

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: P626633 (CONVERTED FROM TYPE C PHOTOMETRY)

Luminaire Tested: **GFLD-SA1B-740-U-WR-XX**

Issue Date: 12/7/2022

Test Information

Test Method: LM-79-08
Report Number: P626633 (CONVERTED FROM TYPE C PHOTOMETRY)
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G2-2209-766-1)
Test Lab: COOPER LIGHTING SOLUTIONS
Issue Date: 12/7/2022
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: MCGRAW-EDISON
Catalog Number: GFLD-SA1B-740-U-WR-XX
Description: GALLEON FLOOD, ONE LIGHT SQAURE, WIDE SYMMETRICAL ROUND N27
Light Source: (16) 4000K CCT, 70 CRI LEDS
Ballast/Driver: -

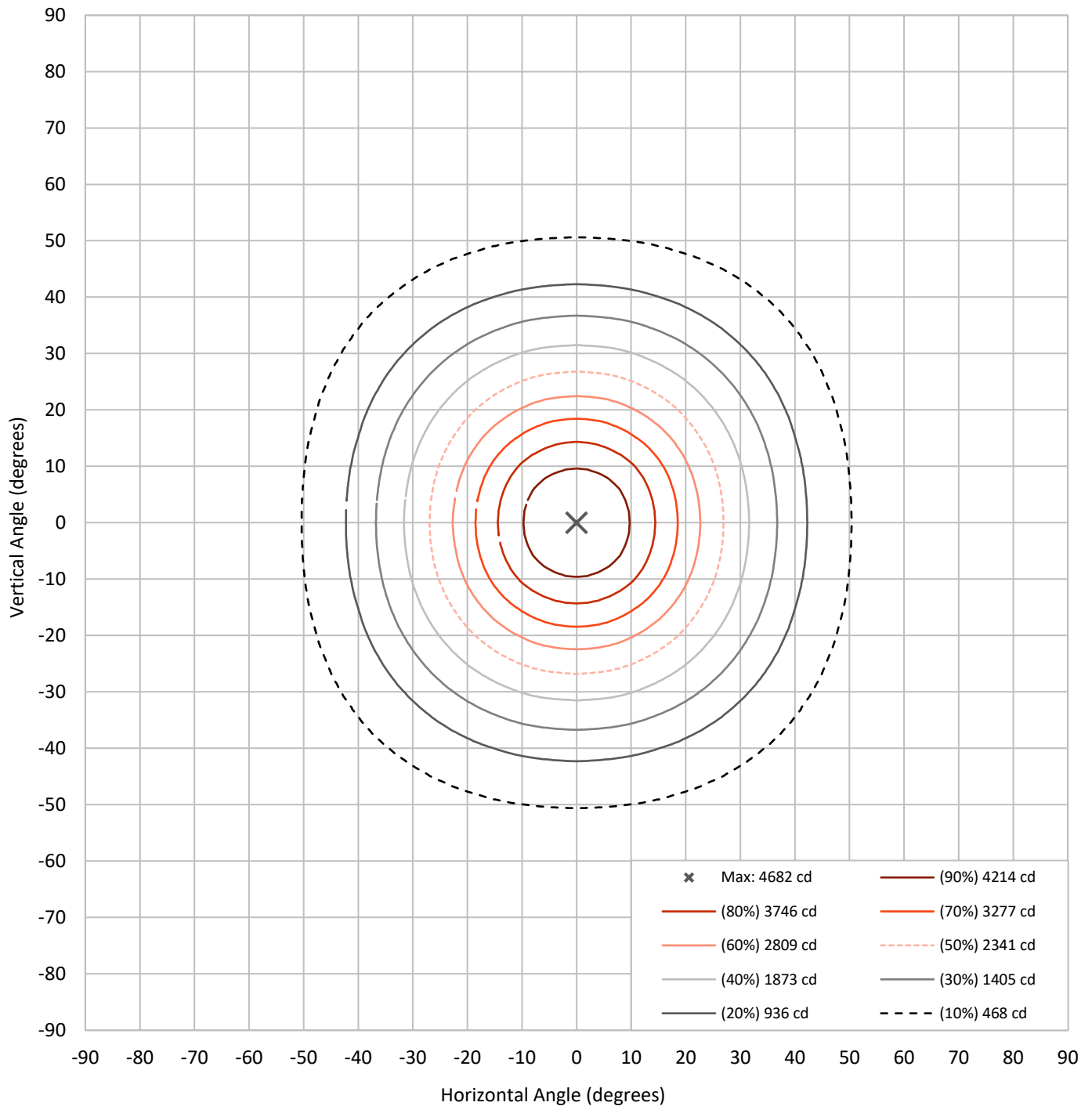
Summary

Lumens per Lamp:	N/A	NEMA Type:	6H x 6V
Luminaire Lumens:	4765.2 lumens	Max Intensity:	4682 candela
Efficiency:	N/A	Max Intensity Angle:	0°H x 0°V
Efficacy:	142.2 lumens/watt		
Luminous Opening:	Rectangular (W 0.5' x L: 0.5' x H: 0')		
Beam Angle (50%):	53.8°H x 53.6°V	Field Angle (10%):	100.8°H x 101.2°V
Beam Lumens:	2278.4 lumens	Field Lumens:	4205.4 lumens
Beam Efficiency:	47.8%	Field Efficiency:	88.3%
Input Watts (W):	33.5		
Input Voltage (V):	120		
Input Current (Ain):	NR		
Voltage Rise (V):	NR		
Power Factor:	NR		
Total Harmonic Distortion (THDi):	NR		
Frequency (hertz):	60		
Stabilization Time:	NR		
Operation Time:	NR		
Ambient Temperature (°C):	NR		
Test Distance:	25 FT		



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Iso-Candela Plot





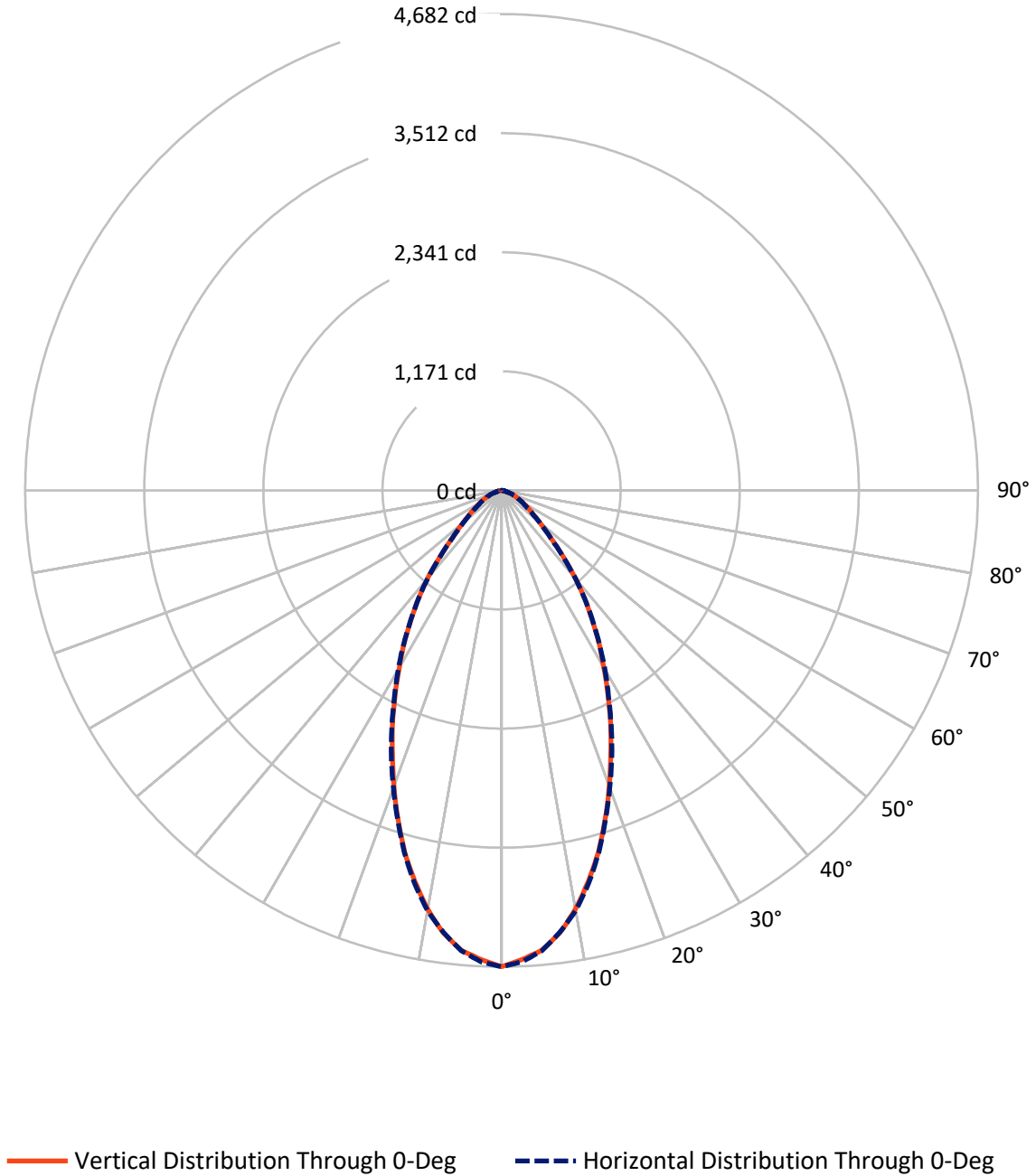
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Lumen Table

