

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: P626985 (CONVERTED FROM TYPE C PHOTOMETRY)

Luminaire Tested: **GFLD-SA2D-740-U-MR-XX**

Issue Date: 12/7/2022

Test Information

Test Method: LM-79-08
Report Number: P626985 (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-SA2D-740-U-MR-XX
Description: GALLEON FLOOD, TWO LIGHT SQAURE, MEDIUM SYMMETRICAL ROUND N52
Light Source: (32) 4000K CCT, 70 CRI LEDS
Ballast/Driver: -

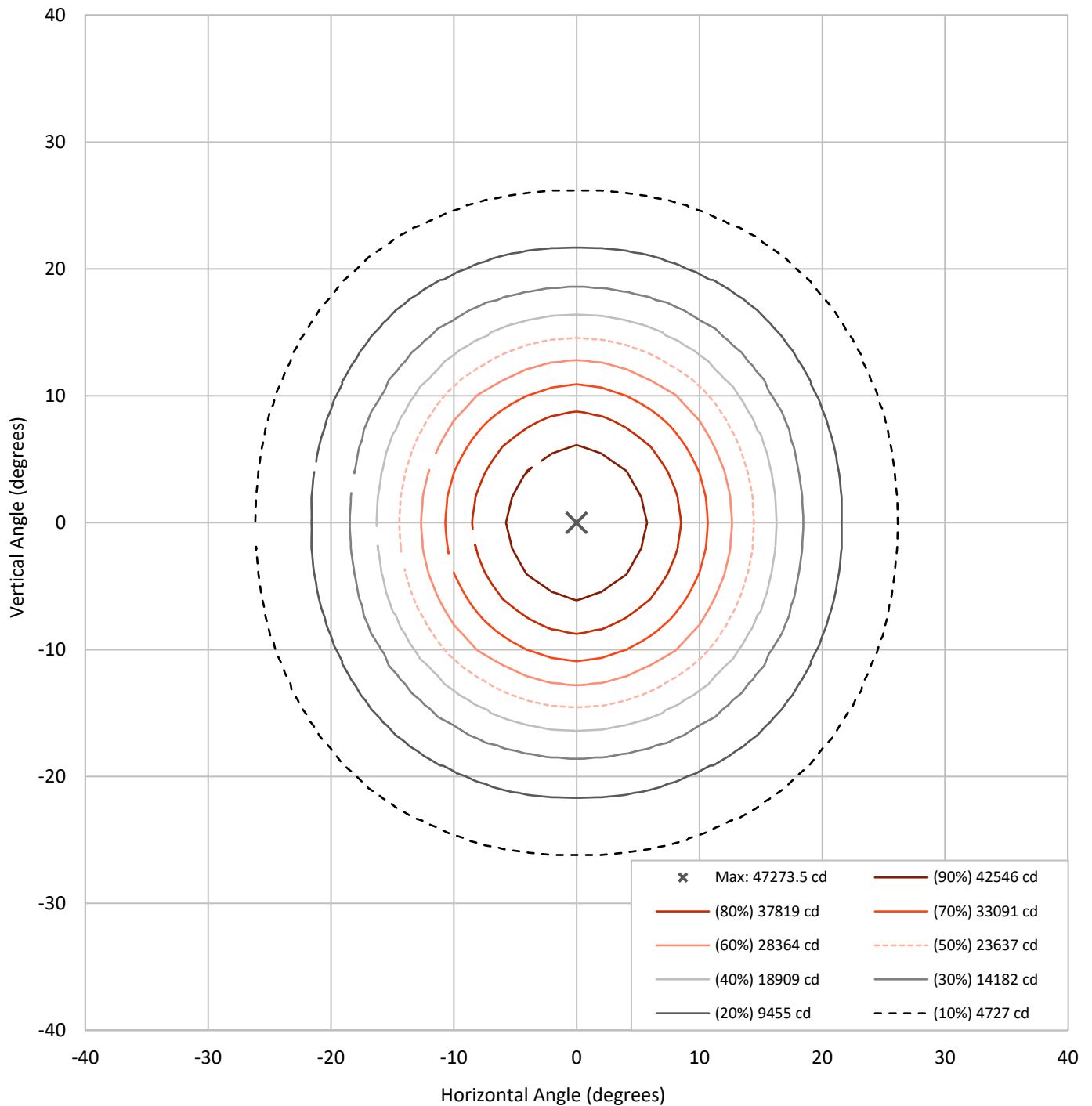
Summary

Lumens per Lamp:	N/A	NEMA Type:	4H x 4V
Luminaire Lumens:	14769.8 lumens	Max Intensity:	47273.5 candela
Efficiency:	N/A	Max Intensity Angle:	0°H x 0°V
Efficacy:	135.9 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:	7180.9 lumens	Field Lumens:	12118.4 lumens
Beam Efficiency:	48.6%	Field Efficiency:	82.0%
Input Watts (W):	108.7		
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





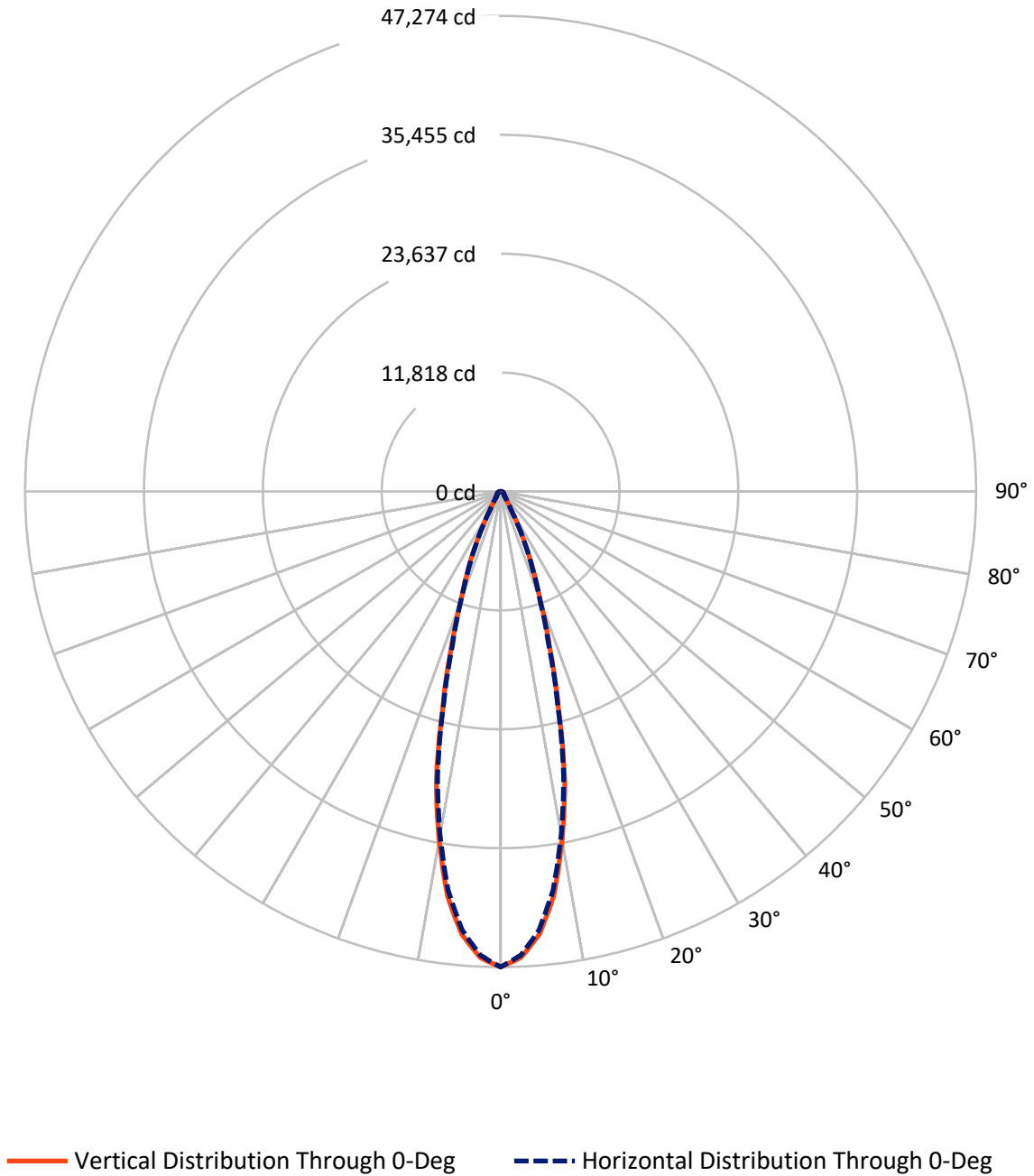
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Lumen Table

