

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: P626613 (CONVERTED FROM TYPE C PHOTOMETRY)

Luminaire Tested: **GFLD-SA1B-730-U-WR-XX**

Issue Date: 12/7/2022

Test Information

Test Method: LM-79-08
Report Number: P626613 (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-730-U-WR-XX
Description: GALLEON FLOOD, ONE LIGHT SQAURE, WIDE SYMMETRICAL ROUND N17
Light Source: (16) 3000K CCT, 70 CRI LEDS
Ballast/Driver: -

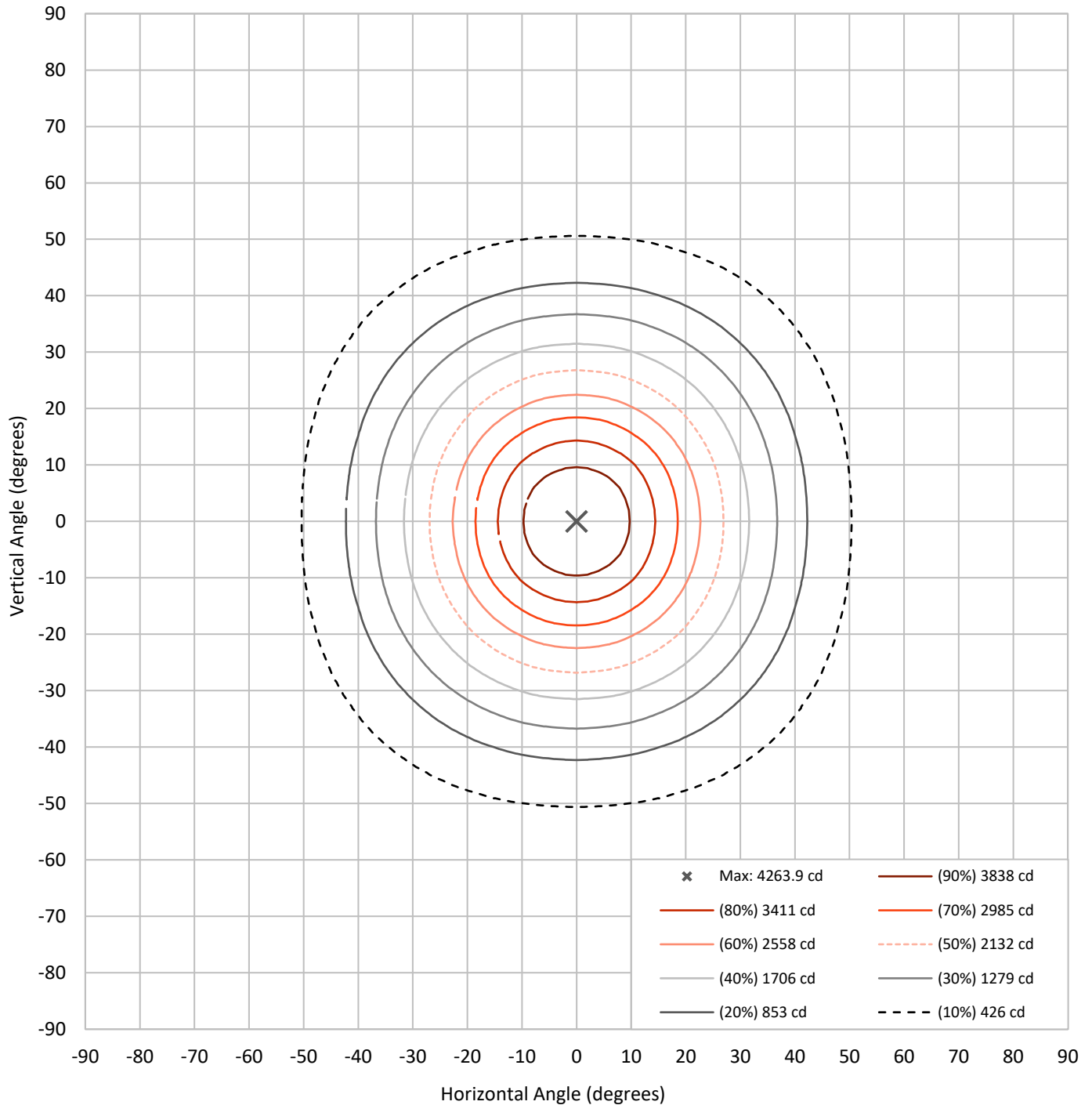
Summary

Lumens per Lamp:	N/A	NEMA Type:	6H x 6V
Luminaire Lumens:	4339.7 lumens	Max Intensity:	4263.9 candela
Efficiency:	N/A	Max Intensity Angle:	0°H x 0°V
Efficacy:	129.5 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:	2075 lumens	Field Lumens:	3829.9 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





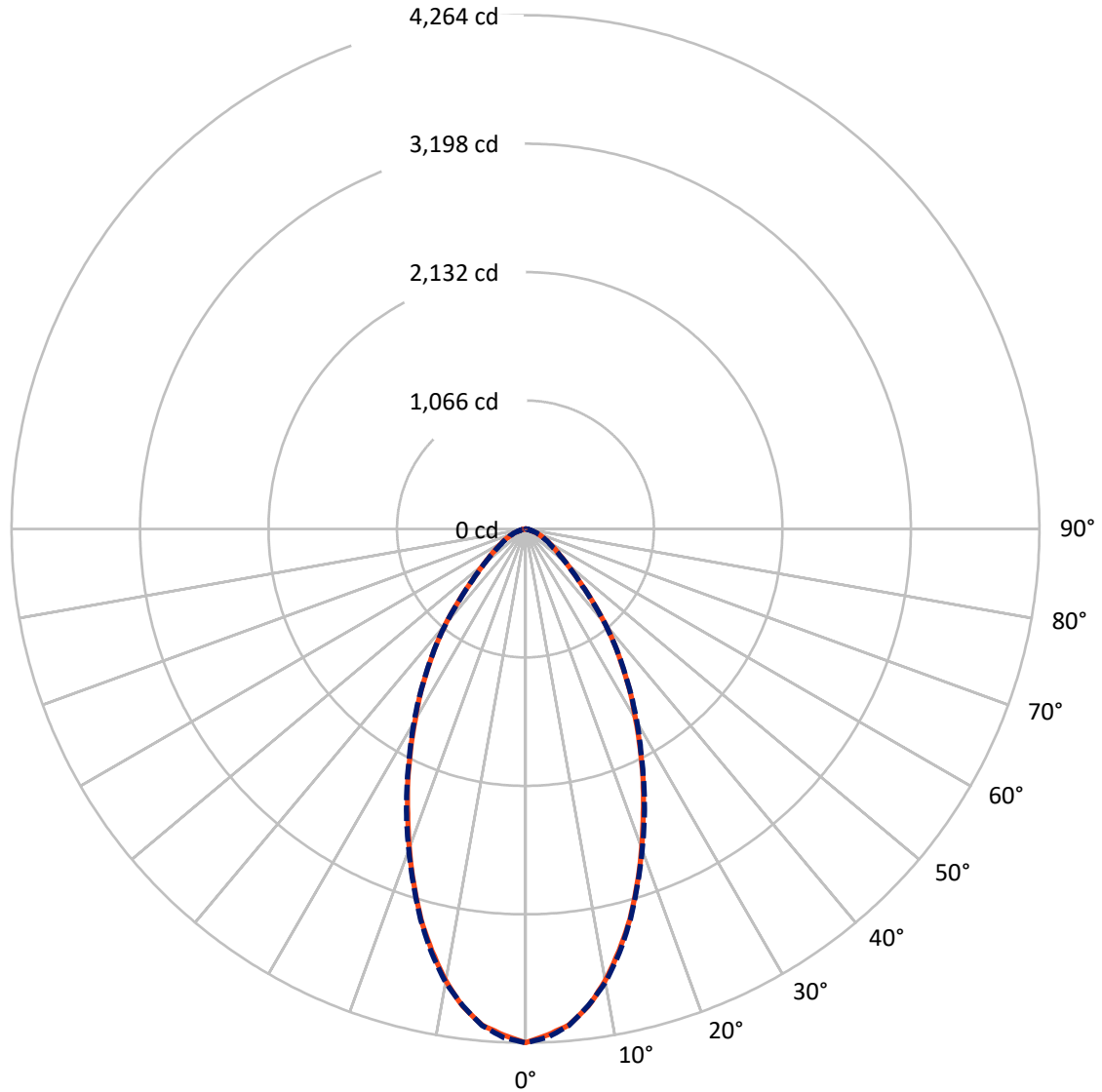
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Lumen Table

