

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: P626915 (CONVERTED FROM TYPE C PHOTOMETRY)

Luminaire Tested: **GFLD-SA2C-735-U-MR-XX**

Issue Date: 12/7/2022

Test Information

Test Method: LM-79-08
Report Number: P626915 (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-SA2C-735-U-MR-XX
Description: GALLEON FLOOD, TWO LIGHT SQAURE, MEDIUM SYMMETRICAL ROUND N47
Light Source: (32) 3500K CCT, 70 CRI LEDS
Ballast/Driver: -

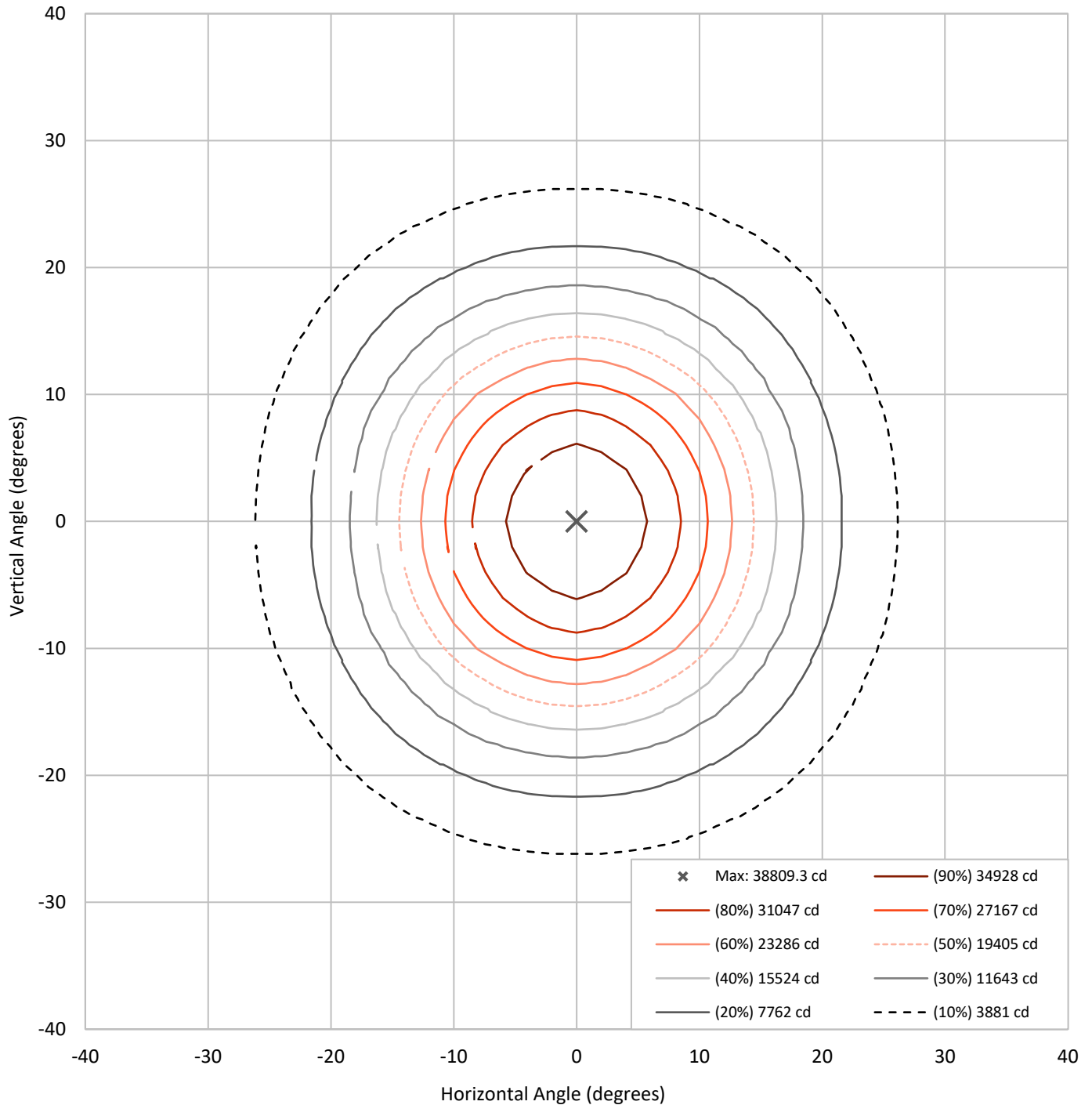
Summary

Lumens per Lamp:	N/A	NEMA Type:	4H x 4V
Luminaire Lumens:	12125.4 lumens	Max Intensity:	38809.3 candela
Efficiency:	N/A	Max Intensity Angle:	0°H x 0°V
Efficacy:	146.8 lumens/watt		
Luminous Opening:	Rectangular (W 1' 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:	5895.2 lumens	Field Lumens:	9948.7 lumens
Beam Efficiency:	48.6%	Field Efficiency:	82.0%
Input Watts (W):	82.6		
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





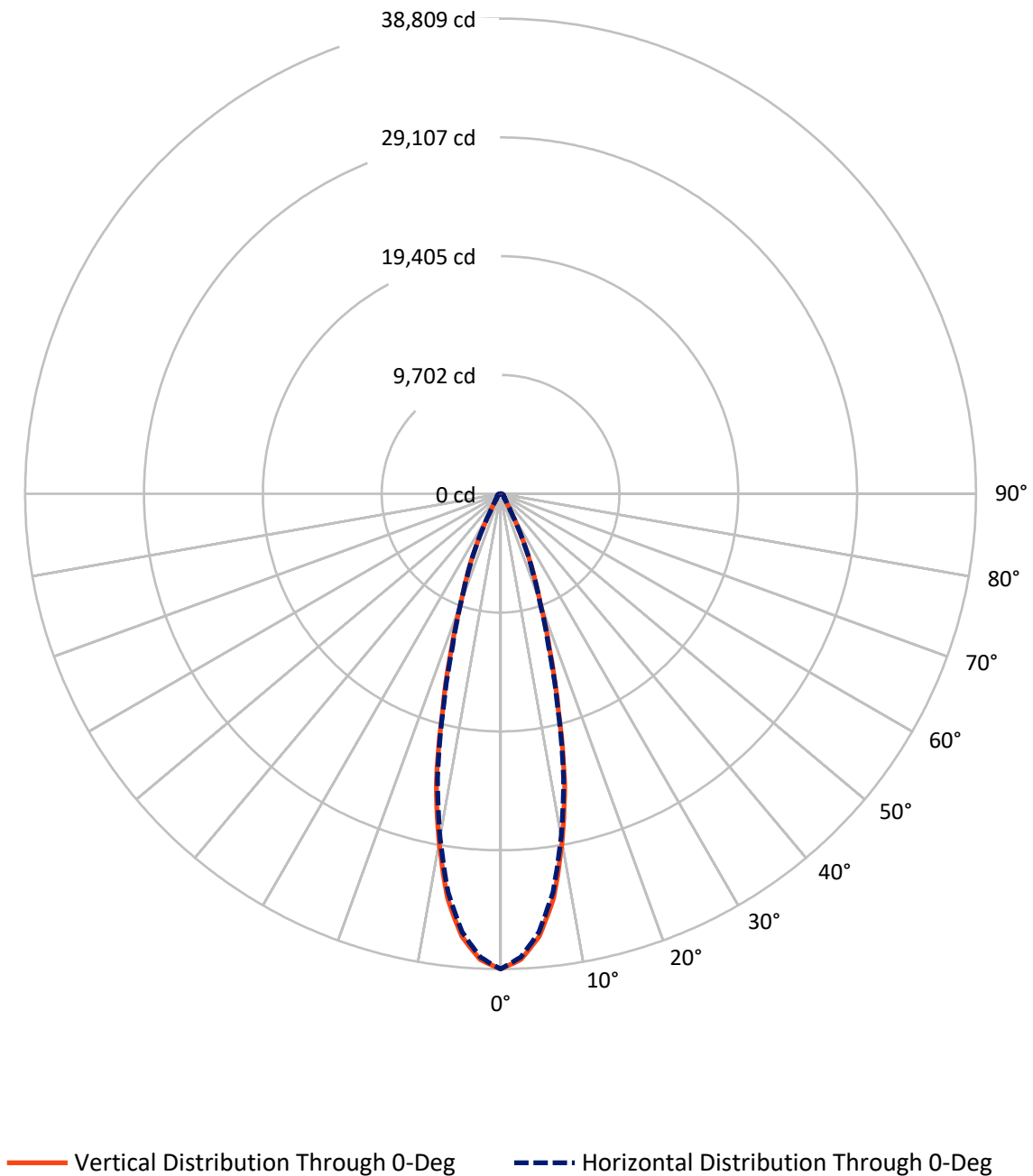
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Lumen Table

