

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: P626707 (CONVERTED FROM TYPE C PHOTOMETRY)

Luminaire Tested: **GFLD-SA1D-722-U-MWR-XX**

Issue Date: 12/7/2022

Test Information

Test Method: LM-79-08
Report Number: P626707 (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-SA1D-722-U-MWR-XX
Description: GALLEON FLOOD, ONE LIGHT SQAURE, MEDIUM WIDE SYMMETRICAL ROUND N8
Light Source: (16) 2200K CCT, 70 CRI LEDS
Ballast/Driver: -

Summary

Lumens per Lamp: N/A
Luminaire Lumens: 5339.2 lumens
Efficiency: N/A
Efficacy: 93.2 lumens/watt
Luminous Opening: Rectangular (W 0.5' x L: 0.5' x H: 0')

NEMA Type: 5H x 5V
Max Intensity: 6273.4 candela
Max Intensity Angle: -7.5°H x 10°V

Beam Angle (50%): 51°H x 52.3°V
Beam Lumens: 3543.9 lumens
Beam Efficiency: 66.4%

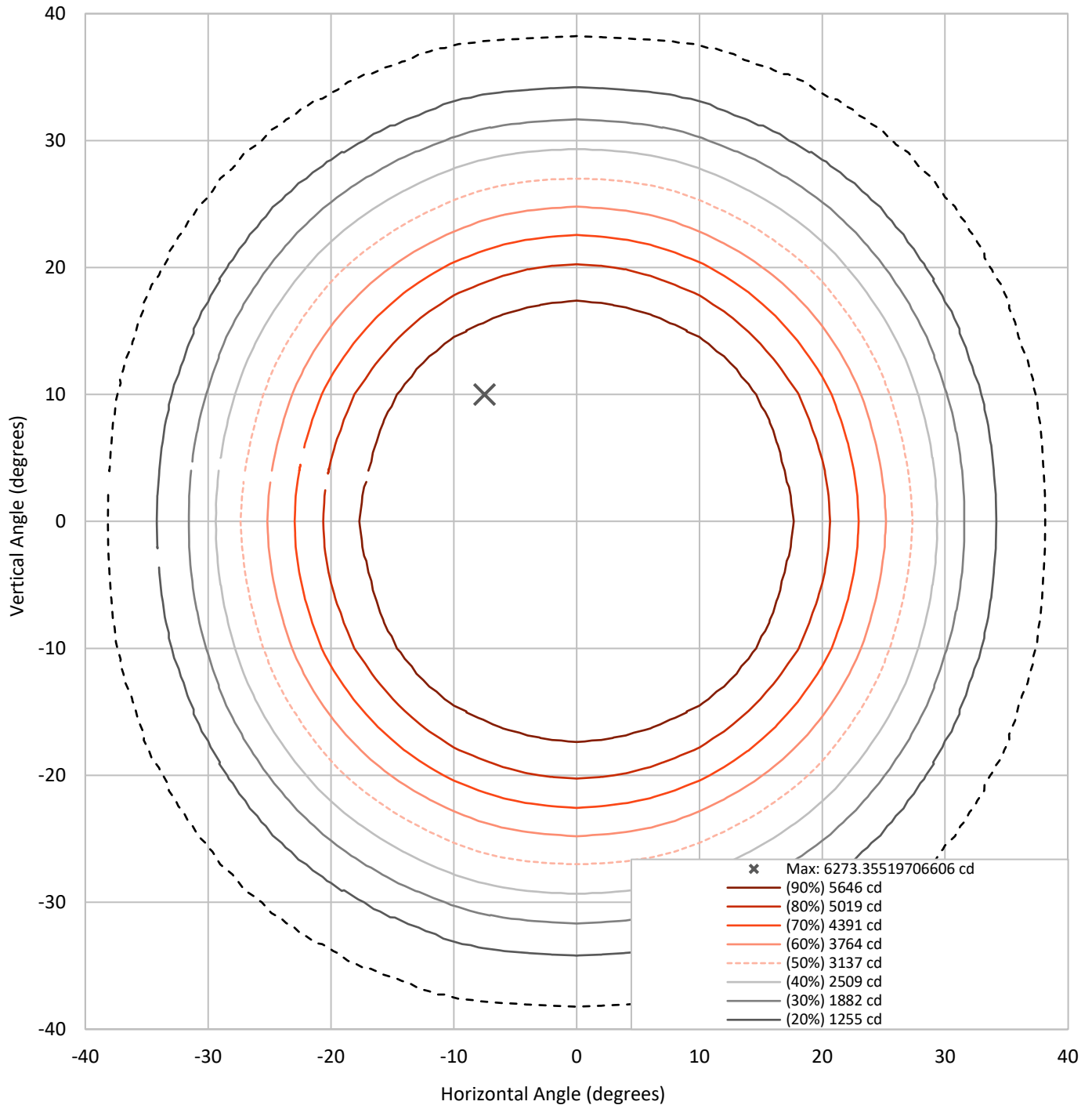
Field Angle (10%): 74.5°H x 75.5°V
Field Lumens: 4608 lumens
Field Efficiency: 86.3%

Input Watts (W): 57.3
Input Voltage (V): 120
Input Current (Ain): NR
Voltage Rise (V): NR
Power Factor: NR
Total Harmonic Distortion (THDi): NR
Frequency (hertz): 60
Stabilization Time: NR
Operation Time: NR
Ambient Temperature (°C): NR
Test Distance: 25 FT



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Iso-Candela Plot





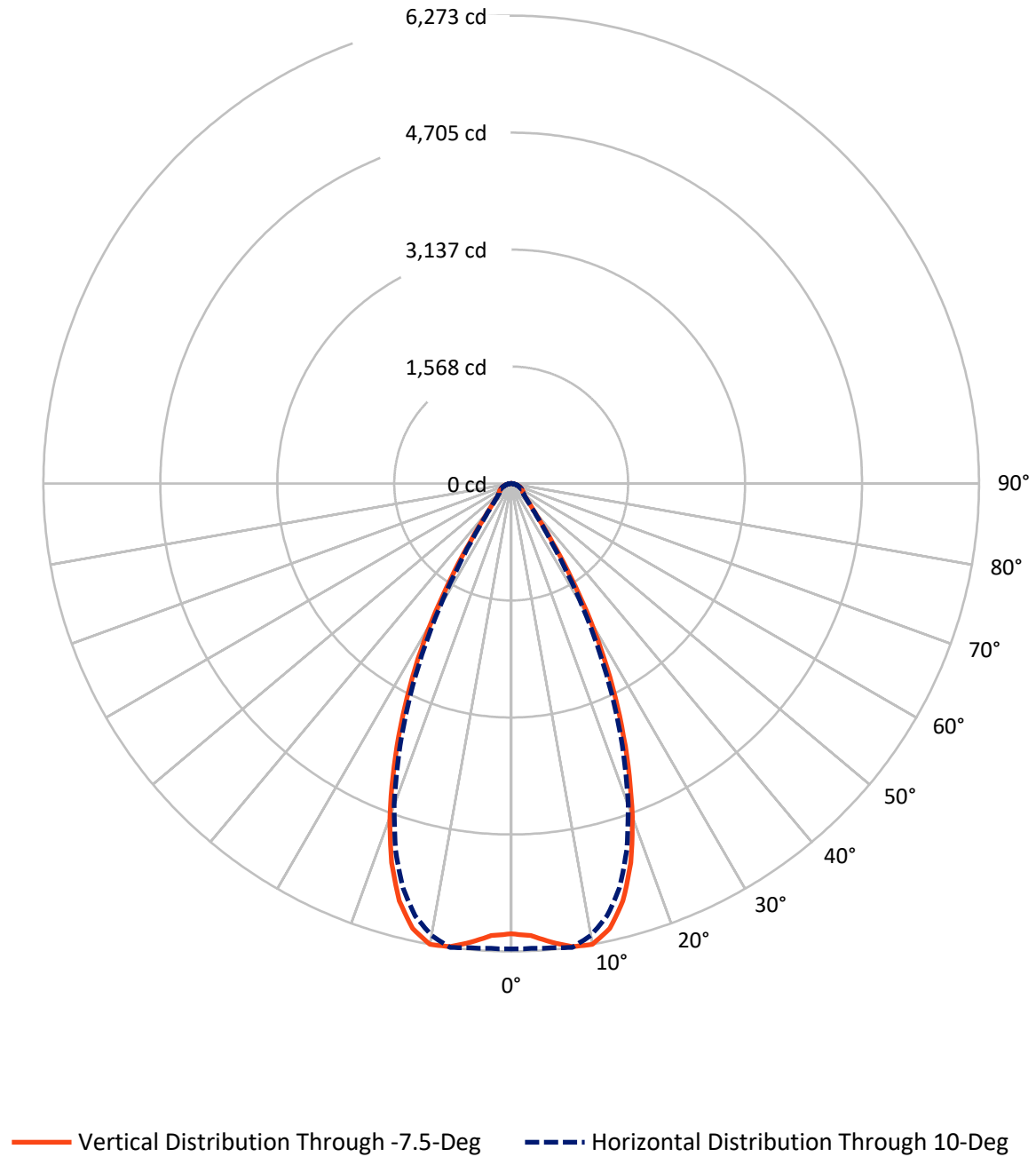
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Lumen Table