90																			
80	0.2	1.3		3.0		5.0		4.3		5.0		3.0		1.3		0.2			
70																			
60	0.6	0.7	1.4	2.2	3.2	4.1	4.8	5.2	5.2	4.8	4.1	3.2	2.2	1.4	0.7	0.6			
50		1.0	2.1	3.6	5.5	7.5	9.4	10.5	10.5	9.4	7.5	5.5	3.6	2.1	1.0				
40	0.9	1.3	2.9	5.3	9.0	13.8	19.1	22.6	22.6	19.1	13.8	9.0	5.3	2.9	1.3	0.9			
30		1.6	3.7	7.8	15.1	26.8	39.0	46.2	46.2	39.0	26.8	15.1	7.8	3.7	1.6				
20	1.1	1.9	4.7	10.9	24.4	43.9	62.8	75.1	75.1	62.8	43.9	24.4	10.9	4.7	1.9	1.1			
10		2.1	5.5	14.1	33.3	59.3	87.5	107.6	107.6	87.5	59.3	33.3	14.1	5.5	2.1				
0	1.1	2.2	5.9	16.2	38.4	68.9	104.8	131.9	131.9	104.8	68.9	38.4	16.2	5.9	2.2	1.1			
-10		2.2	5.9	16.2	38.4	68.9	104.8	131.9	131.9	104.8	68.9	38.4	16.2	5.9	2.2				
-20	1.1	2.1	5.5	14.1	33.3	59.3	87.5	107.6	107.6	87.5	59.3	33.3	14.1	5.5	2.1	1.1			
-30		1.9	4.7	10.9	24.4	43.9	62.8	75.1	75.1	62.8	43.9	24.4	10.9	4.7	1.9				
-40	0.9	1.6	3.7	7.8	15.1	26.8	39.0	46.2	46.2	39.0	26.8	15.1	7.8	3.7	1.6	0.9			
-50		1.3	2.9	5.3	9.0	13.8	19.1	22.6	22.6	19.1	13.8	9.0	5.3	2.9	1.3				
-60	0.6	1.0	2.1	3.6	5.5	7.5	9.4	10.5	10.5	9.4	7.5	5.5	3.6	2.1	1.0	0.6			
-70		0.7	1.4	2.2	3.2	4.1	4.8	5.2	5.2	4.8	4.1	3.2	2.2	1.4	0.7				
-80																			
-90	0.2	1.3		3.0		5.0		4.3		5.0		3.0		1.3		0.2			
	-90	-80	-70	-60	-50	-40	-30	-20	-10	0	10	20	30	40	50	60	70	80	90

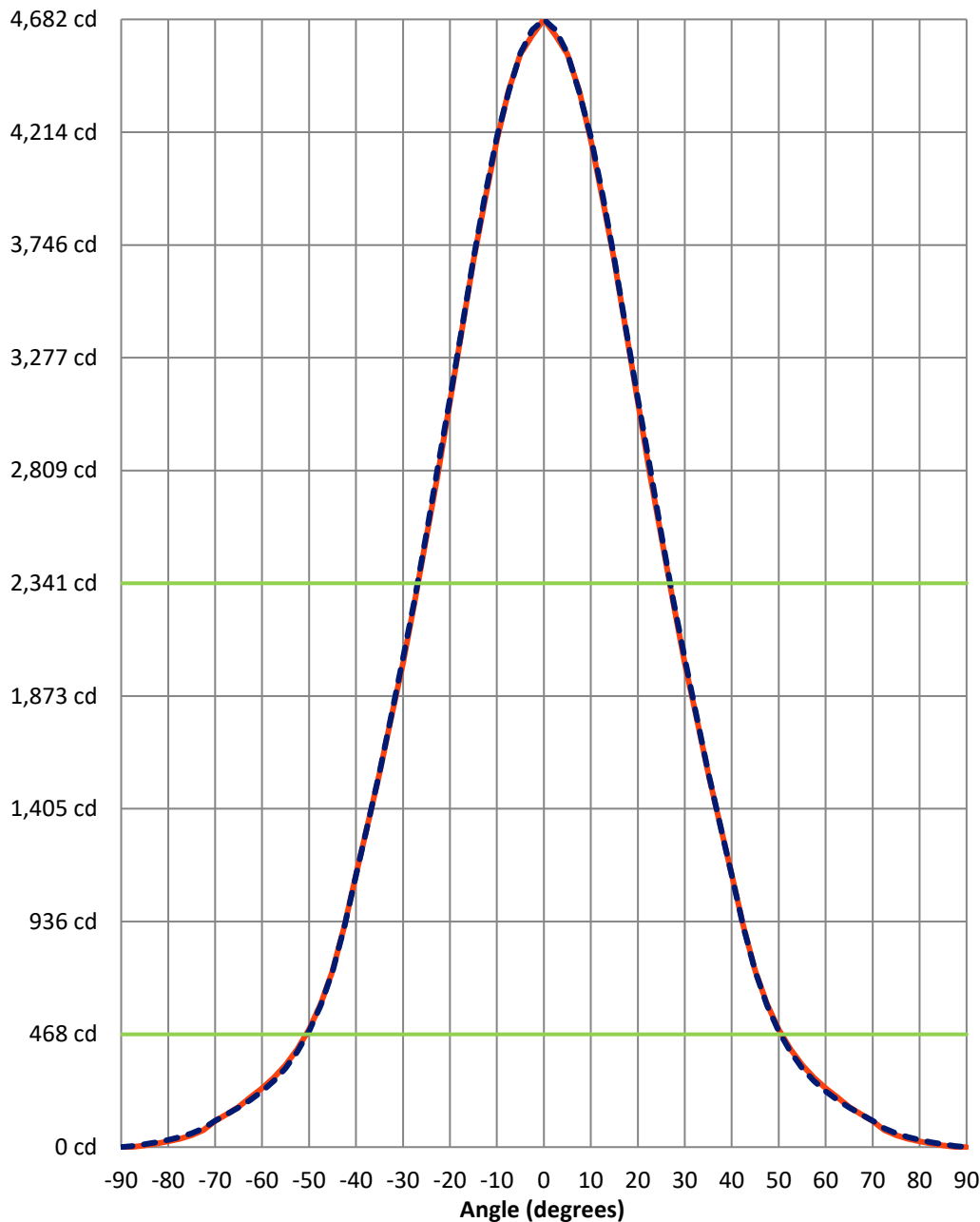
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Luminous Intensity Polar Plot



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Luminous Intensity Plot



Beam:
 H Angle: 53.8°
 V Angle: 53.6°
 Lumens: 2278.4
 Efficiency: 47.8%

Field:
 H Angle: 100.8°
 V Angle: 101.2°
 Lumens: 4205.4
 Efficiency: 88.3%

Spill:
 Lumens: 559.7
 Efficiency: 11.7%

- 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	0.2	0.5	0.9	1.3	1.7	2.2	2.5	2.7	2.8	2.9
85°	0.0	0.5	1.1	1.8	2.6	3.5	4.4	4.9	5.3	5.6	5.8
82.5°	0.0	0.7	1.6	2.7	3.9	5.2	6.6	7.4	8.1	9.4	10.5
80°	0.0	0.9	2.2	3.6	5.1	6.9	9.0	11.2	13.1	14.8	16.3
77.5°	0.0	1.2	2.7	4.4	6.4	8.9	12.9	15.7	18.1	20.2	22.3
75°	0.0	1.4	3.2	5.3	7.7	11.7	16.6	20.2	23.1	25.9	29.0
72.5°	0.0	1.6	3.7	6.1	9.6	14.4	20.3	24.6	28.0	31.7	35.6
70°	0.0	1.8	4.2	7.0	11.3	16.9	23.7	28.8	32.9	37.4	42.6
67.5°	0.0	2.1	4.7	8.1	13.0	19.4	26.7	32.9	37.7	43.2	49.5
65°	0.0	2.3	5.2	9.1	14.7	21.6	29.6	36.8	42.5	48.9	56.0
62.5°	0.0	2.5	5.6	10.1	16.2	23.7	32.2	40.6	47.0	54.3	62.1
60°	0.0	2.7	6.1	11.0	17.6	25.6	34.7	44.2	51.3	59.5	68.0
57.5°	0.0	2.9	6.6	11.9	18.9	27.4	37.0	47.4	55.7	64.6	73.5
55°	0.0	3.0	7.1	12.7	20.2	29.1	39.1	50.0	60.0	69.5	78.7
52.5°	0.0	3.2	7.6	13.4	21.3	30.6	41.0	52.7	64.1	74.1	83.8
50°	0.0	3.4	8.0	14.1	22.3	32.0	42.7	55.4	68.1	78.6	89.3
47.5°	0.0	3.5	8.5	14.7	23.2	33.2	44.4	57.8	72.0	83.0	94.8
45°	0.0	3.7	8.9	15.3	24.0	34.3	46.2	59.9	74.8	87.8	100.1
42.5°	0.0	3.8	9.3	15.8	24.7	35.3	47.8	62.0	77.4	92.3	105.6
40°	0.0	3.9	9.7	16.4	25.4	36.1	49.2	64.0	79.9	96.6	110.9
37.5°	0.0	4.1	10.0	17.0	25.9	36.8	50.4	65.9	82.7	99.9	116.0
35°	0.0	4.2	10.3	17.5	26.4	37.5	51.4	67.5	85.4	103.6	121.1
32.5°	0.0	4.3	10.6	18.0	26.7	38.2	52.4	69.0	87.9	107.4	126.4
30°	0.0	4.4	10.9	18.4	27.0	38.8	53.4	70.4	90.3	111.2	131.3
27.5°	0.0	4.4	11.1	18.8	27.6	39.2	54.2	72.1	92.8	115.0	136.0
25°	0.0	4.5	11.4	19.2	28.1	39.4	54.9	73.7	95.6	118.7	140.3
22.5°	0.0	4.6	11.5	19.5	28.6	39.8	55.3	75.0	98.3	122.2	145.1
20°	0.0	4.6	11.7	19.7	29.0	40.5	55.6	76.2	100.8	125.2	149.3
17.5°	0.0	4.6	11.8	19.9	29.4	41.1	56.2	77.1	103.2	128.0	153.1
15°	0.0	4.7	11.9	20.1	29.7	41.5	57.0	78.0	105.2	130.3	156.3
12.5°	0.0	4.7	12.0	20.2	29.9	41.9	57.5	78.8	107.0	132.3	159.0
10°	0.0	4.7	12.0	20.2	30.0	42.1	57.8	79.3	108.4	133.9	161.1
7.5°	0.0	4.7	12.0	20.2	30.1	42.2	58.0	79.4	109.3	135.1	162.8
5°	0.0	4.7	12.0	20.1	30.1	42.1	57.9	79.2	109.9	135.9	164.0
2.5°	0.0	4.6	12.0	20.0	30.0	42.0	57.6	78.6	109.9	136.4	164.5
0°	0.0	4.6	11.9	19.9	29.8	41.7	57.2	77.8	109.5	136.3	164.5
-2.5°	0.0	4.6	12.0	20.0	30.0	42.0	57.6	78.6	109.9	136.4	164.5
-5°	0.0	4.7	12.0	20.1	30.1	42.1	57.9	79.2	109.9	135.9	164.0
-7.5°	0.0	4.7	12.0	20.2	30.1	42.2	58.0	79.4	109.3	135.1	162.8
-10°	0.0	4.7	12.0	20.2	30.0	42.1	57.8	79.3	108.4	133.9	161.1
-12.5°	0.0	4.7	12.0	20.2	29.9	41.9	57.5	78.8	107.0	132.3	159.0
-15°	0.0	4.7	11.9	20.1	29.7	41.5	57.0	78.0	105.2	130.3	156.3
-17.5°	0.0	4.6	11.8	19.9	29.4	41.1	56.2	77.1	103.2	128.0	153.1
-20°	0.0	4.6	11.7	19.7	29.0	40.5	55.6	76.2	100.8	125.2	149.3