90	0.2	2.0		5.3		8.3		9.2		8.3		5.3		2.0		0.2			
80	0.2	2.0		5.3		8.3		9.2		8.3		5.3		2.0		0.2			
70	0.9	1.0	2.1	3.4	4.8	5.9	6.6	6.9	6.9	6.6	5.9	4.8	3.4	2.1	1.0	0.9			
60		1.6	3.1	5.1	6.8	8.3	9.4	9.7	9.7	9.4	8.3	6.8	5.1	3.1	1.6				
50	1.6	2.0	4.0	6.2	8.3	10.5	12.3	13.3	13.3	12.3	10.5	8.3	6.2	4.0	2.0	1.6			
40		2.3	4.7	7.2	10.2	14.5	21.0	27.3	27.3	21.0	14.5	10.2	7.2	4.7	2.3				
30	2.1	2.6	5.2	8.1	13.0	28.4	79.8	141.5	141.5	79.8	28.4	13.0	8.1	5.2	2.6	2.1			
20		2.8	5.4	8.8	17.8	74.4	265.2	508.3	508.3	265.2	74.4	17.8	8.8	5.4	2.8				
10	2.2	2.9	5.5	9.3	22.6	128.5	490.9	965.7	965.7	490.9	128.5	22.6	9.3	5.5	2.9	2.2			
0		2.9	5.5	9.3	22.6	128.5	490.9	965.7	965.7	490.9	128.5	22.6	9.3	5.5	2.9				
-10	2.1	2.8	5.4	8.8	17.8	74.4	265.2	508.3	508.3	265.2	74.4	17.8	8.8	5.4	2.8	2.1			
-20		2.6	5.2	8.1	13.0	28.4	79.8	141.5	141.5	79.8	28.4	13.0	8.1	5.2	2.6				
-30	1.6	2.3	4.7	7.2	10.2	14.5	21.0	27.3	27.3	21.0	14.5	10.2	7.2	4.7	2.3	1.6			
-40		2.0	4.0	6.2	8.3	10.5	12.3	13.3	13.3	12.3	10.5	8.3	6.2	4.0	2.0				
-50	0.9	1.6	3.1	5.1	6.8	8.3	9.4	9.7	9.7	9.4	8.3	6.8	5.1	3.1	1.6	0.9			
-60		1.0	2.1	3.4	4.8	5.9	6.6	6.9	6.9	6.6	5.9	4.8	3.4	2.1	1.0				
-70	0.2	2.0		5.3		8.3		9.2		8.3		5.3		2.0		0.2			
-80		2.0		5.3		8.3		9.2		8.3		5.3		2.0					
-90	0.2	2.0		5.3		8.3		9.2		8.3		5.3		2.0		0.2			
	-90	-80	-70	-60	-50	-40	-30	-20	-10	0	10	20	30	40	50	60	70	80	90

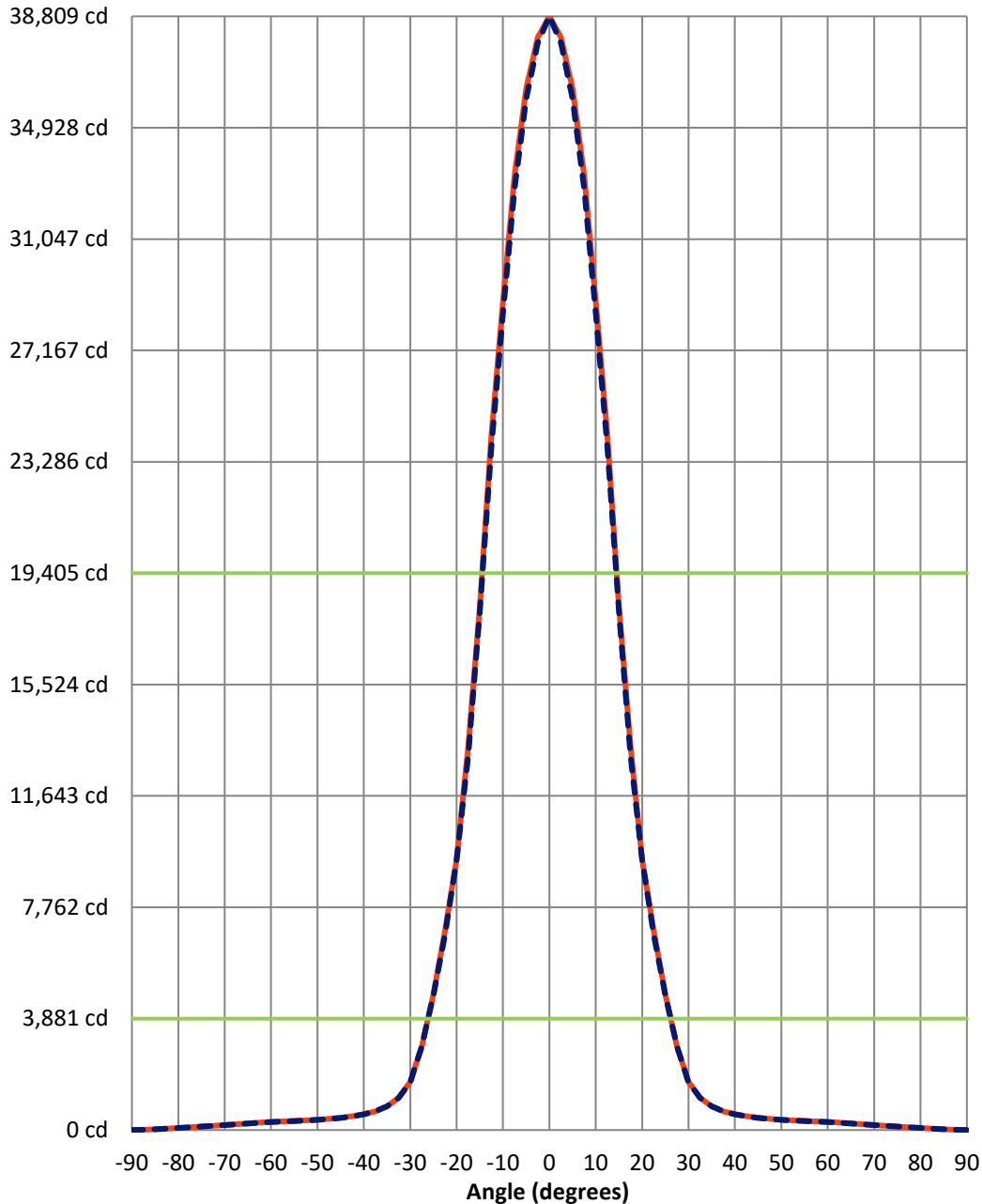
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Luminous Intensity Polar Plot



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Luminous Intensity Plot



Beam:
 H Angle: 28.8°
 V Angle: 29°
 Lumens: 5895.2
 Efficiency: 48.6%

Field:
 H Angle: 52.3°
 V Angle: 52.3°
 Lumens: 9948.7
 Efficiency: 82.0%

Spill:
 Lumens: 2176.7
 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	0.4	0.9	1.3	1.7	2.2	2.6	3.0	3.4	3.8	4.2
85°	0.0	0.9	1.7	2.6	3.5	4.3	5.2	6.0	6.8	7.6	8.4
82.5°	0.0	1.3	2.6	3.9	5.2	6.5	7.7	9.0	10.4	12.8	15.3
80°	0.0	1.7	3.5	5.2	6.9	8.6	10.5	13.5	16.7	20.1	23.5
77.5°	0.0	2.2	4.3	6.5	8.6	11.3	15.0	18.8	22.9	27.2	32.0
75°	0.0	2.6	5.2	7.7	10.5	15.0	19.3	24.0	29.2	35.2	41.2
72.5°	0.0	3.0	6.0	9.0	13.4	18.6	23.7	29.5	36.5	43.4	50.3
70°	0.0	3.4	6.8	10.4	16.3	22.1	28.1	35.9	43.8	51.6	60.0
67.5°	0.0	3.8	7.6	12.5	19.1	25.7	33.5	42.1	50.9	60.5	69.9
65°	0.0	4.2	8.4	14.6	21.9	29.6	38.9	48.3	58.7	69.2	79.8
62.5°	0.0	4.6	9.2	16.6	24.6	34.0	44.1	54.8	66.3	77.9	90.0
60°	0.0	5.0	10.0	18.6	27.3	38.3	49.2	61.3	73.8	86.6	99.9
57.5°	0.0	5.4	11.3	20.6	30.6	42.4	54.6	67.7	81.2	95.1	109.7
55°	0.0	5.7	12.5	22.5	33.8	46.5	59.9	73.9	88.4	103.4	119.3
52.5°	0.0	6.1	13.8	24.3	37.0	50.5	64.9	79.9	95.3	111.8	128.6
50°	0.0	6.4	15.0	26.1	40.0	54.5	69.8	85.8	102.1	120.0	137.3
47.5°	0.0	6.8	16.1	27.9	43.0	58.3	74.4	91.4	109.0	127.8	145.5
45°	0.0	7.1	17.2	30.0	45.8	62.0	79.1	96.8	115.8	134.8	153.2
42.5°	0.0	7.4	18.2	32.1	48.5	65.5	83.5	102.2	122.1	141.3	160.4
40°	0.0	7.7	19.2	34.0	51.1	68.7	87.7	107.4	128.0	147.4	167.1
37.5°	0.0	7.9	20.2	35.8	53.6	71.8	91.7	112.3	133.2	153.3	173.4
35°	0.0	8.2	21.1	37.4	55.9	74.9	95.5	116.9	138.1	158.8	179.4
32.5°	0.0	8.4	21.9	39.0	58.1	77.8	99.1	121.1	142.7	164.0	185.2
30°	0.0	8.7	22.7	40.4	60.1	80.6	102.5	125.0	147.0	168.8	190.6
27.5°	0.0	8.9	23.5	41.7	61.9	83.1	105.5	128.4	150.9	173.3	195.6
25°	0.0	9.1	24.1	42.8	63.6	85.4	108.3	131.5	154.4	177.3	200.1
22.5°	0.0	9.2	24.7	43.8	65.1	87.5	110.8	134.3	157.6	180.9	204.6
20°	0.0	9.4	25.3	44.7	66.6	89.3	113.0	136.8	160.5	184.1	208.7
17.5°	0.0	9.5	25.8	45.5	67.8	90.9	115.0	138.9	162.9	187.0	212.2
15°	0.0	9.7	26.2	46.1	69.0	92.2	116.8	140.9	165.0	189.3	215.2
12.5°	0.0	9.8	26.6	46.6	69.9	93.2	118.4	142.7	167.0	191.3	217.7
10°	0.0	9.8	26.9	47.0	70.7	94.0	119.7	144.3	168.7	193.6	219.9
7.5°	0.0	9.9	27.1	47.3	71.4	94.5	120.7	145.5	170.1	195.7	222.5
5°	0.0	10.0	27.3	47.4	71.8	94.8	121.5	146.3	171.1	197.3	224.4
2.5°	0.0	10.0	27.4	47.4	72.1	94.9	121.9	146.8	171.7	198.5	225.8
0°	0.0	10.0	27.4	47.3	72.2	94.7	122.1	147.0	171.9	199.3	226.7
-2.5°	0.0	10.0	27.4	47.4	72.1	94.9	121.9	146.8	171.7	198.5	225.8
-5°	0.0	10.0	27.3	47.4	71.8	94.8	121.5	146.3	171.1	197.3	224.4
-7.5°	0.0	9.9	27.1	47.3	71.4	94.5	120.7	145.5	170.1	195.7	222.5
-10°	0.0	9.8	26.9	47.0	70.7	94.0	119.7	144.3	168.7	193.6	219.9
-12.5°	0.0	9.8	26.6	46.6	69.9	93.2	118.4	142.7	167.0	191.3	217.7
-15°	0.0	9.7	26.2	46.1	69.0	92.2	116.8	140.9	165.0	189.3	215.2
-17.5°	0.0	9.5	25.8	45.5	67.8	90.9	115.0	138.9	162.9	187.0	212.2
-20°	0.0	9.4	25.3	44.7	66.6	89.3	113.0	136.8	160.5	184.1	208.7

