

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: P626885 (CONVERTED FROM TYPE C PHOTOMETRY)

Luminaire Tested: **GFLD-SA2C-722-U-MR-XX**

Issue Date: 12/7/2022

Test Information

Test Method: LM-79-08
Report Number: P626885 (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-722-U-MR-XX
Description: GALLEON FLOOD, TWO LIGHT SQAURE, MEDIUM SYMMETRICAL ROUND N35
Light Source: (32) 2200K CCT, 70 CRI LEDS
Ballast/Driver: -

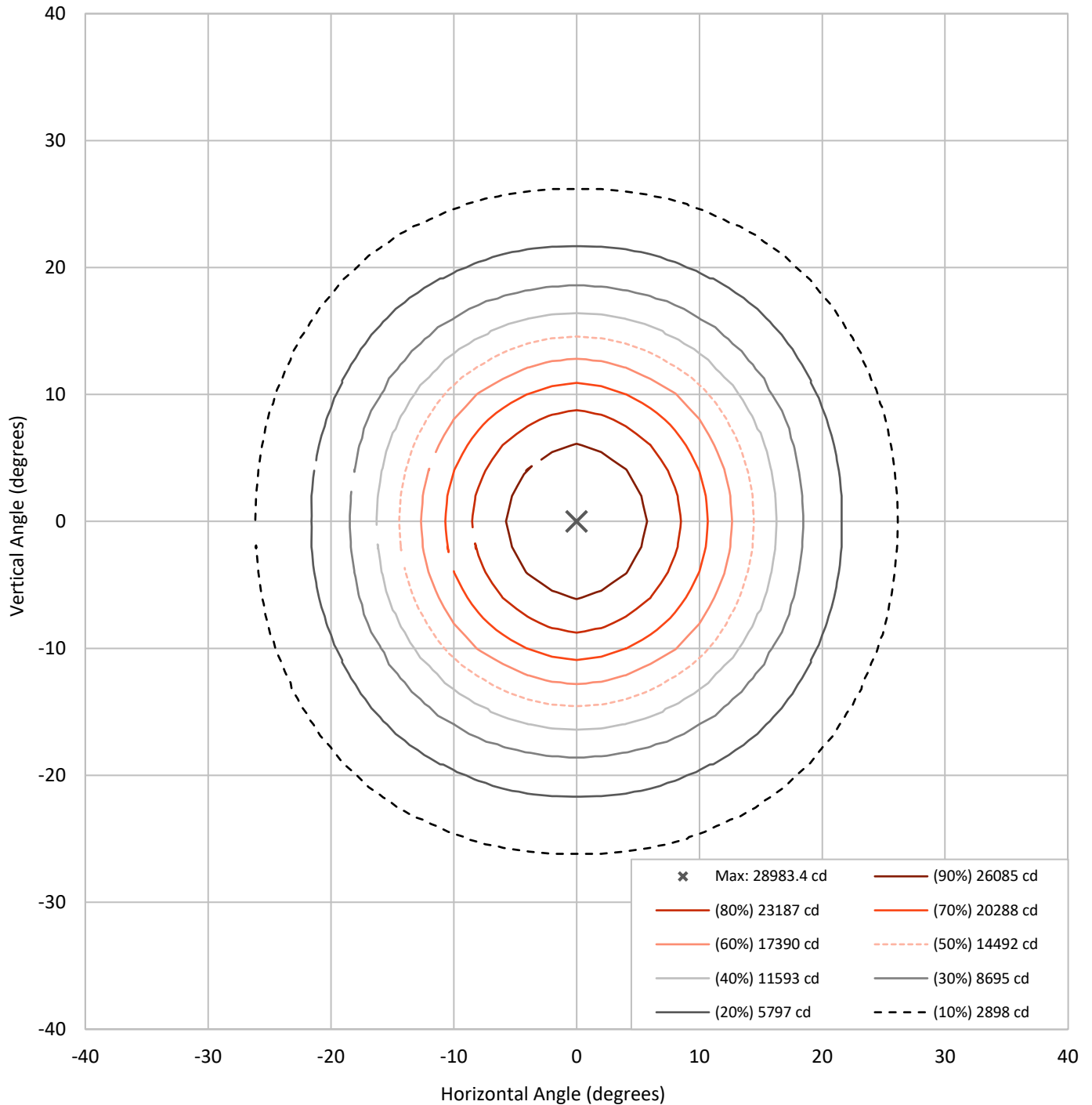
Summary

Lumens per Lamp:	N/A	NEMA Type:	4H x 4V
Luminaire Lumens:	9055.4 lumens	Max Intensity:	28983.4 candela
Efficiency:	N/A	Max Intensity Angle:	0°H x 0°V
Efficacy:	109.6 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:	4402.6 lumens	Field Lumens:	7429.8 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





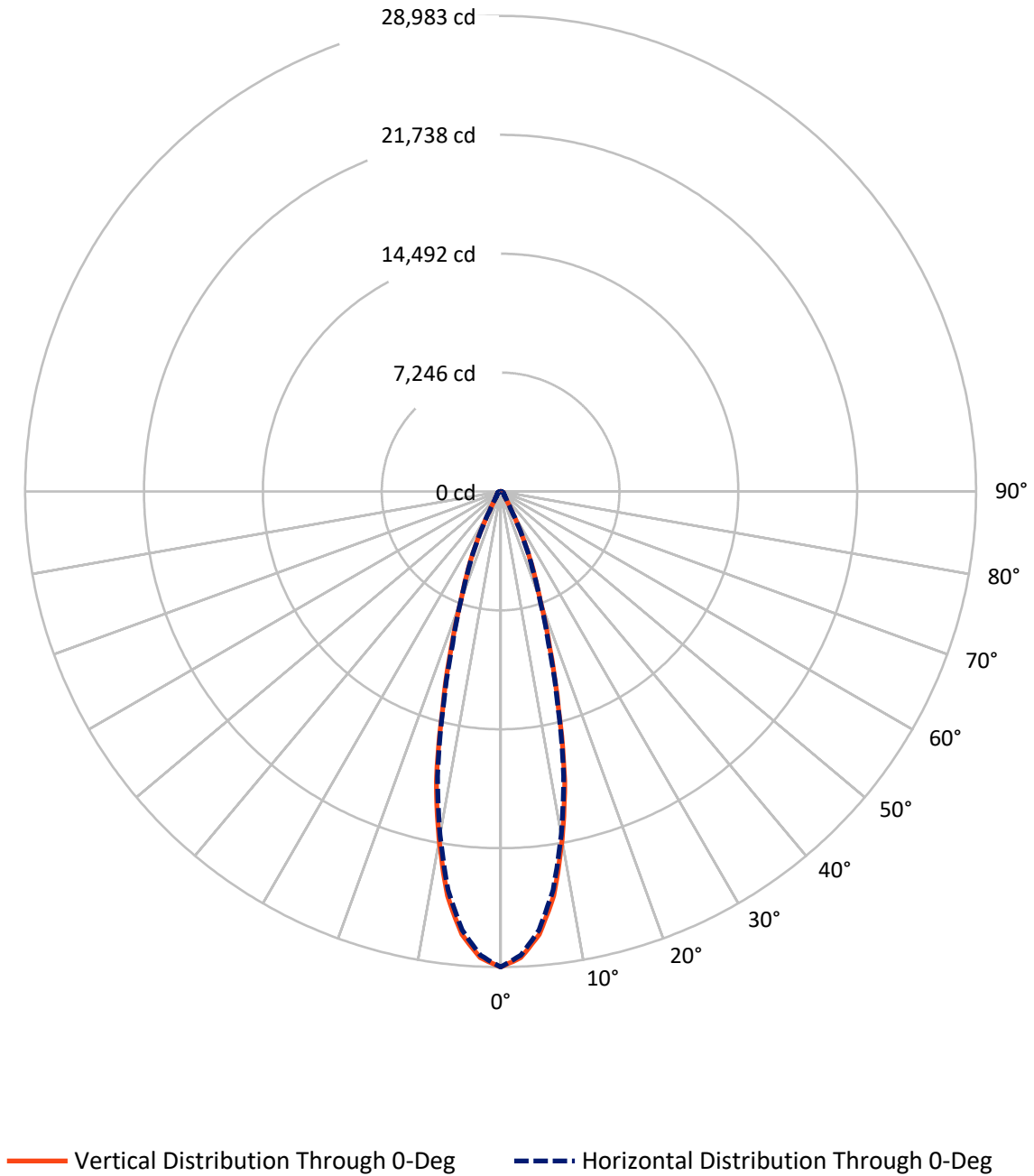
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Lumen Table

