6	204.1	206.3	208.0	208.8
-55°	170.5	175.1	179.8	183.2	186.1	188.9	191.2	193.0	194.6	195.8	196.0
-57.5°	161.8	166.3	170.5	173.6	176.7	179.6	181.7	183.1	184.3	185.1	185.4
-60°	151.4	156.5	159.7	162.3	165.3	168.4	170.2	171.7	173.0	174.1	175.1
-62.5°	138.8	143.0	146.1	148.7	151.1	153.1	155.5	157.5	159.0	160.4	162.0
-65°	124.2	128.4	131.2	133.3	135.0	136.8	139.8	142.1	143.9	145.4	146.6
-67.5°	109.4	113.4	116.2	118.4	120.2	122.0	124.7	127.1	129.2	130.6	131.5
-70°	94.3	98.1	101.1	103.6	105.6	107.5	109.6	111.6	113.4	114.5	114.9
-72.5°	79.2	82.5	85.4	88.0	90.3	92.2	93.8	95.2	96.4	97.2	97.6
-75°	64.8	67.5	70.0	72.3	74.4	76.2	77.7	79.0	80.1	80.6	80.9
-77.5°	51.1	53.1	54.8	56.5	58.1	59.7	61.2	62.4	63.6	63.8	63.8
-80°	38.1	39.5	40.7	41.7	42.7	43.7	44.8	45.6	46.4	46.8	47.1
-82.5°	25.9	26.7	27.4	28.1	28.7	29.5	30.2	30.9	31.4	31.8	32.2
-85°	14.7	15.0	15.3	15.6	15.8	16.5	17.1	17.8	18.3	18.3	18.3
-87.5°	5.6	5.5	5.4	5.2	5.1	5.4	5.8	6.2	6.6	6.3	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: P626667 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA1C-730-U-MWR-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°	5.9	5.6	5.6	5.6	5.6	5.6	5.9	6.1	6.3	6.6	6.2
85°	18.2	18.0	17.5	16.9	17.5	18.0	18.2	18.3	18.3	18.3	17.8
82.5°	32.4	32.6	32.2	31.6	32.2	32.6	32.4	32.2	31.8	31.4	30.9
80°	47.2	47.2	46.8	46.3	46.8	47.2	47.2	47.1	46.8	46.4	45.6
77.5°	63.5	63.0	63.2	63.3	63.2	63.0	63.5	63.8	63.8	63.6	62.4
75°	81.0	80.9	80.7	80.2	80.7	80.9	81.0	80.9	80.6	80.1	79.0
72.5°	97.9	97.9	97.7	97.2	97.7	97.9	97.9	97.6	97.2	96.4	95.2
70°	115.0	114.8	115.1	115.2	115.1	114.8	115.0	114.9	114.5	113.4	111.6
67.5°	132.2	132.7	132.6	132.2	132.6	132.7	132.2	131.5	130.6	129.2	127.1
65°	147.7	148.5	148.9	149.1	148.9	148.5	147.7	146.6	145.4	143.9	142.1
62.5°	163.3	164.2	164.2	163.8	164.2	164.2	163.3	162.0	160.4	159.0	157.5
60°	175.7	175.8	175.6	175.1	175.6	175.8	175.7	175.1	174.1	173.0	171.7
57.5°	185.4	185.1	184.7	184.1	184.7	185.1	185.4	185.4	185.1	184.3	183.1
55°	195.8	195.3	194.8	194.3	194.8	195.3	195.8	196.0	195.8	194.6	193.0
52.5°	209.0	208.7	208.4	207.9	208.4	208.7	209.0	208.8	208.0	206.3	204.1
50°	227.2	227.5	227.5	227.1	227.5	227.5	227.2	226.2	224.3	221.2	217.6