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CATALOG NUMBER: GFLD-SA2C-735-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	9.2	24.7	43.8	65.1	87.5	110.8	134.3	157.6	180.9	204.6
-25°	0.0	9.1	24.1	42.8	63.6	85.4	108.3	131.5	154.4	177.3	200.1
-27.5°	0.0	8.9	23.5	41.7	61.9	83.1	105.5	128.4	150.9	173.3	195.6
-30°	0.0	8.7	22.7	40.4	60.1	80.6	102.5	125.0	147.0	168.8	190.6
-32.5°	0.0	8.4	21.9	39.0	58.1	77.8	99.1	121.1	142.7	164.0	185.2
-35°	0.0	8.2	21.1	37.4	55.9	74.9	95.5	116.9	138.1	158.8	179.4
-37.5°	0.0	7.9	20.2	35.8	53.6	71.8	91.7	112.3	133.2	153.3	173.4
-40°	0.0	7.7	19.2	34.0	51.1	68.7	87.7	107.4	128.0	147.4	167.1
-42.5°	0.0	7.4	18.2	32.1	48.5	65.5	83.5	102.2	122.1	141.3	160.4
-45°	0.0	7.1	17.2	30.0	45.8	62.0	79.1	96.8	115.8	134.8	153.2
-47.5°	0.0	6.8	16.1	27.9	43.0	58.3	74.4	91.4	109.0	127.8	145.5
-50°	0.0	6.4	15.0	26.1	40.0	54.5	69.8	85.8	102.1	120.0	137.3
-52.5°	0.0	6.1	13.8	24.3	37.0	50.5	64.9	79.9	95.3	111.8	128.6
-55°	0.0	5.7	12.5	22.5	33.8	46.5	59.9	73.9	88.4	103.4	119.3
-57.5°	0.0	5.4	11.3	20.6	30.6	42.4	54.6	67.7	81.2	95.1	109.7
-60°	0.0	5.0	10.0	18.6	27.3	38.3	49.2	61.3	73.8	86.6	99.9
-62.5°	0.0	4.6	9.2	16.6	24.6	34.0	44.1	54.8	66.3	77.9	90.0
-65°	0.0	4.2	8.4	14.6	21.9	29.6	38.9	48.3	58.7	69.2	79.8
-67.5°	0.0	3.8	7.6	12.5	19.1	25.7	33.5	42.1	50.9	60.5	69.9
-70°	0.0	3.4	6.8	10.4	16.3	22.1	28.1	35.9	43.8	51.6	60.0
-72.5°	0.0	3.0	6.0	9.0	13.4	18.6	23.7	29.5	36.5	43.4	50.3
-75°	0.0	2.6	5.2	7.7	10.5	15.0	19.3	24.0	29.2	35.2	41.2
-77.5°	0.0	2.2	4.3	6.5	8.6	11.3	15.0	18.8	22.9	27.2	32.0
-80°	0.0	1.7	3.5	5.2	6.9	8.6	10.5	13.5	16.7	20.1	23.5
-82.5°	0.0	1.3	2.6	3.9	5.2	6.5	7.7	9.0	10.4	12.8	15.3
-85°	0.0	0.9	1.7	2.6	3.5	4.3	5.2	6.0	6.8	7.6	8.4
-87.5°	0.0	0.4	0.9	1.3	1.7	2.2	2.6	3.0	3.4	3.8	4.2
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



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CANDELA DISTRIBUTION (continued):

	-62.5°	-60°	-57.5°	-55°	-52.5°	-50°	-47.5°	-45°	-42.5°	-40°	-37.5°
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
87.5°	4.6	5.0	5.4	5.7	6.1	6.4	6.8	7.1	7.4	7.7	7.9
85°	9.2	10.0	11.5	12.9	14.3	15.7	17.0	18.2	19.4	20.6	21.7
82.5°	17.6	19.9	22.1	24.3	26.4	28.4	30.4	32.3	34.1	35.8	37.4
80°	26.7	29.7	32.8	35.6	38.4	41.1	43.7	46.2	48.7	51.2	54.0
77.5°	36.3	40.2	43.8	47.0	50.5	54.8	58.8	62.8	66.6	70.2	73.6
75°	46.3	50.7	55.6	60.4	65.4	70.5	75.4	80.2	84.8	89.6	94.3
72.5°	56.7	62.8	68.6	74.3	80.6	86.8	92.5	97.7	103.5	110.0	115.9
70°	67.8	74.8	82.2	89.5	96.7	103.5	110.6	117.7	124.8	131.8	138.4
67.5°	79.0	87.7	96.3	104.6	112.7	121.0	129.3	137.9	146.1	154.0	161.6
65°	90.9	100.6	110.2	119.5	128.5	138.6	148.5	158.1	168.5	178.2	186.6
62.5°	102.4	113.4	123.9	134.5	145.4	156.6	168.1	180.1	192.5	201.5	209.2
60°	113.5	125.9	137.7	149.7	162.0	174.6	187.8	200.6	211.9	221.7	229.8
57.5°	124.4	138.2	151.3	164.4	177.8	192.1	206.6	219.7	230.2	239.7	248.6
55°	134.9	150.2	164.1	178.1	193.3	210.1	224.9	236.7	247.5	255.4	263.9
52.5°	144.9	161.3	175.8	191.5	208.9	226.3	241.1	252.5	261.6	269.8	278.1
50°	154.5	171.0	187.1	204.9	223.3	240.7	255.7	266.2	275.4	283.8	291.8
47.5°	163.2	180.3	198.5	217.5	236.7	254.0	268.3	279.1	288.6	297.2	306.0
45°	171.4	189.8	209.1	229.9	249.6	266.7	279.8	291.4	300.4	310.1	321.2
42.5°	179.2	198.8	219.9	242.0	262.2	277.8	290.5	301.5	312.0	323.7	335.9
40°	186.9	207.3	230.1	253.4	273.9	287.5	300.1	311.8	323.9	337.2	350.5
37.5°	194.0	216.0	239.6	264.0	282.5	296.6	309.7	322.7	336.3	350.5	367.3
35°	200.6	224.0	248.8	272.3	290.1	305.5	319.5	333.6	348.8	366.3	384.7
32.5°	207.0	231.3	257.3	279.4	297.1	313.4	328.9	344.9	362.4	381.6	402.5
30°	213.3	238.4	264.8	286.6	303.2	320.0	338.1	356.0	375.4	396.7	421.3
27.5°	219.5	245.0	271.0	292.2	308.6	325.7	345.2	366.9	388.1	411.4	439.9
25°	225.0	251.8	277.1	296.6	313.3	331.2	351.5	374.6	399.5	427.2	462.2
22.5°	230.3	258.0	282.9	300.4	317.2	336.0	357.8	382.3	409.3	441.4	484.3
20°	235.3	262.7	286.8	303.9	320.4	339.8	363.3	389.0	419.9	458.9	510.1
17.5°	239.6	266.8	289.5	306.8	323.8	343.7	368.0	394.7	429.5	474.3	534.8
15°	243.3	270.1	291.8	309.0	326.7	347.8	372.7	401.9	439.9	489.3	556.1
12.5°	246.4	272.6	293.7	310.6	328.9	350.8	376.8	408.8	450.4	505.7	584.9
10°	248.8	274.5	295.2	311.6	330.4	352.7	380.0	414.2	458.8	519.4	609.6
7.5°	251.1	276.2	296.3	312.0	331.4	353.7	382.2	418.0	465.0	529.7	629.3
5°	252.8	277.7	296.9	312.9	331.9	354.2	383.7	420.2	468.9	536.6	643.3
2.5°	253.8	278.7	296.9	313.6	332.0	354.3	385.5	421.5	473.2	542.3	651.2
0°	254.1	279.0	296.4	313.9	331.3	353.7	386.1	421.0	475.8	545.6	652.7
-2.5°	253.8	278.7	296.9	313.6	332.0	354.3	385.5	421.5	473.2	542.3	651.2
-5°	252.8	277.7	296.9	312.9	331.9	354.2	383.7	420.2	468.9	536.6	643.3
-7.5°	251.1	276.2	296.3	312.0	331.4	353.7	382.2	418.0	465.0	529.7	629.3
-10°	248.8	274.5	295.2	311.6	330.4	352.7	380.0	414.2	458.8	519.4	609.6
-12.5°	246.4	272.6	293.7	310.6	328.9	350.8	376.8	408.8	450.4	505.7	584.9
-15°	243.3	270.1	291.8	309.0	326.7	347.8	372.7	401.9	439.9	489.3	556.1
-17.5°	239.6	266.8	289.5	306.8	323.8	343.7	368.0	394.7	429.5	474.3	534.8
-20°	235.3	262.7	286.8	303.9	320.4	339.8	363.3	389.0	419.9	458.9	510.1