90	0.2	1.5		3.9		6.2		6.9		6.2		3.9		1.5		0.2			
80	0.2	1.5		3.9		6.2		6.9		6.2		3.9		1.5		0.2			
70	0.7	0.8	1.6	2.6	3.6	4.4	4.9	5.1	5.1	4.9	4.4	3.6	2.6	1.6	0.8	0.7			
60		1.2	2.3	3.8	5.1	6.2	7.0	7.2	7.2	7.0	6.2	5.1	3.8	2.3	1.2				
50	1.2	1.5	3.0	4.7	6.2	7.8	9.2	9.9	9.9	9.2	7.8	6.2	4.7	3.0	1.5	1.2			
40		1.7	3.5	5.4	7.6	10.8	15.7	20.4	20.4	15.7	10.8	7.6	5.4	3.5	1.7				
30	1.5	2.0	3.9	6.1	9.7	21.2	59.6	105.7	105.7	59.6	21.2	9.7	6.1	3.9	2.0	1.5			
20		2.1	4.0	6.6	13.3	55.6	198.1	379.6	379.6	198.1	55.6	13.3	6.6	4.0	2.1				
10	1.6	2.2	4.1	6.9	16.8	95.9	366.6	721.2	721.2	366.6	95.9	16.8	6.9	4.1	2.2	1.6			
0		2.2	4.1	6.9	16.8	95.9	366.6	721.2	721.2	366.6	95.9	16.8	6.9	4.1	2.2				
-10	1.5	2.1	4.0	6.6	13.3	55.6	198.1	379.6	379.6	198.1	55.6	13.3	6.6	4.0	2.1	1.5			
-20		2.0	3.9	6.1	9.7	21.2	59.6	105.7	105.7	59.6	21.2	9.7	6.1	3.9	2.0				
-30	1.2	1.7	3.5	5.4	7.6	10.8	15.7	20.4	20.4	15.7	10.8	7.6	5.4	3.5	1.7	1.2			
-40		1.5	3.0	4.7	6.2	7.8	9.2	9.9	9.9	9.2	7.8	6.2	4.7	3.0	1.5				
-50	0.7	1.2	2.3	3.8	5.1	6.2	7.0	7.2	7.2	7.0	6.2	5.1	3.8	2.3	1.2	0.7			
-60		0.8	1.6	2.6	3.6	4.4	4.9	5.1	5.1	4.9	4.4	3.6	2.6	1.6	0.8				
-70	0.2	1.5		3.9		6.2		6.9		6.2		3.9		1.5		0.2			
-80		1.5		3.9		6.2		6.9		6.2		3.9		1.5					
-90	0.2	1.5		3.9		6.2		6.9		6.2		3.9		1.5		0.2			
	-90	-80	-70	-60	-50	-40	-30	-20	-10	0	10	20	30	40	50	60	70	80	90

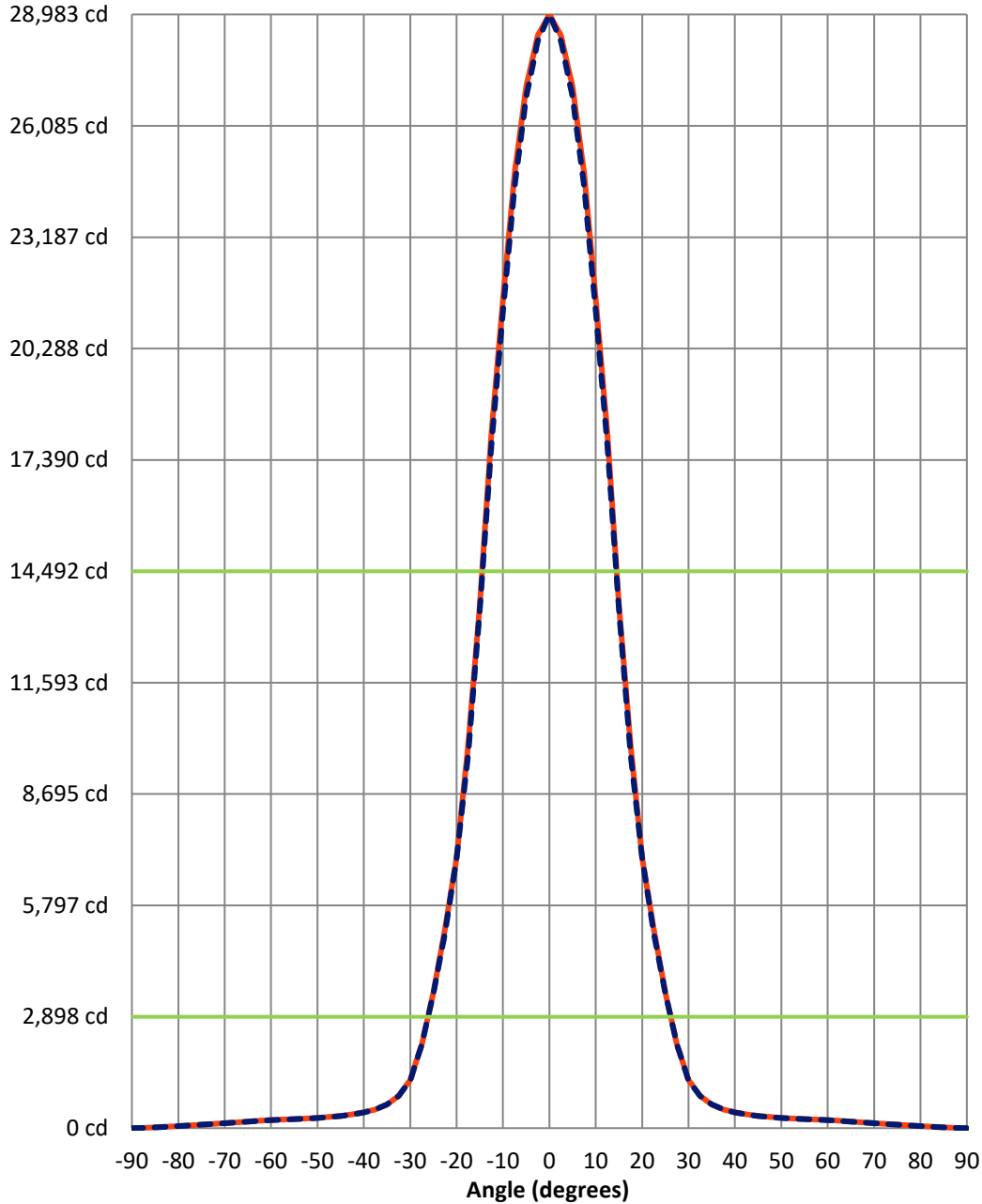
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Luminous Intensity Polar Plot



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Luminous Intensity Plot



Beam:
 H Angle: 28.8°
 V Angle: 29°
 Lumens: 4402.6
 Efficiency: 48.6%

Field:
 H Angle: 52.3°
 V Angle: 52.3°
 Lumens: 7429.8
 Efficiency: 82.0%

Spill:
 Lumens: 1625.6
 Efficiency: 18.0%

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

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FIELD
BEAM

CANDELA DISTRIBUTION:

	-90°	-87.5°	-85°	-82.5°	-80°	-77.5°	-75°	-72.5°	-70°	-67.5°	-65°
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
87.5°	0.0	0.3	0.6	1.0	1.3	1.6	1.9	2.2	2.5	2.8	3.1
85°	0.0	0.6	1.3	1.9	2.6	3.2	3.8	4.4	5.1	5.7	6.2
82.5°	0.0	1.0	1.9	2.9	3.8	4.8	5.7	6.7	7.7	9.5	11.3
80°	0.0	1.3	2.6	3.8	5.1	6.4	7.8	10.1	12.4	14.9	17.5
77.5°	0.0	1.6	3.2	4.8	6.4	8.4	11.1	14.0	17.1	20.3	23.9
75°	0.0	1.9	3.8	5.7	7.8	11.1	14.4	18.0	21.8	26.3	30.8
72.5°	0.0	2.2	4.4	6.7	10.0	13.9	17.7	22.1	27.3	32.5	37.6
70°	0.0	2.5	5.1	7.7	12.1	16.5	21.0	26.8	32.7	38.5	44.9
67.5°	0.0	2.8	5.7	9.3	14.3	19.2	25.1	31.5	38.0	45.2	52.2
65°	0.0	3.1	6.2	10.9	16.4	22.2	29.0	36.1	43.9	51.7	59.6
62.5°	0.0	3.4	6.8	12.4	18.4	25.4	33.0	40.9	49.6	58.2	67.2
60°	0.0	3.7	7.4	13.9	20.4	28.6	36.8	45.8	55.1	64.7	74.6
57.5°	0.0	4.0	8.4	15.4	22.9	31.7	40.8	50.6	60.7	71.1	81.9
55°	0.0	4.2	9.3	16.8	25.3	34.7	44.7	55.2	66.0	77.3	89.1
52.5°	0.0	4.5	10.2	18.2	27.6	37.7	48.5	59.7	71.2	83.5	96.1
50°	0.0	4.8	11.1	19.5	29.9	40.7	52.1	64.1	76.3	89.6	102.6
47.5°	0.0	5.0	12.0	20.9	32.1	43.6	55.6	68.3	81.5	95.5	108.7
45°	0.0	5.2	12.8	22.5	34.2	46.3	59.1	72.3	86.5	100.7	114.5
42.5°	0.0	5.5	13.6	24.0	36.2	48.9	62.4	76.3	91.3	105.5	119.8
40°	0.0	5.7	14.4	25.4	38.2	51.4	65.5	80.2	95.6	110.1	124.8
37.5°	0.0	5.9	15.1	26.7	40.0	53.7	68.5	83.9	99.5	114.5	129.5
35°	0.0	6.1	15.8	28.0	41.8	56.0	71.3	87.3	103.2	118.6	134.0
32.5°	0.0	6.2	16.4	29.1	43.4	58.2	74.0	90.5	106.6	122.5	138.3
30°	0.0	6.4	17.0	30.2	44.9	60.2	76.5	93.4	109.8	126.1	142.3
27.5°	0.0	6.6	17.5	31.1	46.3	62.1	78.8	95.9	112.7	129.4	146.0
25°	0.0	6.7	18.0	32.0	47.5	63.8	80.9	98.2	115.3	132.4	149.4
22.5°	0.0	6.8	18.5	32.7	48.7	65.4	82.8	100.3	117.7	135.1	152.8
20°	0.0	7.0	18.9	33.4	49.8	66.7	84.4	102.1	119.9	137.5	155.9
17.5°	0.0	7.1	19.3	34.0	50.7	67.9	85.9	103.7	121.7	139.6	158.5
15°	0.0	7.1	19.6	34.4	51.6	68.8	87.2	105.2	123.3	141.4	160.7
12.5°	0.0	7.2	19.9	34.8	52.3	69.6	88.4	106.6	124.7	142.9	162.5
10°	0.0	7.3	20.1	35.1	52.9	70.2	89.4	107.8	126.0	144.6	164.2
7.5°	0.0	7.3	20.3	35.3	53.4	70.6	90.2	108.7	127.1	146.1	166.1
5°	0.0	7.4	20.4	35.4	53.7	70.8	90.7	109.3	127.8	147.3	167.6
2.5°	0.0	7.4	20.5	35.4	53.9	70.8	91.1	109.7	128.3	148.2	168.6
0°	0.0	7.4	20.5	35.3	54.0	70.7	91.2	109.8	128.4	148.8	169.3
-2.5°	0.0	7.4	20.5	35.4	53.9	70.8	91.1	109.7	128.3	148.2	168.6
-5°	0.0	7.4	20.4	35.4	53.7	70.8	90.7	109.3	127.8	147.3	167.6
-7.5°	0.0	7.3	20.3	35.3	53.4	70.6	90.2	108.7	127.1	146.1	166.1
-10°	0.0	7.3	20.1	35.1	52.9	70.2	89.4	107.8	126.0	144.6	164.2
-12.5°	0.0	7.2	19.9	34.8	52.3	69.6	88.4	106.6	124.7	142.9	162.5
-15°	0.0	7.1	19.6	34.4	51.6	68.8	87.2	105.2	123.3	141.4	160.7
-17.5°	0.0	7.1	19.3	34.0	50.7	67.9	85.9	103.7	121.7	139.6	158.5
-20°	0.0	7.0	18.9	33.4	49.8	66.7	84.4	102.1	119.9	137.5	155.9