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CATALOG NUMBER: GFLD-SA1B-740-U-WR-XX

CANDELA DISTRIBUTION (continued):

	-90°	-87.5°	-85°	-82.5°	-80°	-77.5°	-75°	-72.5°	-70°	-67.5°	-65°
-22.5°	0.0	4.6	11.5	19.5	28.6	39.8	55.3	75.0	98.3	122.2	145.1
-25°	0.0	4.5	11.4	19.2	28.1	39.4	54.9	73.7	95.6	118.7	140.3
-27.5°	0.0	4.4	11.1	18.8	27.6	39.2	54.2	72.1	92.8	115.0	136.0
-30°	0.0	4.4	10.9	18.4	27.0	38.8	53.4	70.4	90.3	111.2	131.3
-32.5°	0.0	4.3	10.6	18.0	26.7	38.2	52.4	69.0	87.9	107.4	126.4
-35°	0.0	4.2	10.3	17.5	26.4	37.5	51.4	67.5	85.4	103.6	121.1
-37.5°	0.0	4.1	10.0	17.0	25.9	36.8	50.4	65.9	82.7	99.9	116.0
-40°	0.0	3.9	9.7	16.4	25.4	36.1	49.2	64.0	79.9	96.6	110.9
-42.5°	0.0	3.8	9.3	15.8	24.7	35.3	47.8	62.0	77.4	92.3	105.6
-45°	0.0	3.7	8.9	15.3	24.0	34.3	46.2	59.9	74.8	87.8	100.1
-47.5°	0.0	3.5	8.5	14.7	23.2	33.2	44.4	57.8	72.0	83.0	94.8
-50°	0.0	3.4	8.0	14.1	22.3	32.0	42.7	55.4	68.1	78.6	89.3
-52.5°	0.0	3.2	7.6	13.4	21.3	30.6	41.0	52.7	64.1	74.1	83.8
-55°	0.0	3.0	7.1	12.7	20.2	29.1	39.1	50.0	60.0	69.5	78.7
-57.5°	0.0	2.9	6.6	11.9	18.9	27.4	37.0	47.4	55.7	64.6	73.5
-60°	0.0	2.7	6.1	11.0	17.6	25.6	34.7	44.2	51.3	59.5	68.0
-62.5°	0.0	2.5	5.6	10.1	16.2	23.7	32.2	40.6	47.0	54.3	62.1
-65°	0.0	2.3	5.2	9.1	14.7	21.6	29.6	36.8	42.5	48.9	56.0
-67.5°	0.0	2.1	4.7	8.1	13.0	19.4	26.7	32.9	37.7	43.2	49.5
-70°	0.0	1.8	4.2	7.0	11.3	16.9	23.7	28.8	32.9	37.4	42.6
-72.5°	0.0	1.6	3.7	6.1	9.6	14.4	20.3	24.6	28.0	31.7	35.6
-75°	0.0	1.4	3.2	5.3	7.7	11.7	16.6	20.2	23.1	25.9	29.0
-77.5°	0.0	1.2	2.7	4.4	6.4	8.9	12.9	15.7	18.1	20.2	22.3
-80°	0.0	0.9	2.2	3.6	5.1	6.9	9.0	11.2	13.1	14.8	16.3
-82.5°	0.0	0.7	1.6	2.7	3.9	5.2	6.6	7.4	8.1	9.4	10.5
-85°	0.0	0.5	1.1	1.8	2.6	3.5	4.4	4.9	5.3	5.6	5.8
-87.5°	0.0	0.2	0.5	0.9	1.3	1.7	2.2	2.5	2.7	2.8	2.9
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



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CATALOG NUMBER: GFLD-SA1B-740-U-WR-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	3.0	2.9	2.9	2.7	2.6	2.4	2.1	2.2	2.3	2.4
85°	5.9	6.0	6.5	6.9	7.2	7.2	7.0	6.7	7.6	8.6	9.6
82.5°	11.6	12.7	13.6	14.5	14.6	14.4	13.9	13.4	15.2	17.3	19.5
80°	17.8	19.3	21.1	22.7	23.0	22.9	22.4	21.6	23.9	27.2	30.8
77.5°	24.8	27.1	29.3	31.4	32.0	31.9	31.5	30.9	33.8	38.4	43.1
75°	32.1	34.9	37.8	40.3	41.4	41.4	41.3	42.0	45.9	51.3	56.0
72.5°	39.7	43.3	46.5	49.3	51.0	52.3	54.0	56.2	60.1	65.4	70.0
70°	47.7	51.8	55.2	58.2	60.8	63.7	67.3	71.0	75.1	80.4	85.2
67.5°	55.7	59.8	63.6	67.3	72.1	76.7	81.3	86.0	91.3	96.8	101.6
65°	63.1	67.7	72.3	77.8	84.0	89.2	94.8	101.0	107.9	114.0	119.7
62.5°	70.1	75.3	81.1	87.7	94.4	100.9	108.4	116.4	124.4	132.2	139.9
60°	76.1	82.6	89.6	97.0	104.8	113.6	122.4	131.9	141.5	150.9	160.4
57.5°	81.8	89.9	97.9	106.6	116.2	126.4	137.0	147.6	159.1	170.4	181.2
55°	87.8	97.2	106.4	116.7	127.8	139.6	151.6	164.5	177.2	191.4	204.6
52.5°	94.1	104.5	115.2	127.0	139.9	153.3	167.4	182.1	197.9	213.7	229.8
50°	100.3	112.0	124.0	138.0	152.5	167.8	184.0	201.3	219.6	238.0	257.4
47.5°	106.8	119.3	133.9	149.1	165.7	183.1	201.6	222.0	242.4	265.5	287.8
45°	113.2	127.5	143.4	161.1	179.3	198.9	220.8	243.3	269.3	295.4	324.7
42.5°	119.4	135.9	153.8	172.7	193.4	216.0	240.2	268.4	297.8	330.1	364.5
40°	126.4	143.8	164.0	185.1	207.6	233.4	262.5	293.9	329.7	368.0	407.1
37.5°	133.3	152.8	174.1	197.0	223.1	252.2	284.3	322.7	364.1	407.6	460.8
35°	139.7	161.3	184.5	209.6	237.9	271.5	309.9	352.4	400.1	456.2	518.3
32.5°	146.5	169.4	194.3	222.5	254.5	291.2	334.9	384.9	441.3	505.2	582.8
30°	153.4	177.8	204.0	234.6	270.1	312.6	362.3	417.6	482.4	562.5	653.7
27.5°	159.7	185.6	214.3	247.3	285.4	332.4	388.6	453.4	529.8	620.4	726.8
25°	165.6	192.7	223.8	259.5	302.2	353.8	414.7	486.5	577.2	685.2	816.2
22.5°	171.1	199.1	232.4	270.5	317.3	374.4	443.0	525.1	625.4	746.6	903.7
20°	176.3	206.1	240.8	280.9	330.8	393.1	469.0	561.2	675.3	818.8	989.6
17.5°	180.9	212.3	248.9	292.2	345.9	412.0	493.5	593.1	719.7	883.3	1068.8
15°	184.9	217.6	255.8	302.0	359.4	430.9	519.3	628.0	766.1	942.0	1138.4
12.5°	188.2	222.0	261.6	310.3	370.8	446.8	541.3	659.1	811.2	997.2	1199.4
10°	190.8	225.6	266.3	316.9	380.0	459.7	559.4	684.6	848.8	1044.5	1251.1
7.5°	193.0	228.4	269.9	322.0	387.0	469.6	573.5	704.3	878.2	1082.0	1290.7
5°	194.5	230.4	272.7	325.5	392.1	476.5	583.3	718.0	899.1	1109.2	1317.9
2.5°	195.4	231.4	274.3	327.4	395.2	480.4	588.5	726.6	910.6	1124.7	1334.2
0°	195.6	231.6	274.7	327.6	396.1	481.1	589.3	729.3	913.0	1128.7	1340.2
-2.5°	195.4	231.4	274.3	327.4	395.2	480.4	588.5	726.6	910.6	1124.7	1334.2
-5°	194.5	230.4	272.7	325.5	392.1	476.5	583.3	718.0	899.1	1109.2	1317.9
-7.5°	193.0	228.4	269.9	322.0	387.0	469.6	573.5	704.3	878.2	1082.0	1290.7
-10°	190.8	225.6	266.3	316.9	380.0	459.7	559.4	684.6	848.8	1044.5	1251.1
-12.5°	188.2	222.0	261.6	310.3	370.8	446.8	541.3	659.1	811.2	997.2	1199.4
-15°	184.9	217.6	255.8	302.0	359.4	430.9	519.3	628.0	766.1	942.0	1138.4
-17.5°	180.9	212.3	248.9	292.2	345.9	412.0	493.5	593.1	719.7	883.3	1068.8
-20°	176.3	206.1	240.8	280.9	330.8	393.1	469.0	561.2	675.3	818.8	989.6