Classified

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

Scaled Data Report



REPORT NUMBER: P626915 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA2C-735-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°	230.3	258.0	282.9	300.4	317.2	336.0	357.8	382.3	409.3	441.4	484.3
-25°	225.0	251.8	277.1	296.6	313.3	331.2	351.5	374.6	399.5	427.2	462.2
-27.5°	219.5	245.0	271.0	292.2	308.6	325.7	345.2	366.9	388.1	411.4	439.9
-30°	213.3	238.4	264.8	286.6	303.2	320.0	338.1	356.0	375.4	396.7	421.3
-32.5°	207.0	231.3	257.3	279.4	297.1	313.4	328.9	344.9	362.4	381.6	402.5
-35°	200.6	224.0	248.8	272.3	290.1	305.5	319.5	333.6	348.8	366.3	384.7
-37.5°	194.0	216.0	239.6	264.0	282.5	296.6	309.7	322.7	336.3	350.5	367.3
-40°	186.9	207.3	230.1	253.4	273.9	287.5	300.1	311.8	323.9	337.2	350.5
-42.5°	179.2	198.8	219.9	242.0	262.2	277.8	290.5	301.5	312.0	323.7	335.9
-45°	171.4	189.8	209.1	229.9	249.6	266.7	279.8	291.4	300.4	310.1	321.2
-47.5°	163.2	180.3	198.5	217.5	236.7	254.0	268.3	279.1	288.6	297.2	306.0
-50°	154.5	171.0	187.1	204.9	223.3	240.7	255.7	266.2	275.4	283.8	291.8
-52.5°	144.9	161.3	175.8	191.5	208.9	226.3	241.1	252.5	261.6	269.8	278.1
-55°	134.9	150.2	164.1	178.1	193.3	210.1	224.9	236.7	247.5	255.4	263.9
-57.5°	124.4	138.2	151.3	164.4	177.8	192.1	206.6	219.7	230.2	239.7	248.6
-60°	113.5	125.9	137.7	149.7	162.0	174.6	187.8	200.6	211.9	221.7	229.8
-62.5°	102.4	113.4	123.9	134.5	145.4	156.6	168.1	180.1	192.5	201.5	209.2
-65°	90.9	100.6	110.2	119.5	128.5	138.6	148.5	158.1	168.5	178.2	186.6
-67.5°	79.0	87.7	96.3	104.6	112.7	121.0	129.3	137.9	146.1	154.0	161.6
-70°	67.8	74.8	82.2	89.5	96.7	103.5	110.6	117.7	124.8	131.8	138.4
-72.5°	56.7	62.8	68.6	74.3	80.6	86.8	92.5	97.7	103.5	110.0	115.9
-75°	46.3	50.7	55.6	60.4	65.4	70.5	75.4	80.2	84.8	89.6	94.3
-77.5°	36.3	40.2	43.8	47.0	50.5	54.8	58.8	62.8	66.6	70.2	73.6
-80°	26.7	29.7	32.8	35.6	38.4	41.1	43.7	46.2	48.7	51.2	54.0
-82.5°	17.6	19.9	22.1	24.3	26.4	28.4	30.4	32.3	34.1	35.8	37.4
-85°	9.2	10.0	11.5	12.9	14.3	15.7	17.0	18.2	19.4	20.6	21.7
-87.5°	4.6	5.0	5.4	5.7	6.1	6.4	6.8	7.1	7.4	7.7	7.9
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



REPORT NUMBER: P626915 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA2C-735-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°	8.2	8.4	8.7	8.9	9.1	9.2	9.4	9.5	9.7	9.8	9.8
85°	22.7	23.7	24.6	25.4	26.2	26.4	26.4	26.4	26.2	26.6	26.9
82.5°	39.0	40.7	42.5	44.2	45.9	46.6	47.0	47.3	47.5	48.2	48.8
80°	56.6	59.3	61.9	64.2	66.2	67.6	69.0	70.2	71.3	71.8	72.0
77.5°	77.0	80.4	83.5	86.4	89.1	91.2	92.9	94.3	95.4	96.1	96.5
75°	99.0	103.3	107.1	110.6	113.8	116.0	117.6	118.8	119.6	120.4	121.1
72.5°	121.3	126.1	130.6	134.8	138.5	141.1	143.0	144.5	145.6	146.4	146.9
70°	144.7	150.5	155.4	159.6	163.0	165.5	167.5	169.1	170.3	171.1	171.6
67.5°	168.9	175.1	179.7	183.5	186.5	189.1	191.6	193.4	194.6	195.7	197.0
65°	193.6	199.9	204.7	208.6	211.8	215.2	218.3	220.6	222.2	223.6	225.0
62.5°	216.8	223.9	229.4	234.6	239.7	244.6	247.5	249.7	251.3	252.7	254.3
60°	237.9	246.0	252.7	258.9	265.2	271.6	274.3	276.3	278.3	280.1	281.8
57.5°	256.7	265.2	273.4	279.5	285.6	291.6	295.7	298.0	299.4	300.3	301.0
55°	273.0	281.5	289.7	296.8	303.4	309.5	314.0	316.2	317.8	318.9	319.5
52.5°	287.6	296.7	305.4	313.3	320.4	327.0	332.7	335.7	338.2	339.9	340.5
50°	301.9	311.8	321.2	329.6	337.9	345.8	353.0	357.3	360.2	362.1	362.7
47.5°	316.8	327.6	337.8	347.5	356.9	366.3	374.9	380.6	384.9	388.1	390.3
45°	332.4	344.0	355.3	366.8	377.6	389.7	400.5	408.9	415.1	420.5	424.8
42.5°	348.1	361.1	374.1	388.9	403.6	417.3	430.3	441.4	451.6	461.5	469.2
40°	365.2	379.4	397.1	414.7	432.9	448.9	467.8	484.7	500.3	517.1	531.1
37.5°	383.9	402.1	423.1	444.1	467.8	490.7	517.2	543.3	565.9	595.4	619.0
35°	404.1	427.3	452.1	480.3	510.8	546.9	583.9	627.3	664.1	710.9	754.1
32.5°	426.7	454.0	486.1	525.0	566.2	624.0	678.3	751.8	814.8	895.9	984.6
30°	449.8	484.9	528.7	578.9	648.5	730.6	826.2	950.7	1085.3	1224.6	1412.0
27.5°	477.0	522.7	577.4	654.8	759.0	872.6	1067.5	1277.9	1571.1	1803.2	2216.6
25°	506.4	563.0	643.7	755.9	899.9	1129.8	1458.8	1839.7	2426.4	2948.2	3547.9
22.5°	541.2	618.0	724.9	871.8	1122.8	1518.3	2031.8	2814.2	3683.9	4542.2	5326.7
20°	578.1	670.8	820.2	1059.6	1447.5	2019.4	2935.6	4053.5	5208.1	6384.5	7375.8
17.5°	621.0	747.0	943.9	1261.8	1815.2	2794.3	4018.1	5439.6	6948.0	8449.1	9753.0
15°	658.0	813.7	1078.7	1554.9	2380.2	3604.9	5109.0	6904.3	8801.2	10749.2	12860.6
12.5°	705.1	894.0	1217.6	1797.3	2881.5	4473.3	6313.7	8398.1	10714.4	13300.9	16592.5
10°	748.4	978.2	1400.4	2185.6	3484.1	5284.5	7354.3	9719.1	12723.5	16610.5	20580.8
7.5°	783.1	1045.0	1542.2	2488.6	3989.4	5977.5	8291.2	11126.5	14874.8	19503.3	24039.7
5°	807.3	1091.3	1643.6	2717.6	4395.9	6507.1	8956.2	12164.0	16688.1	21871.1	26503.1
2.5°	822.4	1116.6	1693.3	2853.5	4661.1	6825.8	9371.0	12823.4	17799.5	23378.5	28068.2
0°	829.5	1121.0	1661.6	2919.6	4698.3	6803.3	9409.0	13043.6	18063.2	23787.8	28458.7
-2.5°	822.4	1116.6	1693.3	2853.5	4661.1	6825.8	9371.0	12823.4	17799.5	23378.5	28068.2
-5°	807.3	1091.3	1643.6	2717.6	4395.9	6507.1	8956.2	12164.0	16688.1	21871.1	26503.1
-7.5°	783.1	1045.0	1542.2	2488.6	3989.4	5977.5	8291.2	11126.5	14874.8	19503.3	24039.7
-10°	748.4	978.2	1400.4	2185.6	3484.1	5284.5	7354.3	9719.1	12723.5	16610.5	20580.8
-12.5°	705.1	894.0	1217.6	1797.3	2881.5	4473.3	6313.7	8398.1	10714.4	13300.9	16592.5
-15°	658.0	813.7	1078.7	1554.9	2380.2	3604.9	5109.0	6904.3	8801.2	10749.2	12860.6
-17.5°	621.0	747.0	943.9	1261.8	1815.2	2794.3	4018.1	5439.6	6948.0	8449.1	9753.0
-20°	578.1	670.8	820.2	1059.6	1447.5	2019.4	2935.6	4053.5	5208.1	6384.5	7375.8