90																			
80	0.3	2.4		6.4		10.1		11.3		10.1		6.4		2.4		0.3			
70																			
60	1.1	1.3	2.6	4.2	5.8	7.1	8.0	8.4	8.4	8.0	7.1	5.8	4.2	2.6	1.3	1.1			
50		1.9	3.8	6.2	8.3	10.2	11.4	11.8	11.8	11.4	10.2	8.3	6.2	3.8	1.9				
40	1.9	2.4	4.9	7.6	10.1	12.8	15.0	16.2	16.2	15.0	12.8	10.1	7.6	4.9	2.4	1.9			
30		2.9	5.7	8.8	12.4	17.7	25.6	33.3	33.3	25.6	17.7	12.4	8.8	5.7	2.9				
20	2.5	3.2	6.3	9.9	15.9	34.5	97.2	172.4	172.4	97.2	34.5	15.9	9.9	6.3	3.2	2.5			
10		3.4	6.6	10.7	21.6	90.7	323.1	619.1	619.1	323.1	90.7	21.6	10.7	6.6	3.4				
0	2.7	3.6	6.7	11.3	27.5	156.5	598.0	1176.3	1176.3	598.0	156.5	27.5	11.3	6.7	3.6	2.7			
-10		3.6	6.7	11.3	27.5	156.5	598.0	1176.3	1176.3	598.0	156.5	27.5	11.3	6.7	3.6				
-20	2.5	3.4	6.6	10.7	21.6	90.7	323.1	619.1	619.1	323.1	90.7	21.6	10.7	6.6	3.4	2.5			
-30		3.2	6.3	9.9	15.9	34.5	97.2	172.4	172.4	97.2	34.5	15.9	9.9	6.3	3.2				
-40	1.9	2.9	5.7	8.8	12.4	17.7	25.6	33.3	33.3	25.6	17.7	12.4	8.8	5.7	2.9	1.9			
-50		2.4	4.9	7.6	10.1	12.8	15.0	16.2	16.2	15.0	12.8	10.1	7.6	4.9	2.4				
-60	1.1	1.9	3.8	6.2	8.3	10.2	11.4	11.8	11.8	11.4	10.2	8.3	6.2	3.8	1.9	1.1			
-70		1.3	2.6	4.2	5.8	7.1	8.0	8.4	8.4	8.0	7.1	5.8	4.2	2.6	1.3				
-80																			
-90	0.3	2.4		6.4		10.1		11.3		10.1		6.4		2.4		0.3			
	-90	-80	-70	-60	-50	-40	-30	-20	-10	0	10	20	30	40	50	60	70	80	90

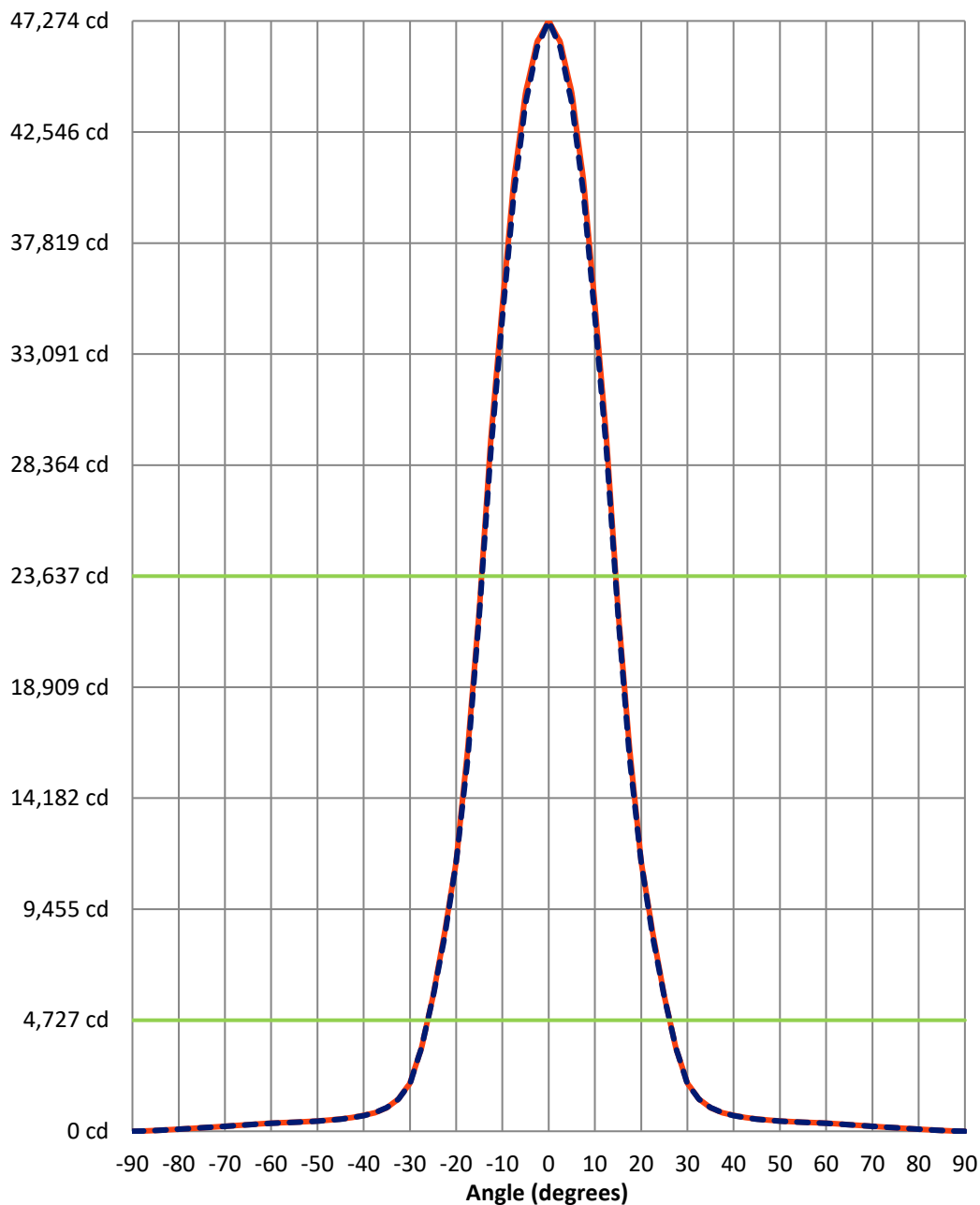
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Luminous Intensity Polar Plot



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Luminous Intensity Plot



Beam:
 H Angle: 28.8°
 V Angle: 29°
 Lumens: 7180.9
 Efficiency: 48.6%

Field:
 H Angle: 52.3°
 V Angle: 52.3°
 Lumens: 12118.4
 Efficiency: 82.0%

Spill:
 Lumens: 2651.4
 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	0.5	1.1	1.6	2.1	2.6	3.1	3.6	4.1	4.6	5.1
85°	0.0	1.1	2.1	3.2	4.2	5.2	6.3	7.3	8.3	9.3	10.2
82.5°	0.0	1.6	3.2	4.7	6.3	7.8	9.4	10.9	12.6	15.5	18.5
80°	0.0	2.1	4.2	6.3	8.4	10.4	12.7	16.4	20.3	24.4	28.6
77.5°	0.0	2.6	5.2	7.8	10.4	13.7	18.2	22.9	27.9	33.2	39.0
75°	0.0	3.1	6.3	9.4	12.7	18.2	23.5	29.3	35.6	42.9	50.1
72.5°	0.0	3.6	7.3	10.9	16.3	22.6	28.8	36.0	44.5	52.9	61.2
70°	0.0	4.1	8.3	12.6	19.8	27.0	34.3	43.7	53.3	62.8	73.2
67.5°	0.0	4.6	9.3	15.2	23.3	31.3	40.9	51.3	62.0	73.7	85.2
65°	0.0	5.1	10.2	17.7	26.7	36.1	47.4	58.8	71.5	84.3	97.2
62.5°	0.0	5.6	11.2	20.2	30.0	41.4	53.8	66.7	80.8	94.9	109.6
60°	0.0	6.0	12.1	22.7	33.2	46.6	60.0	74.7	89.9	105.6	121.7
57.5°	0.0	6.5	13.7	25.1	37.3	51.7	66.5	82.5	98.9	115.9	133.6
55°	0.0	6.9	15.2	27.4	41.2	56.7	72.9	90.0	107.7	126.0	145.4
52.5°	0.0	7.4	16.7	29.6	45.1	61.5	79.1	97.4	116.1	136.3	156.8
50°	0.0	7.8	18.2	31.8	48.8	66.4	85.0	104.5	124.4	146.2	167.3
47.5°	0.0	8.2	19.6	34.0	52.4	71.1	90.7	111.3	132.9	155.8	177.2
45°	0.0	8.6	20.9	36.6	55.8	75.5	96.3	117.9	141.1	164.2	186.7
42.5°	0.0	8.9	22.2	39.1	59.1	79.8	101.7	124.5	148.9	172.1	195.3
40°	0.0	9.3	23.4	41.4	62.3	83.8	106.9	130.9	156.0	179.6	203.5
37.5°	0.0	9.6	24.6	43.6	65.3	87.5	111.7	136.9	162.3	186.7	211.2
35°	0.0	9.9	25.7	45.6	68.2	91.2	116.3	142.4	168.2	193.4	218.5
32.5°	0.0	10.2	26.7	47.5	70.8	94.8	120.6	147.6	173.8	199.7	225.6
30°	0.0	10.5	27.7	49.2	73.3	98.1	124.8	152.3	179.0	205.6	232.1
27.5°	0.0	10.7	28.6	50.8	75.5	101.2	128.5	156.4	183.7	211.0	238.2
25°	0.0	11.0	29.4	52.2	77.5	104.0	131.9	160.2	188.1	215.9	243.7
22.5°	0.0	11.2	30.1	53.5	79.4	106.5	134.9	163.5	192.0	220.4	249.3
20°	0.0	11.4	30.8	54.5	81.1	108.8	137.6	166.5	195.4	224.3	254.2
17.5°	0.0	11.5	31.4	55.5	82.7	110.6	140.0	169.1	198.5	227.7	258.5
15°	0.0	11.7	31.9	56.3	84.0	112.2	142.2	171.6	201.0	230.6	262.1
12.5°	0.0	11.8	32.4	56.9	85.2	113.5	144.1	173.8	203.4	233.0	265.1
10°	0.0	11.9	32.8	57.3	86.2	114.4	145.7	175.7	205.6	235.8	267.9
7.5°	0.0	12.0	33.0	57.6	87.0	115.1	147.0	177.1	207.2	238.3	271.0
5°	0.0	12.1	33.2	57.8	87.5	115.4	147.9	178.2	208.4	240.4	273.3
2.5°	0.0	12.1	33.4	57.8	87.9	115.5	148.5	178.8	209.2	241.9	275.1
0°	0.0	12.1	33.4	57.8	87.9	115.5	148.5	178.8	209.2	241.9	275.1
-2.5°	0.0	12.1	33.4	57.8	87.9	115.5	148.5	178.8	209.2	241.9	275.1
-5°	0.0	12.1	33.2	57.8	87.5	115.4	147.9	178.2	208.4	240.4	273.3
-7.5°	0.0	12.0	33.0	57.6	87.0	115.1	147.0	177.1	207.2	238.3	271.0
-10°	0.0	11.9	32.8	57.3	86.2	114.4	145.7	175.7	205.6	235.8	267.9
-12.5°	0.0	11.8	32.4	56.9	85.2	113.5	144.1	173.8	203.4	233.0	265.1
-15°	0.0	11.7	31.9	56.3	84.0	112.2	142.2	171.6	201.0	230.6	262.1
-17.5°	0.0	11.5	31.4	55.5	82.7	110.6	140.0	169.1	198.5	227.7	258.5
-20°	0.0	11.4	30.8	54.5	81.1	108.8	137.6	166.5	195.4	224.3	254.2