47.5°	255.5	257.1	258.1	258.7	258.1	257.1	255.5	252.8	248.6	242.8	236.0
45°	298.1	301.1	303.2	305.0	303.2	301.1	298.1	293.0	285.1	275.1	264.1
42.5°	363.7	370.4	373.6	372.8	373.6	370.4	363.7	353.7	339.6	322.1	304.9
40°	473.1	484.0	490.0	494.8	490.0	484.0	473.1	454.7	427.2	393.8	367.5
37.5°	665.2	686.4	697.5	707.2	697.5	686.4	665.2	628.3	574.4	510.3	468.5
35°	998.1	1045.7	1071.1	1080.0	1071.1	1045.7	998.1	920.8	817.4	709.2	632.9
32.5°	1532.0	1619.8	1668.4	1705.9	1668.4	1619.8	1532.0	1387.9	1202.8	1031.3	888.3
30°	2192.8	2308.5	2372.7	2404.0	2372.7	2308.5	2192.8	2004.7	1767.1	1526.1	1266.5
27.5°	2870.2	3001.7	3070.9	3067.2	3070.9	3001.7	2870.2	2663.8	2414.7	2116.0	1780.0
25°	3541.0	3693.3	3762.3	3824.1	3762.3	3693.3	3541.0	3305.1	3029.9	2717.2	2355.9
22.5°	4219.5	4397.6	4494.8	4540.3	4494.8	4397.6	4219.5	3955.8	3657.9	3309.7	2924.3
20°	4889.9	5088.2	5191.4	5236.2	5191.4	5088.2	4889.9	4631.1	4295.4	3900.6	3476.2
17.5°	5484.5	5678.0	5776.4	5818.1	5776.4	5678.0	5484.5	5247.0	4896.2	4478.5	3997.0
15°	5959.3	6102.0	6185.7	6207.8	6185.7	6102.0	5959.3	5755.2	5425.4	4996.7	4496.2
12.5°	6287.5	6342.8	6383.0	6395.3	6383.0	6342.8	6287.5	6117.2	5860.4	5436.6	4927.1
10°	6455.3	6430.3	6420.1	6421.3	6420.1	6430.3	6455.3	6330.8	6112.0	5774.7	5301.7
7.5°	6443.7	6406.8	6332.6	6320.8	6332.6	6406.8	6443.7	6414.7	6262.3	5980.7	5544.6
5°	6351.1	6283.9	6160.7	6125.3	6160.7	6283.9	6351.1	6362.6	6286.1	6076.9	5700.0
2.5°	6243.3	6122.0	6008.6	5935.5	6008.6	6122.0	6243.3	6293.7	6280.5	6141.8	5822.0
0°	6211.2	6071.1	5924.2	5876.8	5924.2	6071.1	6211.2	6277.8	6280.1	6166.0	5872.3
-2.5°	6243.3	6122.0	6008.6	5935.5	6008.6	6122.0	6243.3	6293.7	6280.5	6141.8	5822.0
-5°	6351.1	6283.9	6160.7	6125.3	6160.7	6283.9	6351.1	6362.6	6286.1	6076.9	5700.0
-7.5°	6443.7	6406.8	6332.6	6320.8	6332.6	6406.8	6443.7	6414.7	6262.3	5980.7	5544.6
-10°	6455.3	6430.3	6420.1	6421.3	6420.1	6430.3	6455.3	6330.8	6112.0	5774.7	5301.7
-12.5°	6287.5	6342.8	6383.0	6395.3	6383.0	6342.8	6287.5	6117.2	5860.4	5436.6	4927.1
-15°	5959.3	6102.0	6185.7	6207.8	6185.7	6102.0	5959.3	5755.2	5425.4	4996.7	4496.2
-17.5°	5484.5	5678.0	5776.4	5818.1	5776.4	5678.0	5484.5	5247.0	4896.2	4478.5	3997.0
-20°	4889.9	5088.2	5191.4	5236.2	5191.4	5088.2	4889.9	4631.1	4295.4	3900.6	3476.2