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CANDELA DISTRIBUTION (continued):

	-90°	-87.5°	-85°	-82.5°	-80°	-77.5°	-75°	-72.5°	-70°	-67.5°	-65°
-22.5°	0.0	6.8	18.5	32.7	48.7	65.4	82.8	100.3	117.7	135.1	152.8
-25°	0.0	6.7	18.0	32.0	47.5	63.8	80.9	98.2	115.3	132.4	149.4
-27.5°	0.0	6.6	17.5	31.1	46.3	62.1	78.8	95.9	112.7	129.4	146.0
-30°	0.0	6.4	17.0	30.2	44.9	60.2	76.5	93.4	109.8	126.1	142.3
-32.5°	0.0	6.2	16.4	29.1	43.4	58.2	74.0	90.5	106.6	122.5	138.3
-35°	0.0	6.1	15.8	28.0	41.8	56.0	71.3	87.3	103.2	118.6	134.0
-37.5°	0.0	5.9	15.1	26.7	40.0	53.7	68.5	83.9	99.5	114.5	129.5
-40°	0.0	5.7	14.4	25.4	38.2	51.4	65.5	80.2	95.6	110.1	124.8
-42.5°	0.0	5.5	13.6	24.0	36.2	48.9	62.4	76.3	91.3	105.5	119.8
-45°	0.0	5.2	12.8	22.5	34.2	46.3	59.1	72.3	86.5	100.7	114.5
-47.5°	0.0	5.0	12.0	20.9	32.1	43.6	55.6	68.3	81.5	95.5	108.7
-50°	0.0	4.8	11.1	19.5	29.9	40.7	52.1	64.1	76.3	89.6	102.6
-52.5°	0.0	4.5	10.2	18.2	27.6	37.7	48.5	59.7	71.2	83.5	96.1
-55°	0.0	4.2	9.3	16.8	25.3	34.7	44.7	55.2	66.0	77.3	89.1
-57.5°	0.0	4.0	8.4	15.4	22.9	31.7	40.8	50.6	60.7	71.1	81.9
-60°	0.0	3.7	7.4	13.9	20.4	28.6	36.8	45.8	55.1	64.7	74.6
-62.5°	0.0	3.4	6.8	12.4	18.4	25.4	33.0	40.9	49.6	58.2	67.2
-65°	0.0	3.1	6.2	10.9	16.4	22.2	29.0	36.1	43.9	51.7	59.6
-67.5°	0.0	2.8	5.7	9.3	14.3	19.2	25.1	31.5	38.0	45.2	52.2
-70°	0.0	2.5	5.1	7.7	12.1	16.5	21.0	26.8	32.7	38.5	44.9
-72.5°	0.0	2.2	4.4	6.7	10.0	13.9	17.7	22.1	27.3	32.5	37.6
-75°	0.0	1.9	3.8	5.7	7.8	11.1	14.4	18.0	21.8	26.3	30.8
-77.5°	0.0	1.6	3.2	4.8	6.4	8.4	11.1	14.0	17.1	20.3	23.9
-80°	0.0	1.3	2.6	3.8	5.1	6.4	7.8	10.1	12.4	14.9	17.5
-82.5°	0.0	1.0	1.9	2.9	3.8	4.8	5.7	6.7	7.7	9.5	11.3
-85°	0.0	0.6	1.3	1.9	2.6	3.2	3.8	4.4	5.1	5.7	6.2
-87.5°	0.0	0.3	0.6	1.0	1.3	1.6	1.9	2.2	2.5	2.8	3.1
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



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CANDELA DISTRIBUTION (continued):

	-62.5°	-60°	-57.5°	-55°	-52.5°	-50°	-47.5°	-45°	-42.5°	-40°	-37.5°
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
87.5°	3.4	3.7	4.0	4.2	4.5	4.8	5.0	5.2	5.5	5.7	5.9
85°	6.8	7.4	8.5	9.6	10.6	11.6	12.6	13.6	14.5	15.3	16.1
82.5°	13.1	14.8	16.5	18.1	19.7	21.2	22.7	24.1	25.4	26.7	27.9
80°	19.9	22.2	24.5	26.6	28.7	30.7	32.7	34.5	36.3	38.3	40.3
77.5°	27.1	30.0	32.7	35.1	37.7	40.9	44.0	46.9	49.7	52.4	55.0
75°	34.6	37.9	41.5	45.1	48.8	52.6	56.3	59.9	63.4	66.9	70.5
72.5°	42.4	46.9	51.3	55.5	60.2	64.9	69.1	73.0	77.3	82.2	86.6
70°	50.7	55.9	61.4	66.9	72.2	77.4	82.6	87.9	93.2	98.4	103.4
67.5°	59.0	65.5	71.9	78.1	84.2	90.3	96.6	103.0	109.1	115.0	120.8
65°	67.9	75.2	82.3	89.3	96.0	103.5	110.9	118.1	125.9	133.1	139.4
62.5°	76.5	84.7	92.6	100.4	108.6	117.0	125.5	134.5	143.8	150.5	156.2
60°	84.8	94.0	102.8	111.9	121.0	130.4	140.2	149.8	158.3	165.6	171.6
57.5°	92.9	103.2	113.0	122.8	132.8	143.5	154.3	164.1	172.0	179.0	185.7
55°	100.8	112.2	122.6	133.0	144.4	156.9	168.0	176.8	184.9	190.7	197.1
52.5°	108.3	120.5	131.4	143.0	156.0	169.0	180.0	188.6	195.4	201.5	207.6
50°	115.4	127.7	139.8	153.0	166.8	179.8	190.9	198.8	205.7	211.9	217.9
47.5°	121.9	134.7	148.3	162.5	176.8	189.7	200.4	208.5	215.5	221.9	228.5
45°	128.0	141.7	156.2	171.7	186.5	199.2	209.0	217.6	224.4	231.6	239.9
42.5°	133.8	148.5	164.2	180.8	195.8	207.5	217.0	225.2	233.0	241.8	250.9
40°	139.6	154.8	171.9	189.3	204.6	214.7	224.2	232.9	241.9	251.8	261.8
37.5°	144.9	161.4	179.0	197.2	211.0	221.5	231.3	241.1	251.2	261.8	274.3
35°	149.8	167.3	185.8	203.4	216.7	228.2	238.6	249.2	260.5	273.6	287.3
32.5°	154.6	172.8	192.2	208.6	221.9	234.1	245.6	257.6	270.6	285.0	300.6
30°	159.3	178.1	197.7	214.0	226.5	239.0	252.5	265.9	280.3	296.2	314.6
27.5°	163.9	183.0	202.4	218.2	230.5	243.2	257.8	274.0	289.8	307.2	328.6
25°	168.1	188.1	206.9	221.5	234.0	247.3	262.5	279.8	298.3	319.1	345.2
22.5°	172.0	192.7	211.3	224.4	236.9	250.9	267.3	285.5	305.6	329.7	361.6
20°	175.7	196.2	214.2	227.0	239.3	253.8	271.3	290.5	313.6	342.7	380.9
17.5°	179.0	199.2	216.2	229.1	241.8	256.7	274.8	294.7	320.7	354.2	399.4
15°	181.7	201.7	217.9	230.8	243.9	259.7	278.4	300.1	328.6	365.4	415.4
12.5°	184.0	203.6	219.4	231.9	245.6	262.0	281.4	305.3	336.4	377.7	436.9
10°	185.8	205.0	220.5	232.7	246.8	263.4	283.8	309.4	342.7	388.0	455.3
7.5°	187.6	206.3	221.3	233.0	247.5	264.2	285.5	312.2	347.3	395.7	470.0
5°	188.8	207.5	221.8	233.7	247.9	264.5	286.6	313.9	350.2	400.7	480.4
2.5°	189.6	208.2	221.8	234.2	247.9	264.6	287.9	314.8	353.4	405.0	486.3
0°	189.8	208.4	221.4	234.4	247.4	264.2	288.4	314.4	355.3	407.4	487.4
-2.5°	189.6	208.2	221.8	234.2	247.9	264.6	287.9	314.8	353.4	405.0	486.3
-5°	188.8	207.5	221.8	233.7	247.9	264.5	286.6	313.9	350.2	400.7	480.4
-7.5°	187.6	206.3	221.3	233.0	247.5	264.2	285.5	312.2	347.3	395.7	470.0
-10°	185.8	205.0	220.5	232.7	246.8	263.4	283.8	309.4	342.7	388.0	455.3
-12.5°	184.0	203.6	219.4	231.9	245.6	262.0	281.4	305.3	336.4	377.7	436.9
-15°	181.7	201.7	217.9	230.8	243.9	259.7	278.4	300.1	328.6	365.4	415.4
-17.5°	179.0	199.2	216.2	229.1	241.8	256.7	274.8	294.7	320.7	354.2	399.4
-20°	175.7	196.2	214.2	227.0	239.3	253.8	271.3	290.5	313.6	342.7	380.9