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Scaled Data Report



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CATALOG NUMBER: GFLD-SA2D-740-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	11.2	30.1	53.5	79.4	106.5	134.9	163.5	192.0	220.4	249.3
-25°	0.0	11.0	29.4	52.2	77.5	104.0	131.9	160.2	188.1	215.9	243.7
-27.5°	0.0	10.7	28.6	50.8	75.5	101.2	128.5	156.4	183.7	211.0	238.2
-30°	0.0	10.5	27.7	49.2	73.3	98.1	124.8	152.3	179.0	205.6	232.1
-32.5°	0.0	10.2	26.7	47.5	70.8	94.8	120.6	147.6	173.8	199.7	225.6
-35°	0.0	9.9	25.7	45.6	68.2	91.2	116.3	142.4	168.2	193.4	218.5
-37.5°	0.0	9.6	24.6	43.6	65.3	87.5	111.7	136.9	162.3	186.7	211.2
-40°	0.0	9.3	23.4	41.4	62.3	83.8	106.9	130.9	156.0	179.6	203.5
-42.5°	0.0	8.9	22.2	39.1	59.1	79.8	101.7	124.5	148.9	172.1	195.3
-45°	0.0	8.6	20.9	36.6	55.8	75.5	96.3	117.9	141.1	164.2	186.7
-47.5°	0.0	8.2	19.6	34.0	52.4	71.1	90.7	111.3	132.9	155.8	177.2
-50°	0.0	7.8	18.2	31.8	48.8	66.4	85.0	104.5	124.4	146.2	167.3
-52.5°	0.0	7.4	16.7	29.6	45.1	61.5	79.1	97.4	116.1	136.3	156.8
-55°	0.0	6.9	15.2	27.4	41.2	56.7	72.9	90.0	107.7	126.0	145.4
-57.5°	0.0	6.5	13.7	25.1	37.3	51.7	66.5	82.5	98.9	115.9	133.6
-60°	0.0	6.0	12.1	22.7	33.2	46.6	60.0	74.7	89.9	105.6	121.7
-62.5°	0.0	5.6	11.2	20.2	30.0	41.4	53.8	66.7	80.8	94.9	109.6
-65°	0.0	5.1	10.2	17.7	26.7	36.1	47.4	58.8	71.5	84.3	97.2
-67.5°	0.0	4.6	9.3	15.2	23.3	31.3	40.9	51.3	62.0	73.7	85.2
-70°	0.0	4.1	8.3	12.6	19.8	27.0	34.3	43.7	53.3	62.8	73.2
-72.5°	0.0	3.6	7.3	10.9	16.3	22.6	28.8	36.0	44.5	52.9	61.2
-75°	0.0	3.1	6.3	9.4	12.7	18.2	23.5	29.3	35.6	42.9	50.1
-77.5°	0.0	2.6	5.2	7.8	10.4	13.7	18.2	22.9	27.9	33.2	39.0
-80°	0.0	2.1	4.2	6.3	8.4	10.4	12.7	16.4	20.3	24.4	28.6
-82.5°	0.0	1.6	3.2	4.7	6.3	7.8	9.4	10.9	12.6	15.5	18.5
-85°	0.0	1.1	2.1	3.2	4.2	5.2	6.3	7.3	8.3	9.3	10.2
-87.5°	0.0	0.5	1.1	1.6	2.1	2.6	3.1	3.6	4.1	4.6	5.1
-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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CATALOG NUMBER: GFLD-SA2D-740-U-MR-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°	5.6	6.0	6.5	6.9	7.4	7.8	8.2	8.6	8.9	9.3	9.6
85°	11.2	12.1	13.9	15.7	17.4	19.0	20.6	22.1	23.6	25.0	26.3
82.5°	21.4	24.2	26.9	29.5	32.1	34.6	37.0	39.3	41.5	43.6	45.6
80°	32.5	36.2	40.0	43.4	46.8	50.1	53.3	56.4	59.3	62.4	65.8
77.5°	44.3	49.0	53.3	57.3	61.6	66.7	71.7	76.5	81.1	85.5	89.6
75°	56.4	61.8	67.7	73.6	79.7	85.9	91.9	97.7	103.4	109.1	114.9
72.5°	69.1	76.5	83.6	90.6	98.2	105.8	112.7	119.1	126.2	134.0	141.2
70°	82.7	91.2	100.1	109.1	117.8	126.2	134.8	143.4	152.1	160.6	168.6
67.5°	96.3	106.9	117.3	127.4	137.3	147.4	157.6	168.0	178.0	187.6	196.9
65°	110.7	122.6	134.2	145.6	156.6	168.9	180.9	192.6	205.3	217.1	227.3
62.5°	124.8	138.1	151.0	163.8	177.2	190.8	204.7	219.4	234.5	245.4	254.8
60°	138.3	153.4	167.7	182.4	197.3	212.7	228.7	244.3	258.2	270.1	280.0
57.5°	151.5	168.4	184.3	200.3	216.6	234.0	251.7	267.6	280.5	292.0	302.8
55°	164.4	183.0	199.9	216.9	235.5	255.9	274.0	288.4	301.5	311.0	321.4
52.5°	176.6	196.5	214.2	233.2	254.5	275.7	293.7	307.6	318.7	328.6	338.7
50°	188.2	208.3	227.9	249.6	272.0	293.2	311.5	324.3	335.5	345.7	355.4
47.5°	198.8	219.6	241.8	265.0	288.4	309.4	326.9	340.0	351.5	362.0	372.7
45°	208.7	231.1	254.7	280.1	304.1	325.0	340.8	354.8	366.0	377.8	391.2
42.5°	218.2	242.2	267.8	294.8	319.4	338.4	353.8	367.3	380.1	394.3	409.2
40°	227.6	252.6	280.3	308.7	333.7	350.1	365.6	379.9	394.6	410.7	427.1
37.5°	236.3	263.2	291.9	321.6	344.1	361.3	377.2	393.1	409.7	427.1	447.3
35°	244.4	272.9	303.1	331.7	353.4	372.1	389.2	406.4	425.0	446.2	468.5
32.5°	252.2	281.8	313.5	340.3	361.8	381.8	400.7	420.2	441.4	464.7	490.3
30°	259.9	290.5	322.5	349.0	369.3	389.8	411.9	433.6	457.2	483.1	513.2
27.5°	267.3	298.5	330.1	355.9	376.0	396.7	420.5	446.9	472.6	501.1	535.9
25°	274.1	306.8	337.6	361.3	381.6	403.4	428.2	456.3	486.6	520.4	563.1
22.5°	280.6	314.2	344.7	366.0	386.3	409.2	435.9	465.6	498.6	537.7	589.9
20°	286.6	320.0	349.4	370.2	390.2	413.9	442.5	473.8	511.5	559.0	621.3
17.5°	291.9	325.0	352.6	373.7	394.4	418.7	448.2	480.8	523.1	577.7	651.4
15°	296.4	329.0	355.4	376.4	397.9	423.6	454.0	489.5	535.9	596.0	677.4
12.5°	300.1	332.1	357.8	378.3	400.6	427.3	459.0	498.0	548.6	616.0	712.5
10°	303.0	334.4	359.6	379.5	402.5	429.7	462.8	504.6	558.9	632.7	742.6
7.5°	305.9	336.5	361.0	380.0	403.6	430.9	465.5	509.2	566.4	645.3	766.6
5°	307.9	338.4	361.7	381.1	404.3	431.4	467.4	511.9	571.1	653.5	783.6
2.5°	309.1	339.5	361.7	382.0	404.4	431.7	469.5	513.4	576.4	660.5	793.2
0°	309.5	339.9	361.1	382.3	403.6	430.9	470.3	512.8	579.6	664.5	795.0
-2.5°	309.1	339.5	361.7	382.0	404.4	431.7	469.5	513.4	576.4	660.5	793.2
-5°	307.9	338.4	361.7	381.1	404.3	431.4	467.4	511.9	571.1	653.5	783.6
-7.5°	305.9	336.5	361.0	380.0	403.6	430.9	465.5	509.2	566.4	645.3	766.6
-10°	303.0	334.4	359.6	379.5	402.5	429.7	462.8	504.6	558.9	632.7	742.6
-12.5°	300.1	332.1	357.8	378.3	400.6	427.3	459.0	498.0	548.6	616.0	712.5
-15°	296.4	329.0	355.4	376.4	397.9	423.6	454.0	489.5	535.9	596.0	677.4
-17.5°	291.9	325.0	352.6	373.7	394.4	418.7	448.2	480.8	523.1	577.7	651.4
-20°	286.6	320.0	349.4	370.2	390.2	413.9	442.5	473.8	511.5	559.0	621.3