Classified

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

Scaled Data Report



REPORT NUMBER: P626633 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA1B-740-U-WR-XX

CANDELA DISTRIBUTION (continued):

	-62.5°	-60°	-57.5°	-55°	-52.5°	-50°	-47.5°	-45°	-42.5°	-40°	-37.5°
-22.5°	171.1	199.1	232.4	270.5	317.3	374.4	443.0	525.1	625.4	746.6	903.7
-25°	165.6	192.7	223.8	259.5	302.2	353.8	414.7	486.5	577.2	685.2	816.2
-27.5°	159.7	185.6	214.3	247.3	285.4	332.4	388.6	453.4	529.8	620.4	726.8
-30°	153.4	177.8	204.0	234.6	270.1	312.6	362.3	417.6	482.4	562.5	653.7
-32.5°	146.5	169.4	194.3	222.5	254.5	291.2	334.9	384.9	441.3	505.2	582.8
-35°	139.7	161.3	184.5	209.6	237.9	271.5	309.9	352.4	400.1	456.2	518.3
-37.5°	133.3	152.8	174.1	197.0	223.1	252.2	284.3	322.7	364.1	407.6	460.8
-40°	126.4	143.8	164.0	185.1	207.6	233.4	262.5	293.9	329.7	368.0	407.1
-42.5°	119.4	135.9	153.8	172.7	193.4	216.0	240.2	268.4	297.8	330.1	364.5
-45°	113.2	127.5	143.4	161.1	179.3	198.9	220.8	243.3	269.3	295.4	324.7
-47.5°	106.8	119.3	133.9	149.1	165.7	183.1	201.6	222.0	242.4	265.5	287.8
-50°	100.3	112.0	124.0	138.0	152.5	167.8	184.0	201.3	219.6	238.0	257.4
-52.5°	94.1	104.5	115.2	127.0	139.9	153.3	167.4	182.1	197.9	213.7	229.8
-55°	87.8	97.2	106.4	116.7	127.8	139.6	151.6	164.5	177.2	191.4	204.6
-57.5°	81.8	89.9	97.9	106.6	116.2	126.4	137.0	147.6	159.1	170.4	181.2
-60°	76.1	82.6	89.6	97.0	104.8	113.6	122.4	131.9	141.5	150.9	160.4
-62.5°	70.1	75.3	81.1	87.7	94.4	100.9	108.4	116.4	124.4	132.2	139.9
-65°	63.1	67.7	72.3	77.8	84.0	89.2	94.8	101.0	107.9	114.0	119.7
-67.5°	55.7	59.8	63.6	67.3	72.1	76.7	81.3	86.0	91.3	96.8	101.6
-70°	47.7	51.8	55.2	58.2	60.8	63.7	67.3	71.0	75.1	80.4	85.2
-72.5°	39.7	43.3	46.5	49.3	51.0	52.3	54.0	56.2	60.1	65.4	70.0
-75°	32.1	34.9	37.8	40.3	41.4	41.4	41.3	42.0	45.9	51.3	56.0
-77.5°	24.8	27.1	29.3	31.4	32.0	31.9	31.5	30.9	33.8	38.4	43.1
-80°	17.8	19.3	21.1	22.7	23.0	22.9	22.4	21.6	23.9	27.2	30.8
-82.5°	11.6	12.7	13.6	14.5	14.6	14.4	13.9	13.4	15.2	17.3	19.5
-85°	5.9	6.0	6.5	6.9	7.2	7.2	7.0	6.7	7.6	8.6	9.6
-87.5°	3.0	3.0	2.9	2.9	2.7	2.6	2.4	2.1	2.2	2.3	2.4
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



REPORT NUMBER: P626633 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA1B-740-U-WR-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°	2.5	2.4	2.3	2.2	2.1	2.1	2.0	2.0	1.9	1.8	1.6
85°	10.8	11.0	11.1	11.2	11.2	11.5	11.9	12.2	12.4	11.3	10.0
82.5°	21.9	22.9	23.8	24.7	25.5	26.2	26.6	27.0	27.2	24.6	21.8
80°	34.4	36.6	38.4	40.1	41.7	42.1	42.1	41.9	41.4	37.9	33.9
77.5°	47.9	50.7	52.9	55.2	57.3	58.2	58.5	58.9	59.1	54.7	49.3
75°	60.1	63.5	66.6	69.5	72.2	73.6	74.5	75.2	75.7	71.3	65.6
72.5°	74.0	77.6	81.0	84.2	87.0	88.9	90.2	91.2	92.0	89.5	85.9
70°	89.3	93.0	96.6	100.0	103.2	105.7	107.7	109.5	110.9	111.2	111.0
67.5°	106.3	110.7	114.9	118.6	122.4	126.0	129.2	131.8	133.9	135.3	136.0
65°	125.4	131.9	137.8	142.7	146.9	151.7	155.9	159.1	161.4	163.1	164.6
62.5°	147.9	155.8	162.5	169.1	175.9	182.5	186.7	190.8	194.8	198.6	201.9
60°	169.5	178.2	187.2	195.7	203.5	210.7	218.1	224.6	230.4	235.2	238.8
57.5°	192.6	203.2	213.4	224.1	234.2	243.6	252.7	261.2	268.5	274.6	279.6
55°	217.6	230.6	242.8	256.3	269.5	281.4	292.5	303.8	314.0	323.0	330.1
52.5°	244.6	261.5	277.6	293.5	310.5	325.9	339.7	355.3	369.2	380.7	389.7
50°	276.8	296.6	317.9	337.6	359.1	380.3	399.8	418.7	437.2	453.2	466.1
47.5°	313.5	337.8	364.3	390.4	417.1	446.0	471.8	495.8	521.7	544.1	562.1
45°	354.2	385.3	417.2	454.0	487.8	525.0	559.4	590.3	627.0	659.2	685.2
42.5°	399.5	440.9	482.8	529.1	574.1	621.3	671.4	715.8	764.4	810.7	848.1
40°	455.6	505.1	561.2	617.3	681.8	742.3	815.3	881.6	941.9	997.1	1042.4
37.5°	517.9	581.6	652.1	725.2	813.4	899.9	985.3	1066.0	1137.2	1197.6	1248.4
35°	588.6	669.5	755.0	861.6	965.0	1068.6	1165.1	1253.2	1330.6	1398.9	1456.9
32.5°	670.0	767.1	886.8	1006.5	1124.5	1238.5	1344.4	1440.6	1525.5	1602.1	1668.8
30°	755.5	888.1	1022.4	1153.7	1282.5	1407.4	1523.7	1629.6	1725.6	1810.8	1887.7
27.5°	864.3	1011.1	1157.6	1299.1	1440.8	1577.6	1703.6	1821.2	1931.3	2027.7	2115.6
25°	969.4	1131.6	1287.3	1441.7	1595.9	1742.7	1883.6	2016.5	2142.6	2253.3	2351.3
22.5°	1074.5	1244.3	1410.7	1576.7	1742.4	1906.0	2064.2	2216.4	2357.5	2483.5	2593.9
20°	1171.9	1349.4	1527.3	1706.2	1885.8	2065.0	2242.6	2414.0	2571.1	2716.5	2844.3
17.5°	1259.2	1447.9	1636.5	1828.0	2022.7	2217.1	2414.5	2606.6	2786.3	2951.7	3099.9
15°	1336.5	1533.4	1736.0	1942.6	2151.6	2362.8	2578.2	2793.1	2995.4	3183.3	3348.7
12.5°	1404.1	1608.9	1821.2	2040.6	2267.5	2497.6	2732.7	2968.3	3192.1	3409.1	3587.7
10°	1459.9	1673.0	1894.9	2125.5	2364.8	2612.4	2864.6	3118.2	3364.8	3595.0	3799.3
7.5°	1502.9	1724.1	1952.7	2192.5	2443.6	2704.7	2971.9	3241.0	3504.2	3752.2	3978.3
5°	1533.3	1761.2	1992.8	2242.2	2502.0	2772.6	3050.3	3330.7	3605.8	3866.6	4100.9
2.5°	1551.0	1783.5	2016.0	2272.4	2536.8	2813.7	3098.9	3383.9	3666.3	3936.8	4177.5
0°	1555.6	1790.2	2029.4	2275.6	2547.6	2832.9	3107.9	3393.8	3687.3	3954.0	4193.9
-2.5°	1551.0	1783.5	2016.0	2272.4	2536.8	2813.7	3098.9	3383.9	3666.3	3936.8	4177.5
-5°	1533.3	1761.2	1992.8	2242.2	2502.0	2772.6	3050.3	3330.7	3605.8	3866.6	4100.9
-7.5°	1502.9	1724.1	1952.7	2192.5	2443.6	2704.7	2971.9	3241.0	3504.2	3752.2	3978.3
-10°	1459.9	1673.0	1894.9	2125.5	2364.8	2612.4	2864.6	3118.2	3364.8	3595.0	3799.3
-12.5°	1404.1	1608.9	1821.2	2040.6	2267.5	2497.6	2732.7	2968.3	3192.1	3409.1	3587.7
-15°	1336.5	1533.4	1736.0	1942.6	2151.6	2362.8	2578.2	2793.1	2995.4	3183.3	3348.7
-17.5°	1259.2	1447.9	1636.5	1828.0	2022.7	2217.1	2414.5	2606.6	2786.3	2951.7	3099.9
-20°	1171.9	1349.4	1527.3	1706.2	1885.8	2065.0	2242.6	2414.0	2571.1	2716.5	2844.3