90																			
80	0.1	1.3		3.4		5.3		5.9		5.3		3.4		1.3		0.1			
70																			
60	0.6	0.6	1.3	2.1	3.0	3.6	4.1	4.3	4.3	4.1	3.6	3.0	2.1	1.3	0.6	0.6			
50		1.0	1.9	3.1	4.1	5.0	5.6	5.8	5.8	5.6	5.0	4.1	3.1	1.9	1.0				
40	1.0	1.2	2.4	3.7	5.0	6.5	8.2	9.4	9.4	8.2	6.5	5.0	3.7	2.4	1.2	1.0			
30		1.5	2.8	4.3	6.7	12.1	23.2	34.4	34.4	23.2	12.1	6.7	4.3	2.8	1.5				
20	1.3	1.6	3.1	5.0	10.9	34.3	76.9	107.4	107.4	76.9	34.3	10.9	5.0	3.1	1.6	1.3			
10		1.8	3.3	6.0	19.8	73.1	139.5	174.6	174.6	139.5	73.1	19.8	6.0	3.3	1.8				
0	1.4	1.8	3.3	6.7	28.5	100.0	169.3	184.2	184.2	169.3	100.0	28.5	6.7	3.3	1.8	1.4			
-10		1.8	3.3	6.7	28.5	100.0	169.3	184.2	184.2	169.3	100.0	28.5	6.7	3.3	1.8				
-20	1.3	1.8	3.3	6.0	19.8	73.1	139.5	174.6	174.6	139.5	73.1	19.8	6.0	3.3	1.8	1.3			
-30		1.6	3.1	5.0	10.9	34.3	76.9	107.4	107.4	76.9	34.3	10.9	5.0	3.1	1.6				
-40	1.0	1.5	2.8	4.3	6.7	12.1	23.2	34.4	34.4	23.2	12.1	6.7	4.3	2.8	1.5	1.0			
-50		1.2	2.4	3.7	5.0	6.5	8.2	9.4	9.4	8.2	6.5	5.0	3.7	2.4	1.2				
-60	0.6	1.0	1.9	3.1	4.1	5.0	5.6	5.8	5.8	5.6	5.0	4.1	3.1	1.9	1.0	0.6			
-70		0.6	1.3	2.1	3.0	3.6	4.1	4.3	4.3	4.1	3.6	3.0	2.1	1.3	0.6				
-80																			
-90	0.1	1.3		3.4		5.3		5.9		5.3		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

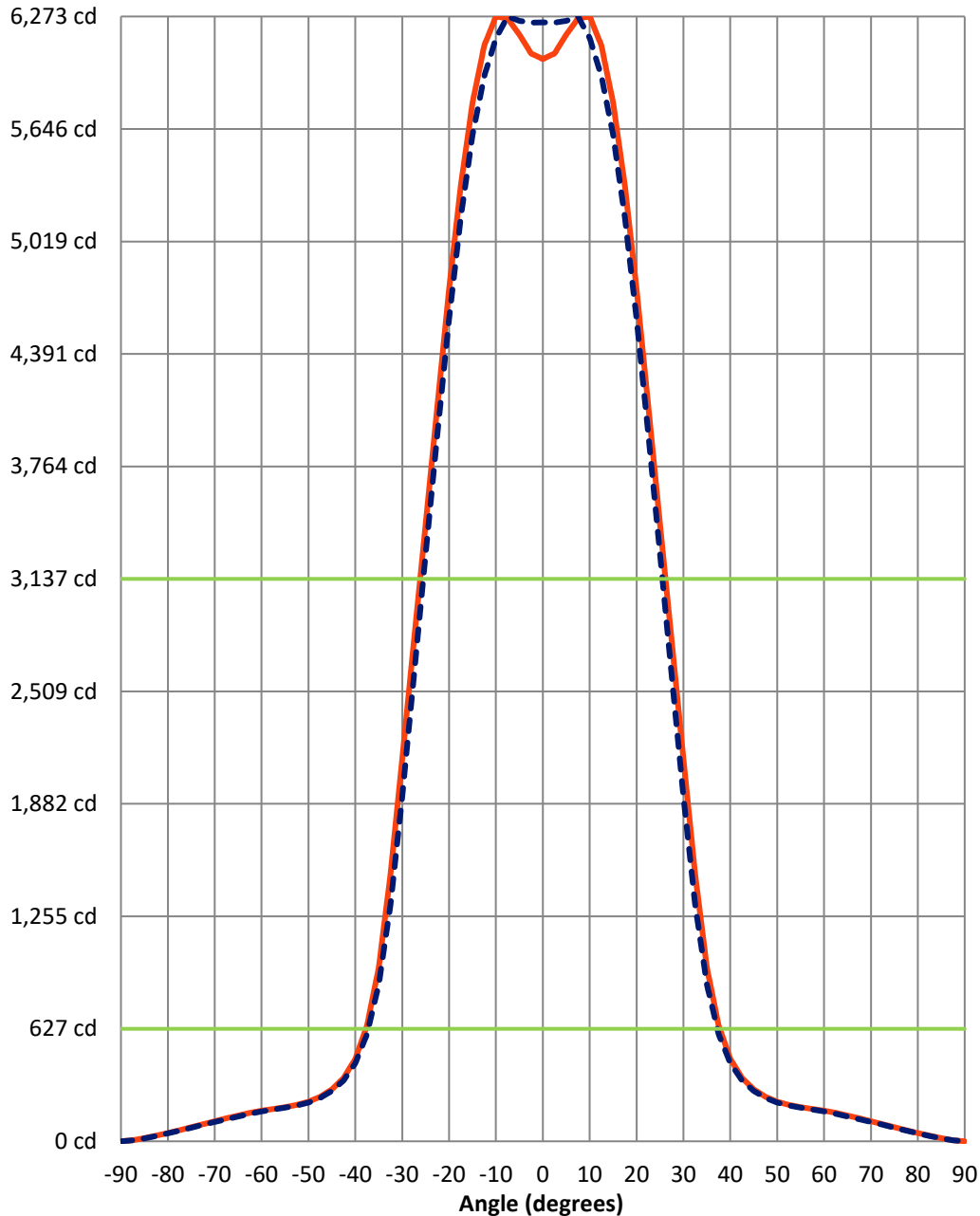
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Luminous Intensity Polar Plot



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Luminous Intensity Plot



Beam:
 H Angle: 51°
 V Angle: 52.3°
 Lumens: 3543.9
 Efficiency: 66.4%

Field:
 H Angle: 74.5°
 V Angle: 75.5°
 Lumens: 4608
 Efficiency: 86.3%

Spill:
 Lumens: 731.2
 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	1.7	2.1	2.4	2.8
85°	0.0	0.5	1.0	1.4	1.9	2.4	2.8	3.5	4.1	4.8	5.6
82.5°	0.0	0.7	1.4	2.1	2.9	3.6	4.3	5.2	6.3	7.9	9.5
80°	0.0	1.0	1.9	2.9	3.8	4.7	5.9	8.1	10.2	12.2	14.1
77.5°	0.0	1.2	2.4	3.6	4.7	6.4	8.9	11.6	14.1	16.5	19.0
75°	0.0	1.4	2.8	4.3	5.9	8.9	12.0	15.1	18.0	21.5	24.9
72.5°	0.0	1.7	3.3	4.9	7.9	11.5	15.0	18.7	22.7	26.7	30.7
70°	0.0	1.9	3.8	5.8	9.9	13.9	18.0	22.7	27.4	31.9	36.7
67.5°	0.0	2.1	4.2	7.3	11.8	16.4	21.5	26.7	31.9	37.3	42.8
65°	0.0	2.3	4.6	8.7	13.8	19.0	24.8	30.7	36.6	42.6	49.0
62.5°	0.0	2.5	5.1	10.1	15.7	21.7	28.1	34.6	41.1	47.9	55.6
60°	0.0	2.7	5.5	11.5	17.5	24.3	31.2	38.4	45.5	53.6	62.1
57.5°	0.0	3.0	6.4	12.9	19.5	26.8	34.4	42.1	50.3	59.2	68.1
55°	0.0	3.2	7.2	14.2	21.5	29.3	37.6	45.7	55.0	64.6	73.9
52.5°	0.0	3.3	8.1	15.5	23.3	31.7	40.6	49.7	59.6	69.7	79.6
50°	0.0	3.5	8.9	16.7	25.1	34.2	43.6	53.6	64.0	74.6	85.1
47.5°	0.0	3.7	9.6	17.9	26.9	36.6	46.6	57.3	68.2	79.3	90.4
45°	0.0	3.9	10.4	19.2	28.5	38.9	49.6	60.9	72.3	83.9	95.5
42.5°	0.0	4.1	11.1	20.3	30.1	41.2	52.5	64.3	76.2	88.3	100.3
40°	0.0	4.2	11.7	21.4	31.7	43.4	55.2	67.5	79.9	92.5	104.9
37.5°	0.0	4.4	12.3	22.5	33.4	45.4	57.8	70.5	83.5	96.5	109.4
35°	0.0	4.5	12.9	23.4	34.9	47.4	60.3	73.3	86.9	100.3	113.6
32.5°	0.0	4.6	13.5	24.3	36.4	49.3	62.5	75.9	90.1	103.9	117.2
30°	0.0	4.8	13.9	25.1	37.8	51.1	64.6	78.4	93.1	107.1	120.6
27.5°	0.0	4.9	14.4	25.9	39.0	52.7	66.5	80.8	95.9	110.1	123.8
25°	0.0	5.0	14.8	26.6	40.1	54.2	68.3	83.1	98.3	112.7	126.7
22.5°	0.0	5.1	15.2	27.2	41.1	55.5	69.9	85.1	100.5	115.0	129.3
20°	0.0	5.2	15.5	27.8	42.0	56.6	71.2	87.0	102.4	117.1	131.6
17.5°	0.0	5.2	15.8	28.3	42.8	57.6	72.5	88.6	104.1	118.9	133.6
15°	0.0	5.3	16.0	28.7	43.5	58.5	73.6	90.1	105.5	120.5	135.4
12.5°	0.0	5.4	16.2	29.0	44.0	59.2	74.6	91.4	106.8	121.8	136.8
10°	0.0	5.4	16.4	29.3	44.4	59.7	75.4	92.5	107.9	123.0	138.0
7.5°	0.0	5.5	16.5	29.5	44.8	60.1	76.1	93.3	108.7	124.0	139.1
5°	0.0	5.5	16.5	29.6	45.0	60.3	76.5	93.9	109.3	124.6	139.9
2.5°	0.0	5.5	16.5	29.6	45.0	60.4	76.8	94.3	109.7	125.1	140.3
0°	0.0	5.5	16.5	29.6	45.0	60.4	76.9	94.4	109.8	125.2	140.5
-2.5°	0.0	5.5	16.5	29.6	45.0	60.4	76.8	94.3	109.7	125.1	140.3
-5°	0.0	5.5	16.5	29.6	45.0	60.3	76.5	93.9	109.3	124.6	139.9
-7.5°	0.0	5.5	16.5	29.5	44.8	60.1	76.1	93.3	108.7	124.0	139.1
-10°	0.0	5.4	16.4	29.3	44.4	59.7	75.4	92.5	107.9	123.0	138.0
-12.5°	0.0	5.4	16.2	29.0	44.0	59.2	74.6	91.4	106.8	121.8	136.8
-15°	0.0	5.3	16.0	28.7	43.5	58.5	73.6	90.1	105.5	120.5	135.4
-17.5°	0.0	5.2	15.8	28.3	42.8	57.6	72.5	88.6	104.1	118.9	133.6
-20°	0.0	5.2	15.5	27.8	42.0	56.6	71.2	87.0	102.4	117.1	131.6