Classified

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

Scaled Data Report



REPORT NUMBER: P626885 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA2C-722-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°	172.0	192.7	211.3	224.4	236.9	250.9	267.3	285.5	305.6	329.7	361.6
-25°	168.1	188.1	206.9	221.5	234.0	247.3	262.5	279.8	298.3	319.1	345.2
-27.5°	163.9	183.0	202.4	218.2	230.5	243.2	257.8	274.0	289.8	307.2	328.6
-30°	159.3	178.1	197.7	214.0	226.5	239.0	252.5	265.9	280.3	296.2	314.6
-32.5°	154.6	172.8	192.2	208.6	221.9	234.1	245.6	257.6	270.6	285.0	300.6
-35°	149.8	167.3	185.8	203.4	216.7	228.2	238.6	249.2	260.5	273.6	287.3
-37.5°	144.9	161.4	179.0	197.2	211.0	221.5	231.3	241.1	251.2	261.8	274.3
-40°	139.6	154.8	171.9	189.3	204.6	214.7	224.2	232.9	241.9	251.8	261.8
-42.5°	133.8	148.5	164.2	180.8	195.8	207.5	217.0	225.2	233.0	241.8	250.9
-45°	128.0	141.7	156.2	171.7	186.5	199.2	209.0	217.6	224.4	231.6	239.9
-47.5°	121.9	134.7	148.3	162.5	176.8	189.7	200.4	208.5	215.5	221.9	228.5
-50°	115.4	127.7	139.8	153.0	166.8	179.8	190.9	198.8	205.7	211.9	217.9
-52.5°	108.3	120.5	131.4	143.0	156.0	169.0	180.0	188.6	195.4	201.5	207.6
-55°	100.8	112.2	122.6	133.0	144.4	156.9	168.0	176.8	184.9	190.7	197.1
-57.5°	92.9	103.2	113.0	122.8	132.8	143.5	154.3	164.1	172.0	179.0	185.7
-60°	84.8	94.0	102.8	111.9	121.0	130.4	140.2	149.8	158.3	165.6	171.6
-62.5°	76.5	84.7	92.6	100.4	108.6	117.0	125.5	134.5	143.8	150.5	156.2
-65°	67.9	75.2	82.3	89.3	96.0	103.5	110.9	118.1	125.9	133.1	139.4
-67.5°	59.0	65.5	71.9	78.1	84.2	90.3	96.6	103.0	109.1	115.0	120.8
-70°	50.7	55.9	61.4	66.9	72.2	77.4	82.6	87.9	93.2	98.4	103.4
-72.5°	42.4	46.9	51.3	55.5	60.2	64.9	69.1	73.0	77.3	82.2	86.6
-75°	34.6	37.9	41.5	45.1	48.8	52.6	56.3	59.9	63.4	66.9	70.5
-77.5°	27.1	30.0	32.7	35.1	37.7	40.9	44.0	46.9	49.7	52.4	55.0
-80°	19.9	22.2	24.5	26.6	28.7	30.7	32.7	34.5	36.3	38.3	40.3
-82.5°	13.1	14.8	16.5	18.1	19.7	21.2	22.7	24.1	25.4	26.7	27.9
-85°	6.8	7.4	8.5	9.6	10.6	11.6	12.6	13.6	14.5	15.3	16.1
-87.5°	3.4	3.7	4.0	4.2	4.5	4.8	5.0	5.2	5.5	5.7	5.9
-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: P626885 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA2C-722-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°	6.1	6.2	6.4	6.6	6.7	6.8	7.0	7.1	7.1	7.2	7.3
85°	16.9	17.6	18.3	18.9	19.5	19.7	19.7	19.7	19.6	19.9	20.1
82.5°	29.1	30.4	31.7	33.0	34.3	34.8	35.1	35.4	35.5	36.0	36.4
80°	42.2	44.3	46.2	47.9	49.5	50.5	51.5	52.4	53.2	53.6	53.8
77.5°	57.5	60.0	62.4	64.6	66.6	68.2	69.4	70.5	71.2	71.8	72.1
75°	74.0	77.2	80.0	82.6	85.0	86.7	87.8	88.7	89.3	89.9	90.4
72.5°	90.6	94.2	97.5	100.7	103.4	105.4	106.8	107.9	108.7	109.3	109.7
70°	108.1	112.4	116.1	119.2	121.7	123.6	125.1	126.3	127.2	127.8	128.1
67.5°	126.2	130.8	134.3	137.0	139.2	141.2	143.0	144.4	145.3	146.2	147.1
65°	144.6	149.3	152.8	155.8	158.1	160.7	163.0	164.8	165.9	167.0	168.0
62.5°	161.9	167.2	171.4	175.2	179.1	182.8	184.9	186.5	187.6	188.7	189.9
60°	177.7	183.7	188.7	193.4	198.1	202.9	204.8	206.3	207.8	209.2	210.4
57.5°	191.7	198.1	204.2	208.8	213.3	217.7	220.8	222.5	223.6	224.2	224.7
55°	203.9	210.2	216.3	221.6	226.5	231.1	234.5	236.1	237.4	238.1	238.6
52.5°	214.7	221.6	228.1	234.0	239.3	244.2	248.5	250.7	252.6	253.9	254.3
50°	225.4	232.9	239.9	246.1	252.3	258.2	263.6	266.8	269.0	270.4	270.8
47.5°	236.6	244.7	252.3	259.6	266.6	273.6	280.0	284.3	287.5	289.8	291.5
45°	248.3	256.9	265.3	273.9	282.0	291.0	299.2	305.4	310.0	314.0	317.2
42.5°	260.0	269.7	279.4	290.5	301.5	311.7	321.4	329.7	337.2	344.6	350.4
40°	272.7	283.3	296.6	309.7	323.3	335.2	349.4	362.0	373.6	386.2	396.6
37.5°	286.7	300.3	316.0	331.7	349.4	366.5	386.3	405.7	422.6	444.6	462.3
35°	301.8	319.1	337.6	358.7	381.5	408.4	436.0	468.5	496.0	530.9	563.2
32.5°	318.7	339.1	363.1	392.1	422.8	466.0	506.5	561.5	608.5	669.1	735.3
30°	335.9	362.2	394.8	432.3	484.3	545.6	617.1	710.0	810.5	914.5	1054.6
27.5°	356.2	390.4	431.2	489.0	566.8	651.7	797.2	954.4	1173.3	1346.7	1655.4
25°	378.2	420.5	480.7	564.5	672.0	843.7	1089.4	1373.9	1812.1	2201.8	2649.6
22.5°	404.2	461.5	541.3	651.1	838.5	1133.9	1517.4	2101.7	2751.2	3392.2	3978.2
20°	431.7	501.0	612.5	791.3	1081.0	1508.1	2192.4	3027.3	3889.5	4768.0	5508.4
17.5°	463.8	557.9	704.9	942.3	1355.6	2086.9	3000.8	4062.4	5188.8	6309.9	7283.6
15°	491.4	607.6	805.6	1161.2	1777.6	2692.2	3815.5	5156.2	6572.8	8027.6	9604.5
12.5°	526.6	667.6	909.4	1342.3	2151.9	3340.7	4715.2	6271.8	8001.6	9933.3	12391.5
10°	558.9	730.5	1045.8	1632.2	2602.0	3946.6	5492.3	7258.3	9502.1	12404.9	15370.1
7.5°	584.8	780.4	1151.7	1858.5	2979.4	4464.1	6192.0	8309.4	11108.7	14565.3	17953.2
5°	602.9	815.0	1227.5	2029.5	3283.0	4859.6	6688.6	9084.3	12463.0	16333.7	19793.0
2.5°	614.2	833.9	1264.5	2131.0	3481.0	5097.6	6998.4	9576.7	13293.0	17459.5	20961.8
0°	619.5	837.2	1240.9	2180.4	3508.7	5080.8	7026.8	9741.1	13489.9	17765.1	21253.4
-2.5°	614.2	833.9	1264.5	2131.0	3481.0	5097.6	6998.4	9576.7	13293.0	17459.5	20961.8
-5°	602.9	815.0	1227.5	2029.5	3283.0	4859.6	6688.6	9084.3	12463.0	16333.7	19793.0
-7.5°	584.8	780.4	1151.7	1858.5	2979.4	4464.1	6192.0	8309.4	11108.7	14565.3	17953.2
-10°	558.9	730.5	1045.8	1632.2	2602.0	3946.6	5492.3	7258.3	9502.1	12404.9	15370.1
-12.5°	526.6	667.6	909.4	1342.3	2151.9	3340.7	4715.2	6271.8	8001.6	9933.3	12391.5
-15°	491.4	607.6	805.6	1161.2	1777.6	2692.2	3815.5	5156.2	6572.8	8027.6	9604.5
-17.5°	463.8	557.9	704.9	942.3	1355.6	2086.9	3000.8	4062.4	5188.8	6309.9	7283.6
-20°	431.7	501.0	612.5	791.3	1081.0	1508.1	2192.4	3027.3	3889.5	4768.0	5508.4