Classified

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

Scaled Data Report



REPORT NUMBER: P626915 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA2C-735-U-MR-XX

CANDELA DISTRIBUTION (continued):

	-35°	-32.5°	-30°	-27.5°	-25°	-22.5°	-20°	-17.5°	-15°	-12.5°	-10°
-22.5°	541.2	618.0	724.9	871.8	1122.8	1518.3	2031.8	2814.2	3683.9	4542.2	5326.7
-25°	506.4	563.0	643.7	755.9	899.9	1129.8	1458.8	1839.7	2426.4	2948.2	3547.9
-27.5°	477.0	522.7	577.4	654.8	759.0	872.6	1067.5	1277.9	1571.1	1803.2	2216.6
-30°	449.8	484.9	528.7	578.9	648.5	730.6	826.2	950.7	1085.3	1224.6	1412.0
-32.5°	426.7	454.0	486.1	525.0	566.2	624.0	678.3	751.8	814.8	895.9	984.6
-35°	404.1	427.3	452.1	480.3	510.8	546.9	583.9	627.3	664.1	710.9	754.1
-37.5°	383.9	402.1	423.1	444.1	467.8	490.7	517.2	543.3	565.9	595.4	619.0
-40°	365.2	379.4	397.1	414.7	432.9	448.9	467.8	484.7	500.3	517.1	531.1
-42.5°	348.1	361.1	374.1	388.9	403.6	417.3	430.3	441.4	451.6	461.5	469.2
-45°	332.4	344.0	355.3	366.8	377.6	389.7	400.5	408.9	415.1	420.5	424.8
-47.5°	316.8	327.6	337.8	347.5	356.9	366.3	374.9	380.6	384.9	388.1	390.3
-50°	301.9	311.8	321.2	329.6	337.9	345.8	353.0	357.3	360.2	362.1	362.7
-52.5°	287.6	296.7	305.4	313.3	320.4	327.0	332.7	335.7	338.2	339.9	340.5
-55°	273.0	281.5	289.7	296.8	303.4	309.5	314.0	316.2	317.8	318.9	319.5
-57.5°	256.7	265.2	273.4	279.5	285.6	291.6	295.7	298.0	299.4	300.3	301.0
-60°	237.9	246.0	252.7	258.9	265.2	271.6	274.3	276.3	278.3	280.1	281.8
-62.5°	216.8	223.9	229.4	234.6	239.7	244.6	247.5	249.7	251.3	252.7	254.3
-65°	193.6	199.9	204.7	208.6	211.8	215.2	218.3	220.6	222.2	223.6	225.0
-67.5°	168.9	175.1	179.7	183.5	186.5	189.1	191.6	193.4	194.6	195.7	197.0
-70°	144.7	150.5	155.4	159.6	163.0	165.5	167.5	169.1	170.3	171.1	171.6
-72.5°	121.3	126.1	130.6	134.8	138.5	141.1	143.0	144.5	145.6	146.4	146.9
-75°	99.0	103.3	107.1	110.6	113.8	116.0	117.6	118.8	119.6	120.4	121.1
-77.5°	77.0	80.4	83.5	86.4	89.1	91.2	92.9	94.3	95.4	96.1	96.5
-80°	56.6	59.3	61.9	64.2	66.2	67.6	69.0	70.2	71.3	71.8	72.0
-82.5°	39.0	40.7	42.5	44.2	45.9	46.6	47.0	47.3	47.5	48.2	48.8
-85°	22.7	23.7	24.6	25.4	26.2	26.4	26.4	26.4	26.2	26.6	26.9
-87.5°	8.2	8.4	8.7	8.9	9.1	9.2	9.4	9.5	9.7	9.8	9.8
-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: P626915 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA2C-735-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°	9.9	10.0	10.0	10.0	10.0	10.0	9.9	9.8	9.8	9.7	9.5
85°	27.1	27.3	27.4	27.4	27.4	27.3	27.1	26.9	26.6	26.2	26.4
82.5°	49.2	49.5	49.7	49.8	49.7	49.5	49.2	48.8	48.2	47.5	47.3
80°	72.1	71.9	72.1	72.2	72.1	71.9	72.1	72.0	71.8	71.3	70.2
77.5°	96.8	96.7	97.1	97.2	97.1	96.7	96.8	96.5	96.1	95.4	94.3
75°	121.5	121.6	122.0	122.1	122.0	121.6	121.5	121.1	120.4	119.6	118.8
72.5°	146.8	146.4	146.8	147.0	146.8	146.4	146.8	146.9	146.4	145.6	144.5
70°	171.6	171.3	172.9	174.4	172.9	171.3	171.6	171.6	171.1	170.3	169.1
67.5°	197.9	198.4	200.2	201.8	200.2	198.4	197.9	197.0	195.7	194.6	193.4
65°	225.8	225.8	227.5	229.2	227.5	225.8	225.8	225.0	223.6	222.2	220.6
62.5°	255.3	255.6	257.4	259.1	257.4	255.6	255.3	254.3	252.7	251.3	249.7
60°	282.7	283.0	283.7	284.0	283.7	283.0	282.7	281.8	280.1	278.3	276.3
57.5°	301.2	300.9	301.2	301.4	301.2	300.9	301.2	301.0	300.3	299.4	298.0
55°	319.4	318.6	317.7	316.4	317.7	318.6	319.4	319.5	318.9	317.8	316.2
52.5°	340.1	338.7	337.5	336.3	337.5	338.7	340.1	340.5	339.9	338.2	335.7
50°	362.3	361.1	359.9	358.7	359.9	361.1	362.3	362.7	362.1	360.2	357.3
47.5°	391.9	392.4	392.1	391.1	392.1	392.4	391.9	390.3	388.1	384.9	380.6
45°	427.8	429.3	429.5	428.5	429.5	429.3	427.8	424.8	420.5	415.1	408.9
42.5°	474.7	477.9	479.6	480.8	479.6	477.9	474.7	469.2	461.5	451.6	441.4
40°	541.2	547.6	551.7	555.5	551.7	547.6	541.2	531.1	517.1	500.3	484.7
37.5°	636.5	648.2	653.4	650.2	653.4	648.2	636.5	619.0	595.4	565.9	543.3
35°	787.4	809.6	821.2	822.1	821.2	809.6	787.4	754.1	710.9	664.1	627.3
32.5°	1050.2	1095.6	1120.1	1123.5	1120.1	1095.6	1050.2	984.6	895.9	814.8	751.8
30°	1555.6	1648.3	1691.8	1681.5	1691.8	1648.3	1555.6	1412.0	1224.6	1085.3	950.7
27.5°	2538.0	2769.2	2906.2	2917.1	2906.2	2769.2	2538.0	2216.6	1803.2	1571.1	1277.9
25°	4079.1	4473.9	4726.6	4730.7	4726.6	4473.9	4079.1	3547.9	2948.2	2426.4	1839.7
22.5°	6052.2	6591.0	6886.2	6937.8	6886.2	6591.0	6052.2	5326.7	4542.2	3683.9	2814.2
20°	8338.2	9055.0	9438.4	9438.9	9438.4	9055.0	8338.2	7375.8	6384.5	5208.1	4053.5
17.5°	11153.5	12317.3	13047.9	13362.4	13047.9	12317.3	11153.5	9753.0	8449.1	6948.0	5439.6
15°	14893.5	16849.4	18021.4	18232.6	18021.4	16849.4	14893.5	12860.6	10749.2	8801.2	6904.3
12.5°	19447.6	21922.7	23586.5	24196.4	23586.5	21922.7	19447.6	16592.5	13300.9	10714.4	8398.1
10°	24202.4	26495.7	28278.2	28877.2	28278.2	26495.7	24202.4	20580.8	16610.5	12723.5	9719.1
7.5°	27637.3	30372.1	32379.9	33261.6	32379.9	30372.1	27637.3	24039.7	19503.3	14874.8	11126.5
5°	30348.9	33584.7	35453.8	36283.3	35453.8	33584.7	30348.9	26503.1	21871.1	16688.1	12164.0
2.5°	32128.0	35325.4	37304.6	38069.5	37304.6	35325.4	32128.0	28068.2	23378.5	17799.5	12823.4
0°	32793.3	35919.6	37875.2	38809.3	37875.2	35919.6	32793.3	28458.7	23787.8	18063.2	13043.6
-2.5°	32128.0	35325.4	37304.6	38069.5	37304.6	35325.4	32128.0	28068.2	23378.5	17799.5	12823.4
-5°	30348.9	33584.7	35453.8	36283.3	35453.8	33584.7	30348.9	26503.1	21871.1	16688.1	12164.0
-7.5°	27637.3	30372.1	32379.9	33261.6	32379.9	30372.1	27637.3	24039.7	19503.3	14874.8	11126.5
-10°	24202.4	26495.7	28278.2	28877.2	28278.2	26495.7	24202.4	20580.8	16610.5	12723.5	9719.1
-12.5°	19447.6	21922.7	23586.5	24196.4	23586.5	21922.7	19447.6	16592.5	13300.9	10714.4	8398.1
-15°	14893.5	16849.4	18021.4	18232.6	18021.4	16849.4	14893.5	12860.6	10749.2	8801.2	6904.3
-17.5°	11153.5	12317.3	13047.9	13362.4	13047.9	12317.3	11153.5	9753.0	8449.1	6948.0	5439.6
-20°	8338.2	9055.0	9438.4	9438.9	9438.4	9055.0	8338.2	7375.8	6384.5	5208.1	4053.5