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CATALOG NUMBER: GFLD-SA1D-722-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	5.1	15.2	27.2	41.1	55.5	69.9	85.1	100.5	115.0	129.3
-25°	0.0	5.0	14.8	26.6	40.1	54.2	68.3	83.1	98.3	112.7	126.7
-27.5°	0.0	4.9	14.4	25.9	39.0	52.7	66.5	80.8	95.9	110.1	123.8
-30°	0.0	4.8	13.9	25.1	37.8	51.1	64.6	78.4	93.1	107.1	120.6
-32.5°	0.0	4.6	13.5	24.3	36.4	49.3	62.5	75.9	90.1	103.9	117.2
-35°	0.0	4.5	12.9	23.4	34.9	47.4	60.3	73.3	86.9	100.3	113.6
-37.5°	0.0	4.4	12.3	22.5	33.4	45.4	57.8	70.5	83.5	96.5	109.4
-40°	0.0	4.2	11.7	21.4	31.7	43.4	55.2	67.5	79.9	92.5	104.9
-42.5°	0.0	4.1	11.1	20.3	30.1	41.2	52.5	64.3	76.2	88.3	100.3
-45°	0.0	3.9	10.4	19.2	28.5	38.9	49.6	60.9	72.3	83.9	95.5
-47.5°	0.0	3.7	9.6	17.9	26.9	36.6	46.6	57.3	68.2	79.3	90.4
-50°	0.0	3.5	8.9	16.7	25.1	34.2	43.6	53.6	64.0	74.6	85.1
-52.5°	0.0	3.3	8.1	15.5	23.3	31.7	40.6	49.7	59.6	69.7	79.6
-55°	0.0	3.2	7.2	14.2	21.5	29.3	37.6	45.7	55.0	64.6	73.9
-57.5°	0.0	3.0	6.4	12.9	19.5	26.8	34.4	42.1	50.3	59.2	68.1
-60°	0.0	2.7	5.5	11.5	17.5	24.3	31.2	38.4	45.5	53.6	62.1
-62.5°	0.0	2.5	5.1	10.1	15.7	21.7	28.1	34.6	41.1	47.9	55.6
-65°	0.0	2.3	4.6	8.7	13.8	19.0	24.8	30.7	36.6	42.6	49.0
-67.5°	0.0	2.1	4.2	7.3	11.8	16.4	21.5	26.7	31.9	37.3	42.8
-70°	0.0	1.9	3.8	5.8	9.9	13.9	18.0	22.7	27.4	31.9	36.7
-72.5°	0.0	1.7	3.3	4.9	7.9	11.5	15.0	18.7	22.7	26.7	30.7
-75°	0.0	1.4	2.8	4.3	5.9	8.9	12.0	15.1	18.0	21.5	24.9
-77.5°	0.0	1.2	2.4	3.6	4.7	6.4	8.9	11.6	14.1	16.5	19.0
-80°	0.0	1.0	1.9	2.9	3.8	4.7	5.9	8.1	10.2	12.2	14.1
-82.5°	0.0	0.7	1.4	2.1	2.9	3.6	4.3	5.2	6.3	7.9	9.5
-85°	0.0	0.5	1.0	1.4	1.9	2.4	2.8	3.5	4.1	4.8	5.6
-87.5°	0.0	0.2	0.5	0.7	1.0	1.2	1.4	1.7	2.1	2.4	2.8
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



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CATALOG NUMBER: GFLD-SA1D-722-U-MWR-XX

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°	3.0	3.3	3.5	3.8	4.0	4.2	4.5	4.7	4.9	5.1	5.2
85°	6.1	6.6	7.5	8.4	9.2	10.0	10.8	11.6	12.3	13.0	13.7
82.5°	10.9	12.3	13.8	15.3	16.6	17.8	19.0	20.2	21.5	22.7	23.9
80°	16.0	18.0	20.3	22.4	24.3	26.1	27.8	29.5	31.3	33.2	35.2
77.5°	21.9	24.7	27.4	29.9	32.2	34.9	37.4	39.8	42.4	44.9	47.3
75°	28.2	31.4	34.8	38.2	41.4	44.6	47.7	50.8	54.0	57.1	60.1
72.5°	34.8	38.9	42.9	46.8	50.8	54.8	58.6	62.2	66.0	69.8	73.5
70°	41.6	46.3	51.2	56.0	60.5	65.1	69.7	74.2	78.5	83.0	87.4
67.5°	48.4	54.3	59.9	65.2	70.5	75.9	81.1	86.4	91.6	96.8	101.8
65°	56.0	62.4	68.5	74.5	80.6	86.9	93.1	99.1	105.1	110.9	116.1
62.5°	63.4	70.2	76.9	83.8	91.0	98.1	104.9	111.8	118.7	124.8	130.1
60°	70.2	77.7	85.3	93.1	101.1	108.8	116.4	123.8	131.3	138.2	142.5
57.5°	76.7	85.1	93.5	101.9	110.4	118.9	126.8	135.0	141.9	147.8	152.8
55°	83.1	92.2	101.1	110.0	119.1	128.0	136.6	144.4	151.2	156.1	161.0
52.5°	89.4	99.0	108.2	117.8	127.4	136.9	145.9	153.1	158.7	163.7	168.2
50°	95.4	105.2	114.9	125.3	135.5	145.5	154.0	160.3	166.0	170.9	175.6
47.5°	101.1	111.3	121.6	132.6	143.3	153.0	160.8	167.4	173.2	178.4	184.0
45°	106.6	117.4	128.3	139.5	150.5	159.9	167.4	174.5	179.9	185.8	192.3
42.5°	111.9	123.2	134.7	146.2	157.4	166.1	173.7	180.1	186.5	193.5	201.3
40°	116.9	128.7	140.6	152.7	163.8	171.6	178.9	185.8	193.5	201.9	210.9
37.5°	121.6	133.9	146.2	158.8	168.6	176.5	184.0	191.7	200.8	210.5	222.7
35°	126.0	138.6	151.5	163.6	172.8	181.2	189.0	197.6	208.2	220.9	236.5
32.5°	130.1	143.1	156.3	167.4	176.7	185.5	193.5	204.2	216.9	232.0	254.0
30°	133.9	147.2	160.4	171.2	180.2	189.1	198.8	210.9	225.7	247.7	275.9
27.5°	137.3	150.9	163.7	174.3	183.4	192.5	203.9	218.6	238.0	264.3	299.4
25°	140.5	154.4	166.8	176.9	186.3	196.4	208.8	225.3	250.9	284.8	332.3
22.5°	143.4	157.6	169.8	179.2	189.1	200.0	214.5	235.1	264.5	304.2	365.4
20°	146.0	160.0	172.0	181.4	191.6	203.0	219.5	244.3	279.9	331.3	409.4
17.5°	148.3	162.1	173.7	183.4	194.0	206.3	224.4	252.3	293.5	354.9	453.8
15°	150.3	164.0	175.1	185.1	196.2	210.2	231.2	262.8	309.3	379.4	492.5
12.5°	151.9	165.4	176.2	186.6	198.0	213.4	237.1	272.7	325.8	409.6	549.6
10°	153.2	166.6	177.1	187.7	199.4	216.0	241.8	280.8	339.4	435.7	598.3
7.5°	154.3	167.5	177.7	188.5	200.3	217.9	245.4	287.1	349.9	456.2	636.8
5°	155.2	168.0	178.0	188.9	201.2	219.2	247.8	291.4	357.1	470.9	663.9
2.5°	155.7	168.2	178.1	189.0	201.8	219.7	249.1	293.8	362.7	477.8	678.5
0°	155.9	168.0	177.9	188.8	202.0	219.6	249.2	294.2	365.6	477.6	680.7
-2.5°	155.7	168.2	178.1	189.0	201.8	219.7	249.1	293.8	362.7	477.8	678.5
-5°	155.2	168.0	178.0	188.9	201.2	219.2	247.8	291.4	357.1	470.9	663.9
-7.5°	154.3	167.5	177.7	188.5	200.3	217.9	245.4	287.1	349.9	456.2	636.8
-10°	153.2	166.6	177.1	187.7	199.4	216.0	241.8	280.8	339.4	435.7	598.3
-12.5°	151.9	165.4	176.2	186.6	198.0	213.4	237.1	272.7	325.8	409.6	549.6
-15°	150.3	164.0	175.1	185.1	196.2	210.2	231.2	262.8	309.3	379.4	492.5
-17.5°	148.3	162.1	173.7	183.4	194.0	206.3	224.4	252.3	293.5	354.9	453.8
-20°	146.0	160.0	172.0	181.4	191.6	203.0	219.5	244.3	279.9	331.3	409.4