REPORT NUMBER: P626633 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA1B-740-U-WR-XX

CANDELA DISTRIBUTION (continued):

	-35°	-32.5°	-30°	-27.5°	-25°	-22.5°	-20°	-17.5°	-15°	-12.5°	-10°
-22.5°	1074.5	1244.3	1410.7	1576.7	1742.4	1906.0	2064.2	2216.4	2357.5	2483.5	2593.9
-25°	969.4	1131.6	1287.3	1441.7	1595.9	1742.7	1883.6	2016.5	2142.6	2253.3	2351.3
-27.5°	864.3	1011.1	1157.6	1299.1	1440.8	1577.6	1703.6	1821.2	1931.3	2027.7	2115.6
-30°	755.5	888.1	1022.4	1153.7	1282.5	1407.4	1523.7	1629.6	1725.6	1810.8	1887.7
-32.5°	670.0	767.1	886.8	1006.5	1124.5	1238.5	1344.4	1440.6	1525.5	1602.1	1668.8
-35°	588.6	669.5	755.0	861.6	965.0	1068.6	1165.1	1253.2	1330.6	1398.9	1456.9
-37.5°	517.9	581.6	652.1	725.2	813.4	899.9	985.3	1066.0	1137.2	1197.6	1248.4
-40°	455.6	505.1	561.2	617.3	681.8	742.3	815.3	881.6	941.9	997.1	1042.4
-42.5°	399.5	440.9	482.8	529.1	574.1	621.3	671.4	715.8	764.4	810.7	848.1
-45°	354.2	385.3	417.2	454.0	487.8	525.0	559.4	590.3	627.0	659.2	685.2
-47.5°	313.5	337.8	364.3	390.4	417.1	446.0	471.8	495.8	521.7	544.1	562.1
-50°	276.8	296.6	317.9	337.6	359.1	380.3	399.8	418.7	437.2	453.2	466.1
-52.5°	244.6	261.5	277.6	293.5	310.5	325.9	339.7	355.3	369.2	380.7	389.7
-55°	217.6	230.6	242.8	256.3	269.5	281.4	292.5	303.8	314.0	323.0	330.1
-57.5°	192.6	203.2	213.4	224.1	234.2	243.6	252.7	261.2	268.5	274.6	279.6
-60°	169.5	178.2	187.2	195.7	203.5	210.7	218.1	224.6	230.4	235.2	238.8
-62.5°	147.9	155.8	162.5	169.1	175.9	182.5	186.7	190.8	194.8	198.6	201.9
-65°	125.4	131.9	137.8	142.7	146.9	151.7	155.9	159.1	161.4	163.1	164.6
-67.5°	106.3	110.7	114.9	118.6	122.4	126.0	129.2	131.8	133.9	135.3	136.0
-70°	89.3	93.0	96.6	100.0	103.2	105.7	107.7	109.5	110.9	111.2	111.0
-72.5°	74.0	77.6	81.0	84.2	87.0	88.9	90.2	91.2	92.0	89.5	85.9
-75°	60.1	63.5	66.6	69.5	72.2	73.6	74.5	75.2	75.7	71.3	65.6
-77.5°	47.9	50.7	52.9	55.2	57.3	58.2	58.5	58.9	59.1	54.7	49.3
-80°	34.4	36.6	38.4	40.1	41.7	42.1	42.1	41.9	41.4	37.9	33.9
-82.5°	21.9	22.9	23.8	24.7	25.5	26.2	26.6	27.0	27.2	24.6	21.8
-85°	10.8	11.0	11.1	11.2	11.2	11.5	11.9	12.2	12.4	11.3	10.0
-87.5°	2.5	2.4	2.3	2.2	2.1	2.1	2.0	2.0	1.9	1.8	1.6
-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: P626633 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA1B-740-U-WR-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°	1.5	1.3	1.1	1.0	1.1	1.3	1.5	1.6	1.8	1.9	2.0
85°	8.7	7.3	7.1	6.9	7.1	7.3	8.7	10.0	11.3	12.4	12.2
82.5°	18.7	15.6	15.1	14.6	15.1	15.6	18.7	21.8	24.6	27.2	27.0
80°	29.8	25.5	24.6	23.8	24.6	25.5	29.8	33.9	37.9	41.4	41.9
77.5°	43.7	37.8	36.0	34.4	36.0	37.8	43.7	49.3	54.7	59.1	58.9
75°	59.6	53.4	51.3	49.3	51.3	53.4	59.6	65.6	71.3	75.7	75.2
72.5°	82.3	78.5	74.7	70.5	74.7	78.5	82.3	85.9	89.5	92.0	91.2
70°	110.9	110.6	109.7	108.2	109.7	110.6	110.9	111.0	111.2	110.9	109.5
67.5°	136.4	136.3	136.6	136.7	136.6	136.3	136.4	136.0	135.3	133.9	131.8
65°	165.5	165.8	166.5	166.8	166.5	165.8	165.5	164.6	163.1	161.4	159.1
62.5°	204.4	206.1	206.9	206.8	206.9	206.1	204.4	201.9	198.6	194.8	190.8
60°	241.4	243.2	244.3	244.5	244.3	243.2	241.4	238.8	235.2	230.4	224.6
57.5°	283.6	286.5	288.0	288.2	288.0	286.5	283.6	279.6	274.6	268.5	261.2
55°	335.5	339.3	341.0	340.8	341.0	339.3	335.5	330.1	323.0	314.0	303.8
52.5°	396.4	401.1	404.6	406.7	404.6	401.1	396.4	389.7	380.7	369.2	355.3
50°	475.8	482.5	486.7	488.4	486.7	482.5	475.8	466.1	453.2	437.2	418.7
47.5°	575.1	583.9	590.4	595.0	590.4	583.9	575.1	562.1	544.1	521.7	495.8
45°	704.4	717.8	727.0	732.3	727.0	717.8	704.4	685.2	659.2	627.0	590.3
42.5°	877.4	898.3	911.0	915.9	911.0	898.3	877.4	848.1	810.7	764.4	715.8
40°	1078.1	1103.2	1119.6	1131.0	1119.6	1103.2	1078.1	1042.4	997.1	941.9	881.6
37.5°	1287.3	1313.6	1329.6	1340.5	1329.6	1313.6	1287.3	1248.4	1197.6	1137.2	1066.0
35°	1500.6	1528.2	1543.2	1551.6	1543.2	1528.2	1500.6	1456.9	1398.9	1330.6	1253.2
32.5°	1719.6	1750.0	1766.3	1783.2	1766.3	1750.0	1719.6	1668.8	1602.1	1525.5	1440.6
30°	1948.4	1983.3	2000.4	2008.6	2000.4	1983.3	1948.4	1887.7	1810.8	1725.6	1629.6
27.5°	2186.5	2229.9	2251.3	2265.4	2251.3	2229.9	2186.5	2115.6	2027.7	1931.3	1821.2
25°	2434.2	2488.0	2512.5	2534.4	2512.5	2488.0	2434.2	2351.3	2253.3	2142.6	2016.5
22.5°	2691.1	2758.1	2786.5	2802.1	2786.5	2758.1	2691.1	2593.9	2483.5	2357.5	2216.4
20°	2954.8	3034.9	3074.3	3094.6	3074.3	3034.9	2954.8	2844.3	2716.5	2571.1	2414.0
17.5°	3224.4	3324.1	3375.1	3386.8	3375.1	3324.1	3224.4	3099.9	2951.7	2786.3	2606.6
15°	3489.1	3596.9	3657.2	3679.3	3657.2	3596.9	3489.1	3348.7	3183.3	2995.4	2793.1
12.5°	3739.8	3851.5	3923.6	3936.4	3923.6	3851.5	3739.8	3587.7	3409.1	3192.1	2968.3
10°	3967.2	4082.9	4162.5	4180.7	4162.5	4082.9	3967.2	3799.3	3595.0	3364.8	3118.2
7.5°	4157.3	4284.2	4372.2	4387.5	4372.2	4284.2	4157.3	3978.3	3752.2	3504.2	3241.0
5°	4296.3	4447.1	4519.3	4537.4	4519.3	4447.1	4296.3	4100.9	3866.6	3605.8	3330.7
2.5°	4372.6	4526.0	4626.4	4614.8	4626.4	4526.0	4372.6	4177.5	3936.8	3666.3	3383.9
0°	4381.2	4541.7	4637.6	4682.0	4637.6	4541.7	4381.2	4193.9	3954.0	3687.3	3393.8
-2.5°	4372.6	4526.0	4626.4	4614.8	4626.4	4526.0	4372.6	4177.5	3936.8	3666.3	3383.9
-5°	4296.3	4447.1	4519.3	4537.4	4519.3	4447.1	4296.3	4100.9	3866.6	3605.8	3330.7
-7.5°	4157.3	4284.2	4372.2	4387.5	4372.2	4284.2	4157.3	3978.3	3752.2	3504.2	3241.0
-10°	3967.2	4082.9	4162.5	4180.7	4162.5	4082.9	3967.2	3799.3	3595.0	3364.8	3118.2
-12.5°	3739.8	3851.5	3923.6	3936.4	3923.6	3851.5	3739.8	3587.7	3409.1	3192.1	2968.3
-15°	3489.1	3596.9	3657.2	3679.3	3657.2	3596.9	3489.1	3348.7	3183.3	2995.4	2793.1
-17.5°	3224.4	3324.1	3375.1	3386.8	3375.1	3324.1	3224.4	3099.9	2951.7	2786.3	2606.6
-20°	2954.8	3034.9	3074.3	3094.6	3074.3	3034.9	2954.8	2844.3	2716.5	2571.1	2414.0