90																			
80	0.2	1.2		2.7		4.5		3.9		4.5		2.7		1.2		0.2			
70																			
60	0.6	0.7	1.2	2.0	2.9	3.8	4.4	4.7	4.7	4.4	3.8	2.9	2.0	1.2	0.7	0.6			
50		0.9	1.9	3.3	5.0	6.9	8.6	9.6	9.6	8.6	6.9	5.0	3.3	1.9	0.9				
40	0.8	1.2	2.6	4.9	8.2	12.6	17.4	20.5	20.5	17.4	12.6	8.2	4.9	2.6	1.2	0.8			
30		1.5	3.4	7.1	13.8	24.4	35.5	42.1	42.1	35.5	24.4	13.8	7.1	3.4	1.5				
20	1.0	1.7	4.2	9.9	22.2	40.0	57.2	68.4	68.4	57.2	40.0	22.2	9.9	4.2	1.7	1.0			
10		1.9	5.0	12.8	30.3	54.0	79.7	98.0	98.0	79.7	54.0	30.3	12.8	5.0	1.9				
0	1.0	2.0	5.4	14.7	34.9	62.7	95.5	120.1	120.1	95.5	62.7	34.9	14.7	5.4	2.0	1.0			
-10		2.0	5.4	14.7	34.9	62.7	95.5	120.1	120.1	95.5	62.7	34.9	14.7	5.4	2.0				