Classified

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

Scaled Data Report



REPORT NUMBER: P626985 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA2D-740-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°	280.6	314.2	344.7	366.0	386.3	409.2	435.9	465.6	498.6	537.7	589.9
-25°	274.1	306.8	337.6	361.3	381.6	403.4	428.2	456.3	486.6	520.4	563.1
-27.5°	267.3	298.5	330.1	355.9	376.0	396.7	420.5	446.9	472.6	501.1	535.9
-30°	259.9	290.5	322.5	349.0	369.3	389.8	411.9	433.6	457.2	483.1	513.2
-32.5°	252.2	281.8	313.5	340.3	361.8	381.8	400.7	420.2	441.4	464.7	490.3
-35°	244.4	272.9	303.1	331.7	353.4	372.1	389.2	406.4	425.0	446.2	468.5
-37.5°	236.3	263.2	291.9	321.6	344.1	361.3	377.2	393.1	409.7	427.1	447.3
-40°	227.6	252.6	280.3	308.7	333.7	350.1	365.6	379.9	394.6	410.7	427.1
-42.5°	218.2	242.2	267.8	294.8	319.4	338.4	353.8	367.3	380.1	394.3	409.2
-45°	208.7	231.1	254.7	280.1	304.1	325.0	340.8	354.8	366.0	377.8	391.2
-47.5°	198.8	219.6	241.8	265.0	288.4	309.4	326.9	340.0	351.5	362.0	372.7
-50°	188.2	208.3	227.9	249.6	272.0	293.2	311.5	324.3	335.5	345.7	355.4
-52.5°	176.6	196.5	214.2	233.2	254.5	275.7	293.7	307.6	318.7	328.6	338.7
-55°	164.4	183.0	199.9	216.9	235.5	255.9	274.0	288.4	301.5	311.0	321.4
-57.5°	151.5	168.4	184.3	200.3	216.6	234.0	251.7	267.6	280.5	292.0	302.8
-60°	138.3	153.4	167.7	182.4	197.3	212.7	228.7	244.3	258.2	270.1	280.0
-62.5°	124.8	138.1	151.0	163.8	177.2	190.8	204.7	219.4	234.5	245.4	254.8
-65°	110.7	122.6	134.2	145.6	156.6	168.9	180.9	192.6	205.3	217.1	227.3
-67.5°	96.3	106.9	117.3	127.4	137.3	147.4	157.6	168.0	178.0	187.6	196.9
-70°	82.7	91.2	100.1	109.1	117.8	126.2	134.8	143.4	152.1	160.6	168.6
-72.5°	69.1	76.5	83.6	90.6	98.2	105.8	112.7	119.1	126.2	134.0	141.2
-75°	56.4	61.8	67.7	73.6	79.7	85.9	91.9	97.7	103.4	109.1	114.9
-77.5°	44.3	49.0	53.3	57.3	61.6	66.7	71.7	76.5	81.1	85.5	89.6
-80°	32.5	36.2	40.0	43.4	46.8	50.1	53.3	56.4	59.3	62.4	65.8
-82.5°	21.4	24.2	26.9	29.5	32.1	34.6	37.0	39.3	41.5	43.6	45.6
-85°	11.2	12.1	13.9	15.7	17.4	19.0	20.6	22.1	23.6	25.0	26.3
-87.5°	5.6	6.0	6.5	6.9	7.4	7.8	8.2	8.6	8.9	9.3	9.6
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



REPORT NUMBER: P626985 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA2D-740-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°	9.9	10.2	10.5	10.7	11.0	11.2	11.4	11.5	11.7	11.8	11.9
85°	27.6	28.8	29.9	30.9	31.8	32.1	32.2	32.1	32.0	32.4	32.8
82.5°	47.5	49.6	51.7	53.9	55.9	56.7	57.3	57.7	57.9	58.7	59.4
80°	68.9	72.3	75.4	78.2	80.6	82.4	84.0	85.5	86.8	87.5	87.8
77.5°	93.8	97.9	101.7	105.3	108.5	111.1	113.2	114.9	116.2	117.1	117.6
75°	120.7	125.8	130.4	134.7	138.6	141.4	143.3	144.7	145.6	146.7	147.5
72.5°	147.8	153.7	159.1	164.3	168.8	172.0	174.2	176.0	177.3	178.3	178.8
70°	176.3	183.3	189.3	194.5	198.6	201.6	204.0	205.9	207.4	208.4	208.9
67.5°	205.8	213.3	218.9	223.4	227.1	230.3	233.3	235.5	236.9	238.4	240.0
65°	235.9	243.5	249.3	254.0	257.9	262.1	265.9	268.7	270.6	272.3	274.1
62.5°	264.1	272.8	279.5	285.7	292.0	298.0	301.5	304.2	306.1	307.7	309.7
60°	289.8	299.6	307.8	315.4	323.2	330.9	334.1	336.6	339.0	341.2	343.2
57.5°	312.6	323.1	333.0	340.5	347.9	355.2	360.2	362.9	364.7	365.7	366.6
55°	332.5	342.9	352.8	361.4	369.5	376.9	382.5	385.2	387.2	388.4	389.2
52.5°	350.3	361.4	372.0	381.6	390.2	398.3	405.2	408.9	411.9	414.1	414.7
50°	367.7	379.8	391.3	401.5	411.6	421.2	430.0	435.2	438.8	441.0	441.7
47.5°	385.9	399.0	411.5	423.4	434.8	446.2	456.7	463.7	468.9	472.7	475.4
45°	404.9	419.1	432.8	446.8	459.9	474.7	488.0	498.2	505.7	512.2	517.4
42.5°	424.1	439.9	455.7	473.7	491.7	508.4	524.2	537.8	550.1	562.2	571.5
40°	444.9	462.2	483.7	505.1	527.3	546.8	569.9	590.5	609.5	629.9	646.8
37.5°	467.5	489.8	515.4	541.0	569.8	597.8	630.0	661.8	689.3	725.2	754.0
35°	492.2	520.5	550.7	585.1	622.3	666.1	711.2	764.1	809.0	866.0	918.6
32.5°	519.8	553.0	592.2	639.5	689.7	760.1	826.1	915.8	992.4	1091.3	1199.4
30°	547.9	590.8	644.0	705.1	790.0	889.9	1006.4	1158.0	1322.0	1491.7	1720.0
27.5°	581.1	636.8	703.3	797.6	924.5	1062.9	1300.3	1556.7	1913.8	2196.5	2700.1
25°	616.9	685.8	784.1	920.8	1096.1	1376.2	1776.9	2241.0	2955.6	3591.2	4321.7
22.5°	659.3	752.8	883.0	1062.0	1367.7	1849.5	2475.0	3428.0	4487.3	5532.9	6488.5
20°	704.1	817.1	999.1	1290.7	1763.2	2459.8	3575.9	4937.6	6344.0	7776.9	8984.4
17.5°	756.5	909.9	1149.7	1537.0	2211.1	3403.8	4894.5	6626.0	8463.3	10291.8	11880.0
15°	801.5	991.1	1314.0	1894.1	2899.3	4391.1	6223.2	8410.0	10720.6	13093.5	15665.3
12.5°	858.9	1088.9	1483.3	2189.3	3509.9	5448.9	7690.7	10229.6	13051.1	16201.8	20211.2
10°	911.7	1191.5	1705.8	2662.3	4244.0	6437.0	8958.2	11838.7	15498.5	20233.1	25069.4
7.5°	953.9	1272.9	1878.5	3031.4	4859.6	7281.2	10099.5	13553.1	18118.9	23756.8	29282.6
5°	983.3	1329.3	2002.0	3310.2	5354.7	7926.3	10909.5	14816.9	20327.7	26641.2	32283.4
2.5°	1001.7	1360.2	2062.5	3475.8	5677.6	8314.5	11414.8	15620.1	21681.5	28477.3	34189.8
0°	1010.5	1365.5	2024.0	3556.4	5722.9	8287.0	11461.1	15888.3	22002.7	28975.8	34665.4
-2.5°	1001.7	1360.2	2062.5	3475.8	5677.6	8314.5	11414.8	15620.1	21681.5	28477.3	34189.8
-5°	983.3	1329.3	2002.0	3310.2	5354.7	7926.3	10909.5	14816.9	20327.7	26641.2	32283.4
-7.5°	953.9	1272.9	1878.5	3031.4	4859.6	7281.2	10099.5	13553.1	18118.9	23756.8	29282.6
-10°	911.7	1191.5	1705.8	2662.3	4244.0	6437.0	8958.2	11838.7	15498.5	20233.1	25069.4
-12.5°	858.9	1088.9	1483.3	2189.3	3509.9	5448.9	7690.7	10229.6	13051.1	16201.8	20211.2
-15°	801.5	991.1	1314.0	1894.1	2899.3	4391.1	6223.2	8410.0	10720.6	13093.5	15665.3
-17.5°	756.5	909.9	1149.7	1537.0	2211.1	3403.8	4894.5	6626.0	8463.3	10291.8	11880.0
-20°	704.1	817.1	999.1	1290.7	1763.2	2459.8	3575.9	4937.6	6344.0	7776.9	8984.4