REPORT NUMBER: P626915 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA2C-735-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°	6052.2	6591.0	6886.2	6937.8	6886.2	6591.0	6052.2	5326.7	4542.2	3683.9	2814.2
-25°	4079.1	4473.9	4726.6	4730.7	4726.6	4473.9	4079.1	3547.9	2948.2	2426.4	1839.7
-27.5°	2538.0	2769.2	2906.2	2917.1	2906.2	2769.2	2538.0	2216.6	1803.2	1571.1	1277.9
-30°	1555.6	1648.3	1691.8	1681.5	1691.8	1648.3	1555.6	1412.0	1224.6	1085.3	950.7
-32.5°	1050.2	1095.6	1120.1	1123.5	1120.1	1095.6	1050.2	984.6	895.9	814.8	751.8
-35°	787.4	809.6	821.2	822.1	821.2	809.6	787.4	754.1	710.9	664.1	627.3
-37.5°	636.5	648.2	653.4	650.2	653.4	648.2	636.5	619.0	595.4	565.9	543.3
-40°	541.2	547.6	551.7	555.5	551.7	547.6	541.2	531.1	517.1	500.3	484.7
-42.5°	474.7	477.9	479.6	480.8	479.6	477.9	474.7	469.2	461.5	451.6	441.4
-45°	427.8	429.3	429.5	428.5	429.5	429.3	427.8	424.8	420.5	415.1	408.9
-47.5°	391.9	392.4	392.1	391.1	392.1	392.4	391.9	390.3	388.1	384.9	380.6
-50°	362.3	361.1	359.9	358.7	359.9	361.1	362.3	362.7	362.1	360.2	357.3
-52.5°	340.1	338.7	337.5	336.3	337.5	338.7	340.1	340.5	339.9	338.2	335.7
-55°	319.4	318.6	317.7	316.4	317.7	318.6	319.4	319.5	318.9	317.8	316.2
-57.5°	301.2	300.9	301.2	301.4	301.2	300.9	301.2	301.0	300.3	299.4	298.0
-60°	282.7	283.0	283.7	284.0	283.7	283.0	282.7	281.8	280.1	278.3	276.3
-62.5°	255.3	255.6	257.4	259.1	257.4	255.6	255.3	254.3	252.7	251.3	249.7
-65°	225.8	225.8	227.5	229.2	227.5	225.8	225.8	225.0	223.6	222.2	220.6
-67.5°	197.9	198.4	200.2	201.8	200.2	198.4	197.9	197.0	195.7	194.6	193.4
-70°	171.6	171.3	172.9	174.4	172.9	171.3	171.6	171.6	171.1	170.3	169.1
-72.5°	146.8	146.4	146.8	147.0	146.8	146.4	146.8	146.9	146.4	145.6	144.5
-75°	121.5	121.6	122.0	122.1	122.0	121.6	121.5	121.1	120.4	119.6	118.8
-77.5°	96.8	96.7	97.1	97.2	97.1	96.7	96.8	96.5	96.1	95.4	94.3
-80°	72.1	71.9	72.1	72.2	72.1	71.9	72.1	72.0	71.8	71.3	70.2
-82.5°	49.2	49.5	49.7	49.8	49.7	49.5	49.2	48.8	48.2	47.5	47.3
-85°	27.1	27.3	27.4	27.4	27.4	27.3	27.1	26.9	26.6	26.2	26.4
-87.5°	9.9	10.0	10.0	10.0	10.0	10.0	9.9	9.8	9.8	9.7	9.5
-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: P626915 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA2C-735-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°	9.4	9.2	9.1	8.9	8.7	8.4	8.2	7.9	7.7	7.4	7.1
85°	26.4	26.4	26.2	25.4	24.6	23.7	22.7	21.7	20.6	19.4	18.2
82.5°	47.0	46.6	45.9	44.2	42.5	40.7	39.0	37.4	35.8	34.1	32.3
80°	69.0	67.6	66.2	64.2	61.9	59.3	56.6	54.0	51.2	48.7	46.2
77.5°	92.9	91.2	89.1	86.4	83.5	80.4	77.0	73.6	70.2	66.6	62.8
75°	117.6	116.0	113.8	110.6	107.1	103.3	99.0	94.3	89.6	84.8	80.2
72.5°	143.0	141.1	138.5	134.8	130.6	126.1	121.3	115.9	110.0	103.5	97.7
70°	167.5	165.5	163.0	159.6	155.4	150.5	144.7	138.4	131.8	124.8	117.7
67.5°	191.6	189.1	186.5	183.5	179.7	175.1	168.9	161.6	154.0	146.1	137.9
65°	218.3	215.2	211.8	208.6	204.7	199.9	193.6	186.6	178.2	168.5	158.1
62.5°	247.5	244.6	239.7	234.6	229.4	223.9	216.8	209.2	201.5	192.5	180.1
60°	274.3	271.6	265.2	258.9	252.7	246.0	237.9	229.8	221.7	211.9	200.6
57.5°	295.7	291.6	285.6	279.5	273.4	265.2	256.7	248.6	239.7	230.2	219.7
55°	314.0	309.5	303.4	296.8	289.7	281.5	273.0	263.9	255.4	247.5	236.7
52.5°	332.7	327.0	320.4	313.3	305.4	296.7	287.6	278.1	269.8	261.6	252.5
50°	353.0	345.8	337.9	329.6	321.2	311.8	301.9	291.8	283.8	275.4	266.2
47.5°	374.9	366.3	356.9	347.5	337.8	327.6	316.8	306.0	297.2	288.6	279.1
45°	400.5	389.7	377.6	366.8	355.3	344.0	332.4	321.2	310.1	300.4	291.4
42.5°	430.3	417.3	403.6	388.9	374.1	361.1	348.1	335.9	323.7	312.0	301.5
40°	467.8	448.9	432.9	414.7	397.1	379.4	365.2	350.5	337.2	323.9	311.8
37.5°	517.2	490.7	467.8	444.1	423.1	402.1	383.9	367.3	350.5	336.3	322.7
35°	583.9	546.9	510.8	480.3	452.1	427.3	404.1	384.7	366.3	348.8	333.6
32.5°	678.3	624.0	566.2	525.0	486.1	454.0	426.7	402.5	381.6	362.4	344.9
30°	826.2	730.6	648.5	578.9	528.7	484.9	449.8	421.3	396.7	375.4	356.0
27.5°	1067.5	872.6	759.0	654.8	577.4	522.7	477.0	439.9	411.4	388.1	366.9
25°	1458.8	1129.8	899.9	755.9	643.7	563.0	506.4	462.2	427.2	399.5	374.6
22.5°	2031.8	1518.3	1122.8	871.8	724.9	618.0	541.2	484.3	441.4	409.3	382.3
20°	2935.6	2019.4	1447.5	1059.6	820.2	670.8	578.1	510.1	458.9	419.9	389.0
17.5°	4018.1	2794.3	1815.2	1261.8	943.9	747.0	621.0	534.8	474.3	429.5	394.7
15°	5109.0	3604.9	2380.2	1554.9	1078.7	813.7	658.0	556.1	489.3	439.9	401.9
12.5°	6313.7	4473.3	2881.5	1797.3	1217.6	894.0	705.1	584.9	505.7	450.4	408.8
10°	7354.3	5284.5	3484.1	2185.6	1400.4	978.2	748.4	609.6	519.4	458.8	414.2
7.5°	8291.2	5977.5	3989.4	2488.6	1542.2	1045.0	783.1	629.3	529.7	465.0	418.0
5°	8956.2	6507.1	4395.9	2717.6	1643.6	1091.3	807.3	643.3	536.6	468.9	420.2
2.5°	9371.0	6825.8	4661.1	2853.5	1693.3	1116.6	822.4	651.2	542.3	473.2	421.5
0°	9409.0	6803.3	4698.3	2919.6	1661.6	1121.0	829.5	652.7	545.6	475.8	421.0
-2.5°	9371.0	6825.8	4661.1	2853.5	1693.3	1116.6	822.4	651.2	542.3	473.2	421.5
-5°	8956.2	6507.1	4395.9	2717.6	1643.6	1091.3	807.3	643.3	536.6	468.9	420.2
-7.5°	8291.2	5977.5	3989.4	2488.6	1542.2	1045.0	783.1	629.3	529.7	465.0	418.0
-10°	7354.3	5284.5	3484.1	2185.6	1400.4	978.2	748.4	609.6	519.4	458.8	414.2
-12.5°	6313.7	4473.3	2881.5	1797.3	1217.6	894.0	705.1	584.9	505.7	450.4	408.8
-15°	5109.0	3604.9	2380.2	1554.9	1078.7	813.7	658.0	556.1	489.3	439.9	401.9
-17.5°	4018.1	2794.3	1815.2	1261.8	943.9	747.0	621.0	534.8	474.3	429.5	394.7
-20°	2935.6	2019.4	1447.5	1059.6	820.2	670.8	578.1	510.1	458.9	419.9	389.0