Classified

Cooper Lighting Solutions Photometric Lab
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Scaled Data Report



REPORT NUMBER: P626885 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA2C-722-U-MR-XX

CANDELA DISTRIBUTION (continued):

	-35°	-32.5°	-30°	-27.5°	-25°	-22.5°	-20°	-17.5°	-15°	-12.5°	-10°
-22.5°	404.2	461.5	541.3	651.1	838.5	1133.9	1517.4	2101.7	2751.2	3392.2	3978.2
-25°	378.2	420.5	480.7	564.5	672.0	843.7	1089.4	1373.9	1812.1	2201.8	2649.6
-27.5°	356.2	390.4	431.2	489.0	566.8	651.7	797.2	954.4	1173.3	1346.7	1655.4
-30°	335.9	362.2	394.8	432.3	484.3	545.6	617.1	710.0	810.5	914.5	1054.6
-32.5°	318.7	339.1	363.1	392.1	422.8	466.0	506.5	561.5	608.5	669.1	735.3
-35°	301.8	319.1	337.6	358.7	381.5	408.4	436.0	468.5	496.0	530.9	563.2
-37.5°	286.7	300.3	316.0	331.7	349.4	366.5	386.3	405.7	422.6	444.6	462.3
-40°	272.7	283.3	296.6	309.7	323.3	335.2	349.4	362.0	373.6	386.2	396.6
-42.5°	260.0	269.7	279.4	290.5	301.5	311.7	321.4	329.7	337.2	344.6	350.4
-45°	248.3	256.9	265.3	273.9	282.0	291.0	299.2	305.4	310.0	314.0	317.2
-47.5°	236.6	244.7	252.3	259.6	266.6	273.6	280.0	284.3	287.5	289.8	291.5
-50°	225.4	232.9	239.9	246.1	252.3	258.2	263.6	266.8	269.0	270.4	270.8
-52.5°	214.7	221.6	228.1	234.0	239.3	244.2	248.5	250.7	252.6	253.9	254.3
-55°	203.9	210.2	216.3	221.6	226.5	231.1	234.5	236.1	237.4	238.1	238.6
-57.5°	191.7	198.1	204.2	208.8	213.3	217.7	220.8	222.5	223.6	224.2	224.7
-60°	177.7	183.7	188.7	193.4	198.1	202.9	204.8	206.3	207.8	209.2	210.4
-62.5°	161.9	167.2	171.4	175.2	179.1	182.8	184.9	186.5	187.6	188.7	189.9
-65°	144.6	149.3	152.8	155.8	158.1	160.7	163.0	164.8	165.9	167.0	168.0
-67.5°	126.2	130.8	134.3	137.0	139.2	141.2	143.0	144.4	145.3	146.2	147.1
-70°	108.1	112.4	116.1	119.2	121.7	123.6	125.1	126.3	127.2	127.8	128.1
-72.5°	90.6	94.2	97.5	100.7	103.4	105.4	106.8	107.9	108.7	109.3	109.7
-75°	74.0	77.2	80.0	82.6	85.0	86.7	87.8	88.7	89.3	89.9	90.4
-77.5°	57.5	60.0	62.4	64.6	66.6	68.2	69.4	70.5	71.2	71.8	72.1
-80°	42.2	44.3	46.2	47.9	49.5	50.5	51.5	52.4	53.2	53.6	53.8
-82.5°	29.1	30.4	31.7	33.0	34.3	34.8	35.1	35.4	35.5	36.0	36.4
-85°	16.9	17.6	18.3	18.9	19.5	19.7	19.7	19.7	19.6	19.9	20.1
-87.5°	6.1	6.2	6.4	6.6	6.7	6.8	7.0	7.1	7.1	7.2	7.3
-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: P626885 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA2C-722-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°	7.3	7.4	7.4	7.4	7.4	7.4	7.3	7.3	7.2	7.1	7.1
85°	20.3	20.4	20.5	20.5	20.5	20.4	20.3	20.1	19.9	19.6	19.7
82.5°	36.8	37.0	37.2	37.2	37.2	37.0	36.8	36.4	36.0	35.5	35.4
80°	53.9	53.8	53.9	54.0	53.9	53.8	53.9	53.8	53.6	53.2	52.4
77.5°	72.3	72.3	72.5	72.6	72.5	72.3	72.3	72.1	71.8	71.2	70.5
75°	90.7	90.8	91.1	91.2	91.1	90.8	90.7	90.4	89.9	89.3	88.7
72.5°	109.7	109.4	109.7	109.8	109.7	109.4	109.7	109.7	109.3	108.7	107.9
70°	128.2	127.9	129.1	130.2	129.1	127.9	128.2	128.1	127.8	127.2	126.3
67.5°	147.8	148.1	149.5	150.7	149.5	148.1	147.8	147.1	146.2	145.3	144.4
65°	168.6	168.7	169.9	171.2	169.9	168.7	168.6	168.0	167.0	165.9	164.8
62.5°	190.6	190.8	192.2	193.5	192.2	190.8	190.6	189.9	188.7	187.6	186.5
60°	211.1	211.4	211.9	212.1	211.9	211.4	211.1	210.4	209.2	207.8	206.3
57.5°	224.9	224.7	224.9	225.1	224.9	224.7	224.9	224.7	224.2	223.6	222.5
55°	238.5	237.9	237.2	236.3	237.2	237.9	238.5	238.6	238.1	237.4	236.1
52.5°	254.0	253.0	252.1	251.2	252.1	253.0	254.0	254.3	253.9	252.6	250.7
50°	270.6	269.7	268.8	267.9	268.8	269.7	270.6	270.8	270.4	269.0	266.8
47.5°	292.6	293.0	292.8	292.1	292.8	293.0	292.6	291.5	289.8	287.5	284.3
45°	319.5	320.6	320.7	320.0	320.7	320.6	319.5	317.2	314.0	310.0	305.4
42.5°	354.5	356.9	358.2	359.1	358.2	356.9	354.5	350.4	344.6	337.2	329.7
40°	404.1	409.0	412.0	414.9	412.0	409.0	404.1	396.6	386.2	373.6	362.0
37.5°	475.3	484.0	487.9	485.6	487.9	484.0	475.3	462.3	444.6	422.6	405.7
35°	588.0	604.6	613.3	613.9	613.3	604.6	588.0	563.2	530.9	496.0	468.5
32.5°	784.3	818.2	836.4	839.0	836.4	818.2	784.3	735.3	669.1	608.5	561.5
30°	1161.8	1231.0	1263.5	1255.8	1263.5	1231.0	1161.8	1054.6	914.5	810.5	710.0
27.5°	1895.4	2068.1	2170.4	2178.5	2170.4	2068.1	1895.4	1655.4	1346.7	1173.3	954.4
25°	3046.3	3341.1	3529.9	3532.9	3529.9	3341.1	3046.3	2649.6	2201.8	1812.1	1373.9
22.5°	4519.9	4922.3	5142.8	5181.3	5142.8	4922.3	4519.9	3978.2	3392.2	2751.2	2101.7
20°	6227.1	6762.4	7048.8	7049.1	7048.8	6762.4	6227.1	5508.4	4768.0	3889.5	3027.3
17.5°	8329.6	9198.8	9744.4	9979.3	9744.4	9198.8	8329.6	7283.6	6309.9	5188.8	4062.4
15°	11122.7	12583.4	13458.6	13616.4	13458.6	12583.4	11122.7	9604.5	8027.6	6572.8	5156.2
12.5°	14523.7	16372.2	17614.8	18070.2	17614.8	16372.2	14523.7	12391.5	9933.3	8001.6	6271.8
10°	18074.7	19787.4	21118.6	21565.9	21118.6	19787.4	18074.7	15370.1	12404.9	9502.1	7258.3
7.5°	20640.0	22682.4	24181.8	24840.3	24181.8	22682.4	20640.0	17953.2	14565.3	11108.7	8309.4
5°	22665.0	25081.6	26477.5	27097.0	26477.5	25081.6	22665.0	19793.0	16333.7	12463.0	9084.3
2.5°	23993.7	26381.5	27859.6	28430.9	27859.6	26381.5	23993.7	20961.8	17459.5	13293.0	9576.7
0°	24490.5	26825.3	28285.8	28983.4	28285.8	26825.3	24490.5	21253.4	17765.1	13489.9	9741.1
-2.5°	23993.7	26381.5	27859.6	28430.9	27859.6	26381.5	23993.7	20961.8	17459.5	13293.0	9576.7
-5°	22665.0	25081.6	26477.5	27097.0	26477.5	25081.6	22665.0	19793.0	16333.7	12463.0	9084.3
-7.5°	20640.0	22682.4	24181.8	24840.3	24181.8	22682.4	20640.0	17953.2	14565.3	11108.7	8309.4
-10°	18074.7	19787.4	21118.6	21565.9	21118.6	19787.4	18074.7	15370.1	12404.9	9502.1	7258.3
-12.5°	14523.7	16372.2	17614.8	18070.2	17614.8	16372.2	14523.7	12391.5	9933.3	8001.6	6271.8
-15°	11122.7	12583.4	13458.6	13616.4	13458.6	12583.4	11122.7	9604.5	8027.6	6572.8	5156.2
-17.5°	8329.6	9198.8	9744.4	9979.3	9744.4	9198.8	8329.6	7283.6	6309.9	5188.8	4062.4
-20°	6227.1	6762.4	7048.8	7049.1	7048.8	6762.4	6227.1	5508.4	4768.0	3889.5	3027.3