REPORT NUMBER: P626633 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA1B-740-U-WR-XX

CANDELA DISTRIBUTION (continued):

	-7.5°	-5°	-2.5°	0°	2.5°	5°	7.5°	10°	12.5°	15°	17.5°
-22.5°	2691.1	2758.1	2786.5	2802.1	2786.5	2758.1	2691.1	2593.9	2483.5	2357.5	2216.4
-25°	2434.2	2488.0	2512.5	2534.4	2512.5	2488.0	2434.2	2351.3	2253.3	2142.6	2016.5
-27.5°	2186.5	2229.9	2251.3	2265.4	2251.3	2229.9	2186.5	2115.6	2027.7	1931.3	1821.2
-30°	1948.4	1983.3	2000.4	2008.6	2000.4	1983.3	1948.4	1887.7	1810.8	1725.6	1629.6
-32.5°	1719.6	1750.0	1766.3	1783.2	1766.3	1750.0	1719.6	1668.8	1602.1	1525.5	1440.6
-35°	1500.6	1528.2	1543.2	1551.6	1543.2	1528.2	1500.6	1456.9	1398.9	1330.6	1253.2
-37.5°	1287.3	1313.6	1329.6	1340.5	1329.6	1313.6	1287.3	1248.4	1197.6	1137.2	1066.0
-40°	1078.1	1103.2	1119.6	1131.0	1119.6	1103.2	1078.1	1042.4	997.1	941.9	881.6
-42.5°	877.4	898.3	911.0	915.9	911.0	898.3	877.4	848.1	810.7	764.4	715.8
-45°	704.4	717.8	727.0	732.3	727.0	717.8	704.4	685.2	659.2	627.0	590.3
-47.5°	575.1	583.9	590.4	595.0	590.4	583.9	575.1	562.1	544.1	521.7	495.8
-50°	475.8	482.5	486.7	488.4	486.7	482.5	475.8	466.1	453.2	437.2	418.7
-52.5°	396.4	401.1	404.6	406.7	404.6	401.1	396.4	389.7	380.7	369.2	355.3
-55°	335.5	339.3	341.0	340.8	341.0	339.3	335.5	330.1	323.0	314.0	303.8
-57.5°	283.6	286.5	288.0	288.2	288.0	286.5	283.6	279.6	274.6	268.5	261.2
-60°	241.4	243.2	244.3	244.5	244.3	243.2	241.4	238.8	235.2	230.4	224.6
-62.5°	204.4	206.1	206.9	206.8	206.9	206.1	204.4	201.9	198.6	194.8	190.8
-65°	165.5	165.8	166.5	166.8	166.5	165.8	165.5	164.6	163.1	161.4	159.1
-67.5°	136.4	136.3	136.6	136.7	136.6	136.3	136.4	136.0	135.3	133.9	131.8
-70°	110.9	110.6	109.7	108.2	109.7	110.6	110.9	111.0	111.2	110.9	109.5
-72.5°	82.3	78.5	74.7	70.5	74.7	78.5	82.3	85.9	89.5	92.0	91.2
-75°	59.6	53.4	51.3	49.3	51.3	53.4	59.6	65.6	71.3	75.7	75.2
-77.5°	43.7	37.8	36.0	34.4	36.0	37.8	43.7	49.3	54.7	59.1	58.9
-80°	29.8	25.5	24.6	23.8	24.6	25.5	29.8	33.9	37.9	41.4	41.9
-82.5°	18.7	15.6	15.1	14.6	15.1	15.6	18.7	21.8	24.6	27.2	27.0
-85°	8.7	7.3	7.1	6.9	7.1	7.3	8.7	10.0	11.3	12.4	12.2
-87.5°	1.5	1.3	1.1	1.0	1.1	1.3	1.5	1.6	1.8	1.9	2.0
-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: P626633 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA1B-740-U-WR-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°	2.0	2.1	2.1	2.2	2.3	2.4	2.5	2.4	2.3	2.2	2.1
85°	11.9	11.5	11.2	11.2	11.1	11.0	10.8	9.6	8.6	7.6	6.7
82.5°	26.6	26.2	25.5	24.7	23.8	22.9	21.9	19.5	17.3	15.2	13.4
80°	42.1	42.1	41.7	40.1	38.4	36.6	34.4	30.8	27.2	23.9	21.6
77.5°	58.5	58.2	57.3	55.2	52.9	50.7	47.9	43.1	38.4	33.8	30.9
75°	74.5	73.6	72.2	69.5	66.6	63.5	60.1	56.0	51.3	45.9	42.0
72.5°	90.2	88.9	87.0	84.2	81.0	77.6	74.0	70.0	65.4	60.1	56.2
70°	107.7	105.7	103.2	100.0	96.6	93.0	89.3	85.2	80.4	75.1	71.0
67.5°	129.2	126.0	122.4	118.6	114.9	110.7	106.3	101.6	96.8	91.3	86.0
65°	155.9	151.7	146.9	142.7	137.8	131.9	125.4	119.7	114.0	107.9	101.0
62.5°	186.7	182.5	175.9	169.1	162.5	155.8	147.9	139.9	132.2	124.4	116.4
60°	218.1	210.7	203.5	195.7	187.2	178.2	169.5	160.4	150.9	141.5	131.9
57.5°	252.7	243.6	234.2	224.1	213.4	203.2	192.6	181.2	170.4	159.1	147.6
55°	292.5	281.4	269.5	256.3	242.8	230.6	217.6	204.6	191.4	177.2	164.5
52.5°	339.7	325.9	310.5	293.5	277.6	261.5	244.6	229.8	213.7	197.9	182.1
50°	399.8	380.3	359.1	337.6	317.9	296.6	276.8	257.4	238.0	219.6	201.3
47.5°	471.8	446.0	417.1	390.4	364.3	337.8	313.5	287.8	265.5	242.4	222.0
45°	559.4	525.0	487.8	454.0	417.2	385.3	354.2	324.7	295.4	269.3	243.3
42.5°	671.4	621.3	574.1	529.1	482.8	440.9	399.5	364.5	330.1	297.8	268.4
40°	815.3	742.3	681.8	617.3	561.2	505.1	455.6	407.1	368.0	329.7	293.9
37.5°	985.3	899.9	813.4	725.2	652.1	581.6	517.9	460.8	407.6	364.1	322.7
35°	1165.1	1068.6	965.0	861.6	755.0	669.5	588.6	518.3	456.2	400.1	352.4
32.5°	1344.4	1238.5	1124.5	1006.5	886.8	767.1	670.0	582.8	505.2	441.3	384.9
30°	1523.7	1407.4	1282.5	1153.7	1022.4	888.1	755.5	653.7	562.5	482.4	417.6
27.5°	1703.6	1577.6	1440.8	1299.1	1157.6	1011.1	864.3	726.8	620.4	529.8	453.4
25°	1883.6	1742.7	1595.9	1441.7	1287.3	1131.6	969.4	816.2	685.2	577.2	486.5
22.5°	2064.2	1906.0	1742.4	1576.7	1410.7	1244.3	1074.5	903.7	746.6	625.4	525.1
20°	2242.6	2065.0	1885.8	1706.2	1527.3	1349.4	1171.9	989.6	818.8	675.3	561.2
17.5°	2414.5	2217.1	2022.7	1828.0	1636.5	1447.9	1259.2	1068.8	883.3	719.7	593.1
15°	2578.2	2362.8	2151.6	1942.6	1736.0	1533.4	1336.5	1138.4	942.0	766.1	628.0
12.5°	2732.7	2497.6	2267.5	2040.6	1821.2	1608.9	1404.1	1199.4	997.2	811.2	659.1
10°	2864.6	2612.4	2364.8	2125.5	1894.9	1673.0	1459.9	1251.1	1044.5	848.8	684.6
7.5°	2971.9	2704.7	2443.6	2192.5	1952.7	1724.1	1502.9	1290.7	1082.0	878.2	704.3
5°	3050.3	2772.6	2502.0	2242.2	1992.8	1761.2	1533.3	1317.9	1109.2	899.1	718.0
2.5°	3098.9	2813.7	2536.8	2272.4	2016.0	1783.5	1551.0	1334.2	1124.7	910.6	726.6
0°	3107.9	2832.9	2547.6	2275.6	2029.4	1790.2	1555.6	1340.2	1128.7	913.0	729.3
-2.5°	3098.9	2813.7	2536.8	2272.4	2016.0	1783.5	1551.0	1334.2	1124.7	910.6	726.6
-5°	3050.3	2772.6	2502.0	2242.2	1992.8	1761.2	1533.3	1317.9	1109.2	899.1	718.0
-7.5°	2971.9	2704.7	2443.6	2192.5	1952.7	1724.1	1502.9	1290.7	1082.0	878.2	704.3
-10°	2864.6	2612.4	2364.8	2125.5	1894.9	1673.0	1459.9	1251.1	1044.5	848.8	684.6
-12.5°	2732.7	2497.6	2267.5	2040.6	1821.2	1608.9	1404.1	1199.4	997.2	811.2	659.1
-15°	2578.2	2362.8	2151.6	1942.6	1736.0	1533.4	1336.5	1138.4	942.0	766.1	628.0
-17.5°	2414.5	2217.1	2022.7	1828.0	1636.5	1447.9	1259.2	1068.8	883.3	719.7	593.1
-20°	2242.6	2065.0	1885.8	1706.2	1527.3	1349.4	1171.9	989.6	818.8	675.3	561.2