Classified

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

Scaled Data Report



REPORT NUMBER: P626915 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA2C-735-U-MR-XX

CANDELA DISTRIBUTION (continued):

	20°	22.5°	25°	27.5°	30°	32.5°	35°	37.5°	40°	42.5°	45°
-22.5°	2031.8	1518.3	1122.8	871.8	724.9	618.0	541.2	484.3	441.4	409.3	382.3
-25°	1458.8	1129.8	899.9	755.9	643.7	563.0	506.4	462.2	427.2	399.5	374.6
-27.5°	1067.5	872.6	759.0	654.8	577.4	522.7	477.0	439.9	411.4	388.1	366.9
-30°	826.2	730.6	648.5	578.9	528.7	484.9	449.8	421.3	396.7	375.4	356.0
-32.5°	678.3	624.0	566.2	525.0	486.1	454.0	426.7	402.5	381.6	362.4	344.9
-35°	583.9	546.9	510.8	480.3	452.1	427.3	404.1	384.7	366.3	348.8	333.6
-37.5°	517.2	490.7	467.8	444.1	423.1	402.1	383.9	367.3	350.5	336.3	322.7
-40°	467.8	448.9	432.9	414.7	397.1	379.4	365.2	350.5	337.2	323.9	311.8
-42.5°	430.3	417.3	403.6	388.9	374.1	361.1	348.1	335.9	323.7	312.0	301.5
-45°	400.5	389.7	377.6	366.8	355.3	344.0	332.4	321.2	310.1	300.4	291.4
-47.5°	374.9	366.3	356.9	347.5	337.8	327.6	316.8	306.0	297.2	288.6	279.1
-50°	353.0	345.8	337.9	329.6	321.2	311.8	301.9	291.8	283.8	275.4	266.2
-52.5°	332.7	327.0	320.4	313.3	305.4	296.7	287.6	278.1	269.8	261.6	252.5
-55°	314.0	309.5	303.4	296.8	289.7	281.5	273.0	263.9	255.4	247.5	236.7
-57.5°	295.7	291.6	285.6	279.5	273.4	265.2	256.7	248.6	239.7	230.2	219.7
-60°	274.3	271.6	265.2	258.9	252.7	246.0	237.9	229.8	221.7	211.9	200.6
-62.5°	247.5	244.6	239.7	234.6	229.4	223.9	216.8	209.2	201.5	192.5	180.1
-65°	218.3	215.2	211.8	208.6	204.7	199.9	193.6	186.6	178.2	168.5	158.1
-67.5°	191.6	189.1	186.5	183.5	179.7	175.1	168.9	161.6	154.0	146.1	137.9
-70°	167.5	165.5	163.0	159.6	155.4	150.5	144.7	138.4	131.8	124.8	117.7
-72.5°	143.0	141.1	138.5	134.8	130.6	126.1	121.3	115.9	110.0	103.5	97.7
-75°	117.6	116.0	113.8	110.6	107.1	103.3	99.0	94.3	89.6	84.8	80.2
-77.5°	92.9	91.2	89.1	86.4	83.5	80.4	77.0	73.6	70.2	66.6	62.8
-80°	69.0	67.6	66.2	64.2	61.9	59.3	56.6	54.0	51.2	48.7	46.2
-82.5°	47.0	46.6	45.9	44.2	42.5	40.7	39.0	37.4	35.8	34.1	32.3
-85°	26.4	26.4	26.2	25.4	24.6	23.7	22.7	21.7	20.6	19.4	18.2
-87.5°	9.4	9.2	9.1	8.9	8.7	8.4	8.2	7.9	7.7	7.4	7.1
-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: P626915 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA2C-735-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°	6.8	6.4	6.1	5.7	5.4	5.0	4.6	4.2	3.8	3.4	3.0
85°	17.0	15.7	14.3	12.9	11.5	10.0	9.2	8.4	7.6	6.8	6.0
82.5°	30.4	28.4	26.4	24.3	22.1	19.9	17.6	15.3	12.8	10.4	9.0
80°	43.7	41.1	38.4	35.6	32.8	29.7	26.7	23.5	20.1	16.7	13.5
77.5°	58.8	54.8	50.5	47.0	43.8	40.2	36.3	32.0	27.2	22.9	18.8
75°	75.4	70.5	65.4	60.4	55.6	50.7	46.3	41.2	35.2	29.2	24.0
72.5°	92.5	86.8	80.6	74.3	68.6	62.8	56.7	50.3	43.4	36.5	29.5
70°	110.6	103.5	96.7	89.5	82.2	74.8	67.8	60.0	51.6	43.8	35.9
67.5°	129.3	121.0	112.7	104.6	96.3	87.7	79.0	69.9	60.5	50.9	42.1
65°	148.5	138.6	128.5	119.5	110.2	100.6	90.9	79.8	69.2	58.7	48.3
62.5°	168.1	156.6	145.4	134.5	123.9	113.4	102.4	90.0	77.9	66.3	54.8
60°	187.8	174.6	162.0	149.7	137.7	125.9	113.5	99.9	86.6	73.8	61.3
57.5°	206.6	192.1	177.8	164.4	151.3	138.2	124.4	109.7	95.1	81.2	67.7
55°	224.9	210.1	193.3	178.1	164.1	150.2	134.9	119.3	103.4	88.4	73.9
52.5°	241.1	226.3	208.9	191.5	175.8	161.3	144.9	128.6	111.8	95.3	79.9
50°	255.7	240.7	223.3	204.9	187.1	171.0	154.5	137.3	120.0	102.1	85.8
47.5°	268.3	254.0	236.7	217.5	198.5	180.3	163.2	145.5	127.8	109.0	91.4
45°	279.8	266.7	249.6	229.9	209.1	189.8	171.4	153.2	134.8	115.8	96.8
42.5°	290.5	277.8	262.2	242.0	219.9	198.8	179.2	160.4	141.3	122.1	102.2
40°	300.1	287.5	273.9	253.4	230.1	207.3	186.9	167.1	147.4	128.0	107.4
37.5°	309.7	296.6	282.5	264.0	239.6	216.0	194.0	173.4	153.3	133.2	112.3
35°	319.5	305.5	290.1	272.3	248.8	224.0	200.6	179.4	158.8	138.1	116.9
32.5°	328.9	313.4	297.1	279.4	257.3	231.3	207.0	185.2	164.0	142.7	121.1
30°	338.1	320.0	303.2	286.6	264.8	238.4	213.3	190.6	168.8	147.0	125.0
27.5°	345.2	325.7	308.6	292.2	271.0	245.0	219.5	195.6	173.3	150.9	128.4
25°	351.5	331.2	313.3	296.6	277.1	251.8	225.0	200.1	177.3	154.4	131.5
22.5°	357.8	336.0	317.2	300.4	282.9	258.0	230.3	204.6	180.9	157.6	134.3
20°	363.3	339.8	320.4	303.9	286.8	262.7	235.3	208.7	184.1	160.5	136.8
17.5°	368.0	343.7	323.8	306.8	289.5	266.8	239.6	212.2	187.0	162.9	138.9
15°	372.7	347.8	326.7	309.0	291.8	270.1	243.3	215.2	189.3	165.0	140.9
12.5°	376.8	350.8	328.9	310.6	293.7	272.6	246.4	217.7	191.3	167.0	142.7
10°	380.0	352.7	330.4	311.6	295.2	274.5	248.8	219.9	193.6	168.7	144.3
7.5°	382.2	353.7	331.4	312.0	296.3	276.2	251.1	222.5	195.7	170.1	145.5
5°	383.7	354.2	331.9	312.9	296.9	277.7	252.8	224.4	197.3	171.1	146.3
2.5°	385.5	354.3	332.0	313.6	296.9	278.7	253.8	225.8	198.5	171.7	146.8
0°	386.1	353.7	331.3	313.9	296.4	279.0	254.1	226.7	199.3	171.9	147.0
-2.5°	385.5	354.3	332.0	313.6	296.9	278.7	253.8	225.8	198.5	171.7	146.8
-5°	383.7	354.2	331.9	312.9	296.9	277.7	252.8	224.4	197.3	171.1	146.3
-7.5°	382.2	353.7	331.4	312.0	296.3	276.2	251.1	222.5	195.7	170.1	145.5
-10°	380.0	352.7	330.4	311.6	295.2	274.5	248.8	219.9	193.6	168.7	144.3
-12.5°	376.8	350.8	328.9	310.6	293.7	272.6	246.4	217.7	191.3	167.0	142.7
-15°	372.7	347.8	326.7	309.0	291.8	270.1	243.3	215.2	189.3	165.0	140.9
-17.5°	368.0	343.7	323.8	306.8	289.5	266.8	239.6	212.2	187.0	162.9	138.9
-20°	363.3	339.8	320.4	303.9	286.8	262.7	235.3	208.7	184.1	160.5	136.8