REPORT NUMBER: P626885 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA2C-722-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°	4519.9	4922.3	5142.8	5181.3	5142.8	4922.3	4519.9	3978.2	3392.2	2751.2	2101.7
-25°	3046.3	3341.1	3529.9	3532.9	3529.9	3341.1	3046.3	2649.6	2201.8	1812.1	1373.9
-27.5°	1895.4	2068.1	2170.4	2178.5	2170.4	2068.1	1895.4	1655.4	1346.7	1173.3	954.4
-30°	1161.8	1231.0	1263.5	1255.8	1263.5	1231.0	1161.8	1054.6	914.5	810.5	710.0
-32.5°	784.3	818.2	836.4	839.0	836.4	818.2	784.3	735.3	669.1	608.5	561.5
-35°	588.0	604.6	613.3	613.9	613.3	604.6	588.0	563.2	530.9	496.0	468.5
-37.5°	475.3	484.0	487.9	485.6	487.9	484.0	475.3	462.3	444.6	422.6	405.7
-40°	404.1	409.0	412.0	414.9	412.0	409.0	404.1	396.6	386.2	373.6	362.0
-42.5°	354.5	356.9	358.2	359.1	358.2	356.9	354.5	350.4	344.6	337.2	329.7
-45°	319.5	320.6	320.7	320.0	320.7	320.6	319.5	317.2	314.0	310.0	305.4
-47.5°	292.6	293.0	292.8	292.1	292.8	293.0	292.6	291.5	289.8	287.5	284.3
-50°	270.6	269.7	268.8	267.9	268.8	269.7	270.6	270.8	270.4	269.0	266.8
-52.5°	254.0	253.0	252.1	251.2	252.1	253.0	254.0	254.3	253.9	252.6	250.7
-55°	238.5	237.9	237.2	236.3	237.2	237.9	238.5	238.6	238.1	237.4	236.1
-57.5°	224.9	224.7	224.9	225.1	224.9	224.7	224.9	224.7	224.2	223.6	222.5
-60°	211.1	211.4	211.9	212.1	211.9	211.4	211.1	210.4	209.2	207.8	206.3
-62.5°	190.6	190.8	192.2	193.5	192.2	190.8	190.6	189.9	188.7	187.6	186.5
-65°	168.6	168.7	169.9	171.2	169.9	168.7	168.6	168.0	167.0	165.9	164.8
-67.5°	147.8	148.1	149.5	150.7	149.5	148.1	147.8	147.1	146.2	145.3	144.4
-70°	128.2	127.9	129.1	130.2	129.1	127.9	128.2	128.1	127.8	127.2	126.3
-72.5°	109.7	109.4	109.7	109.8	109.7	109.4	109.7	109.7	109.3	108.7	107.9
-75°	90.7	90.8	91.1	91.2	91.1	90.8	90.7	90.4	89.9	89.3	88.7
-77.5°	72.3	72.3	72.5	72.6	72.5	72.3	72.3	72.1	71.8	71.2	70.5
-80°	53.9	53.8	53.9	54.0	53.9	53.8	53.9	53.8	53.6	53.2	52.4
-82.5°	36.8	37.0	37.2	37.2	37.2	37.0	36.8	36.4	36.0	35.5	35.4
-85°	20.3	20.4	20.5	20.5	20.5	20.4	20.3	20.1	19.9	19.6	19.7
-87.5°	7.3	7.4	7.4	7.4	7.4	7.4	7.3	7.3	7.2	7.1	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: P626885 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA2C-722-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°	7.0	6.8	6.7	6.6	6.4	6.2	6.1	5.9	5.7	5.5	5.2
85°	19.7	19.7	19.5	18.9	18.3	17.6	16.9	16.1	15.3	14.5	13.6
82.5°	35.1	34.8	34.3	33.0	31.7	30.4	29.1	27.9	26.7	25.4	24.1
80°	51.5	50.5	49.5	47.9	46.2	44.3	42.2	40.3	38.3	36.3	34.5
77.5°	69.4	68.2	66.6	64.6	62.4	60.0	57.5	55.0	52.4	49.7	46.9
75°	87.8	86.7	85.0	82.6	80.0	77.2	74.0	70.5	66.9	63.4	59.9
72.5°	106.8	105.4	103.4	100.7	97.5	94.2	90.6	86.6	82.2	77.3	73.0
70°	125.1	123.6	121.7	119.2	116.1	112.4	108.1	103.4	98.4	93.2	87.9
67.5°	143.0	141.2	139.2	137.0	134.3	130.8	126.2	120.8	115.0	109.1	103.0
65°	163.0	160.7	158.1	155.8	152.8	149.3	144.6	139.4	133.1	125.9	118.1
62.5°	184.9	182.8	179.1	175.2	171.4	167.2	161.9	156.2	150.5	143.8	134.5
60°	204.8	202.9	198.1	193.4	188.7	183.7	177.7	171.6	165.6	158.3	149.8
57.5°	220.8	217.7	213.3	208.8	204.2	198.1	191.7	185.7	179.0	172.0	164.1
55°	234.5	231.1	226.5	221.6	216.3	210.2	203.9	197.1	190.7	184.9	176.8
52.5°	248.5	244.2	239.3	234.0	228.1	221.6	214.7	207.6	201.5	195.4	188.6
50°	263.6	258.2	252.3	246.1	239.9	232.9	225.4	217.9	211.9	205.7	198.8
47.5°	280.0	273.6	266.6	259.6	252.3	244.7	236.6	228.5	221.9	215.5	208.5
45°	299.2	291.0	282.0	273.9	265.3	256.9	248.3	239.9	231.6	224.4	217.6
42.5°	321.4	311.7	301.5	290.5	279.4	269.7	260.0	250.9	241.8	233.0	225.2
40°	349.4	335.2	323.3	309.7	296.6	283.3	272.7	261.8	251.8	241.9	232.9
37.5°	386.3	366.5	349.4	331.7	316.0	300.3	286.7	274.3	261.8	251.2	241.1
35°	436.0	408.4	381.5	358.7	337.6	319.1	301.8	287.3	273.6	260.5	249.2
32.5°	506.5	466.0	422.8	392.1	363.1	339.1	318.7	300.6	285.0	270.6	257.6
30°	617.1	545.6	484.3	432.3	394.8	362.2	335.9	314.6	296.2	280.3	265.9
27.5°	797.2	651.7	566.8	489.0	431.2	390.4	356.2	328.6	307.2	289.8	274.0
25°	1089.4	843.7	672.0	564.5	480.7	420.5	378.2	345.2	319.1	298.3	279.8
22.5°	1517.4	1133.9	838.5	651.1	541.3	461.5	404.2	361.6	329.7	305.6	285.5
20°	2192.4	1508.1	1081.0	791.3	612.5	501.0	431.7	380.9	342.7	313.6	290.5
17.5°	3000.8	2086.9	1355.6	942.3	704.9	557.9	463.8	399.4	354.2	320.7	294.7
15°	3815.5	2692.2	1777.6	1161.2	805.6	607.6	491.4	415.4	365.4	328.6	300.1
12.5°	4715.2	3340.7	2151.9	1342.3	909.4	667.6	526.6	436.9	377.7	336.4	305.3
10°	5492.3	3946.6	2602.0	1632.2	1045.8	730.5	558.9	455.3	388.0	342.7	309.4
7.5°	6192.0	4464.1	2979.4	1858.5	1151.7	780.4	584.8	470.0	395.7	347.3	312.2
5°	6688.6	4859.6	3283.0	2029.5	1227.5	815.0	602.9	480.4	400.7	350.2	313.9
2.5°	6998.4	5097.6	3481.0	2131.0	1264.5	833.9	614.2	486.3	405.0	353.4	314.8
0°	7026.8	5080.8	3508.7	2180.4	1240.9	837.2	619.5	487.4	407.4	355.3	314.4
-2.5°	6998.4	5097.6	3481.0	2131.0	1264.5	833.9	614.2	486.3	405.0	353.4	314.8
-5°	6688.6	4859.6	3283.0	2029.5	1227.5	815.0	602.9	480.4	400.7	350.2	313.9
-7.5°	6192.0	4464.1	2979.4	1858.5	1151.7	780.4	584.8	470.0	395.7	347.3	312.2
-10°	5492.3	3946.6	2602.0	1632.2	1045.8	730.5	558.9	455.3	388.0	342.7	309.4
-12.5°	4715.2	3340.7	2151.9	1342.3	909.4	667.6	526.6	436.9	377.7	336.4	305.3
-15°	3815.5	2692.2	1777.6	1161.2	805.6	607.6	491.4	415.4	365.4	328.6	300.1
-17.5°	3000.8	2086.9	1355.6	942.3	704.9	557.9	463.8	399.4	354.2	320.7	294.7
-20°	2192.4	1508.1	1081.0	791.3	612.5	501.0	431.7	380.9	342.7	313.6	290.5