Classified

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

Scaled Data Report



REPORT NUMBER: P626633 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA1B-740-U-WR-XX

CANDELA DISTRIBUTION (continued):

	20°	22.5°	25°	27.5°	30°	32.5°	35°	37.5°	40°	42.5°	45°
-22.5°	2064.2	1906.0	1742.4	1576.7	1410.7	1244.3	1074.5	903.7	746.6	625.4	525.1
-25°	1883.6	1742.7	1595.9	1441.7	1287.3	1131.6	969.4	816.2	685.2	577.2	486.5
-27.5°	1703.6	1577.6	1440.8	1299.1	1157.6	1011.1	864.3	726.8	620.4	529.8	453.4
-30°	1523.7	1407.4	1282.5	1153.7	1022.4	888.1	755.5	653.7	562.5	482.4	417.6
-32.5°	1344.4	1238.5	1124.5	1006.5	886.8	767.1	670.0	582.8	505.2	441.3	384.9
-35°	1165.1	1068.6	965.0	861.6	755.0	669.5	588.6	518.3	456.2	400.1	352.4
-37.5°	985.3	899.9	813.4	725.2	652.1	581.6	517.9	460.8	407.6	364.1	322.7
-40°	815.3	742.3	681.8	617.3	561.2	505.1	455.6	407.1	368.0	329.7	293.9
-42.5°	671.4	621.3	574.1	529.1	482.8	440.9	399.5	364.5	330.1	297.8	268.4
-45°	559.4	525.0	487.8	454.0	417.2	385.3	354.2	324.7	295.4	269.3	243.3
-47.5°	471.8	446.0	417.1	390.4	364.3	337.8	313.5	287.8	265.5	242.4	222.0
-50°	399.8	380.3	359.1	337.6	317.9	296.6	276.8	257.4	238.0	219.6	201.3
-52.5°	339.7	325.9	310.5	293.5	277.6	261.5	244.6	229.8	213.7	197.9	182.1
-55°	292.5	281.4	269.5	256.3	242.8	230.6	217.6	204.6	191.4	177.2	164.5
-57.5°	252.7	243.6	234.2	224.1	213.4	203.2	192.6	181.2	170.4	159.1	147.6
-60°	218.1	210.7	203.5	195.7	187.2	178.2	169.5	160.4	150.9	141.5	131.9
-62.5°	186.7	182.5	175.9	169.1	162.5	155.8	147.9	139.9	132.2	124.4	116.4
-65°	155.9	151.7	146.9	142.7	137.8	131.9	125.4	119.7	114.0	107.9	101.0
-67.5°	129.2	126.0	122.4	118.6	114.9	110.7	106.3	101.6	96.8	91.3	86.0
-70°	107.7	105.7	103.2	100.0	96.6	93.0	89.3	85.2	80.4	75.1	71.0
-72.5°	90.2	88.9	87.0	84.2	81.0	77.6	74.0	70.0	65.4	60.1	56.2
-75°	74.5	73.6	72.2	69.5	66.6	63.5	60.1	56.0	51.3	45.9	42.0
-77.5°	58.5	58.2	57.3	55.2	52.9	50.7	47.9	43.1	38.4	33.8	30.9
-80°	42.1	42.1	41.7	40.1	38.4	36.6	34.4	30.8	27.2	23.9	21.6
-82.5°	26.6	26.2	25.5	24.7	23.8	22.9	21.9	19.5	17.3	15.2	13.4
-85°	11.9	11.5	11.2	11.2	11.1	11.0	10.8	9.6	8.6	7.6	6.7
-87.5°	2.0	2.1	2.1	2.2	2.3	2.4	2.5	2.4	2.3	2.2	2.1
-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: P626633 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA1B-740-U-WR-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°	2.4	2.6	2.7	2.9	2.9	3.0	3.0	2.9	2.8	2.7	2.5
85°	7.0	7.2	7.2	6.9	6.5	6.0	5.9	5.8	5.6	5.3	4.9
82.5°	13.9	14.4	14.6	14.5	13.6	12.7	11.6	10.5	9.4	8.1	7.4
80°	22.4	22.9	23.0	22.7	21.1	19.3	17.8	16.3	14.8	13.1	11.2
77.5°	31.5	31.9	32.0	31.4	29.3	27.1	24.8	22.3	20.2	18.1	15.7
75°	41.3	41.4	41.4	40.3	37.8	34.9	32.1	29.0	25.9	23.1	20.2
72.5°	54.0	52.3	51.0	49.3	46.5	43.3	39.7	35.6	31.7	28.0	24.6
70°	67.3	63.7	60.8	58.2	55.2	51.8	47.7	42.6	37.4	32.9	28.8
67.5°	81.3	76.7	72.1	67.3	63.6	59.8	55.7	49.5	43.2	37.7	32.9
65°	94.8	89.2	84.0	77.8	72.3	67.7	63.1	56.0	48.9	42.5	36.8
62.5°	108.4	100.9	94.4	87.7	81.1	75.3	70.1	62.1	54.3	47.0	40.6
60°	122.4	113.6	104.8	97.0	89.6	82.6	76.1	68.0	59.5	51.3	44.2
57.5°	137.0	126.4	116.2	106.6	97.9	89.9	81.8	73.5	64.6	55.7	47.4
55°	151.6	139.6	127.8	116.7	106.4	97.2	87.8	78.7	69.5	60.0	50.0
52.5°	167.4	153.3	139.9	127.0	115.2	104.5	94.1	83.8	74.1	64.1	52.7
50°	184.0	167.8	152.5	138.0	124.0	112.0	100.3	89.3	78.6	68.1	55.4
47.5°	201.6	183.1	165.7	149.1	133.9	119.3	106.8	94.8	83.0	72.0	57.8
45°	220.8	198.9	179.3	161.1	143.4	127.5	113.2	100.1	87.8	74.8	59.9
42.5°	240.2	216.0	193.4	172.7	153.8	135.9	119.4	105.6	92.3	77.4	62.0
40°	262.5	233.4	207.6	185.1	164.0	143.8	126.4	110.9	96.6	79.9	64.0
37.5°	284.3	252.2	223.1	197.0	174.1	152.8	133.3	116.0	99.9	82.7	65.9
35°	309.9	271.5	237.9	209.6	184.5	161.3	139.7	121.1	103.6	85.4	67.5
32.5°	334.9	291.2	254.5	222.5	194.3	169.4	146.5	126.4	107.4	87.9	69.0
30°	362.3	312.6	270.1	234.6	204.0	177.8	153.4	131.3	111.2	90.3	70.4
27.5°	388.6	332.4	285.4	247.3	214.3	185.6	159.7	136.0	115.0	92.8	72.1
25°	414.7	353.8	302.2	259.5	223.8	192.7	165.6	140.3	118.7	95.6	73.7
22.5°	443.0	374.4	317.3	270.5	232.4	199.1	171.1	145.1	122.2	98.3	75.0
20°	469.0	393.1	330.8	280.9	240.8	206.1	176.3	149.3	125.2	100.8	76.2
17.5°	493.5	412.0	345.9	292.2	248.9	212.3	180.9	153.1	128.0	103.2	77.1
15°	519.3	430.9	359.4	302.0	255.8	217.6	184.9	156.3	130.3	105.2	78.0
12.5°	541.3	446.8	370.8	310.3	261.6	222.0	188.2	159.0	132.3	107.0	78.8
10°	559.4	459.7	380.0	316.9	266.3	225.6	190.8	161.1	133.9	108.4	79.3
7.5°	573.5	469.6	387.0	322.0	269.9	228.4	193.0	162.8	135.1	109.3	79.4
5°	583.3	476.5	392.1	325.5	272.7	230.4	194.5	164.0	135.9	109.9	79.2
2.5°	588.5	480.4	395.2	327.4	274.3	231.4	195.4	164.5	136.4	109.9	78.6
0°	589.3	481.1	396.1	327.6	274.7	231.6	195.6	164.5	136.3	109.5	77.8
-2.5°	588.5	480.4	395.2	327.4	274.3	231.4	195.4	164.5	136.4	109.9	78.6
-5°	583.3	476.5	392.1	325.5	272.7	230.4	194.5	164.0	135.9	109.9	79.2
-7.5°	573.5	469.6	387.0	322.0	269.9	228.4	193.0	162.8	135.1	109.3	79.4
-10°	559.4	459.7	380.0	316.9	266.3	225.6	190.8	161.1	133.9	108.4	79.3
-12.5°	541.3	446.8	370.8	310.3	261.6	222.0	188.2	159.0	132.3	107.0	78.8
-15°	519.3	430.9	359.4	302.0	255.8	217.6	184.9	156.3	130.3	105.2	78.0
-17.5°	493.5	412.0	345.9	292.2	248.9	212.3	180.9	153.1	128.0	103.2	77.1
-20°	469.0	393.1	330.8	280.9	240.8	206.1	176.3	149.3	125.2	100.8	76.2