Classified

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

Scaled Data Report



REPORT NUMBER: P626707 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA1D-722-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°	143.4	157.6	169.8	179.2	189.1	200.0	214.5	235.1	264.5	304.2	365.4
-25°	140.5	154.4	166.8	176.9	186.3	196.4	208.8	225.3	250.9	284.8	332.3
-27.5°	137.3	150.9	163.7	174.3	183.4	192.5	203.9	218.6	238.0	264.3	299.4
-30°	133.9	147.2	160.4	171.2	180.2	189.1	198.8	210.9	225.7	247.7	275.9
-32.5°	130.1	143.1	156.3	167.4	176.7	185.5	193.5	204.2	216.9	232.0	254.0
-35°	126.0	138.6	151.5	163.6	172.8	181.2	189.0	197.6	208.2	220.9	236.5
-37.5°	121.6	133.9	146.2	158.8	168.6	176.5	184.0	191.7	200.8	210.5	222.7
-40°	116.9	128.7	140.6	152.7	163.8	171.6	178.9	185.8	193.5	201.9	210.9
-42.5°	111.9	123.2	134.7	146.2	157.4	166.1	173.7	180.1	186.5	193.5	201.3
-45°	106.6	117.4	128.3	139.5	150.5	159.9	167.4	174.5	179.9	185.8	192.3
-47.5°	101.1	111.3	121.6	132.6	143.3	153.0	160.8	167.4	173.2	178.4	184.0
-50°	95.4	105.2	114.9	125.3	135.5	145.5	154.0	160.3	166.0	170.9	175.6
-52.5°	89.4	99.0	108.2	117.8	127.4	136.9	145.9	153.1	158.7	163.7	168.2
-55°	83.1	92.2	101.1	110.0	119.1	128.0	136.6	144.4	151.2	156.1	161.0
-57.5°	76.7	85.1	93.5	101.9	110.4	118.9	126.8	135.0	141.9	147.8	152.8
-60°	70.2	77.7	85.3	93.1	101.1	108.8	116.4	123.8	131.3	138.2	142.5
-62.5°	63.4	70.2	76.9	83.8	91.0	98.1	104.9	111.8	118.7	124.8	130.1
-65°	56.0	62.4	68.5	74.5	80.6	86.9	93.1	99.1	105.1	110.9	116.1
-67.5°	48.4	54.3	59.9	65.2	70.5	75.9	81.1	86.4	91.6	96.8	101.8
-70°	41.6	46.3	51.2	56.0	60.5	65.1	69.7	74.2	78.5	83.0	87.4
-72.5°	34.8	38.9	42.9	46.8	50.8	54.8	58.6	62.2	66.0	69.8	73.5
-75°	28.2	31.4	34.8	38.2	41.4	44.6	47.7	50.8	54.0	57.1	60.1
-77.5°	21.9	24.7	27.4	29.9	32.2	34.9	37.4	39.8	42.4	44.9	47.3
-80°	16.0	18.0	20.3	22.4	24.3	26.1	27.8	29.5	31.3	33.2	35.2
-82.5°	10.9	12.3	13.8	15.3	16.6	17.8	19.0	20.2	21.5	22.7	23.9
-85°	6.1	6.6	7.5	8.4	9.2	10.0	10.8	11.6	12.3	13.0	13.7
-87.5°	3.0	3.3	3.5	3.8	4.0	4.2	4.5	4.7	4.9	5.1	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: P626707 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA1D-722-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°	5.4	5.3	5.2	5.1	5.0	5.3	5.7	6.0	6.4	6.2	6.0
85°	14.3	14.6	14.9	15.1	15.3	16.0	16.7	17.3	17.9	17.9	17.8
82.5°	25.2	25.9	26.6	27.3	27.8	28.6	29.3	29.9	30.5	30.8	31.2
80°	37.0	38.3	39.5	40.5	41.4	42.5	43.5	44.3	45.1	45.5	45.8
77.5°	49.6	51.6	53.3	54.9	56.5	58.0	59.4	60.7	61.8	62.0	62.0
75°	63.0	65.6	68.0	70.2	72.3	74.0	75.5	76.8	77.8	78.3	78.6
72.5°	77.0	80.1	83.0	85.6	87.8	89.6	91.2	92.6	93.7	94.5	94.9
70°	91.6	95.4	98.3	100.7	102.6	104.4	106.5	108.4	110.3	111.3	111.7
67.5°	106.3	110.2	112.9	115.1	116.8	118.6	121.2	123.5	125.5	126.9	127.8
65°	120.7	124.8	127.5	129.6	131.2	133.0	135.8	138.1	139.9	141.3	142.5
62.5°	134.9	139.0	142.0	144.5	146.8	148.8	151.1	153.1	154.6	156.0	157.5
60°	147.2	152.1	155.2	157.8	160.6	163.7	165.5	166.9	168.2	169.3	170.2
57.5°	157.2	161.6	165.7	168.7	171.7	174.6	176.6	177.9	179.0	179.8	180.2
55°	165.7	170.2	174.7	178.0	180.9	183.5	185.8	187.6	189.0	190.2	190.5
52.5°	173.2	178.3	182.6	186.4	190.3	193.5	196.0	198.4	200.5	202.2	202.9
50°	181.4	186.6	192.2	197.3	201.4	205.0	208.0	211.4	215.0	218.0	219.9
47.5°	190.0	196.1	202.8	209.1	213.9	219.3	224.3	229.4	236.0	241.6	245.7
45°	199.0	206.9	214.5	222.5	229.2	239.3	248.6	256.7	267.4	277.0	284.7
42.5°	209.7	219.5	228.8	241.6	255.0	268.7	283.6	296.3	313.0	330.0	343.8
40°	222.3	234.8	251.2	268.4	289.5	308.5	334.2	357.1	382.7	415.1	441.9
37.5°	237.5	256.7	279.6	303.5	336.5	368.0	410.5	455.2	495.8	558.2	610.7
35°	257.2	284.1	314.2	356.6	403.3	462.3	528.6	615.0	689.1	794.3	894.8
32.5°	282.6	317.2	366.4	431.8	500.8	608.0	713.1	863.3	1002.3	1169.0	1348.9
30°	310.9	363.5	438.6	528.4	657.1	814.9	1000.2	1230.7	1483.1	1717.3	1948.2
27.5°	351.9	427.3	525.9	670.8	871.4	1092.1	1416.8	1729.8	2056.3	2346.6	2588.7
25°	399.8	499.4	651.9	865.2	1136.6	1514.5	1903.2	2289.5	2640.6	2944.5	3212.0
22.5°	461.5	604.8	808.2	1084.5	1507.0	1960.0	2415.8	2841.9	3216.5	3554.8	3844.4
20°	528.7	708.1	998.4	1410.4	1893.7	2409.7	2924.4	3378.3	3790.7	4174.3	4500.7
17.5°	613.9	865.1	1232.8	1727.1	2285.7	2851.1	3391.8	3884.4	4352.3	4758.2	5099.2
15°	686.6	1003.4	1483.3	2063.0	2667.2	3263.7	3834.5	4369.5	4856.0	5272.5	5593.0
12.5°	783.4	1158.4	1705.7	2351.7	3006.6	3634.1	4235.4	4788.3	5283.4	5695.4	5944.9
10°	875.0	1318.9	1920.6	2594.3	3274.7	3943.3	4585.3	5152.4	5612.0	5939.7	6152.4
7.5°	952.8	1456.7	2095.4	2790.4	3487.7	4186.8	4836.6	5388.3	5812.2	6085.9	6233.9
5°	1011.0	1559.8	2225.2	2949.8	3665.2	4376.6	5021.4	5539.4	5905.7	6109.0	6183.3
2.5°	1048.0	1620.3	2300.5	3054.4	3784.1	4496.8	5148.2	5658.0	5968.8	6103.6	6116.3
0°	1062.8	1628.2	2312.2	3109.2	3814.1	4531.0	5184.2	5706.8	5992.3	6103.2	6101.0
-2.5°	1048.0	1620.3	2300.5	3054.4	3784.1	4496.8	5148.2	5658.0	5968.8	6103.6	6116.3
-5°	1011.0	1559.8	2225.2	2949.8	3665.2	4376.6	5021.4	5539.4	5905.7	6109.0	6183.3
-7.5°	952.8	1456.7	2095.4	2790.4	3487.7	4186.8	4836.6	5388.3	5812.2	6085.9	6233.9
-10°	875.0	1318.9	1920.6	2594.3	3274.7	3943.3	4585.3	5152.4	5612.0	5939.7	6152.4
-12.5°	783.4	1158.4	1705.7	2351.7	3006.6	3634.1	4235.4	4788.3	5283.4	5695.4	5944.9
-15°	686.6	1003.4	1483.3	2063.0	2667.2	3263.7	3834.5	4369.5	4856.0	5272.5	5593.0
-17.5°	613.9	865.1	1232.8	1727.1	2285.7	2851.1	3391.8	3884.4	4352.3	4758.2	5099.2
-20°	528.7	708.1	998.4	1410.4	1893.7	2409.7	2924.4	3378.3	3790.7	4174.3	4500.7