Classified

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

Scaled Data Report



REPORT NUMBER: P626885 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA2C-722-U-MR-XX

CANDELA DISTRIBUTION (continued):

	20°	22.5°	25°	27.5°	30°	32.5°	35°	37.5°	40°	42.5°	45°
-22.5°	1517.4	1133.9	838.5	651.1	541.3	461.5	404.2	361.6	329.7	305.6	285.5
-25°	1089.4	843.7	672.0	564.5	480.7	420.5	378.2	345.2	319.1	298.3	279.8
-27.5°	797.2	651.7	566.8	489.0	431.2	390.4	356.2	328.6	307.2	289.8	274.0
-30°	617.1	545.6	484.3	432.3	394.8	362.2	335.9	314.6	296.2	280.3	265.9
-32.5°	506.5	466.0	422.8	392.1	363.1	339.1	318.7	300.6	285.0	270.6	257.6
-35°	436.0	408.4	381.5	358.7	337.6	319.1	301.8	287.3	273.6	260.5	249.2
-37.5°	386.3	366.5	349.4	331.7	316.0	300.3	286.7	274.3	261.8	251.2	241.1
-40°	349.4	335.2	323.3	309.7	296.6	283.3	272.7	261.8	251.8	241.9	232.9
-42.5°	321.4	311.7	301.5	290.5	279.4	269.7	260.0	250.9	241.8	233.0	225.2
-45°	299.2	291.0	282.0	273.9	265.3	256.9	248.3	239.9	231.6	224.4	217.6
-47.5°	280.0	273.6	266.6	259.6	252.3	244.7	236.6	228.5	221.9	215.5	208.5
-50°	263.6	258.2	252.3	246.1	239.9	232.9	225.4	217.9	211.9	205.7	198.8
-52.5°	248.5	244.2	239.3	234.0	228.1	221.6	214.7	207.6	201.5	195.4	188.6
-55°	234.5	231.1	226.5	221.6	216.3	210.2	203.9	197.1	190.7	184.9	176.8
-57.5°	220.8	217.7	213.3	208.8	204.2	198.1	191.7	185.7	179.0	172.0	164.1
-60°	204.8	202.9	198.1	193.4	188.7	183.7	177.7	171.6	165.6	158.3	149.8
-62.5°	184.9	182.8	179.1	175.2	171.4	167.2	161.9	156.2	150.5	143.8	134.5
-65°	163.0	160.7	158.1	155.8	152.8	149.3	144.6	139.4	133.1	125.9	118.1
-67.5°	143.0	141.2	139.2	137.0	134.3	130.8	126.2	120.8	115.0	109.1	103.0
-70°	125.1	123.6	121.7	119.2	116.1	112.4	108.1	103.4	98.4	93.2	87.9
-72.5°	106.8	105.4	103.4	100.7	97.5	94.2	90.6	86.6	82.2	77.3	73.0
-75°	87.8	86.7	85.0	82.6	80.0	77.2	74.0	70.5	66.9	63.4	59.9
-77.5°	69.4	68.2	66.6	64.6	62.4	60.0	57.5	55.0	52.4	49.7	46.9
-80°	51.5	50.5	49.5	47.9	46.2	44.3	42.2	40.3	38.3	36.3	34.5
-82.5°	35.1	34.8	34.3	33.0	31.7	30.4	29.1	27.9	26.7	25.4	24.1
-85°	19.7	19.7	19.5	18.9	18.3	17.6	16.9	16.1	15.3	14.5	13.6
-87.5°	7.0	6.8	6.7	6.6	6.4	6.2	6.1	5.9	5.7	5.5	5.2
-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: P626885 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA2C-722-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°	5.0	4.8	4.5	4.2	4.0	3.7	3.4	3.1	2.8	2.5	2.2
85°	12.6	11.6	10.6	9.6	8.5	7.4	6.8	6.2	5.7	5.1	4.4
82.5°	22.7	21.2	19.7	18.1	16.5	14.8	13.1	11.3	9.5	7.7	6.7
80°	32.7	30.7	28.7	26.6	24.5	22.2	19.9	17.5	14.9	12.4	10.1
77.5°	44.0	40.9	37.7	35.1	32.7	30.0	27.1	23.9	20.3	17.1	14.0
75°	56.3	52.6	48.8	45.1	41.5	37.9	34.6	30.8	26.3	21.8	18.0
72.5°	69.1	64.9	60.2	55.5	51.3	46.9	42.4	37.6	32.5	27.3	22.1
70°	82.6	77.4	72.2	66.9	61.4	55.9	50.7	44.9	38.5	32.7	26.8
67.5°	96.6	90.3	84.2	78.1	71.9	65.5	59.0	52.2	45.2	38.0	31.5
65°	110.9	103.5	96.0	89.3	82.3	75.2	67.9	59.6	51.7	43.9	36.1
62.5°	125.5	117.0	108.6	100.4	92.6	84.7	76.5	67.2	58.2	49.6	40.9
60°	140.2	130.4	121.0	111.9	102.8	94.0	84.8	74.6	64.7	55.1	45.8
57.5°	154.3	143.5	132.8	122.8	113.0	103.2	92.9	81.9	71.1	60.7	50.6
55°	168.0	156.9	144.4	133.0	122.6	112.2	100.8	89.1	77.3	66.0	55.2
52.5°	180.0	169.0	156.0	143.0	131.4	120.5	108.3	96.1	83.5	71.2	59.7
50°	190.9	179.8	166.8	153.0	139.8	127.7	115.4	102.6	89.6	76.3	64.1
47.5°	200.4	189.7	176.8	162.5	148.3	134.7	121.9	108.7	95.5	81.5	68.3
45°	209.0	199.2	186.5	171.7	156.2	141.7	128.0	114.5	100.7	86.5	72.3
42.5°	217.0	207.5	195.8	180.8	164.2	148.5	133.8	119.8	105.5	91.3	76.3
40°	224.2	214.7	204.6	189.3	171.9	154.8	139.6	124.8	110.1	95.6	80.2
37.5°	231.3	221.5	211.0	197.2	179.0	161.4	144.9	129.5	114.5	99.5	83.9
35°	238.6	228.2	216.7	203.4	185.8	167.3	149.8	134.0	118.6	103.2	87.3
32.5°	245.6	234.1	221.9	208.6	192.2	172.8	154.6	138.3	122.5	106.6	90.5
30°	252.5	239.0	226.5	214.0	197.7	178.1	159.3	142.3	126.1	109.8	93.4
27.5°	257.8	243.2	230.5	218.2	202.4	183.0	163.9	146.0	129.4	112.7	95.9
25°	262.5	247.3	234.0	221.5	206.9	188.1	168.1	149.4	132.4	115.3	98.2
22.5°	267.3	250.9	236.9	224.4	211.3	192.7	172.0	152.8	135.1	117.7	100.3
20°	271.3	253.8	239.3	227.0	214.2	196.2	175.7	155.9	137.5	119.9	102.1
17.5°	274.8	256.7	241.8	229.1	216.2	199.2	179.0	158.5	139.6	121.7	103.7
15°	278.4	259.7	243.9	230.8	217.9	201.7	181.7	160.7	141.4	123.3	105.2
12.5°	281.4	262.0	245.6	231.9	219.4	203.6	184.0	162.5	142.9	124.7	106.6
10°	283.8	263.4	246.8	232.7	220.5	205.0	185.8	164.2	144.6	126.0	107.8
7.5°	285.5	264.2	247.5	233.0	221.3	206.3	187.6	166.1	146.1	127.1	108.7
5°	286.6	264.5	247.9	233.7	221.8	207.5	188.8	167.6	147.3	127.8	109.3
2.5°	287.9	264.6	247.9	234.2	221.8	208.2	189.6	168.6	148.2	128.3	109.7
0°	288.4	264.2	247.4	234.4	221.4	208.4	189.8	169.3	148.8	128.4	109.8
-2.5°	287.9	264.6	247.9	234.2	221.8	208.2	189.6	168.6	148.2	128.3	109.7
-5°	286.6	264.5	247.9	233.7	221.8	207.5	188.8	167.6	147.3	127.8	109.3
-7.5°	285.5	264.2	247.5	233.0	221.3	206.3	187.6	166.1	146.1	127.1	108.7
-10°	283.8	263.4	246.8	232.7	220.5	205.0	185.8	164.2	144.6	126.0	107.8
-12.5°	281.4	262.0	245.6	231.9	219.4	203.6	184.0	162.5	142.9	124.7	106.6
-15°	278.4	259.7	243.9	230.8	217.9	201.7	181.7	160.7	141.4	123.3	105.2
-17.5°	274.8	256.7	241.8	229.1	216.2	199.2	179.0	158.5	139.6	121.7	103.7
-20°	271.3	253.8	239.3	227.0	214.2	196.2	175.7	155.9	137.5	119.9	102.1