REPORT NUMBER: P626667 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA1C-730-U-MWR-XX

CANDELA DISTRIBUTION (continued):

	-7.5°	-5°	-2.5°	0°	2.5°	5°	7.5°	10°	12.5°	15°	17.5°
-22.5°	4219.5	4397.6	4494.8	4540.3	4494.8	4397.6	4219.5	3955.8	3657.9	3309.7	2924.3
-25°	3541.0	3693.3	3762.3	3824.1	3762.3	3693.3	3541.0	3305.1	3029.9	2717.2	2355.9
-27.5°	2870.2	3001.7	3070.9	3067.2	3070.9	3001.7	2870.2	2663.8	2414.7	2116.0	1780.0
-30°	2192.8	2308.5	2372.7	2404.0	2372.7	2308.5	2192.8	2004.7	1767.1	1526.1	1266.5
-32.5°	1532.0	1619.8	1668.4	1705.9	1668.4	1619.8	1532.0	1387.9	1202.8	1031.3	888.3
-35°	998.1	1045.7	1071.1	1080.0	1071.1	1045.7	998.1	920.8	817.4	709.2	632.9
-37.5°	665.2	686.4	697.5	707.2	697.5	686.4	665.2	628.3	574.4	510.3	468.5
-40°	473.1	484.0	490.0	494.8	490.0	484.0	473.1	454.7	427.2	393.8	367.5
-42.5°	363.7	370.4	373.6	372.8	373.6	370.4	363.7	353.7	339.6	322.1	304.9
-45°	298.1	301.1	303.2	305.0	303.2	301.1	298.1	293.0	285.1	275.1	264.1
-47.5°	255.5	257.1	258.1	258.7	258.1	257.1	255.5	252.8	248.6	242.8	236.0
-50°	227.2	227.5	227.5	227.1	227.5	227.5	227.2	226.2	224.3	221.2	217.6
-52.5°	209.0	208.7	208.4	207.9	208.4	208.7	209.0	208.8	208.0	206.3	204.1
-55°	195.8	195.3	194.8	194.3	194.8	195.3	195.8	196.0	195.8	194.6	193.0
-57.5°	185.4	185.1	184.7	184.1	184.7	185.1	185.4	185.4	185.1	184.3	183.1
-60°	175.7	175.8	175.6	175.1	175.6	175.8	175.7	175.1	174.1	173.0	171.7
-62.5°	163.3	164.2	164.2	163.8	164.2	164.2	163.3	162.0	160.4	159.0	157.5
-65°	147.7	148.5	148.9	149.1	148.9	148.5	147.7	146.6	145.4	143.9	142.1
-67.5°	132.2	132.7	132.6	132.2	132.6	132.7	132.2	131.5	130.6	129.2	127.1
-70°	115.0	114.8	115.1	115.2	115.1	114.8	115.0	114.9	114.5	113.4	111.6
-72.5°	97.9	97.9	97.7	97.2	97.7	97.9	97.9	97.6	97.2	96.4	95.2
-75°	81.0	80.9	80.7	80.2	80.7	80.9	81.0	80.9	80.6	80.1	79.0
-77.5°	63.5	63.0	63.2	63.3	63.2	63.0	63.5	63.8	63.8	63.6	62.4
-80°	47.2	47.2	46.8	46.3	46.8	47.2	47.2	47.1	46.8	46.4	45.6
-82.5°	32.4	32.6	32.2	31.6	32.2	32.6	32.4	32.2	31.8	31.4	30.9
-85°	18.2	18.0	17.5	16.9	17.5	18.0	18.2	18.3	18.3	18.3	17.8
-87.5°	5.9	5.6	5.6	5.6	5.6	5.6	5.9	6.1	6.3	6.6	6.2
-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: P626667 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA1C-730-U-MWR-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°	5.8	5.4	5.1	5.2	5.4	5.5	5.6	5.4	5.2	5.0	4.8
85°	17.1	16.5	15.8	15.6	15.3	15.0	14.7	14.1	13.4	12.7	11.9
82.5°	30.2	29.5	28.7	28.1	27.4	26.7	25.9	24.6	23.4	22.1	20.8
80°	44.8	43.7	42.7	41.7	40.7	39.5	38.1	36.2	34.2	32.2	30.4
77.5°	61.2	59.7	58.1	56.5	54.8	53.1	51.1	48.6	46.2	43.6	41.0
75°	77.7	76.2	74.4	72.3	70.0	67.5	64.8	61.9	58.8	55.5	52.3
72.5°	93.8	92.2	90.3	88.0	85.4	82.5	79.2	75.6	71.8	67.9	64.0