Classified

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

Scaled Data Report



REPORT NUMBER: P626985 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA2D-740-U-MR-XX

CANDELA DISTRIBUTION (continued):

	-35°	-32.5°	-30°	-27.5°	-25°	-22.5°	-20°	-17.5°	-15°	-12.5°	-10°
-22.5°	659.3	752.8	883.0	1062.0	1367.7	1849.5	2475.0	3428.0	4487.3	5532.9	6488.5
-25°	616.9	685.8	784.1	920.8	1096.1	1376.2	1776.9	2241.0	2955.6	3591.2	4321.7
-27.5°	581.1	636.8	703.3	797.6	924.5	1062.9	1300.3	1556.7	1913.8	2196.5	2700.1
-30°	547.9	590.8	644.0	705.1	790.0	889.9	1006.4	1158.0	1322.0	1491.7	1720.0
-32.5°	519.8	553.0	592.2	639.5	689.7	760.1	826.1	915.8	992.4	1091.3	1199.4
-35°	492.2	520.5	550.7	585.1	622.3	666.1	711.2	764.1	809.0	866.0	918.6
-37.5°	467.5	489.8	515.4	541.0	569.8	597.8	630.0	661.8	689.3	725.2	754.0
-40°	444.9	462.2	483.7	505.1	527.3	546.8	569.9	590.5	609.5	629.9	646.8
-42.5°	424.1	439.9	455.7	473.7	491.7	508.4	524.2	537.8	550.1	562.2	571.5
-45°	404.9	419.1	432.8	446.8	459.9	474.7	488.0	498.2	505.7	512.2	517.4
-47.5°	385.9	399.0	411.5	423.4	434.8	446.2	456.7	463.7	468.9	472.7	475.4
-50°	367.7	379.8	391.3	401.5	411.6	421.2	430.0	435.2	438.8	441.0	441.7
-52.5°	350.3	361.4	372.0	381.6	390.2	398.3	405.2	408.9	411.9	414.1	414.7
-55°	332.5	342.9	352.8	361.4	369.5	376.9	382.5	385.2	387.2	388.4	389.2
-57.5°	312.6	323.1	333.0	340.5	347.9	355.2	360.2	362.9	364.7	365.7	366.6
-60°	289.8	299.6	307.8	315.4	323.2	330.9	334.1	336.6	339.0	341.2	343.2
-62.5°	264.1	272.8	279.5	285.7	292.0	298.0	301.5	304.2	306.1	307.7	309.7
-65°	235.9	243.5	249.3	254.0	257.9	262.1	265.9	268.7	270.6	272.3	274.1
-67.5°	205.8	213.3	218.9	223.4	227.1	230.3	233.3	235.5	236.9	238.4	240.0
-70°	176.3	183.3	189.3	194.5	198.6	201.6	204.0	205.9	207.4	208.4	208.9
-72.5°	147.8	153.7	159.1	164.3	168.8	172.0	174.2	176.0	177.3	178.3	178.8
-75°	120.7	125.8	130.4	134.7	138.6	141.4	143.3	144.7	145.6	146.7	147.5
-77.5°	93.8	97.9	101.7	105.3	108.5	111.1	113.2	114.9	116.2	117.1	117.6
-80°	68.9	72.3	75.4	78.2	80.6	82.4	84.0	85.5	86.8	87.5	87.8
-82.5°	47.5	49.6	51.7	53.9	55.9	56.7	57.3	57.7	57.9	58.7	59.4
-85°	27.6	28.8	29.9	30.9	31.8	32.1	32.2	32.1	32.0	32.4	32.8
-87.5°	9.9	10.2	10.5	10.7	11.0	11.2	11.4	11.5	11.7	11.8	11.9
-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: P626985 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA2D-740-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°	12.0	12.1	12.1	12.1	12.1	12.1	12.0	11.9	11.8	11.7	11.5
85°	33.0	33.2	33.4	33.4	33.4	33.2	33.0	32.8	32.4	32.0	32.1
82.5°	60.0	60.4	60.6	60.7	60.6	60.4	60.0	59.4	58.7	57.9	57.7
80°	87.8	87.6	87.9	88.0	87.9	87.6	87.8	87.8	87.5	86.8	85.5
77.5°	117.8	117.8	118.2	118.3	118.2	117.8	117.8	117.6	117.1	116.2	114.9
75°	147.9	148.0	148.5	148.7	148.5	148.0	147.9	147.5	146.7	145.6	144.7
72.5°	178.8	178.3	178.8	179.0	178.8	178.3	178.8	178.8	178.3	177.3	176.0
70°	209.0	208.6	210.6	212.4	210.6	208.6	209.0	208.9	208.4	207.4	205.9
67.5°	241.1	241.7	243.9	245.8	243.9	241.7	241.1	240.0	238.4	236.9	235.5
65°	275.0	275.1	277.2	279.2	277.2	275.1	275.0	274.1	272.3	270.6	268.7
62.5°	310.9	311.2	313.4	315.6	313.4	311.2	310.9	309.7	307.7	306.1	304.2
60°	344.3	344.7	345.5	345.9	345.5	344.7	344.3	343.2	341.2	339.0	336.6
57.5°	366.9	366.6	366.9	367.2	366.9	366.6	366.9	366.6	365.7	364.7	362.9
55°	389.1	388.1	386.9	385.4	386.9	388.1	389.1	389.2	388.4	387.2	385.2
52.5°	414.2	412.6	411.1	409.6	411.1	412.6	414.2	414.7	414.1	411.9	408.9
50°	441.3	439.8	438.5	437.0	438.5	439.8	441.3	441.7	441.0	438.8	435.2
47.5°	477.3	477.9	477.6	476.4	477.6	477.9	477.3	475.4	472.7	468.9	463.7
45°	521.1	522.9	523.1	521.9	523.1	522.9	521.1	517.4	512.2	505.7	498.2
42.5°	578.2	582.0	584.1	585.6	584.1	582.0	578.2	571.5	562.2	550.1	537.8
40°	659.1	667.0	672.0	676.7	672.0	667.0	659.1	646.8	629.9	609.5	590.5
37.5°	775.3	789.5	795.9	792.0	795.9	789.5	775.3	754.0	725.2	689.3	661.8
35°	959.1	986.1	1000.2	1001.4	1000.2	986.1	959.1	918.6	866.0	809.0	764.1
32.5°	1279.2	1334.5	1364.3	1368.5	1364.3	1334.5	1279.2	1199.4	1091.3	992.4	915.8
30°	1894.9	2007.8	2060.8	2048.2	2060.8	2007.8	1894.9	1720.0	1491.7	1322.0	1158.0
27.5°	3091.5	3373.1	3540.1	3553.3	3540.1	3373.1	3091.5	2700.1	2196.5	1913.8	1556.7
25°	4968.7	5449.6	5757.4	5762.4	5757.4	5449.6	4968.7	4321.7	3591.2	2955.6	2241.0
22.5°	7372.2	8028.5	8388.1	8450.9	8388.1	8028.5	7372.2	6488.5	5532.9	4487.3	3428.0
20°	10156.7	11029.8	11496.9	11497.5	11496.9	11029.8	10156.7	8984.4	7776.9	6344.0	4937.6
17.5°	13585.9	15003.6	15893.6	16276.7	15893.6	15003.6	13585.9	11880.0	10291.8	8463.3	6626.0
15°	18141.8	20524.1	21951.7	22209.0	21951.7	20524.1	18141.8	15665.3	13093.5	10720.6	8410.0
12.5°	23689.0	26704.0	28730.7	29473.5	28730.7	26704.0	23689.0	20211.2	16201.8	13051.1	10229.6
10°	29480.8	32274.4	34445.6	35175.2	34445.6	32274.4	29480.8	25069.4	20233.1	15498.5	11838.7
7.5°	33664.9	36996.1	39441.8	40515.8	39441.8	36996.1	33664.9	29282.6	23756.8	18118.9	13553.1
5°	36967.8	40909.4	43186.1	44196.6	43186.1	40909.4	36967.8	32283.4	26641.2	20327.7	14816.9
2.5°	39135.0	43029.6	45440.5	46372.2	45440.5	43029.6	39135.0	34189.8	28477.3	21681.5	15620.1
0°	39945.3	43753.5	46135.6	47273.5	46135.6	43753.5	39945.3	34665.4	28975.8	22002.7	15888.3
-2.5°	39135.0	43029.6	45440.5	46372.2	45440.5	43029.6	39135.0	34189.8	28477.3	21681.5	15620.1
-5°	36967.8	40909.4	43186.1	44196.6	43186.1	40909.4	36967.8	32283.4	26641.2	20327.7	14816.9
-7.5°	33664.9	36996.1	39441.8	40515.8	39441.8	36996.1	33664.9	29282.6	23756.8	18118.9	13553.1
-10°	29480.8	32274.4	34445.6	35175.2	34445.6	32274.4	29480.8	25069.4	20233.1	15498.5	11838.7
-12.5°	23689.0	26704.0	28730.7	29473.5	28730.7	26704.0	23689.0	20211.2	16201.8	13051.1	10229.6
-15°	18141.8	20524.1	21951.7	22209.0	21951.7	20524.1	18141.8	15665.3	13093.5	10720.6	8410.0
-17.5°	13585.9	15003.6	15893.6	16276.7	15893.6	15003.6	13585.9	11880.0	10291.8	8463.3	6626.0
-20°	10156.7	11029.8	11496.9	11497.5	11496.9	11029.8	10156.7	8984.4	7776.9	6344.0	4937.6