Classified

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

Scaled Data Report



REPORT NUMBER: P626707 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA1D-722-U-MWR-XX

CANDELA DISTRIBUTION (continued):

	-35°	-32.5°	-30°	-27.5°	-25°	-22.5°	-20°	-17.5°	-15°	-12.5°	-10°
-22.5°	461.5	604.8	808.2	1084.5	1507.0	1960.0	2415.8	2841.9	3216.5	3554.8	3844.4
-25°	399.8	499.4	651.9	865.2	1136.6	1514.5	1903.2	2289.5	2640.6	2944.5	3212.0
-27.5°	351.9	427.3	525.9	670.8	871.4	1092.1	1416.8	1729.8	2056.3	2346.6	2588.7
-30°	310.9	363.5	438.6	528.4	657.1	814.9	1000.2	1230.7	1483.1	1717.3	1948.2
-32.5°	282.6	317.2	366.4	431.8	500.8	608.0	713.1	863.3	1002.3	1169.0	1348.9
-35°	257.2	284.1	314.2	356.6	403.3	462.3	528.6	615.0	689.1	794.3	894.8
-37.5°	237.5	256.7	279.6	303.5	336.5	368.0	410.5	455.2	495.8	558.2	610.7
-40°	222.3	234.8	251.2	268.4	289.5	308.5	334.2	357.1	382.7	415.1	441.9
-42.5°	209.7	219.5	228.8	241.6	255.0	268.7	283.6	296.3	313.0	330.0	343.8
-45°	199.0	206.9	214.5	222.5	229.2	239.3	248.6	256.7	267.4	277.0	284.7
-47.5°	190.0	196.1	202.8	209.1	213.9	219.3	224.3	229.4	236.0	241.6	245.7
-50°	181.4	186.6	192.2	197.3	201.4	205.0	208.0	211.4	215.0	218.0	219.9
-52.5°	173.2	178.3	182.6	186.4	190.3	193.5	196.0	198.4	200.5	202.2	202.9
-55°	165.7	170.2	174.7	178.0	180.9	183.5	185.8	187.6	189.0	190.2	190.5
-57.5°	157.2	161.6	165.7	168.7	171.7	174.6	176.6	177.9	179.0	179.8	180.2
-60°	147.2	152.1	155.2	157.8	160.6	163.7	165.5	166.9	168.2	169.3	170.2
-62.5°	134.9	139.0	142.0	144.5	146.8	148.8	151.1	153.1	154.6	156.0	157.5
-65°	120.7	124.8	127.5	129.6	131.2	133.0	135.8	138.1	139.9	141.3	142.5
-67.5°	106.3	110.2	112.9	115.1	116.8	118.6	121.2	123.5	125.5	126.9	127.8
-70°	91.6	95.4	98.3	100.7	102.6	104.4	106.5	108.4	110.3	111.3	111.7
-72.5°	77.0	80.1	83.0	85.6	87.8	89.6	91.2	92.6	93.7	94.5	94.9
-75°	63.0	65.6	68.0	70.2	72.3	74.0	75.5	76.8	77.8	78.3	78.6
-77.5°	49.6	51.6	53.3	54.9	56.5	58.0	59.4	60.7	61.8	62.0	62.0
-80°	37.0	38.3	39.5	40.5	41.4	42.5	43.5	44.3	45.1	45.5	45.8
-82.5°	25.2	25.9	26.6	27.3	27.8	28.6	29.3	29.9	30.5	30.8	31.2
-85°	14.3	14.6	14.9	15.1	15.3	16.0	16.7	17.3	17.9	17.9	17.8
-87.5°	5.4	5.3	5.2	5.1	5.0	5.3	5.7	6.0	6.4	6.2	6.0
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



REPORT NUMBER: P626707 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA1D-722-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°	5.7	5.5	5.5	5.5	5.5	5.5	5.7	6.0	6.2	6.4	6.0
85°	17.7	17.5	17.0	16.5	17.0	17.5	17.7	17.8	17.9	17.9	17.3
82.5°	31.4	31.6	31.2	30.7	31.2	31.6	31.4	31.2	30.8	30.5	29.9
80°	45.9	45.9	45.5	45.0	45.5	45.9	45.9	45.8	45.5	45.1	44.3
77.5°	61.7	61.2	61.4	61.5	61.4	61.2	61.7	62.0	62.0	61.8	60.7
75°	78.7	78.6	78.4	77.9	78.4	78.6	78.7	78.6	78.3	77.8	76.8
72.5°	95.1	95.1	94.9	94.4	94.9	95.1	95.1	94.9	94.5	93.7	92.6
70°	111.8	111.6	111.9	112.0	111.9	111.6	111.8	111.7	111.3	110.3	108.4
67.5°	128.5	129.0	128.9	128.5	128.9	129.0	128.5	127.8	126.9	125.5	123.5
65°	143.5	144.3	144.7	144.9	144.7	144.3	143.5	142.5	141.3	139.9	138.1
62.5°	158.7	159.6	159.7	159.2	159.7	159.6	158.7	157.5	156.0	154.6	153.1
60°	170.8	170.9	170.7	170.2	170.7	170.9	170.8	170.2	169.3	168.2	166.9
57.5°	180.2	179.9	179.5	179.0	179.5	179.9	180.2	180.2	179.8	179.0	177.9
55°	190.3	189.8	189.3	188.8	189.3	189.8	190.3	190.5	190.2	189.0	187.6
52.5°	203.1	202.8	202.5	202.0	202.5	202.8	203.1	202.9	202.2	200.5	198.4
50°	220.8	221.1	221.1	220.7	221.1	221.1	220.8	219.9	218.0	215.0	211.4
47.5°	248.4	249.8	250.8	251.4	250.8	249.8	248.4	245.7	241.6	236.0	229.4
45°	289.7	292.6	294.7	296.4	294.7	292.6	289.7	284.7	277.0	267.4	256.7
42.5°	353.4	360.0	363.1	362.3	363.1	360.0	353.4	343.8	330.0	313.0	296.3
40°	459.8	470.4	476.2	480.9	476.2	470.4	459.8	441.9	415.1	382.7	357.1
37.5°	646.5	667.0	677.9	687.3	677.9	667.0	646.5	610.7	558.2	495.8	455.2
35°	969.9	1016.2	1041.0	1049.6	1041.0	1016.2	969.9	894.8	794.3	689.1	615.0
32.5°	1488.8	1574.1	1621.3	1657.8	1621.3	1574.1	1488.8	1348.9	1169.0	1002.3	863.3
30°	2131.0	2243.4	2305.8	2336.3	2305.8	2243.4	2131.0	1948.2	1717.3	1483.1	1230.7
27.5°	2789.3	2917.1	2984.4	2980.8	2984.4	2917.1	2789.3	2588.7	2346.6	2056.3	1729.8
25°	3441.2	3589.2	3656.3	3716.3	3656.3	3589.2	3441.2	3212.0	2944.5	2640.6	2289.5
22.5°	4100.6	4273.7	4368.1	4412.4	4368.1	4273.7	4100.6	3844.4	3554.8	3216.5	2841.9
20°	4752.2	4944.8	5045.0	5088.7	5045.0	4944.8	4752.2	4500.7	4174.3	3790.7	3378.3
17.5°	5330.0	5518.1	5613.6	5654.1	5613.6	5518.1	5330.0	5099.2	4758.2	4352.3	3884.4
15°	5791.4	5930.1	6011.4	6032.9	6011.4	5930.1	5791.4	5593.0	5272.5	4856.0	4369.5
12.5°	6110.4	6164.1	6203.1	6215.1	6203.1	6164.1	6110.4	5944.9	5695.4	5283.4	4788.3
10°	6273.4	6249.1	6239.1	6240.4	6239.1	6249.1	6273.4	6152.4	5939.7	5612.0	5152.4
7.5°	6262.1	6226.3	6154.2	6142.7	6154.2	6226.3	6262.1	6233.9	6085.9	5812.2	5388.3
5°	6172.2	6106.9	5987.2	5952.7	5987.2	6106.9	6172.2	6183.3	6109.0	5905.7	5539.4
2.5°	6067.3	5949.5	5839.3	5768.3	5839.3	5949.5	6067.3	6116.3	6103.6	5968.8	5658.0
0°	6036.2	5900.0	5757.3	5711.2	5757.3	5900.0	6036.2	6101.0	6103.2	5992.3	5706.8
-2.5°	6067.3	5949.5	5839.3	5768.3	5839.3	5949.5	6067.3	6116.3	6103.6	5968.8	5658.0
-5°	6172.2	6106.9	5987.2	5952.7	5987.2	6106.9	6172.2	6183.3	6109.0	5905.7	5539.4
-7.5°	6262.1	6226.3	6154.2	6142.7	6154.2	6226.3	6262.1	6233.9	6085.9	5812.2	5388.3
-10°	6273.4	6249.1	6239.1	6240.4	6239.1	6249.1	6273.4	6152.4	5939.7	5612.0	5152.4
-12.5°	6110.4	6164.1	6203.1	6215.1	6203.1	6164.1	6110.4	5944.9	5695.4	5283.4	4788.3
-15°	5791.4	5930.1	6011.4	6032.9	6011.4	5930.1	5791.4	5593.0	5272.5	4856.0	4369.5
-17.5°	5330.0	5518.1	5613.6	5654.1	5613.6	5518.1	5330.0	5099.2	4758.2	4352.3	3884.4
-20°	4752.2	4944.8	5045.0	5088.7	5045.0	4944.8	4752.2	4500.7	4174.3	3790.7	3378.3