70°	109.6	107.5	105.6	103.6	101.1	98.1	94.3	89.9	85.4	80.8	76.3
67.5°	124.7	122.0	120.2	118.4	116.2	113.4	109.4	104.7	99.6	94.3	89.0
65°	139.8	136.8	135.0	133.3	131.2	128.4	124.2	119.4	114.1	108.1	101.9
62.5°	155.5	153.1	151.1	148.7	146.1	143.0	138.8	133.8	128.4	122.1	115.0
60°	170.2	168.4	165.3	162.3	159.7	156.5	151.4	146.7	142.2	135.0	127.3
57.5°	181.7	179.6	176.7	173.6	170.5	166.3	161.8	157.3	152.1	146.1	138.9
55°	191.2	188.9	186.1	183.2	179.8	175.1	170.5	165.6	160.7	155.6	148.6
52.5°	201.6	199.1	195.8	191.9	188.0	183.4	178.2	173.1	168.5	163.3	157.6
50°	214.1	211.0	207.3	203.0	197.8	192.1	186.6	180.7	175.8	170.8	164.9
47.5°	230.8	225.6	220.2	215.1	208.7	201.8	195.5	189.4	183.6	178.2	172.2
45°	255.9	246.2	235.8	228.9	220.7	212.9	204.8	197.9	191.3	185.1	179.5
42.5°	291.9	276.5	262.3	248.5	235.4	225.8	215.7	207.1	199.2	191.9	185.4
40°	343.9	317.5	298.0	276.2	258.5	241.6	228.7	217.0	207.8	199.2	191.2
37.5°	422.4	378.7	346.3	312.4	287.7	264.1	244.4	229.1	216.6	206.6	197.3
35°	543.9	475.8	415.0	366.9	323.3	292.3	264.6	243.3	227.2	214.2	203.4
32.5°	733.8	625.6	515.3	444.3	376.9	326.4	290.8	261.4	238.7	223.1	210.1
30°	1029.2	838.5	676.1	543.7	451.3	374.1	319.9	283.9	254.9	232.2	217.0
27.5°	1458.0	1123.8	896.7	690.2	541.2	439.7	362.1	308.1	272.0	244.9	224.9
25°	1958.4	1558.4	1169.5	890.3	670.8	513.9	411.4	341.9	293.1	258.1	231.8
22.5°	2485.9	2016.8	1550.7	1115.9	831.6	622.4	474.9	376.0	313.0	272.2	241.9
20°	3009.2	2479.6	1948.6	1451.4	1027.4	728.6	544.1	421.2	340.9	288.0	251.4
17.5°	3490.2	2933.8	2352.0	1777.2	1268.6	890.2	631.7	466.9	365.2	302.0	259.6
15°	3945.7	3358.3	2744.6	2122.8	1526.3	1032.5	706.5	506.8	390.4	318.4	270.4
12.5°	4358.2	3739.5	3093.7	2419.9	1755.2	1192.0	806.1	565.5	421.4	335.3	280.7
10°	4718.2	4057.7	3369.6	2669.6	1976.3	1357.1	900.3	615.6	448.3	349.2	289.0
7.5°	4976.8	4308.1	3588.8	2871.4	2156.2	1499.0	980.4	655.3	469.4	360.0	295.4
5°	5167.0	4503.5	3771.5	3035.3	2289.7	1605.0	1040.2	683.2	484.5	367.4	299.9
2.5°	5297.4	4627.2	3893.8	3142.9	2367.2	1667.3	1078.3	698.2	491.7	373.2	302.3
0°	5334.5	4662.4	3924.6	3199.4	2379.2	1675.4	1093.6	700.4	491.4	376.2	302.8
-2.5°	5297.4	4627.2	3893.8	3142.9	2367.2	1667.3	1078.3	698.2	491.7	373.2	302.3
-5°	5167.0	4503.5	3771.5	3035.3	2289.7	1605.0	1040.2	683.2	484.5	367.4	299.9
-7.5°	4976.8	4308.1	3588.8	2871.4	2156.2	1499.0	980.4	655.3	469.4	360.0	295.4
-10°	4718.2	4057.7	3369.6	2669.6	1976.3	1357.1	900.3	615.6	448.3	349.2	289.0
-12.5°	4358.2	3739.5	3093.7	2419.9	1755.2	1192.0	806.1	565.5	421.4	335.3	280.7
-15°	3945.7	3358.3	2744.6	2122.8	1526.3	1032.5	706.5	506.8	390.4	318.4	270.4
-17.5°	3490.2	2933.8	2352.0	1777.2	1268.6	890.2	631.7	466.9	365.2	302.0	259.6
-20°	3009.2	2479.6	1948.6	1451.4	1027.4	728.6	544.1	421.2	340.9	288.0	251.4