REPORT NUMBER: P626985 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA2D-740-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°	7372.2	8028.5	8388.1	8450.9	8388.1	8028.5	7372.2	6488.5	5532.9	4487.3	3428.0
-25°	4968.7	5449.6	5757.4	5762.4	5757.4	5449.6	4968.7	4321.7	3591.2	2955.6	2241.0
-27.5°	3091.5	3373.1	3540.1	3553.3	3540.1	3373.1	3091.5	2700.1	2196.5	1913.8	1556.7
-30°	1894.9	2007.8	2060.8	2048.2	2060.8	2007.8	1894.9	1720.0	1491.7	1322.0	1158.0
-32.5°	1279.2	1334.5	1364.3	1368.5	1364.3	1334.5	1279.2	1199.4	1091.3	992.4	915.8
-35°	959.1	986.1	1000.2	1001.4	1000.2	986.1	959.1	918.6	866.0	809.0	764.1
-37.5°	775.3	789.5	795.9	792.0	795.9	789.5	775.3	754.0	725.2	689.3	661.8
-40°	659.1	667.0	672.0	676.7	672.0	667.0	659.1	646.8	629.9	609.5	590.5
-42.5°	578.2	582.0	584.1	585.6	584.1	582.0	578.2	571.5	562.2	550.1	537.8
-45°	521.1	522.9	523.1	521.9	523.1	522.9	521.1	517.4	512.2	505.7	498.2
-47.5°	477.3	477.9	477.6	476.4	477.6	477.9	477.3	475.4	472.7	468.9	463.7
-50°	441.3	439.8	438.5	437.0	438.5	439.8	441.3	441.7	441.0	438.8	435.2
-52.5°	414.2	412.6	411.1	409.6	411.1	412.6	414.2	414.7	414.1	411.9	408.9
-55°	389.1	388.1	386.9	385.4	386.9	388.1	389.1	389.2	388.4	387.2	385.2
-57.5°	366.9	366.6	366.9	367.2	366.9	366.6	366.9	366.6	365.7	364.7	362.9
-60°	344.3	344.7	345.5	345.9	345.5	344.7	344.3	343.2	341.2	339.0	336.6
-62.5°	310.9	311.2	313.4	315.6	313.4	311.2	310.9	309.7	307.7	306.1	304.2
-65°	275.0	275.1	277.2	279.2	277.2	275.1	275.0	274.1	272.3	270.6	268.7
-67.5°	241.1	241.7	243.9	245.8	243.9	241.7	241.1	240.0	238.4	236.9	235.5
-70°	209.0	208.6	210.6	212.4	210.6	208.6	209.0	208.9	208.4	207.4	205.9
-72.5°	178.8	178.3	178.8	179.0	178.8	178.3	178.8	178.8	178.3	177.3	176.0
-75°	147.9	148.0	148.5	148.7	148.5	148.0	147.9	147.5	146.7	145.6	144.7
-77.5°	117.8	117.8	118.2	118.3	118.2	117.8	117.8	117.6	117.1	116.2	114.9
-80°	87.8	87.6	87.9	88.0	87.9	87.6	87.8	87.8	87.5	86.8	85.5
-82.5°	60.0	60.4	60.6	60.7	60.6	60.4	60.0	59.4	58.7	57.9	57.7
-85°	33.0	33.2	33.4	33.4	33.4	33.2	33.0	32.8	32.4	32.0	32.1
-87.5°	12.0	12.1	12.1	12.1	12.1	12.1	12.0	11.9	11.8	11.7	11.5
-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: P626985 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA2D-740-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°	11.4	11.2	11.0	10.7	10.5	10.2	9.9	9.6	9.3	8.9	8.6
85°	32.2	32.1	31.8	30.9	29.9	28.8	27.6	26.3	25.0	23.6	22.1
82.5°	57.3	56.7	55.9	53.9	51.7	49.6	47.5	45.6	43.6	41.5	39.3
80°	84.0	82.4	80.6	78.2	75.4	72.3	68.9	65.8	62.4	59.3	56.4
77.5°	113.2	111.1	108.5	105.3	101.7	97.9	93.8	89.6	85.5	81.1	76.5
75°	143.3	141.4	138.6	134.7	130.4	125.8	120.7	114.9	109.1	103.4	97.7
72.5°	174.2	172.0	168.8	164.3	159.1	153.7	147.8	141.2	134.0	126.2	119.1
70°	204.0	201.6	198.6	194.5	189.3	183.3	176.3	168.6	160.6	152.1	143.4
67.5°	233.3	230.3	227.1	223.4	218.9	213.3	205.8	196.9	187.6	178.0	168.0
65°	265.9	262.1	257.9	254.0	249.3	243.5	235.9	227.3	217.1	205.3	192.6
62.5°	301.5	298.0	292.0	285.7	279.5	272.8	264.1	254.8	245.4	234.5	219.4
60°	334.1	330.9	323.2	315.4	307.8	299.6	289.8	280.0	270.1	258.2	244.3
57.5°	360.2	355.2	347.9	340.5	333.0	323.1	312.6	302.8	292.0	280.5	267.6
55°	382.5	376.9	369.5	361.4	352.8	342.9	332.5	321.4	311.0	301.5	288.4
52.5°	405.2	398.3	390.2	381.6	372.0	361.4	350.3	338.7	328.6	318.7	307.6
50°	430.0	421.2	411.6	401.5	391.3	379.8	367.7	355.4	345.7	335.5	324.3
47.5°	456.7	446.2	434.8	423.4	411.5	399.0	385.9	372.7	362.0	351.5	340.0
45°	488.0	474.7	459.9	446.8	432.8	419.1	404.9	391.2	377.8	366.0	354.8
42.5°	524.2	508.4	491.7	473.7	455.7	439.9	424.1	409.2	394.3	380.1	367.3
40°	569.9	546.8	527.3	505.1	483.7	462.2	444.9	427.1	410.7	394.6	379.9
37.5°	630.0	597.8	569.8	541.0	515.4	489.8	467.5	447.3	427.1	409.7	393.1
35°	711.2	666.1	622.3	585.1	550.7	520.5	492.2	468.5	446.2	425.0	406.4
32.5°	826.1	760.1	689.7	639.5	592.2	553.0	519.8	490.3	464.7	441.4	420.2
30°	1006.4	889.9	790.0	705.1	644.0	590.8	547.9	513.2	483.1	457.2	433.6
27.5°	1300.3	1062.9	924.5	797.6	703.3	636.8	581.1	535.9	501.1	472.6	446.9
25°	1776.9	1376.2	1096.1	920.8	784.1	685.8	616.9	563.1	520.4	486.6	456.3
22.5°	2475.0	1849.5	1367.7	1062.0	883.0	752.8	659.3	589.9	537.7	498.6	465.6
20°	3575.9	2459.8	1763.2	1290.7	999.1	817.1	704.1	621.3	559.0	511.5	473.8
17.5°	4894.5	3403.8	2211.1	1537.0	1149.7	909.9	756.5	651.4	577.7	523.1	480.8
15°	6223.2	4391.1	2899.3	1894.1	1314.0	991.1	801.5	677.4	596.0	535.9	489.5
12.5°	7690.7	5448.9	3509.9	2189.3	1483.3	1088.9	858.9	712.5	616.0	548.6	498.0
10°	8958.2	6437.0	4244.0	2662.3	1705.8	1191.5	911.7	742.6	632.7	558.9	504.6
7.5°	10099.5	7281.2	4859.6	3031.4	1878.5	1272.9	953.9	766.6	645.3	566.4	509.2
5°	10909.5	7926.3	5354.7	3310.2	2002.0	1329.3	983.3	783.6	653.5	571.1	511.9
2.5°	11414.8	8314.5	5677.6	3475.8	2062.5	1360.2	1001.7	793.2	660.5	576.4	513.4
0°	11461.1	8287.0	5722.9	3556.4	2024.0	1365.5	1010.5	795.0	664.5	579.6	512.8
-2.5°	11414.8	8314.5	5677.6	3475.8	2062.5	1360.2	1001.7	793.2	660.5	576.4	513.4
-5°	10909.5	7926.3	5354.7	3310.2	2002.0	1329.3	983.3	783.6	653.5	571.1	511.9
-7.5°	10099.5	7281.2	4859.6	3031.4	1878.5	1272.9	953.9	766.6	645.3	566.4	509.2
-10°	8958.2	6437.0	4244.0	2662.3	1705.8	1191.5	911.7	742.6	632.7	558.9	504.6
-12.5°	7690.7	5448.9	3509.9	2189.3	1483.3	1088.9	858.9	712.5	616.0	548.6	498.0
-15°	6223.2	4391.1	2899.3	1894.1	1314.0	991.1	801.5	677.4	596.0	535.9	489.5
-17.5°	4894.5	3403.8	2211.1	1537.0	1149.7	909.9	756.5	651.4	577.7	523.1	480.8
-20°	3575.9	2459.8	1763.2	1290.7	999.1	817.1	704.1	621.3	559.0	511.5	473.8