REPORT NUMBER: P626707 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA1D-722-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°	4100.6	4273.7	4368.1	4412.4	4368.1	4273.7	4100.6	3844.4	3554.8	3216.5	2841.9
-25°	3441.2	3589.2	3656.3	3716.3	3656.3	3589.2	3441.2	3212.0	2944.5	2640.6	2289.5
-27.5°	2789.3	2917.1	2984.4	2980.8	2984.4	2917.1	2789.3	2588.7	2346.6	2056.3	1729.8
-30°	2131.0	2243.4	2305.8	2336.3	2305.8	2243.4	2131.0	1948.2	1717.3	1483.1	1230.7
-32.5°	1488.8	1574.1	1621.3	1657.8	1621.3	1574.1	1488.8	1348.9	1169.0	1002.3	863.3
-35°	969.9	1016.2	1041.0	1049.6	1041.0	1016.2	969.9	894.8	794.3	689.1	615.0
-37.5°	646.5	667.0	677.9	687.3	677.9	667.0	646.5	610.7	558.2	495.8	455.2
-40°	459.8	470.4	476.2	480.9	476.2	470.4	459.8	441.9	415.1	382.7	357.1
-42.5°	353.4	360.0	363.1	362.3	363.1	360.0	353.4	343.8	330.0	313.0	296.3
-45°	289.7	292.6	294.7	296.4	294.7	292.6	289.7	284.7	277.0	267.4	256.7
-47.5°	248.4	249.8	250.8	251.4	250.8	249.8	248.4	245.7	241.6	236.0	229.4
-50°	220.8	221.1	221.1	220.7	221.1	221.1	220.8	219.9	218.0	215.0	211.4
-52.5°	203.1	202.8	202.5	202.0	202.5	202.8	203.1	202.9	202.2	200.5	198.4
-55°	190.3	189.8	189.3	188.8	189.3	189.8	190.3	190.5	190.2	189.0	187.6
-57.5°	180.2	179.9	179.5	179.0	179.5	179.9	180.2	180.2	179.8	179.0	177.9
-60°	170.8	170.9	170.7	170.2	170.7	170.9	170.8	170.2	169.3	168.2	166.9
-62.5°	158.7	159.6	159.7	159.2	159.7	159.6	158.7	157.5	156.0	154.6	153.1
-65°	143.5	144.3	144.7	144.9	144.7	144.3	143.5	142.5	141.3	139.9	138.1
-67.5°	128.5	129.0	128.9	128.5	128.9	129.0	128.5	127.8	126.9	125.5	123.5
-70°	111.8	111.6	111.9	112.0	111.9	111.6	111.8	111.7	111.3	110.3	108.4
-72.5°	95.1	95.1	94.9	94.4	94.9	95.1	95.1	94.9	94.5	93.7	92.6
-75°	78.7	78.6	78.4	77.9	78.4	78.6	78.7	78.6	78.3	77.8	76.8
-77.5°	61.7	61.2	61.4	61.5	61.4	61.2	61.7	62.0	62.0	61.8	60.7
-80°	45.9	45.9	45.5	45.0	45.5	45.9	45.9	45.8	45.5	45.1	44.3
-82.5°	31.4	31.6	31.2	30.7	31.2	31.6	31.4	31.2	30.8	30.5	29.9
-85°	17.7	17.5	17.0	16.5	17.0	17.5	17.7	17.8	17.9	17.9	17.3
-87.5°	5.7	5.5	5.5	5.5	5.5	5.5	5.7	6.0	6.2	6.4	6.0
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



REPORT NUMBER: P626707 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA1D-722-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°	5.7	5.3	5.0	5.1	5.2	5.3	5.4	5.2	5.1	4.9	4.7
85°	16.7	16.0	15.3	15.1	14.9	14.6	14.3	13.7	13.0	12.3	11.6
82.5°	29.3	28.6	27.8	27.3	26.6	25.9	25.2	23.9	22.7	21.5	20.2
80°	43.5	42.5	41.4	40.5	39.5	38.3	37.0	35.2	33.2	31.3	29.5
77.5°	59.4	58.0	56.5	54.9	53.3	51.6	49.6	47.3	44.9	42.4	39.8
75°	75.5	74.0	72.3	70.2	68.0	65.6	63.0	60.1	57.1	54.0	50.8
72.5°	91.2	89.6	87.8	85.6	83.0	80.1	77.0	73.5	69.8	66.0	62.2
70°	106.5	104.4	102.6	100.7	98.3	95.4	91.6	87.4	83.0	78.5	74.2
67.5°	121.2	118.6	116.8	115.1	112.9	110.2	106.3	101.8	96.8	91.6	86.4
65°	135.8	133.0	131.2	129.6	127.5	124.8	120.7	116.1	110.9	105.1	99.1
62.5°	151.1	148.8	146.8	144.5	142.0	139.0	134.9	130.1	124.8	118.7	111.8
60°	165.5	163.7	160.6	157.8	155.2	152.1	147.2	142.5	138.2	131.3	123.8
57.5°	176.6	174.6	171.7	168.7	165.7	161.6	157.2	152.8	147.8	141.9	135.0
55°	185.8	183.5	180.9	178.0	174.7	170.2	165.7	161.0	156.1	151.2	144.4
52.5°	196.0	193.5	190.3	186.4	182.6	178.3	173.2	168.2	163.7	158.7	153.1
50°	208.0	205.0	201.4	197.3	192.2	186.6	181.4	175.6	170.9	166.0	160.3
47.5°	224.3	219.3	213.9	209.1	202.8	196.1	190.0	184.0	178.4	173.2	167.4
45°	248.6	239.3	229.2	222.5	214.5	206.9	199.0	192.3	185.8	179.9	174.5
42.5°	283.6	268.7	255.0	241.6	228.8	219.5	209.7	201.3	193.5	186.5	180.1
40°	334.2	308.5	289.5	268.4	251.2	234.8	222.3	210.9	201.9	193.5	185.8
37.5°	410.5	368.0	336.5	303.5	279.6	256.7	237.5	222.7	210.5	200.8	191.7
35°	528.6	462.3	403.3	356.6	314.2	284.1	257.2	236.5	220.9	208.2	197.6
32.5°	713.1	608.0	500.8	431.8	366.4	317.2	282.6	254.0	232.0	216.9	204.2
30°	1000.2	814.9	657.1	528.4	438.6	363.5	310.9	275.9	247.7	225.7	210.9
27.5°	1416.8	1092.1	871.4	670.8	525.9	427.3	351.9	299.4	264.3	238.0	218.6
25°	1903.2	1514.5	1136.6	865.2	651.9	499.4	399.8	332.3	284.8	250.9	225.3
22.5°	2415.8	1960.0	1507.0	1084.5	808.2	604.8	461.5	365.4	304.2	264.5	235.1
20°	2924.4	2409.7	1893.7	1410.4	998.4	708.1	528.7	409.4	331.3	279.9	244.3
17.5°	3391.8	2851.1	2285.7	1727.1	1232.8	865.1	613.9	453.8	354.9	293.5	252.3
15°	3834.5	3263.7	2667.2	2063.0	1483.3	1003.4	686.6	492.5	379.4	309.3	262.8
12.5°	4235.4	3634.1	3006.6	2351.7	1705.7	1158.4	783.4	549.6	409.6	325.8	272.7
10°	4585.3	3943.3	3274.7	2594.3	1920.6	1318.9	875.0	598.3	435.7	339.4	280.8
7.5°	4836.6	4186.8	3487.7	2790.4	2095.4	1456.7	952.8	636.8	456.2	349.9	287.1
5°	5021.4	4376.6	3665.2	2949.8	2225.2	1559.8	1011.0	663.9	470.9	357.1	291.4
2.5°	5148.2	4496.8	3784.1	3054.4	2300.5	1620.3	1048.0	678.5	477.8	362.7	293.8
0°	5184.2	4531.0	3814.1	3109.2	2312.2	1628.2	1062.8	680.7	477.6	365.6	294.2
-2.5°	5148.2	4496.8	3784.1	3054.4	2300.5	1620.3	1048.0	678.5	477.8	362.7	293.8
-5°	5021.4	4376.6	3665.2	2949.8	2225.2	1559.8	1011.0	663.9	470.9	357.1	291.4
-7.5°	4836.6	4186.8	3487.7	2790.4	2095.4	1456.7	952.8	636.8	456.2	349.9	287.1
-10°	4585.3	3943.3	3274.7	2594.3	1920.6	1318.9	875.0	598.3	435.7	339.4	280.8
-12.5°	4235.4	3634.1	3006.6	2351.7	1705.7	1158.4	783.4	549.6	409.6	325.8	272.7
-15°	3834.5	3263.7	2667.2	2063.0	1483.3	1003.4	686.6	492.5	379.4	309.3	262.8
-17.5°	3391.8	2851.1	2285.7	1727.1	1232.8	865.1	613.9	453.8	354.9	293.5	252.3
-20°	2924.4	2409.7	1893.7	1410.4	998.4	708.1	528.7	409.4	331.3	279.9	244.3