Classified

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

Scaled Data Report



REPORT NUMBER: P626667 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA1C-730-U-MWR-XX

CANDELA DISTRIBUTION (continued):

	20°	22.5°	25°	27.5°	30°	32.5°	35°	37.5°	40°	42.5°	45°
-22.5°	2485.9	2016.8	1550.7	1115.9	831.6	622.4	474.9	376.0	313.0	272.2	241.9
-25°	1958.4	1558.4	1169.5	890.3	670.8	513.9	411.4	341.9	293.1	258.1	231.8
-27.5°	1458.0	1123.8	896.7	690.2	541.2	439.7	362.1	308.1	272.0	244.9	224.9
-30°	1029.2	838.5	676.1	543.7	451.3	374.1	319.9	283.9	254.9	232.2	217.0
-32.5°	733.8	625.6	515.3	444.3	376.9	326.4	290.8	261.4	238.7	223.1	210.1
-35°	543.9	475.8	415.0	366.9	323.3	292.3	264.6	243.3	227.2	214.2	203.4
-37.5°	422.4	378.7	346.3	312.4	287.7	264.1	244.4	229.1	216.6	206.6	197.3
-40°	343.9	317.5	298.0	276.2	258.5	241.6	228.7	217.0	207.8	199.2	191.2
-42.5°	291.9	276.5	262.3	248.5	235.4	225.8	215.7	207.1	199.2	191.9	185.4
-45°	255.9	246.2	235.8	228.9	220.7	212.9	204.8	197.9	191.3	185.1	179.5
-47.5°	230.8	225.6	220.2	215.1	208.7	201.8	195.5	189.4	183.6	178.2	172.2
-50°	214.1	211.0	207.3	203.0	197.8	192.1	186.6	180.7	175.8	170.8	164.9
-52.5°	201.6	199.1	195.8	191.9	188.0	183.4	178.2	173.1	168.5	163.3	157.6
-55°	191.2	188.9	186.1	183.2	179.8	175.1	170.5	165.6	160.7	155.6	148.6
-57.5°	181.7	179.6	176.7	173.6	170.5	166.3	161.8	157.3	152.1	146.1	138.9
-60°	170.2	168.4	165.3	162.3	159.7	156.5	151.4	146.7	142.2	135.0	127.3
-62.5°	155.5	153.1	151.1	148.7	146.1	143.0	138.8	133.8	128.4	122.1	115.0
-65°	139.8	136.8	135.0	133.3	131.2	128.4	124.2	119.4	114.1	108.1	101.9
-67.5°	124.7	122.0	120.2	118.4	116.2	113.4	109.4	104.7	99.6	94.3	89.0
-70°	109.6	107.5	105.6	103.6	101.1	98.1	94.3	89.9	85.4	80.8	76.3
-72.5°	93.8	92.2	90.3	88.0	85.4	82.5	79.2	75.6	71.8	67.9	64.0
-75°	77.7	76.2	74.4	72.3	70.0	67.5	64.8	61.9	58.8	55.5	52.3
-77.5°	61.2	59.7	58.1	56.5	54.8	53.1	51.1	48.6	46.2	43.6	41.0
-80°	44.8	43.7	42.7	41.7	40.7	39.5	38.1	36.2	34.2	32.2	30.4
-82.5°	30.2	29.5	28.7	28.1	27.4	26.7	25.9	24.6	23.4	22.1	20.8
-85°	17.1	16.5	15.8	15.6	15.3	15.0	14.7	14.1	13.4	12.7	11.9
-87.5°	5.8	5.4	5.1	5.2	5.4	5.5	5.6	5.4	5.2	5.0	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: P626667 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA1C-730-U-MWR-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°	4.6	4.4	4.1	3.9	3.7	3.4	3.1	2.9	2.5	2.1	1.8
85°	11.1	10.3	9.5	8.6	7.7	6.8	6.3	5.7	5.0	4.2	3.5
82.5°	19.5	18.3	17.0	15.7	14.2	12.7	11.2	9.8	8.2	6.5	5.3
80°	28.7	26.9	25.0	23.1	20.8	18.5	16.5	14.5	12.6	10.5	8.3
77.5°	38.5	35.9	33.3	30.8	28.2	25.5	22.6	19.6	16.9	14.5	11.9