Classified

Cooper Lighting Solutions Photometric Lab
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Scaled Data Report



REPORT NUMBER: P626915 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA2C-735-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°	357.8	336.0	317.2	300.4	282.9	258.0	230.3	204.6	180.9	157.6	134.3
-25°	351.5	331.2	313.3	296.6	277.1	251.8	225.0	200.1	177.3	154.4	131.5
-27.5°	345.2	325.7	308.6	292.2	271.0	245.0	219.5	195.6	173.3	150.9	128.4
-30°	338.1	320.0	303.2	286.6	264.8	238.4	213.3	190.6	168.8	147.0	125.0
-32.5°	328.9	313.4	297.1	279.4	257.3	231.3	207.0	185.2	164.0	142.7	121.1
-35°	319.5	305.5	290.1	272.3	248.8	224.0	200.6	179.4	158.8	138.1	116.9
-37.5°	309.7	296.6	282.5	264.0	239.6	216.0	194.0	173.4	153.3	133.2	112.3
-40°	300.1	287.5	273.9	253.4	230.1	207.3	186.9	167.1	147.4	128.0	107.4
-42.5°	290.5	277.8	262.2	242.0	219.9	198.8	179.2	160.4	141.3	122.1	102.2
-45°	279.8	266.7	249.6	229.9	209.1	189.8	171.4	153.2	134.8	115.8	96.8
-47.5°	268.3	254.0	236.7	217.5	198.5	180.3	163.2	145.5	127.8	109.0	91.4
-50°	255.7	240.7	223.3	204.9	187.1	171.0	154.5	137.3	120.0	102.1	85.8
-52.5°	241.1	226.3	208.9	191.5	175.8	161.3	144.9	128.6	111.8	95.3	79.9
-55°	224.9	210.1	193.3	178.1	164.1	150.2	134.9	119.3	103.4	88.4	73.9
-57.5°	206.6	192.1	177.8	164.4	151.3	138.2	124.4	109.7	95.1	81.2	67.7
-60°	187.8	174.6	162.0	149.7	137.7	125.9	113.5	99.9	86.6	73.8	61.3
-62.5°	168.1	156.6	145.4	134.5	123.9	113.4	102.4	90.0	77.9	66.3	54.8
-65°	148.5	138.6	128.5	119.5	110.2	100.6	90.9	79.8	69.2	58.7	48.3
-67.5°	129.3	121.0	112.7	104.6	96.3	87.7	79.0	69.9	60.5	50.9	42.1
-70°	110.6	103.5	96.7	89.5	82.2	74.8	67.8	60.0	51.6	43.8	35.9
-72.5°	92.5	86.8	80.6	74.3	68.6	62.8	56.7	50.3	43.4	36.5	29.5
-75°	75.4	70.5	65.4	60.4	55.6	50.7	46.3	41.2	35.2	29.2	24.0
-77.5°	58.8	54.8	50.5	47.0	43.8	40.2	36.3	32.0	27.2	22.9	18.8
-80°	43.7	41.1	38.4	35.6	32.8	29.7	26.7	23.5	20.1	16.7	13.5
-82.5°	30.4	28.4	26.4	24.3	22.1	19.9	17.6	15.3	12.8	10.4	9.0
-85°	17.0	15.7	14.3	12.9	11.5	10.0	9.2	8.4	7.6	6.8	6.0
-87.5°	6.8	6.4	6.1	5.7	5.4	5.0	4.6	4.2	3.8	3.4	3.0
-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: P626915 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA2C-735-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°	2.6	2.2	1.7	1.3	0.9	0.4	0.0
85°	5.2	4.3	3.5	2.6	1.7	0.9	0.0
82.5°	7.7	6.5	5.2	3.9	2.6	1.3	0.0
80°	10.5	8.6	6.9	5.2	3.5	1.7	0.0
77.5°	15.0	11.3	8.6	6.5	4.3	2.2	0.0
75°	19.3	15.0	10.5	7.7	5.2	2.6	0.0
72.5°	23.7	18.6	13.4	9.0	6.0	3.0	0.0
70°	28.1	22.1	16.3	10.4	6.8	3.4	0.0
67.5°	33.5	25.7	19.1	12.5	7.6	3.8	0.0
65°	38.9	29.6	21.9	14.6	8.4	4.2	0.0
62.5°	44.1	34.0	24.6	16.6	9.2	4.6	0.0
60°	49.2	38.3	27.3	18.6	10.0	5.0	0.0
57.5°	54.6	42.4	30.6	20.6	11.3	5.4	0.0
55°	59.9	46.5	33.8	22.5	12.5	5.7	0.0
52.5°	64.9	50.5	37.0	24.3	13.8	6.1	0.0
50°	69.8	54.5	40.0	26.1	15.0	6.4	0.0
47.5°	74.4	58.3	43.0	27.9	16.1	6.8	0.0
45°	79.1	62.0	45.8	30.0	17.2	7.1	0.0
42.5°	83.5	65.5	48.5	32.1	18.2	7.4	0.0
40°	87.7	68.7	51.1	34.0	19.2	7.7	0.0
37.5°	91.7	71.8	53.6	35.8	20.2	7.9	0.0
35°	95.5	74.9	55.9	37.4	21.1	8.2	0.0
32.5°	99.1	77.8	58.1	39.0	21.9	8.4	0.0
30°	102.5	80.6	60.1	40.4	22.7	8.7	0.0
27.5°	105.5	83.1	61.9	41.7	23.5	8.9	0.0
25°	108.3	85.4	63.6	42.8	24.1	9.1	0.0
22.5°	110.8	87.5	65.1	43.8	24.7	9.2	0.0
20°	113.0	89.3	66.6	44.7	25.3	9.4	0.0
17.5°	115.0	90.9	67.8	45.5	25.8	9.5	0.0
15°	116.8	92.2	69.0	46.1	26.2	9.7	0.0
12.5°	118.4	93.2	69.9	46.6	26.6	9.8	0.0
10°	119.7	94.0	70.7	47.0	26.9	9.8	0.0
7.5°	120.7	94.5	71.4	47.3	27.1	9.9	0.0
5°	121.5	94.8	71.8	47.4	27.3	10.0	0.0
2.5°	121.9	94.9	72.1	47.4	27.4	10.0	0.0
0°	122.1	94.7	72.2	47.3	27.4	10.0	0.0
-2.5°	121.9	94.9	72.1	47.4	27.4	10.0	0.0
-5°	121.5	94.8	71.8	47.4	27.3	10.0	0.0
-7.5°	120.7	94.5	71.4	47.3	27.1	9.9	0.0
-10°	119.7	94.0	70.7	47.0	26.9	9.8	0.0
-12.5°	118.4	93.2	69.9	46.6	26.6	9.8	0.0
-15°	116.8	92.2	69.0	46.1	26.2	9.7	0.0
-17.5°	115.0	90.9	67.8	45.5	25.8	9.5	0.0
-20°	113.0	89.3	66.6	44.7	25.3	9.4	0.0

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CATALOG NUMBER: GFLD-SA2C-735-U-MR-XX

CANDELA DISTRIBUTION (continued):

	75°	77.5°	80°	82.5°	85°	87.5°	90°
-22.5°	110.8	87.5	65.1	43.8	24.7	9.2	0.0
-25°	108.3	85.4	63.6	42.8	24.1	9.1	0.0
-27.5°	105.5	83.1	61.9	41.7	23.5	8.9	0.0
-30°	102.5	80.6	60.1	40.4	22.7	8.7	0.0
-32.5°	99.1	77.8	58.1	39.0	21.9	8.4	0.0
-35°	95.5	74.9	55.9	37.4	21.1	8.2	0.0
-37.5°	91.7	71.8	53.6	35.8	20.2	7.9	0.0
-40°	87.7	68.7	51.1	34.0	19.2	7.7	0.0
-42.5°	83.5	65.5	48.5	32.1	18.2	7.4	0.0
-45°	79.1	62.0	45.8	30.0	17.2	7.1	0.0
-47.5°	74.4	58.3	43.0	27.9	16.1	6.8	0.0
-50°	69.8	54.5	40.0	26.1	15.0	6.4	0.0
-52.5°	64.9	50.5	37.0	24.3	13.8	6.1	0.0
-55°	59.9	46.5	33.8	22.5	12.5	5.7	0.0
-57.5°	54.6	42.4	30.6	20.6	11.3	5.4	0.0
-60°	49.2	38.3	27.3	18.6	10.0	5.0	0.0
-62.5°	44.1	34.0	24.6	16.6	9.2	4.6	0.0
-65°	38.9	29.6	21.9	14.6	8.4	4.2	0.0
-67.5°	33.5	25.7	19.1	12.5	7.6	3.8	0.0
-70°	28.1	22.1	16.3	10.4	6.8	3.4	0.0
-72.5°	23.7	18.6	13.4	9.0	6.0	3.0	0.0
-75°	19.3	15.0	10.5	7.7	5.2	2.6	0.0
-77.5°	15.0	11.3	8.6	6.5	4.3	2.2	0.0
-80°	10.5	8.6	6.9	5.2	3.5	1.7	0.0
-82.5°	7.7	6.5	5.2	3.9	2.6	1.3	0.0
-85°	5.2	4.3	3.5	2.6	1.7	0.9	0.0
-87.5°	2.6	2.2	1.7	1.3	0.9	0.4	0.0
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0

(END OF REPORT)