Classified

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

Scaled Data Report



REPORT NUMBER: P626985 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA2D-740-U-MR-XX

CANDELA DISTRIBUTION (continued):

	20°	22.5°	25°	27.5°	30°	32.5°	35°	37.5°	40°	42.5°	45°
-22.5°	2475.0	1849.5	1367.7	1062.0	883.0	752.8	659.3	589.9	537.7	498.6	465.6
-25°	1776.9	1376.2	1096.1	920.8	784.1	685.8	616.9	563.1	520.4	486.6	456.3
-27.5°	1300.3	1062.9	924.5	797.6	703.3	636.8	581.1	535.9	501.1	472.6	446.9
-30°	1006.4	889.9	790.0	705.1	644.0	590.8	547.9	513.2	483.1	457.2	433.6
-32.5°	826.1	760.1	689.7	639.5	592.2	553.0	519.8	490.3	464.7	441.4	420.2
-35°	711.2	666.1	622.3	585.1	550.7	520.5	492.2	468.5	446.2	425.0	406.4
-37.5°	630.0	597.8	569.8	541.0	515.4	489.8	467.5	447.3	427.1	409.7	393.1
-40°	569.9	546.8	527.3	505.1	483.7	462.2	444.9	427.1	410.7	394.6	379.9
-42.5°	524.2	508.4	491.7	473.7	455.7	439.9	424.1	409.2	394.3	380.1	367.3
-45°	488.0	474.7	459.9	446.8	432.8	419.1	404.9	391.2	377.8	366.0	354.8
-47.5°	456.7	446.2	434.8	423.4	411.5	399.0	385.9	372.7	362.0	351.5	340.0
-50°	430.0	421.2	411.6	401.5	391.3	379.8	367.7	355.4	345.7	335.5	324.3
-52.5°	405.2	398.3	390.2	381.6	372.0	361.4	350.3	338.7	328.6	318.7	307.6
-55°	382.5	376.9	369.5	361.4	352.8	342.9	332.5	321.4	311.0	301.5	288.4
-57.5°	360.2	355.2	347.9	340.5	333.0	323.1	312.6	302.8	292.0	280.5	267.6
-60°	334.1	330.9	323.2	315.4	307.8	299.6	289.8	280.0	270.1	258.2	244.3
-62.5°	301.5	298.0	292.0	285.7	279.5	272.8	264.1	254.8	245.4	234.5	219.4
-65°	265.9	262.1	257.9	254.0	249.3	243.5	235.9	227.3	217.1	205.3	192.6
-67.5°	233.3	230.3	227.1	223.4	218.9	213.3	205.8	196.9	187.6	178.0	168.0
-70°	204.0	201.6	198.6	194.5	189.3	183.3	176.3	168.6	160.6	152.1	143.4
-72.5°	174.2	172.0	168.8	164.3	159.1	153.7	147.8	141.2	134.0	126.2	119.1
-75°	143.3	141.4	138.6	134.7	130.4	125.8	120.7	114.9	109.1	103.4	97.7
-77.5°	113.2	111.1	108.5	105.3	101.7	97.9	93.8	89.6	85.5	81.1	76.5
-80°	84.0	82.4	80.6	78.2	75.4	72.3	68.9	65.8	62.4	59.3	56.4
-82.5°	57.3	56.7	55.9	53.9	51.7	49.6	47.5	45.6	43.6	41.5	39.3
-85°	32.2	32.1	31.8	30.9	29.9	28.8	27.6	26.3	25.0	23.6	22.1
-87.5°	11.4	11.2	11.0	10.7	10.5	10.2	9.9	9.6	9.3	8.9	8.6
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



REPORT NUMBER: P626985 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA2D-740-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°	8.2	7.8	7.4	6.9	6.5	6.0	5.6	5.1	4.6	4.1	3.6
85°	20.6	19.0	17.4	15.7	13.9	12.1	11.2	10.2	9.3	8.3	7.3
82.5°	37.0	34.6	32.1	29.5	26.9	24.2	21.4	18.5	15.5	12.6	10.9
80°	53.3	50.1	46.8	43.4	40.0	36.2	32.5	28.6	24.4	20.3	16.4
77.5°	71.7	66.7	61.6	57.3	53.3	49.0	44.3	39.0	33.2	27.9	22.9
75°	91.9	85.9	79.7	73.6	67.7	61.8	56.4	50.1	42.9	35.6	29.3
72.5°	112.7	105.8	98.2	90.6	83.6	76.5	69.1	61.2	52.9	44.5	36.0
70°	134.8	126.2	117.8	109.1	100.1	91.2	82.7	73.2	62.8	53.3	43.7
67.5°	157.6	147.4	137.3	127.4	117.3	106.9	96.3	85.2	73.7	62.0	51.3
65°	180.9	168.9	156.6	145.6	134.2	122.6	110.7	97.2	84.3	71.5	58.8
62.5°	204.7	190.8	177.2	163.8	151.0	138.1	124.8	109.6	94.9	80.8	66.7
60°	228.7	212.7	197.3	182.4	167.7	153.4	138.3	121.7	105.6	89.9	74.7
57.5°	251.7	234.0	216.6	200.3	184.3	168.4	151.5	133.6	115.9	98.9	82.5
55°	274.0	255.9	235.5	216.9	199.9	183.0	164.4	145.4	126.0	107.7	90.0
52.5°	293.7	275.7	254.5	233.2	214.2	196.5	176.6	156.8	136.3	116.1	97.4
50°	311.5	293.2	272.0	249.6	227.9	208.3	188.2	167.3	146.2	124.4	104.5
47.5°	326.9	309.4	288.4	265.0	241.8	219.6	198.8	177.2	155.8	132.9	111.3
45°	340.8	325.0	304.1	280.1	254.7	231.1	208.7	186.7	164.2	141.1	117.9
42.5°	353.8	338.4	319.4	294.8	267.8	242.2	218.2	195.3	172.1	148.9	124.5
40°	365.6	350.1	333.7	308.7	280.3	252.6	227.6	203.5	179.6	156.0	130.9
37.5°	377.2	361.3	344.1	321.6	291.9	263.2	236.3	211.2	186.7	162.3	136.9
35°	389.2	372.1	353.4	331.7	303.1	272.9	244.4	218.5	193.4	168.2	142.4
32.5°	400.7	381.8	361.8	340.3	313.5	281.8	252.2	225.6	199.7	173.8	147.6
30°	411.9	389.8	369.3	349.0	322.5	290.5	259.9	232.1	205.6	179.0	152.3
27.5°	420.5	396.7	376.0	355.9	330.1	298.5	267.3	238.2	211.0	183.7	156.4
25°	428.2	403.4	381.6	361.3	337.6	306.8	274.1	243.7	215.9	188.1	160.2
22.5°	435.9	409.2	386.3	366.0	344.7	314.2	280.6	249.3	220.4	192.0	163.5
20°	442.5	413.9	390.2	370.2	349.4	320.0	286.6	254.2	224.3	195.4	166.5
17.5°	448.2	418.7	394.4	373.7	352.6	325.0	291.9	258.5	227.7	198.5	169.1
15°	454.0	423.6	397.9	376.4	355.4	329.0	296.4	262.1	230.6	201.0	171.6
12.5°	459.0	427.3	400.6	378.3	357.8	332.1	300.1	265.1	233.0	203.4	173.8
10°	462.8	429.7	402.5	379.5	359.6	334.4	303.0	267.9	235.8	205.6	175.7
7.5°	465.5	430.9	403.6	380.0	361.0	336.5	305.9	271.0	238.3	207.2	177.1
5°	467.4	431.4	404.3	381.1	361.7	338.4	307.9	273.3	240.4	208.4	178.2
2.5°	469.5	431.7	404.4	382.0	361.7	339.5	309.1	275.1	241.9	209.2	178.8
0°	470.3	430.9	403.6	382.3	361.1	339.9	309.5	276.1	242.8	209.4	179.0
-2.5°	469.5	431.7	404.4	382.0	361.7	339.5	309.1	275.1	241.9	209.2	178.8
-5°	467.4	431.4	404.3	381.1	361.7	338.4	307.9	273.3	240.4	208.4	178.2
-7.5°	465.5	430.9	403.6	380.0	361.0	336.5	305.9	271.0	238.3	207.2	177.1
-10°	462.8	429.7	402.5	379.5	359.6	334.4	303.0	267.9	235.8	205.6	175.7
-12.5°	459.0	427.3	400.6	378.3	357.8	332.1	300.1	265.1	233.0	203.4	173.8
-15°	454.0	423.6	397.9	376.4	355.4	329.0	296.4	262.1	230.6	201.0	171.6
-17.5°	448.2	418.7	394.4	373.7	352.6	325.0	291.9	258.5	227.7	198.5	169.1
-20°	442.5	413.9	390.2	370.2	349.4	320.0	286.6	254.2	224.3	195.4	166.5