-20	1.0	1.9	5.0	12.8	30.3	54.0	79.7	98.0	98.0	79.7	54.0	30.3	12.8	5.0	1.9	1.0			
-30		1.7	4.2	9.9	22.2	40.0	57.2	68.4	68.4	57.2	40.0	22.2	9.9	4.2	1.7				
-40	0.8	1.5	3.4	7.1	13.8	24.4	35.5	42.1	42.1	35.5	24.4	13.8	7.1	3.4	1.5	0.8			
-50		1.2	2.6	4.9	8.2	12.6	17.4	20.5	20.5	17.4	12.6	8.2	4.9	2.6	1.2				
-60	0.6	0.9	1.9	3.3	5.0	6.9	8.6	9.6	9.6	8.6	6.9	5.0	3.3	1.9	0.9	0.6			
-70		0.7	1.2	2.0	2.9	3.8	4.4	4.7	4.7	4.4	3.8	2.9	2.0	1.2	0.7				
-80																			
-90	0.2	1.2		2.7		4.5		3.9		4.5		2.7		1.2		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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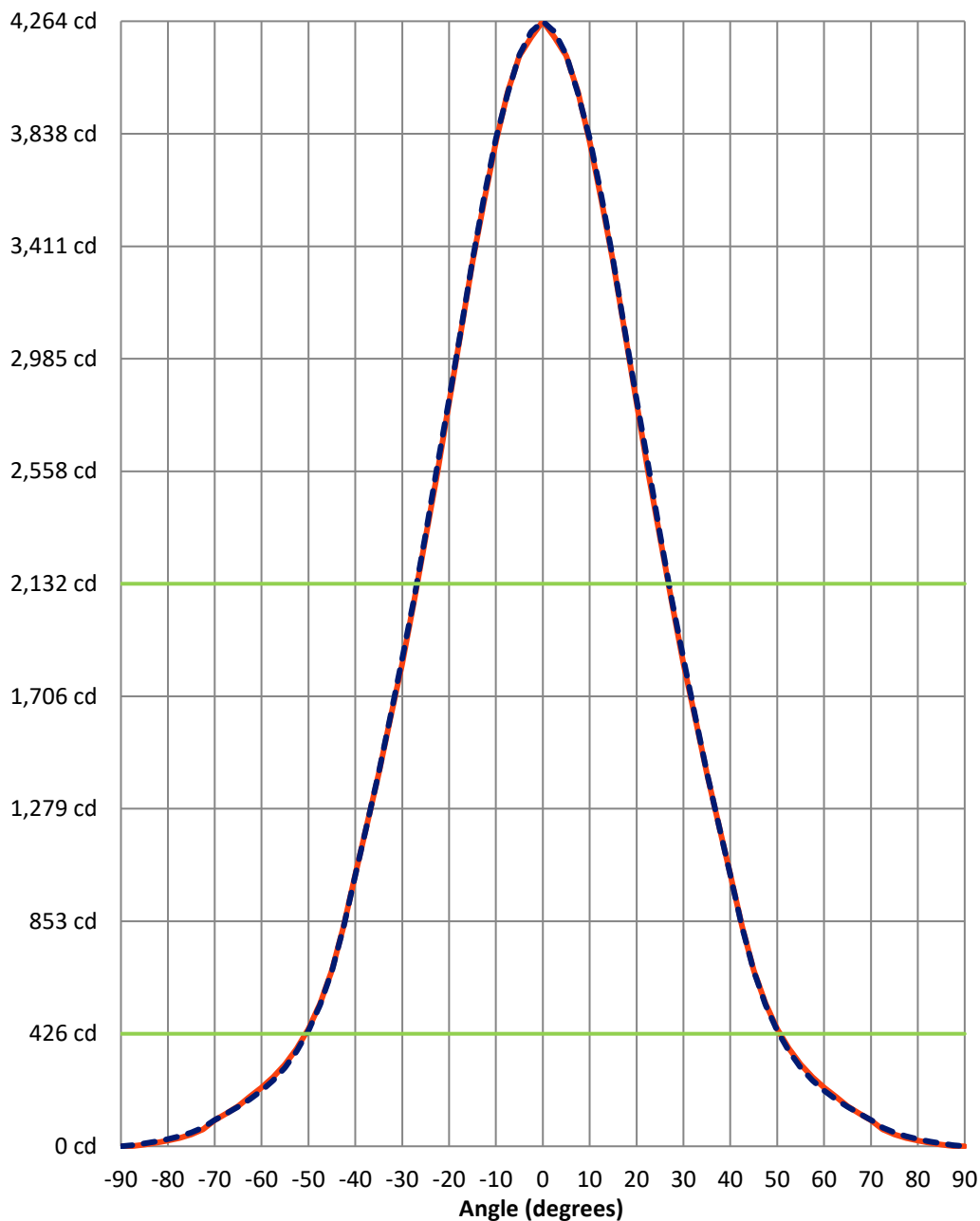
Luminous Intensity Polar Plot