Classified

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

Scaled Data Report



REPORT NUMBER: P626707 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA1D-722-U-MWR-XX

CANDELA DISTRIBUTION (continued):

	20°	22.5°	25°	27.5°	30°	32.5°	35°	37.5°	40°	42.5°	45°
-22.5°	2415.8	1960.0	1507.0	1084.5	808.2	604.8	461.5	365.4	304.2	264.5	235.1
-25°	1903.2	1514.5	1136.6	865.2	651.9	499.4	399.8	332.3	284.8	250.9	225.3
-27.5°	1416.8	1092.1	871.4	670.8	525.9	427.3	351.9	299.4	264.3	238.0	218.6
-30°	1000.2	814.9	657.1	528.4	438.6	363.5	310.9	275.9	247.7	225.7	210.9
-32.5°	713.1	608.0	500.8	431.8	366.4	317.2	282.6	254.0	232.0	216.9	204.2
-35°	528.6	462.3	403.3	356.6	314.2	284.1	257.2	236.5	220.9	208.2	197.6
-37.5°	410.5	368.0	336.5	303.5	279.6	256.7	237.5	222.7	210.5	200.8	191.7
-40°	334.2	308.5	289.5	268.4	251.2	234.8	222.3	210.9	201.9	193.5	185.8
-42.5°	283.6	268.7	255.0	241.6	228.8	219.5	209.7	201.3	193.5	186.5	180.1
-45°	248.6	239.3	229.2	222.5	214.5	206.9	199.0	192.3	185.8	179.9	174.5
-47.5°	224.3	219.3	213.9	209.1	202.8	196.1	190.0	184.0	178.4	173.2	167.4
-50°	208.0	205.0	201.4	197.3	192.2	186.6	181.4	175.6	170.9	166.0	160.3
-52.5°	196.0	193.5	190.3	186.4	182.6	178.3	173.2	168.2	163.7	158.7	153.1
-55°	185.8	183.5	180.9	178.0	174.7	170.2	165.7	161.0	156.1	151.2	144.4
-57.5°	176.6	174.6	171.7	168.7	165.7	161.6	157.2	152.8	147.8	141.9	135.0
-60°	165.5	163.7	160.6	157.8	155.2	152.1	147.2	142.5	138.2	131.3	123.8
-62.5°	151.1	148.8	146.8	144.5	142.0	139.0	134.9	130.1	124.8	118.7	111.8
-65°	135.8	133.0	131.2	129.6	127.5	124.8	120.7	116.1	110.9	105.1	99.1
-67.5°	121.2	118.6	116.8	115.1	112.9	110.2	106.3	101.8	96.8	91.6	86.4
-70°	106.5	104.4	102.6	100.7	98.3	95.4	91.6	87.4	83.0	78.5	74.2
-72.5°	91.2	89.6	87.8	85.6	83.0	80.1	77.0	73.5	69.8	66.0	62.2
-75°	75.5	74.0	72.3	70.2	68.0	65.6	63.0	60.1	57.1	54.0	50.8
-77.5°	59.4	58.0	56.5	54.9	53.3	51.6	49.6	47.3	44.9	42.4	39.8
-80°	43.5	42.5	41.4	40.5	39.5	38.3	37.0	35.2	33.2	31.3	29.5
-82.5°	29.3	28.6	27.8	27.3	26.6	25.9	25.2	23.9	22.7	21.5	20.2
-85°	16.7	16.0	15.3	15.1	14.9	14.6	14.3	13.7	13.0	12.3	11.6
-87.5°	5.7	5.3	5.0	5.1	5.2	5.3	5.4	5.2	5.1	4.9	4.7
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



REPORT NUMBER: P626707 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA1D-722-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°	4.5	4.2	4.0	3.8	3.5	3.3	3.0	2.8	2.4	2.1	1.7
85°	10.8	10.0	9.2	8.4	7.5	6.6	6.1	5.6	4.8	4.1	3.5
82.5°	19.0	17.8	16.6	15.3	13.8	12.3	10.9	9.5	7.9	6.3	5.2
80°	27.8	26.1	24.3	22.4	20.3	18.0	16.0	14.1	12.2	10.2	8.1
77.5°	37.4	34.9	32.2	29.9	27.4	24.7	21.9	19.0	16.5	14.1	11.6
75°	47.7	44.6	41.4	38.2	34.8	31.4	28.2	24.9	21.5	18.0	15.1
72.5°	58.6	54.8	50.8	46.8	42.9	38.9	34.8	30.7	26.7	22.7	18.7
70°	69.7	65.1	60.5	56.0	51.2	46.3	41.6	36.7	31.9	27.4	22.7
67.5°	81.1	75.9	70.5	65.2	59.9	54.3	48.4	42.8	37.3	31.9	26.7
65°	93.1	86.9	80.6	74.5	68.5	62.4	56.0	49.0	42.6	36.6	30.7
62.5°	104.9	98.1	91.0	83.8	76.9	70.2	63.4	55.6	47.9	41.1	34.6
60°	116.4	108.8	101.1	93.1	85.3	77.7	70.2	62.1	53.6	45.5	38.4
57.5°	126.8	118.9	110.4	101.9	93.5	85.1	76.7	68.1	59.2	50.3	42.1
55°	136.6	128.0	119.1	110.0	101.1	92.2	83.1	73.9	64.6	55.0	45.7
52.5°	145.9	136.9	127.4	117.8	108.2	99.0	89.4	79.6	69.7	59.6	49.7
50°	154.0	145.5	135.5	125.3	114.9	105.2	95.4	85.1	74.6	64.0	53.6
47.5°	160.8	153.0	143.3	132.6	121.6	111.3	101.1	90.4	79.3	68.2	57.3
45°	167.4	159.9	150.5	139.5	128.3	117.4	106.6	95.5	83.9	72.3	60.9
42.5°	173.7	166.1	157.4	146.2	134.7	123.2	111.9	100.3	88.3	76.2	64.3
40°	178.9	171.6	163.8	152.7	140.6	128.7	116.9	104.9	92.5	79.9	67.5
37.5°	184.0	176.5	168.6	158.8	146.2	133.9	121.6	109.4	96.5	83.5	70.5
35°	189.0	181.2	172.8	163.6	151.5	138.6	126.0	113.6	100.3	86.9	73.3
32.5°	193.5	185.5	176.7	167.4	156.3	143.1	130.1	117.2	103.9	90.1	75.9
30°	198.8	189.1	180.2	171.2	160.4	147.2	133.9	120.6	107.1	93.1	78.4
27.5°	203.9	192.5	183.4	174.3	163.7	150.9	137.3	123.8	110.1	95.9	80.8
25°	208.8	196.4	186.3	176.9	166.8	154.4	140.5	126.7	112.7	98.3	83.1
22.5°	214.5	200.0	189.1	179.2	169.8	157.6	143.4	129.3	115.0	100.5	85.1
20°	219.5	203.0	191.6	181.4	172.0	160.0	146.0	131.6	117.1	102.4	87.0
17.5°	224.4	206.3	194.0	183.4	173.7	162.1	148.3	133.6	118.9	104.1	88.6
15°	231.2	210.2	196.2	185.1	175.1	164.0	150.3	135.4	120.5	105.5	90.1
12.5°	237.1	213.4	198.0	186.6	176.2	165.4	151.9	136.8	121.8	106.8	91.4
10°	241.8	216.0	199.4	187.7	177.1	166.6	153.2	138.0	123.0	107.9	92.5
7.5°	245.4	217.9	200.3	188.5	177.7	167.5	154.3	139.1	124.0	108.7	93.3
5°	247.8	219.2	201.2	188.9	178.0	168.0	155.2	139.9	124.6	109.3	93.9
2.5°	249.1	219.7	201.8	189.0	178.1	168.2	155.7	140.3	125.1	109.7	94.3
0°	249.2	219.6	202.0	188.8	177.9	168.0	155.9	140.5	125.2	109.8	94.4
-2.5°	249.1	219.7	201.8	189.0	178.1	168.2	155.7	140.3	125.1	109.7	94.3
-5°	247.8	219.2	201.2	188.9	178.0	168.0	155.2	139.9	124.6	109.3	93.9
-7.5°	245.4	217.9	200.3	188.5	177.7	167.5	154.3	139.1	124.0	108.7	93.3
-10°	241.8	216.0	199.4	187.7	177.1	166.6	153.2	138.0	123.0	107.9	92.5
-12.5°	237.1	213.4	198.0	186.6	176.2	165.4	151.9	136.8	121.8	106.8	91.4
-15°	231.2	210.2	196.2	185.1	175.1	164.0	150.3	135.4	120.5	105.5	90.1
-17.5°	224.4	206.3	194.0	183.4	173.7	162.1	148.3	133.6	118.9	104.1	88.6
-20°	219.5	203.0	191.6	181.4	172.0	160.0	146.0	131.6	117.1	102.4	87.0