Classified

Cooper Lighting Solutions Photometric Lab
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Scaled Data Report



REPORT NUMBER: P626985 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA2D-740-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°	435.9	409.2	386.3	366.0	344.7	314.2	280.6	249.3	220.4	192.0	163.5
-25°	428.2	403.4	381.6	361.3	337.6	306.8	274.1	243.7	215.9	188.1	160.2
-27.5°	420.5	396.7	376.0	355.9	330.1	298.5	267.3	238.2	211.0	183.7	156.4
-30°	411.9	389.8	369.3	349.0	322.5	290.5	259.9	232.1	205.6	179.0	152.3
-32.5°	400.7	381.8	361.8	340.3	313.5	281.8	252.2	225.6	199.7	173.8	147.6
-35°	389.2	372.1	353.4	331.7	303.1	272.9	244.4	218.5	193.4	168.2	142.4
-37.5°	377.2	361.3	344.1	321.6	291.9	263.2	236.3	211.2	186.7	162.3	136.9
-40°	365.6	350.1	333.7	308.7	280.3	252.6	227.6	203.5	179.6	156.0	130.9
-42.5°	353.8	338.4	319.4	294.8	267.8	242.2	218.2	195.3	172.1	148.9	124.5
-45°	340.8	325.0	304.1	280.1	254.7	231.1	208.7	186.7	164.2	141.1	117.9
-47.5°	326.9	309.4	288.4	265.0	241.8	219.6	198.8	177.2	155.8	132.9	111.3
-50°	311.5	293.2	272.0	249.6	227.9	208.3	188.2	167.3	146.2	124.4	104.5
-52.5°	293.7	275.7	254.5	233.2	214.2	196.5	176.6	156.8	136.3	116.1	97.4
-55°	274.0	255.9	235.5	216.9	199.9	183.0	164.4	145.4	126.0	107.7	90.0
-57.5°	251.7	234.0	216.6	200.3	184.3	168.4	151.5	133.6	115.9	98.9	82.5
-60°	228.7	212.7	197.3	182.4	167.7	153.4	138.3	121.7	105.6	89.9	74.7
-62.5°	204.7	190.8	177.2	163.8	151.0	138.1	124.8	109.6	94.9	80.8	66.7
-65°	180.9	168.9	156.6	145.6	134.2	122.6	110.7	97.2	84.3	71.5	58.8
-67.5°	157.6	147.4	137.3	127.4	117.3	106.9	96.3	85.2	73.7	62.0	51.3
-70°	134.8	126.2	117.8	109.1	100.1	91.2	82.7	73.2	62.8	53.3	43.7
-72.5°	112.7	105.8	98.2	90.6	83.6	76.5	69.1	61.2	52.9	44.5	36.0
-75°	91.9	85.9	79.7	73.6	67.7	61.8	56.4	50.1	42.9	35.6	29.3
-77.5°	71.7	66.7	61.6	57.3	53.3	49.0	44.3	39.0	33.2	27.9	22.9
-80°	53.3	50.1	46.8	43.4	40.0	36.2	32.5	28.6	24.4	20.3	16.4
-82.5°	37.0	34.6	32.1	29.5	26.9	24.2	21.4	18.5	15.5	12.6	10.9
-85°	20.6	19.0	17.4	15.7	13.9	12.1	11.2	10.2	9.3	8.3	7.3
-87.5°	8.2	7.8	7.4	6.9	6.5	6.0	5.6	5.1	4.6	4.1	3.6
-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: P626985 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA2D-740-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°	3.1	2.6	2.1	1.6	1.1	0.5	0.0
85°	6.3	5.2	4.2	3.2	2.1	1.1	0.0
82.5°	9.4	7.8	6.3	4.7	3.2	1.6	0.0
80°	12.7	10.4	8.4	6.3	4.2	2.1	0.0
77.5°	18.2	13.7	10.4	7.8	5.2	2.6	0.0
75°	23.5	18.2	12.7	9.4	6.3	3.1	0.0
72.5°	28.8	22.6	16.3	10.9	7.3	3.6	0.0
70°	34.3	27.0	19.8	12.6	8.3	4.1	0.0
67.5°	40.9	31.3	23.3	15.2	9.3	4.6	0.0
65°	47.4	36.1	26.7	17.7	10.2	5.1	0.0
62.5°	53.8	41.4	30.0	20.2	11.2	5.6	0.0
60°	60.0	46.6	33.2	22.7	12.1	6.0	0.0
57.5°	66.5	51.7	37.3	25.1	13.7	6.5	0.0
55°	72.9	56.7	41.2	27.4	15.2	6.9	0.0
52.5°	79.1	61.5	45.1	29.6	16.7	7.4	0.0
50°	85.0	66.4	48.8	31.8	18.2	7.8	0.0
47.5°	90.7	71.1	52.4	34.0	19.6	8.2	0.0
45°	96.3	75.5	55.8	36.6	20.9	8.6	0.0
42.5°	101.7	79.8	59.1	39.1	22.2	8.9	0.0
40°	106.9	83.8	62.3	41.4	23.4	9.3	0.0
37.5°	111.7	87.5	65.3	43.6	24.6	9.6	0.0
35°	116.3	91.2	68.2	45.6	25.7	9.9	0.0
32.5°	120.6	94.8	70.8	47.5	26.7	10.2	0.0
30°	124.8	98.1	73.3	49.2	27.7	10.5	0.0
27.5°	128.5	101.2	75.5	50.8	28.6	10.7	0.0
25°	131.9	104.0	77.5	52.2	29.4	11.0	0.0
22.5°	134.9	106.5	79.4	53.5	30.1	11.2	0.0
20°	137.6	108.8	81.1	54.5	30.8	11.4	0.0
17.5°	140.0	110.6	82.7	55.5	31.4	11.5	0.0
15°	142.2	112.2	84.0	56.3	31.9	11.7	0.0
12.5°	144.1	113.5	85.2	56.9	32.4	11.8	0.0
10°	145.7	114.4	86.2	57.3	32.8	11.9	0.0
7.5°	147.0	115.1	87.0	57.6	33.0	12.0	0.0
5°	147.9	115.4	87.5	57.8	33.2	12.1	0.0
2.5°	148.5	115.5	87.9	57.8	33.4	12.1	0.0
0°	148.7	115.3	88.0	57.7	33.4	12.1	0.0
-2.5°	148.5	115.5	87.9	57.8	33.4	12.1	0.0
-5°	147.9	115.4	87.5	57.8	33.2	12.1	0.0
-7.5°	147.0	115.1	87.0	57.6	33.0	12.0	0.0
-10°	145.7	114.4	86.2	57.3	32.8	11.9	0.0
-12.5°	144.1	113.5	85.2	56.9	32.4	11.8	0.0
-15°	142.2	112.2	84.0	56.3	31.9	11.7	0.0
-17.5°	140.0	110.6	82.7	55.5	31.4	11.5	0.0
-20°	137.6	108.8	81.1	54.5	30.8	11.4	0.0

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CATALOG NUMBER: GFLD-SA2D-740-U-MR-XX

CANDELA DISTRIBUTION (continued):

	75°	77.5°	80°	82.5°	85°	87.5°	90°
-22.5°	134.9	106.5	79.4	53.5	30.1	11.2	0.0
-25°	131.9	104.0	77.5	52.2	29.4	11.0	0.0
-27.5°	128.5	101.2	75.5	50.8	28.6	10.7	0.0
-30°	124.8	98.1	73.3	49.2	27.7	10.5	0.0
-32.5°	120.6	94.8	70.8	47.5	26.7	10.2	0.0
-35°	116.3	91.2	68.2	45.6	25.7	9.9	0.0
-37.5°	111.7	87.5	65.3	43.6	24.6	9.6	0.0
-40°	106.9	83.8	62.3	41.4	23.4	9.3	0.0
-42.5°	101.7	79.8	59.1	39.1	22.2	8.9	0.0
-45°	96.3	75.5	55.8	36.6	20.9	8.6	0.0
-47.5°	90.7	71.1	52.4	34.0	19.6	8.2	0.0
-50°	85.0	66.4	48.8	31.8	18.2	7.8	0.0
-52.5°	79.1	61.5	45.1	29.6	16.7	7.4	0.0
-55°	72.9	56.7	41.2	27.4	15.2	6.9	0.0
-57.5°	66.5	51.7	37.3	25.1	13.7	6.5	0.0
-60°	60.0	46.6	33.2	22.7	12.1	6.0	0.0
-62.5°	53.8	41.4	30.0	20.2	11.2	5.6	0.0
-65°	47.4	36.1	26.7	17.7	10.2	5.1	0.0
-67.5°	40.9	31.3	23.3	15.2	9.3	4.6	0.0
-70°	34.3	27.0	19.8	12.6	8.3	4.1	0.0
-72.5°	28.8	22.6	16.3	10.9	7.3	3.6	0.0
-75°	23.5	18.2	12.7	9.4	6.3	3.1	0.0
-77.5°	18.2	13.7	10.4	7.8	5.2	2.6	0.0
-80°	12.7	10.4	8.4	6.3	4.2	2.1	0.0
-82.5°	9.4	7.8	6.3	4.7	3.2	1.6	0.0
-85°	6.3	5.2	4.2	3.2	2.1	1.1	0.0
-87.5°	3.1	2.6	2.1	1.6	1.1	0.5	0.0
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0

(END OF REPORT)