— Vertical Distribution Through 0-Deg - - - Horizontal Distribution Through 0-Deg

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Luminous Intensity Plot



Beam:
 H Angle: 53.8°
 V Angle: 53.6°
 Lumens: 2075
 Efficiency: 47.8%

Field:
 H Angle: 100.8°
 V Angle: 101.2°
 Lumens: 3829.9
 Efficiency: 88.3%

Spill:
 Lumens: 509.8
 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	0.8	1.2	1.6	2.0	2.2	2.4	2.6	2.7
85°	0.0	0.4	1.0	1.6	2.3	3.1	4.0	4.5	4.8	5.1	5.3
82.5°	0.0	0.6	1.5	2.4	3.5	4.7	6.0	6.7	7.4	8.6	9.6
80°	0.0	0.9	2.0	3.2	4.6	6.2	8.2	10.2	11.9	13.5	14.9
77.5°	0.0	1.1	2.4	4.0	5.8	8.1	11.7	14.3	16.5	18.4	20.3
75°	0.0	1.3	2.9	4.8	7.0	10.6	15.1	18.4	21.0	23.6	26.4
72.5°	0.0	1.5	3.4	5.5	8.7	13.1	18.4	22.4	25.5	28.9	32.5
70°	0.0	1.7	3.8	6.3	10.3	15.4	21.6	26.2	30.0	34.1	38.8
67.5°	0.0	1.9	4.3	7.3	11.9	17.6	24.3	29.9	34.4	39.4	45.1
65°	0.0	2.1	4.7	8.3	13.3	19.7	26.9	33.6	38.7	44.5	51.0
62.5°	0.0	2.2	5.1	9.2	14.7	21.6	29.4	37.0	42.8	49.4	56.6
60°	0.0	2.4	5.5	10.0	16.1	23.3	31.6	40.2	46.7	54.2	62.0
57.5°	0.0	2.6	6.0	10.8	17.3	25.0	33.7	43.2	50.7	58.9	66.9
55°	0.0	2.8	6.4	11.6	18.4	26.5	35.6	45.5	54.6	63.3	71.7
52.5°	0.0	2.9	6.9	12.2	19.4	27.9	37.3	48.0	58.4	67.5	76.3
50°	0.0	3.1	7.3	12.8	20.3	29.1	38.9	50.4	62.0	71.6	81.4
47.5°	0.0	3.2	7.7	13.4	21.2	30.3	40.4	52.6	65.6	75.6	86.3
45°	0.0	3.3	8.1	13.9	21.9	31.3	42.0	54.6	68.1	79.9	91.2
42.5°	0.0	3.5	8.5	14.4	22.5	32.1	43.5	56.5	70.4	84.1	96.2
40°	0.0	3.6	8.8	14.9	23.1	32.9	44.8	58.3	72.8	88.0	101.0
37.5°	0.0	3.7	9.1	15.5	23.6	33.5	45.9	60.0	75.3	91.0	105.6
35°	0.0	3.8	9.4	16.0	24.0	34.2	46.8	61.5	77.7	94.4	110.3
32.5°	0.0	3.9	9.7	16.4	24.3	34.8	47.7	62.8	80.1	97.8	115.1
30°	0.0	4.0	9.9	16.8	24.6	35.3	48.6	64.1	82.2	101.3	119.6
27.5°	0.0	4.0	10.1	17.2	25.1	35.7	49.4	65.7	84.5	104.7	123.9
25°	0.0	4.1	10.3	17.5	25.6	35.9	50.0	67.1	87.1	108.1	127.8
22.5°	0.0	4.1	10.5	17.7	26.0	36.2	50.4	68.4	89.5	111.3	132.2
20°	0.0	4.2	10.6	18.0	26.4	36.8	50.7	69.4	91.8	114.1	136.0
17.5°	0.0	4.2	10.7	18.1	26.7	37.4	51.2	70.3	93.9	116.5	139.4
15°	0.0	4.2	10.8	18.3	27.0	37.8	51.9	71.1	95.9	118.7	142.4
12.5°	0.0	4.3	10.9	18.3	27.2	38.1	52.4	71.8	97.5	120.4	144.8
10°	0.0	4.3	10.9	18.4	27.3	38.3	52.7	72.2	98.7	121.9	146.8
7.5°	0.0	4.3	10.9	18.4	27.3	38.4	52.8	72.3	99.6	123.1	148.3
5°	0.0	4.2	10.9	18.3	27.3	38.4	52.8	72.1	100.0	123.8	149.3
2.5°	0.0	4.2	10.9	18.2	27.3	38.2	52.5	71.6	100.1	124.2	149.8
0°	0.0	4.2	10.8	18.1	27.1	38.0	52.1	70.8	99.7	124.2	149.8
-2.5°	0.0	4.2	10.9	18.2	27.3	38.2	52.5	71.6	100.1	124.2	149.8
-5°	0.0	4.2	10.9	18.3	27.3	38.4	52.8	72.1	100.0	123.8	149.3
-7.5°	0.0	4.3	10.9	18.4	27.3	38.4	52.8	72.3	99.6	123.1	148.3
-10°	0.0	4.3	10.9	18.4	27.3	38.3	52.7	72.2	98.7	121.9	146.8
-12.5°	0.0	4.3	10.9	18.3	27.2	38.1	52.4	71.8	97.5	120.4	144.8
-15°	0.0	4.2	10.8	18.3	27.0	37.8	51.9	71.1	95.9	118.7	142.4
-17.5°	0.0	4.2	10.7	18.1	26.7	37.4	51.2	70.3	93.9	116.5	139.4
-20°	0.0	4.2	10.6	18.0	26.4	36.8	50.7	69.4	91.8	114.1	136.0