Classified

Cooper Lighting Solutions Photometric Lab
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Scaled Data Report



REPORT NUMBER: P626707 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA1D-722-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°	214.5	200.0	189.1	179.2	169.8	157.6	143.4	129.3	115.0	100.5	85.1
-25°	208.8	196.4	186.3	176.9	166.8	154.4	140.5	126.7	112.7	98.3	83.1
-27.5°	203.9	192.5	183.4	174.3	163.7	150.9	137.3	123.8	110.1	95.9	80.8
-30°	198.8	189.1	180.2	171.2	160.4	147.2	133.9	120.6	107.1	93.1	78.4
-32.5°	193.5	185.5	176.7	167.4	156.3	143.1	130.1	117.2	103.9	90.1	75.9
-35°	189.0	181.2	172.8	163.6	151.5	138.6	126.0	113.6	100.3	86.9	73.3
-37.5°	184.0	176.5	168.6	158.8	146.2	133.9	121.6	109.4	96.5	83.5	70.5
-40°	178.9	171.6	163.8	152.7	140.6	128.7	116.9	104.9	92.5	79.9	67.5
-42.5°	173.7	166.1	157.4	146.2	134.7	123.2	111.9	100.3	88.3	76.2	64.3
-45°	167.4	159.9	150.5	139.5	128.3	117.4	106.6	95.5	83.9	72.3	60.9
-47.5°	160.8	153.0	143.3	132.6	121.6	111.3	101.1	90.4	79.3	68.2	57.3
-50°	154.0	145.5	135.5	125.3	114.9	105.2	95.4	85.1	74.6	64.0	53.6
-52.5°	145.9	136.9	127.4	117.8	108.2	99.0	89.4	79.6	69.7	59.6	49.7
-55°	136.6	128.0	119.1	110.0	101.1	92.2	83.1	73.9	64.6	55.0	45.7
-57.5°	126.8	118.9	110.4	101.9	93.5	85.1	76.7	68.1	59.2	50.3	42.1
-60°	116.4	108.8	101.1	93.1	85.3	77.7	70.2	62.1	53.6	45.5	38.4
-62.5°	104.9	98.1	91.0	83.8	76.9	70.2	63.4	55.6	47.9	41.1	34.6
-65°	93.1	86.9	80.6	74.5	68.5	62.4	56.0	49.0	42.6	36.6	30.7
-67.5°	81.1	75.9	70.5	65.2	59.9	54.3	48.4	42.8	37.3	31.9	26.7
-70°	69.7	65.1	60.5	56.0	51.2	46.3	41.6	36.7	31.9	27.4	22.7
-72.5°	58.6	54.8	50.8	46.8	42.9	38.9	34.8	30.7	26.7	22.7	18.7
-75°	47.7	44.6	41.4	38.2	34.8	31.4	28.2	24.9	21.5	18.0	15.1
-77.5°	37.4	34.9	32.2	29.9	27.4	24.7	21.9	19.0	16.5	14.1	11.6
-80°	27.8	26.1	24.3	22.4	20.3	18.0	16.0	14.1	12.2	10.2	8.1
-82.5°	19.0	17.8	16.6	15.3	13.8	12.3	10.9	9.5	7.9	6.3	5.2
-85°	10.8	10.0	9.2	8.4	7.5	6.6	6.1	5.6	4.8	4.1	3.5
-87.5°	4.5	4.2	4.0	3.8	3.5	3.3	3.0	2.8	2.4	2.1	1.7
-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: P626707 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA1D-722-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°	2.8	2.4	1.9	1.4	1.0	0.5	0.0
82.5°	4.3	3.6	2.9	2.1	1.4	0.7	0.0
80°	5.9	4.7	3.8	2.9	1.9	1.0	0.0
77.5°	8.9	6.4	4.7	3.6	2.4	1.2	0.0
75°	12.0	8.9	5.9	4.3	2.8	1.4	0.0
72.5°	15.0	11.5	7.9	4.9	3.3	1.7	0.0
70°	18.0	13.9	9.9	5.8	3.8	1.9	0.0
67.5°	21.5	16.4	11.8	7.3	4.2	2.1	0.0
65°	24.8	19.0	13.8	8.7	4.6	2.3	0.0
62.5°	28.1	21.7	15.7	10.1	5.1	2.5	0.0
60°	31.2	24.3	17.5	11.5	5.5	2.7	0.0
57.5°	34.4	26.8	19.5	12.9	6.4	3.0	0.0
55°	37.6	29.3	21.5	14.2	7.2	3.2	0.0
52.5°	40.6	31.7	23.3	15.5	8.1	3.3	0.0
50°	43.6	34.2	25.1	16.7	8.9	3.5	0.0
47.5°	46.6	36.6	26.9	17.9	9.6	3.7	0.0
45°	49.6	38.9	28.5	19.2	10.4	3.9	0.0
42.5°	52.5	41.2	30.1	20.3	11.1	4.1	0.0
40°	55.2	43.4	31.7	21.4	11.7	4.2	0.0
37.5°	57.8	45.4	33.4	22.5	12.3	4.4	0.0
35°	60.3	47.4	34.9	23.4	12.9	4.5	0.0
32.5°	62.5	49.3	36.4	24.3	13.5	4.6	0.0
30°	64.6	51.1	37.8	25.1	13.9	4.8	0.0
27.5°	66.5	52.7	39.0	25.9	14.4	4.9	0.0
25°	68.3	54.2	40.1	26.6	14.8	5.0	0.0
22.5°	69.9	55.5	41.1	27.2	15.2	5.1	0.0
20°	71.2	56.6	42.0	27.8	15.5	5.2	0.0
17.5°	72.5	57.6	42.8	28.3	15.8	5.2	0.0
15°	73.6	58.5	43.5	28.7	16.0	5.3	0.0
12.5°	74.6	59.2	44.0	29.0	16.2	5.4	0.0
10°	75.4	59.7	44.4	29.3	16.4	5.4	0.0
7.5°	76.1	60.1	44.8	29.5	16.5	5.5	0.0
5°	76.5	60.3	45.0	29.6	16.5	5.5	0.0
2.5°	76.8	60.4	45.0	29.6	16.5	5.5	0.0
0°	76.9	60.4	45.0	29.6	16.5	5.5	0.0
-2.5°	76.8	60.4	45.0	29.6	16.5	5.5	0.0
-5°	76.5	60.3	45.0	29.6	16.5	5.5	0.0
-7.5°	76.1	60.1	44.8	29.5	16.5	5.5	0.0
-10°	75.4	59.7	44.4	29.3	16.4	5.4	0.0
-12.5°	74.6	59.2	44.0	29.0	16.2	5.4	0.0
-15°	73.6	58.5	43.5	28.7	16.0	5.3	0.0
-17.5°	72.5	57.6	42.8	28.3	15.8	5.2	0.0
-20°	71.2	56.6	42.0	27.8	15.5	5.2	0.0

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CATALOG NUMBER: GFLD-SA1D-722-U-MWR-XX

CANDELA DISTRIBUTION (continued):

	75°	77.5°	80°	82.5°	85°	87.5°	90°
-22.5°	69.9	55.5	41.1	27.2	15.2	5.1	0.0
-25°	68.3	54.2	40.1	26.6	14.8	5.0	0.0
-27.5°	66.5	52.7	39.0	25.9	14.4	4.9	0.0
-30°	64.6	51.1	37.8	25.1	13.9	4.8	0.0
-32.5°	62.5	49.3	36.4	24.3	13.5	4.6	0.0
-35°	60.3	47.4	34.9	23.4	12.9	4.5	0.0
-37.5°	57.8	45.4	33.4	22.5	12.3	4.4	0.0
-40°	55.2	43.4	31.7	21.4	11.7	4.2	0.0
-42.5°	52.5	41.2	30.1	20.3	11.1	4.1	0.0
-45°	49.6	38.9	28.5	19.2	10.4	3.9	0.0
-47.5°	46.6	36.6	26.9	17.9	9.6	3.7	0.0
-50°	43.6	34.2	25.1	16.7	8.9	3.5	0.0
-52.5°	40.6	31.7	23.3	15.5	8.1	3.3	0.0
-55°	37.6	29.3	21.5	14.2	7.2	3.2	0.0
-57.5°	34.4	26.8	19.5	12.9	6.4	3.0	0.0
-60°	31.2	24.3	17.5	11.5	5.5	2.7	0.0
-62.5°	28.1	21.7	15.7	10.1	5.1	2.5	0.0
-65°	24.8	19.0	13.8	8.7	4.6	2.3	0.0
-67.5°	21.5	16.4	11.8	7.3	4.2	2.1	0.0
-70°	18.0	13.9	9.9	5.8	3.8	1.9	0.0
-72.5°	15.0	11.5	7.9	4.9	3.3	1.7	0.0
-75°	12.0	8.9	5.9	4.3	2.8	1.4	0.0
-77.5°	8.9	6.4	4.7	3.6	2.4	1.2	0.0
-80°	5.9	4.7	3.8	2.9	1.9	1.0	0.0
-82.5°	4.3	3.6	2.9	2.1	1.4	0.7	0.0
-85°	2.8	2.4	1.9	1.4	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)