75°	49.1	45.9	42.7	39.4	35.9	32.4	29.1	25.6	22.1	18.6	15.5
72.5°	60.2	56.3	52.3	48.2	44.2	40.1	35.8	31.6	27.6	23.4	19.2
70°	71.7	66.9	62.2	57.6	52.7	47.6	42.8	37.9	32.9	28.2	23.4
67.5°	83.5	78.1	72.5	67.0	61.6	55.9	49.9	44.1	38.4	32.9	27.6
65°	95.8	89.5	82.9	76.7	70.5	64.2	57.7	50.4	43.8	37.7	31.6
62.5°	107.9	101.0	93.7	86.2	79.2	72.3	65.3	57.2	49.3	42.3	35.6
60°	119.7	111.9	104.1	95.8	87.8	80.0	72.3	63.9	55.2	46.8	39.5
57.5°	130.5	122.3	113.6	104.9	96.2	87.6	79.0	70.1	60.9	51.7	43.3
55°	140.6	131.7	122.6	113.2	104.0	94.9	85.6	76.1	66.5	56.6	47.0
52.5°	150.1	140.8	131.1	121.2	111.3	101.8	92.0	81.9	71.7	61.3	51.1
50°	158.5	149.7	139.4	128.9	118.2	108.2	98.2	87.5	76.8	65.9	55.1
47.5°	165.4	157.4	147.5	136.4	125.2	114.5	104.0	93.0	81.6	70.2	59.0
45°	172.2	164.5	154.9	143.6	132.0	120.7	109.6	98.3	86.4	74.4	62.6
42.5°	178.6	170.9	161.9	150.6	138.5	126.7	115.1	103.2	90.9	78.4	66.1
40°	184.1	176.5	168.6	157.2	144.7	132.4	120.2	108.0	95.2	82.2	69.4
37.5°	189.4	181.7	173.4	163.5	150.5	137.7	125.1	112.5	99.4	85.9	72.5
35°	194.6	186.5	177.8	168.3	155.9	142.7	129.6	116.8	103.3	89.4	75.4
32.5°	199.2	190.9	181.8	172.2	160.9	147.3	133.8	120.6	106.9	92.7	78.1
30°	204.6	194.6	185.5	176.1	165.1	151.5	137.7	124.1	110.2	95.9	80.6
27.5°	209.8	198.1	188.7	179.3	168.4	155.3	141.3	127.3	113.2	98.7	83.2
25°	214.8	202.1	191.7	182.0	171.6	158.9	144.6	130.3	115.9	101.2	85.5
22.5°	220.7	205.8	194.6	184.4	174.6	162.2	147.6	133.0	118.3	103.5	87.6
20°	225.9	208.8	197.1	186.6	176.9	164.7	150.3	135.4	120.5	105.4	89.5
17.5°	230.9	212.3	199.7	188.7	178.6	166.8	152.6	137.5	122.3	107.1	91.2
15°	237.9	216.3	201.9	190.5	180.1	168.7	154.6	139.3	124.0	108.6	92.8
12.5°	243.9	219.6	203.7	192.0	181.3	170.2	156.3	140.8	125.3	109.9	94.1
10°	248.8	222.2	205.2	193.1	182.2	171.4	157.6	142.0	126.5	111.0	95.2
7.5°	252.5	224.2	206.2	193.9	182.8	172.3	158.8	143.2	127.5	111.9	96.1
5°	255.1	225.5	207.0	194.4	183.1	172.8	159.7	144.0	128.2	112.5	96.7
2.5°	256.3	226.1	207.7	194.5	183.2	173.0	160.2	144.4	128.7	112.9	97.1
0°	256.4	225.9	207.9	194.3	183.0	172.8	160.4	144.6	128.8	113.0	97.2
-2.5°	256.3	226.1	207.7	194.5	183.2	173.0	160.2	144.4	128.7	112.9	97.1
-5°	255.1	225.5	207.0	194.4	183.1	172.8	159.7	144.0	128.2	112.5	96.7
-7.5°	252.5	224.2	206.2	193.9	182.8	172.3	158.8	143.2	127.5	111.9	96.1
-10°	248.8	222.2	205.2	193.1	182.2	171.4	157.6	142.0	126.5	111.0	95.2
-12.5°	243.9	219.6	203.7	192.0	181.3	170.2	156.3	140.8	125.3	109.9	94.1
-15°	237.9	216.3	201.9	190.5	180.1	168.7	154.6	139.3	124.0	108.6	92.8
-17.5°	230.9	212.3	199.7	188.7	178.6	166.8	152.6	137.5	122.3	107.1	91.2
-20°	225.9	208.8	197.1	186.6	176.9	164.7	150.3	135.4	120.5	105.4	89.5