Classified

Cooper Lighting Solutions Photometric Lab
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Scaled Data Report



REPORT NUMBER: P626633 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA1B-740-U-WR-XX

CANDELA DISTRIBUTION (continued):

	47.5°	50°	52.5°	55°	57.5°	60°	62.5°	65°	67.5°	70°	72.5°
-22.5°	443.0	374.4	317.3	270.5	232.4	199.1	171.1	145.1	122.2	98.3	75.0
-25°	414.7	353.8	302.2	259.5	223.8	192.7	165.6	140.3	118.7	95.6	73.7
-27.5°	388.6	332.4	285.4	247.3	214.3	185.6	159.7	136.0	115.0	92.8	72.1
-30°	362.3	312.6	270.1	234.6	204.0	177.8	153.4	131.3	111.2	90.3	70.4
-32.5°	334.9	291.2	254.5	222.5	194.3	169.4	146.5	126.4	107.4	87.9	69.0
-35°	309.9	271.5	237.9	209.6	184.5	161.3	139.7	121.1	103.6	85.4	67.5
-37.5°	284.3	252.2	223.1	197.0	174.1	152.8	133.3	116.0	99.9	82.7	65.9
-40°	262.5	233.4	207.6	185.1	164.0	143.8	126.4	110.9	96.6	79.9	64.0
-42.5°	240.2	216.0	193.4	172.7	153.8	135.9	119.4	105.6	92.3	77.4	62.0
-45°	220.8	198.9	179.3	161.1	143.4	127.5	113.2	100.1	87.8	74.8	59.9
-47.5°	201.6	183.1	165.7	149.1	133.9	119.3	106.8	94.8	83.0	72.0	57.8
-50°	184.0	167.8	152.5	138.0	124.0	112.0	100.3	89.3	78.6	68.1	55.4
-52.5°	167.4	153.3	139.9	127.0	115.2	104.5	94.1	83.8	74.1	64.1	52.7
-55°	151.6	139.6	127.8	116.7	106.4	97.2	87.8	78.7	69.5	60.0	50.0
-57.5°	137.0	126.4	116.2	106.6	97.9	89.9	81.8	73.5	64.6	55.7	47.4
-60°	122.4	113.6	104.8	97.0	89.6	82.6	76.1	68.0	59.5	51.3	44.2
-62.5°	108.4	100.9	94.4	87.7	81.1	75.3	70.1	62.1	54.3	47.0	40.6
-65°	94.8	89.2	84.0	77.8	72.3	67.7	63.1	56.0	48.9	42.5	36.8
-67.5°	81.3	76.7	72.1	67.3	63.6	59.8	55.7	49.5	43.2	37.7	32.9
-70°	67.3	63.7	60.8	58.2	55.2	51.8	47.7	42.6	37.4	32.9	28.8
-72.5°	54.0	52.3	51.0	49.3	46.5	43.3	39.7	35.6	31.7	28.0	24.6
-75°	41.3	41.4	41.4	40.3	37.8	34.9	32.1	29.0	25.9	23.1	20.2
-77.5°	31.5	31.9	32.0	31.4	29.3	27.1	24.8	22.3	20.2	18.1	15.7
-80°	22.4	22.9	23.0	22.7	21.1	19.3	17.8	16.3	14.8	13.1	11.2
-82.5°	13.9	14.4	14.6	14.5	13.6	12.7	11.6	10.5	9.4	8.1	7.4
-85°	7.0	7.2	7.2	6.9	6.5	6.0	5.9	5.8	5.6	5.3	4.9
-87.5°	2.4	2.6	2.7	2.9	2.9	3.0	3.0	2.9	2.8	2.7	2.5
-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-SA1B-740-U-WR-XX

CANDELA DISTRIBUTION (continued):

	75°	77.5°	80°	82.5°	85°	87.5°	90°
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0
87.5°	2.2	1.7	1.3	0.9	0.5	0.2	0.0
85°	4.4	3.5	2.6	1.8	1.1	0.5	0.0
82.5°	6.6	5.2	3.9	2.7	1.6	0.7	0.0
80°	9.0	6.9	5.1	3.6	2.2	0.9	0.0
77.5°	12.9	8.9	6.4	4.4	2.7	1.2	0.0
75°	16.6	11.7	7.7	5.3	3.2	1.4	0.0
72.5°	20.3	14.4	9.6	6.1	3.7	1.6	0.0
70°	23.7	16.9	11.3	7.0	4.2	1.8	0.0
67.5°	26.7	19.4	13.0	8.1	4.7	2.1	0.0
65°	29.6	21.6	14.7	9.1	5.2	2.3	0.0
62.5°	32.2	23.7	16.2	10.1	5.6	2.5	0.0
60°	34.7	25.6	17.6	11.0	6.1	2.7	0.0
57.5°	37.0	27.4	18.9	11.9	6.6	2.9	0.0
55°	39.1	29.1	20.2	12.7	7.1	3.0	0.0
52.5°	41.0	30.6	21.3	13.4	7.6	3.2	0.0
50°	42.7	32.0	22.3	14.1	8.0	3.4	0.0
47.5°	44.4	33.2	23.2	14.7	8.5	3.5	0.0
45°	46.2	34.3	24.0	15.3	8.9	3.7	0.0
42.5°	47.8	35.3	24.7	15.8	9.3	3.8	0.0
40°	49.2	36.1	25.4	16.4	9.7	3.9	0.0
37.5°	50.4	36.8	25.9	17.0	10.0	4.1	0.0
35°	51.4	37.5	26.4	17.5	10.3	4.2	0.0
32.5°	52.4	38.2	26.7	18.0	10.6	4.3	0.0
30°	53.4	38.8	27.0	18.4	10.9	4.4	0.0
27.5°	54.2	39.2	27.6	18.8	11.1	4.4	0.0
25°	54.9	39.4	28.1	19.2	11.4	4.5	0.0
22.5°	55.3	39.8	28.6	19.5	11.5	4.6	0.0
20°	55.6	40.5	29.0	19.7	11.7	4.6	0.0
17.5°	56.2	41.1	29.4	19.9	11.8	4.6	0.0
15°	57.0	41.5	29.7	20.1	11.9	4.7	0.0
12.5°	57.5	41.9	29.9	20.2	12.0	4.7	0.0
10°	57.8	42.1	30.0	20.2	12.0	4.7	0.0
7.5°	58.0	42.2	30.1	20.2	12.0	4.7	0.0
5°	57.9	42.1	30.1	20.1	12.0	4.7	0.0
2.5°	57.6	42.0	30.0	20.0	12.0	4.6	0.0
0°	57.2	41.7	29.8	19.9	11.9	4.6	0.0
-2.5°	57.6	42.0	30.0	20.0	12.0	4.6	0.0
-5°	57.9	42.1	30.1	20.1	12.0	4.7	0.0
-7.5°	58.0	42.2	30.1	20.2	12.0	4.7	0.0
-10°	57.8	42.1	30.0	20.2	12.0	4.7	0.0
-12.5°	57.5	41.9	29.9	20.2	12.0	4.7	0.0
-15°	57.0	41.5	29.7	20.1	11.9	4.7	0.0
-17.5°	56.2	41.1	29.4	19.9	11.8	4.6	0.0
-20°	55.6	40.5	29.0	19.7	11.7	4.6	0.0

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CATALOG NUMBER: GFLD-SA1B-740-U-WR-XX

CANDELA DISTRIBUTION (continued):

	75°	77.5°	80°	82.5°	85°	87.5°	90°
-22.5°	55.3	39.8	28.6	19.5	11.5	4.6	0.0
-25°	54.9	39.4	28.1	19.2	11.4	4.5	0.0
-27.5°	54.2	39.2	27.6	18.8	11.1	4.4	0.0
-30°	53.4	38.8	27.0	18.4	10.9	4.4	0.0
-32.5°	52.4	38.2	26.7	18.0	10.6	4.3	0.0
-35°	51.4	37.5	26.4	17.5	10.3	4.2	0.0
-37.5°	50.4	36.8	25.9	17.0	10.0	4.1	0.0
-40°	49.2	36.1	25.4	16.4	9.7	3.9	0.0
-42.5°	47.8	35.3	24.7	15.8	9.3	3.8	0.0
-45°	46.2	34.3	24.0	15.3	8.9	3.7	0.0
-47.5°	44.4	33.2	23.2	14.7	8.5	3.5	0.0
-50°	42.7	32.0	22.3	14.1	8.0	3.4	0.0
-52.5°	41.0	30.6	21.3	13.4	7.6	3.2	0.0
-55°	39.1	29.1	20.2	12.7	7.1	3.0	0.0
-57.5°	37.0	27.4	18.9	11.9	6.6	2.9	0.0
-60°	34.7	25.6	17.6	11.0	6.1	2.7	0.0
-62.5°	32.2	23.7	16.2	10.1	5.6	2.5	0.0
-65°	29.6	21.6	14.7	9.1	5.2	2.3	0.0
-67.5°	26.7	19.4	13.0	8.1	4.7	2.1	0.0
-70°	23.7	16.9	11.3	7.0	4.2	1.8	0.0
-72.5°	20.3	14.4	9.6	6.1	3.7	1.6	0.0
-75°	16.6	11.7	7.7	5.3	3.2	1.4	0.0
-77.5°	12.9	8.9	6.4	4.4	2.7	1.2	0.0
-80°	9.0	6.9	5.1	3.6	2.2	0.9	0.0
-82.5°	6.6	5.2	3.9	2.7	1.6	0.7	0.0
-85°	4.4	3.5	2.6	1.8	1.1	0.5	0.0
-87.5°	2.2	1.7	1.3	0.9	0.5	0.2	0.0
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0

(END OF REPORT)