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Scaled Data Report



REPORT NUMBER: P626613 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA1B-730-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	4.1	10.5	17.7	26.0	36.2	50.4	68.4	89.5	111.3	132.2
-25°	0.0	4.1	10.3	17.5	25.6	35.9	50.0	67.1	87.1	108.1	127.8
-27.5°	0.0	4.0	10.1	17.2	25.1	35.7	49.4	65.7	84.5	104.7	123.9
-30°	0.0	4.0	9.9	16.8	24.6	35.3	48.6	64.1	82.2	101.3	119.6
-32.5°	0.0	3.9	9.7	16.4	24.3	34.8	47.7	62.8	80.1	97.8	115.1
-35°	0.0	3.8	9.4	16.0	24.0	34.2	46.8	61.5	77.7	94.4	110.3
-37.5°	0.0	3.7	9.1	15.5	23.6	33.5	45.9	60.0	75.3	91.0	105.6
-40°	0.0	3.6	8.8	14.9	23.1	32.9	44.8	58.3	72.8	88.0	101.0
-42.5°	0.0	3.5	8.5	14.4	22.5	32.1	43.5	56.5	70.4	84.1	96.2
-45°	0.0	3.3	8.1	13.9	21.9	31.3	42.0	54.6	68.1	79.9	91.2
-47.5°	0.0	3.2	7.7	13.4	21.2	30.3	40.4	52.6	65.6	75.6	86.3
-50°	0.0	3.1	7.3	12.8	20.3	29.1	38.9	50.4	62.0	71.6	81.4
-52.5°	0.0	2.9	6.9	12.2	19.4	27.9	37.3	48.0	58.4	67.5	76.3
-55°	0.0	2.8	6.4	11.6	18.4	26.5	35.6	45.5	54.6	63.3	71.7
-57.5°	0.0	2.6	6.0	10.8	17.3	25.0	33.7	43.2	50.7	58.9	66.9
-60°	0.0	2.4	5.5	10.0	16.1	23.3	31.6	40.2	46.7	54.2	62.0
-62.5°	0.0	2.2	5.1	9.2	14.7	21.6	29.4	37.0	42.8	49.4	56.6
-65°	0.0	2.1	4.7	8.3	13.3	19.7	26.9	33.6	38.7	44.5	51.0
-67.5°	0.0	1.9	4.3	7.3	11.9	17.6	24.3	29.9	34.4	39.4	45.1
-70°	0.0	1.7	3.8	6.3	10.3	15.4	21.6	26.2	30.0	34.1	38.8
-72.5°	0.0	1.5	3.4	5.5	8.7	13.1	18.4	22.4	25.5	28.9	32.5
-75°	0.0	1.3	2.9	4.8	7.0	10.6	15.1	18.4	21.0	23.6	26.4
-77.5°	0.0	1.1	2.4	4.0	5.8	8.1	11.7	14.3	16.5	18.4	20.3
-80°	0.0	0.9	2.0	3.2	4.6	6.2	8.2	10.2	11.9	13.5	14.9
-82.5°	0.0	0.6	1.5	2.4	3.5	4.7	6.0	6.7	7.4	8.6	9.6
-85°	0.0	0.4	1.0	1.6	2.3	3.1	4.0	4.5	4.8	5.1	5.3
-87.5°	0.0	0.2	0.5	0.8	1.2	1.6	2.0	2.2	2.4	2.6	2.7
-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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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°	2.7	2.7	2.7	2.6	2.5	2.3	2.1	1.9	2.0	2.1	2.1
85°	5.4	5.4	5.9	6.3	6.5	6.5	6.4	6.1	6.9	7.8	8.8
82.5°	10.6	11.5	12.4	13.2	13.3	13.1	12.7	12.2	13.8	15.8	17.8
80°	16.3	17.6	19.2	20.7	21.0	20.8	20.4	19.6	21.8	24.8	28.0
77.5°	22.6	24.7	26.7	28.6	29.1	29.0	28.7	28.1	30.8	34.9	39.3