Classified

Cooper Lighting Solutions Photometric Lab
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Scaled Data Report



REPORT NUMBER: P626667 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA1C-730-U-MWR-XX

CANDELA DISTRIBUTION (continued):

	47.5°	50°	52.5°	55°	57.5°	60°	62.5°	65°	67.5°	70°	72.5°
-22.5°	220.7	205.8	194.6	184.4	174.6	162.2	147.6	133.0	118.3	103.5	87.6
-25°	214.8	202.1	191.7	182.0	171.6	158.9	144.6	130.3	115.9	101.2	85.5
-27.5°	209.8	198.1	188.7	179.3	168.4	155.3	141.3	127.3	113.2	98.7	83.2
-30°	204.6	194.6	185.5	176.1	165.1	151.5	137.7	124.1	110.2	95.9	80.6
-32.5°	199.2	190.9	181.8	172.2	160.9	147.3	133.8	120.6	106.9	92.7	78.1
-35°	194.6	186.5	177.8	168.3	155.9	142.7	129.6	116.8	103.3	89.4	75.4
-37.5°	189.4	181.7	173.4	163.5	150.5	137.7	125.1	112.5	99.4	85.9	72.5
-40°	184.1	176.5	168.6	157.2	144.7	132.4	120.2	108.0	95.2	82.2	69.4
-42.5°	178.6	170.9	161.9	150.6	138.5	126.7	115.1	103.2	90.9	78.4	66.1
-45°	172.2	164.5	154.9	143.6	132.0	120.7	109.6	98.3	86.4	74.4	62.6
-47.5°	165.4	157.4	147.5	136.4	125.2	114.5	104.0	93.0	81.6	70.2	59.0
-50°	158.5	149.7	139.4	128.9	118.2	108.2	98.2	87.5	76.8	65.9	55.1
-52.5°	150.1	140.8	131.1	121.2	111.3	101.8	92.0	81.9	71.7	61.3	51.1
-55°	140.6	131.7	122.6	113.2	104.0	94.9	85.6	76.1	66.5	56.6	47.0
-57.5°	130.5	122.3	113.6	104.9	96.2	87.6	79.0	70.1	60.9	51.7	43.3
-60°	119.7	111.9	104.1	95.8	87.8	80.0	72.3	63.9	55.2	46.8	39.5
-62.5°	107.9	101.0	93.7	86.2	79.2	72.3	65.3	57.2	49.3	42.3	35.6
-65°	95.8	89.5	82.9	76.7	70.5	64.2	57.7	50.4	43.8	37.7	31.6
-67.5°	83.5	78.1	72.5	67.0	61.6	55.9	49.9	44.1	38.4	32.9	27.6
-70°	71.7	66.9	62.2	57.6	52.7	47.6	42.8	37.9	32.9	28.2	23.4
-72.5°	60.2	56.3	52.3	48.2	44.2	40.1	35.8	31.6	27.6	23.4	19.2
-75°	49.1	45.9	42.7	39.4	35.9	32.4	29.1	25.6	22.1	18.6	15.5
-77.5°	38.5	35.9	33.3	30.8	28.2	25.5	22.6	19.6	16.9	14.5	11.9
-80°	28.7	26.9	25.0	23.1	20.8	18.5	16.5	14.5	12.6	10.5	8.3
-82.5°	19.5	18.3	17.0	15.7	14.2	12.7	11.2	9.8	8.2	6.5	5.3
-85°	11.1	10.3	9.5	8.6	7.7	6.8	6.3	5.7	5.0	4.2	3.5
-87.5°	4.6	4.4	4.1	3.9	3.7	3.4	3.1	2.9	2.5	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: P626667 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA1C-730-U-MWR-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°	1.4	1.2	1.0	0.7	0.5	0.2	0.0
85°	2.9	2.4	1.9	1.5	1.0	0.5	0.0
82.5°	4.3	3.6	2.9	2.2	1.5	0.7	0.0
80°	6.0	4.8	3.9	2.9	1.9	1.0	0.0
77.5°	9.2	6.5	4.8	3.6	2.4	1.2	0.0
75°	12.3	9.2	6.0	4.3	2.9	1.4	0.0
72.5°	15.4	11.8	8.1	5.0	3.4	1.7	0.0
70°	18.6	14.3	10.1	5.9	3.8	1.9	0.0
67.5°	22.1	16.9	12.2	7.4	4.3	2.1	0.0
65°	25.5	19.5	14.1	8.9	4.7	2.4	0.0
62.5°	28.9	22.3	16.1	10.4	5.2	2.6	0.0
60°	32.2	25.0	18.0	11.8	5.6	2.8	0.0
57.5°	35.5	27.6	20.1	13.2	6.5	3.0	0.0
55°	38.7	30.2	22.1	14.6	7.4	3.2	0.0
52.5°	41.8	32.6	24.0	15.9	8.3	3.4	0.0
50°	44.9	35.2	25.9	17.2	9.1	3.6	0.0
47.5°	47.9	37.7	27.7	18.4	9.9	3.8	0.0
45°	51.0	40.1	29.4	19.7	10.6	4.0	0.0
42.5°	54.0	42.4	31.0	20.9	11.3	4.1	0.0
40°	56.8	44.6	32.7	22.0	12.0	4.3	0.0
37.5°	59.5	46.7	34.4	23.1	12.7	4.4	0.0
35°	62.0	48.8	36.0	24.1	13.2	4.6	0.0
32.5°	64.4	50.7	37.5	25.0	13.8	4.7	0.0
30°	66.5	52.6	38.9	25.9	14.3	4.8	0.0
27.5°	68.5	54.2	40.1	26.7	14.8	5.0	0.0
25°	70.3	55.8	41.3	27.4	15.2	5.1	0.0
22.5°	71.9	57.1	42.3	28.0	15.6	5.2	0.0
20°	73.3	58.3	43.2	28.6	15.9	5.3	0.0
17.5°	74.6	59.3	44.0	29.1	16.2	5.3	0.0
15°	75.7	60.1	44.7	29.5	16.4	5.4	0.0
12.5°	76.7	60.9	45.3	29.9	16.6	5.5	0.0
10°	77.6	61.4	45.7	30.2	16.8	5.5	0.0
7.5°	78.2	61.8	46.0	30.4	16.9	5.6	0.0
5°	78.7	62.1	46.3	30.5	16.9	5.6	0.0
2.5°	79.0	62.2	46.3	30.5	16.9	5.6	0.0
0°	79.1	62.1	46.3	30.5	16.9	5.6	0.0
-2.5°	79.0	62.2	46.3	30.5	16.9	5.6	0.0
-5°	78.7	62.1	46.3	30.5	16.9	5.6	0.0
-7.5°	78.2	61.8	46.0	30.4	16.9	5.6	0.0
-10°	77.6	61.4	45.7	30.2	16.8	5.5	0.0
-12.5°	76.7	60.9	45.3	29.9	16.6	5.5	0.0
-15°	75.7	60.1	44.7	29.5	16.4	5.4	0.0
-17.5°	74.6	59.3	44.0	29.1	16.2	5.3	0.0
-20°	73.3	58.3	43.2	28.6	15.9	5.3	0.0