Classified

Cooper Lighting Solutions Photometric Lab
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Scaled Data Report



REPORT NUMBER: P626885 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA2C-722-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°	267.3	250.9	236.9	224.4	211.3	192.7	172.0	152.8	135.1	117.7	100.3
-25°	262.5	247.3	234.0	221.5	206.9	188.1	168.1	149.4	132.4	115.3	98.2
-27.5°	257.8	243.2	230.5	218.2	202.4	183.0	163.9	146.0	129.4	112.7	95.9
-30°	252.5	239.0	226.5	214.0	197.7	178.1	159.3	142.3	126.1	109.8	93.4
-32.5°	245.6	234.1	221.9	208.6	192.2	172.8	154.6	138.3	122.5	106.6	90.5
-35°	238.6	228.2	216.7	203.4	185.8	167.3	149.8	134.0	118.6	103.2	87.3
-37.5°	231.3	221.5	211.0	197.2	179.0	161.4	144.9	129.5	114.5	99.5	83.9
-40°	224.2	214.7	204.6	189.3	171.9	154.8	139.6	124.8	110.1	95.6	80.2
-42.5°	217.0	207.5	195.8	180.8	164.2	148.5	133.8	119.8	105.5	91.3	76.3
-45°	209.0	199.2	186.5	171.7	156.2	141.7	128.0	114.5	100.7	86.5	72.3
-47.5°	200.4	189.7	176.8	162.5	148.3	134.7	121.9	108.7	95.5	81.5	68.3
-50°	190.9	179.8	166.8	153.0	139.8	127.7	115.4	102.6	89.6	76.3	64.1
-52.5°	180.0	169.0	156.0	143.0	131.4	120.5	108.3	96.1	83.5	71.2	59.7
-55°	168.0	156.9	144.4	133.0	122.6	112.2	100.8	89.1	77.3	66.0	55.2
-57.5°	154.3	143.5	132.8	122.8	113.0	103.2	92.9	81.9	71.1	60.7	50.6
-60°	140.2	130.4	121.0	111.9	102.8	94.0	84.8	74.6	64.7	55.1	45.8
-62.5°	125.5	117.0	108.6	100.4	92.6	84.7	76.5	67.2	58.2	49.6	40.9
-65°	110.9	103.5	96.0	89.3	82.3	75.2	67.9	59.6	51.7	43.9	36.1
-67.5°	96.6	90.3	84.2	78.1	71.9	65.5	59.0	52.2	45.2	38.0	31.5
-70°	82.6	77.4	72.2	66.9	61.4	55.9	50.7	44.9	38.5	32.7	26.8
-72.5°	69.1	64.9	60.2	55.5	51.3	46.9	42.4	37.6	32.5	27.3	22.1
-75°	56.3	52.6	48.8	45.1	41.5	37.9	34.6	30.8	26.3	21.8	18.0
-77.5°	44.0	40.9	37.7	35.1	32.7	30.0	27.1	23.9	20.3	17.1	14.0
-80°	32.7	30.7	28.7	26.6	24.5	22.2	19.9	17.5	14.9	12.4	10.1
-82.5°	22.7	21.2	19.7	18.1	16.5	14.8	13.1	11.3	9.5	7.7	6.7
-85°	12.6	11.6	10.6	9.6	8.5	7.4	6.8	6.2	5.7	5.1	4.4
-87.5°	5.0	4.8	4.5	4.2	4.0	3.7	3.4	3.1	2.8	2.5	2.2
-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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REPORT NUMBER: P626885 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA2C-722-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°	1.9	1.6	1.3	1.0	0.6	0.3	0.0
85°	3.8	3.2	2.6	1.9	1.3	0.6	0.0
82.5°	5.7	4.8	3.8	2.9	1.9	1.0	0.0
80°	7.8	6.4	5.1	3.8	2.6	1.3	0.0
77.5°	11.1	8.4	6.4	4.8	3.2	1.6	0.0
75°	14.4	11.1	7.8	5.7	3.8	1.9	0.0
72.5°	17.7	13.9	10.0	6.7	4.4	2.2	0.0
70°	21.0	16.5	12.1	7.7	5.1	2.5	0.0
67.5°	25.1	19.2	14.3	9.3	5.7	2.8	0.0
65°	29.0	22.2	16.4	10.9	6.2	3.1	0.0
62.5°	33.0	25.4	18.4	12.4	6.8	3.4	0.0
60°	36.8	28.6	20.4	13.9	7.4	3.7	0.0
57.5°	40.8	31.7	22.9	15.4	8.4	4.0	0.0
55°	44.7	34.7	25.3	16.8	9.3	4.2	0.0
52.5°	48.5	37.7	27.6	18.2	10.2	4.5	0.0
50°	52.1	40.7	29.9	19.5	11.1	4.8	0.0
47.5°	55.6	43.6	32.1	20.9	12.0	5.0	0.0
45°	59.1	46.3	34.2	22.5	12.8	5.2	0.0
42.5°	62.4	48.9	36.2	24.0	13.6	5.5	0.0
40°	65.5	51.4	38.2	25.4	14.4	5.7	0.0
37.5°	68.5	53.7	40.0	26.7	15.1	5.9	0.0
35°	71.3	56.0	41.8	28.0	15.8	6.1	0.0
32.5°	74.0	58.2	43.4	29.1	16.4	6.2	0.0
30°	76.5	60.2	44.9	30.2	17.0	6.4	0.0
27.5°	78.8	62.1	46.3	31.1	17.5	6.6	0.0
25°	80.9	63.8	47.5	32.0	18.0	6.7	0.0
22.5°	82.8	65.4	48.7	32.7	18.5	6.8	0.0
20°	84.4	66.7	49.8	33.4	18.9	7.0	0.0
17.5°	85.9	67.9	50.7	34.0	19.3	7.1	0.0
15°	87.2	68.8	51.6	34.4	19.6	7.1	0.0
12.5°	88.4	69.6	52.3	34.8	19.9	7.2	0.0
10°	89.4	70.2	52.9	35.1	20.1	7.3	0.0
7.5°	90.2	70.6	53.4	35.3	20.3	7.3	0.0
5°	90.7	70.8	53.7	35.4	20.4	7.4	0.0
2.5°	91.1	70.8	53.9	35.4	20.5	7.4	0.0
0°	91.2	70.7	54.0	35.3	20.5	7.4	0.0
-2.5°	91.1	70.8	53.9	35.4	20.5	7.4	0.0
-5°	90.7	70.8	53.7	35.4	20.4	7.4	0.0
-7.5°	90.2	70.6	53.4	35.3	20.3	7.3	0.0
-10°	89.4	70.2	52.9	35.1	20.1	7.3	0.0
-12.5°	88.4	69.6	52.3	34.8	19.9	7.2	0.0
-15°	87.2	68.8	51.6	34.4	19.6	7.1	0.0
-17.5°	85.9	67.9	50.7	34.0	19.3	7.1	0.0
-20°	84.4	66.7	49.8	33.4	18.9	7.0	0.0

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CATALOG NUMBER: GFLD-SA2C-722-U-MR-XX

CANDELA DISTRIBUTION (continued):

	75°	77.5°	80°	82.5°	85°	87.5°	90°
-22.5°	82.8	65.4	48.7	32.7	18.5	6.8	0.0
-25°	80.9	63.8	47.5	32.0	18.0	6.7	0.0
-27.5°	78.8	62.1	46.3	31.1	17.5	6.6	0.0
-30°	76.5	60.2	44.9	30.2	17.0	6.4	0.0
-32.5°	74.0	58.2	43.4	29.1	16.4	6.2	0.0
-35°	71.3	56.0	41.8	28.0	15.8	6.1	0.0
-37.5°	68.5	53.7	40.0	26.7	15.1	5.9	0.0
-40°	65.5	51.4	38.2	25.4	14.4	5.7	0.0
-42.5°	62.4	48.9	36.2	24.0	13.6	5.5	0.0
-45°	59.1	46.3	34.2	22.5	12.8	5.2	0.0
-47.5°	55.6	43.6	32.1	20.9	12.0	5.0	0.0
-50°	52.1	40.7	29.9	19.5	11.1	4.8	0.0
-52.5°	48.5	37.7	27.6	18.2	10.2	4.5	0.0
-55°	44.7	34.7	25.3	16.8	9.3	4.2	0.0
-57.5°	40.8	31.7	22.9	15.4	8.4	4.0	0.0
-60°	36.8	28.6	20.4	13.9	7.4	3.7	0.0
-62.5°	33.0	25.4	18.4	12.4	6.8	3.4	0.0
-65°	29.0	22.2	16.4	10.9	6.2	3.1	0.0
-67.5°	25.1	19.2	14.3	9.3	5.7	2.8	0.0
-70°	21.0	16.5	12.1	7.7	5.1	2.5	0.0
-72.5°	17.7	13.9	10.0	6.7	4.4	2.2	0.0
-75°	14.4	11.1	7.8	5.7	3.8	1.9	0.0
-77.5°	11.1	8.4	6.4	4.8	3.2	1.6	0.0
-80°	7.8	6.4	5.1	3.8	2.6	1.3	0.0
-82.5°	5.7	4.8	3.8	2.9	1.9	1.0	0.0
-85°	3.8	3.2	2.6	1.9	1.3	0.6	0.0
-87.5°	1.9	1.6	1.3	1.0	0.6	0.3	0.0
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0

(END OF REPORT)