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CATALOG NUMBER: GFLD-SA1C-730-U-MWR-XX

CANDELA DISTRIBUTION (continued):

	75°	77.5°	80°	82.5°	85°	87.5°	90°
-22.5°	71.9	57.1	42.3	28.0	15.6	5.2	0.0
-25°	70.3	55.8	41.3	27.4	15.2	5.1	0.0
-27.5°	68.5	54.2	40.1	26.7	14.8	5.0	0.0
-30°	66.5	52.6	38.9	25.9	14.3	4.8	0.0
-32.5°	64.4	50.7	37.5	25.0	13.8	4.7	0.0
-35°	62.0	48.8	36.0	24.1	13.2	4.6	0.0
-37.5°	59.5	46.7	34.4	23.1	12.7	4.4	0.0
-40°	56.8	44.6	32.7	22.0	12.0	4.3	0.0
-42.5°	54.0	42.4	31.0	20.9	11.3	4.1	0.0
-45°	51.0	40.1	29.4	19.7	10.6	4.0	0.0
-47.5°	47.9	37.7	27.7	18.4	9.9	3.8	0.0
-50°	44.9	35.2	25.9	17.2	9.1	3.6	0.0
-52.5°	41.8	32.6	24.0	15.9	8.3	3.4	0.0
-55°	38.7	30.2	22.1	14.6	7.4	3.2	0.0
-57.5°	35.5	27.6	20.1	13.2	6.5	3.0	0.0
-60°	32.2	25.0	18.0	11.8	5.6	2.8	0.0
-62.5°	28.9	22.3	16.1	10.4	5.2	2.6	0.0
-65°	25.5	19.5	14.1	8.9	4.7	2.4	0.0
-67.5°	22.1	16.9	12.2	7.4	4.3	2.1	0.0
-70°	18.6	14.3	10.1	5.9	3.8	1.9	0.0
-72.5°	15.4	11.8	8.1	5.0	3.4	1.7	0.0
-75°	12.3	9.2	6.0	4.3	2.9	1.4	0.0
-77.5°	9.2	6.5	4.8	3.6	2.4	1.2	0.0
-80°	6.0	4.8	3.9	2.9	1.9	1.0	0.0
-82.5°	4.3	3.6	2.9	2.2	1.5	0.7	0.0
-85°	2.9	2.4	1.9	1.5	1.0	0.5	0.0
-87.5°	1.4	1.2	1.0	0.7	0.5	0.2	0.0
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0

(END OF REPORT)