75°	29.3	31.8	34.4	36.7	37.6	37.7	37.6	38.2	41.8	46.7	51.0
72.5°	36.2	39.5	42.4	44.9	46.5	47.6	49.2	51.1	54.7	59.5	63.7
70°	43.5	47.2	50.2	53.0	55.4	58.0	61.3	64.6	68.4	73.2	77.6
67.5°	50.7	54.5	57.9	61.4	65.7	69.8	74.0	78.3	83.1	88.1	92.6
65°	57.4	61.7	65.9	70.8	76.5	81.2	86.3	91.9	98.2	103.9	109.0
62.5°	63.9	68.6	73.9	79.8	85.9	91.9	98.7	106.0	113.3	120.4	127.4
60°	69.3	75.3	81.6	88.3	95.4	103.5	111.5	120.1	128.8	137.4	146.0
57.5°	74.5	81.9	89.2	97.0	105.9	115.1	124.7	134.4	144.9	155.2	165.0
55°	80.0	88.6	96.9	106.2	116.4	127.2	138.1	149.8	161.3	174.4	186.4
52.5°	85.7	95.1	104.9	115.6	127.4	139.6	152.4	165.9	180.2	194.7	209.3
50°	91.4	102.0	112.9	125.7	138.9	152.8	167.6	183.2	200.0	216.7	234.4
47.5°	97.3	108.6	121.9	135.8	150.9	166.8	183.5	202.2	220.7	241.8	262.1
45°	103.1	116.1	130.6	146.7	163.3	181.1	201.1	221.6	245.3	269.1	295.7
42.5°	108.7	123.7	140.0	157.3	176.1	196.7	218.7	244.5	271.2	300.6	332.0
40°	115.2	131.0	149.4	168.6	189.1	212.6	239.1	267.7	300.3	335.1	370.8
37.5°	121.4	139.2	158.5	179.4	203.2	229.7	258.9	293.9	331.6	371.2	419.6
35°	127.2	146.9	168.0	190.9	216.6	247.3	282.3	321.0	364.4	415.4	472.0
32.5°	133.4	154.3	176.9	202.6	231.8	265.2	305.0	350.6	401.9	460.0	530.8
30°	139.7	161.9	185.8	213.6	246.0	284.8	329.9	380.3	439.3	512.3	595.4
27.5°	145.5	169.0	195.2	225.2	259.9	302.8	353.9	412.9	482.4	565.0	662.0
25°	150.8	175.4	203.8	236.3	275.2	322.2	377.6	443.0	525.6	624.0	743.3
22.5°	155.9	181.3	211.6	246.2	289.0	341.0	403.4	478.2	569.6	680.0	823.1
20°	160.6	187.7	219.3	255.8	301.3	357.9	427.1	511.1	615.0	745.7	901.2
17.5°	164.8	193.3	226.6	266.1	315.0	375.2	449.4	540.1	655.5	804.4	973.4
15°	168.4	198.2	233.0	275.0	327.3	392.4	472.9	571.9	697.7	857.9	1036.7
12.5°	171.4	202.2	238.3	282.6	337.7	406.9	492.9	600.2	738.8	908.2	1092.3
10°	173.7	205.5	242.6	288.6	346.1	418.7	509.4	623.4	773.0	951.3	1139.3
7.5°	175.7	208.0	245.8	293.2	352.4	427.7	522.3	641.4	799.8	985.4	1175.4
5°	177.1	209.9	248.3	296.4	357.0	434.0	531.2	653.9	818.8	1010.1	1200.1
2.5°	177.9	210.8	249.7	298.1	359.9	437.5	536.0	661.7	829.2	1024.2	1215.1
0°	178.1	211.0	250.1	298.3	360.7	438.2	536.7	664.2	831.4	1027.9	1220.5
-2.5°	177.9	210.8	249.7	298.1	359.9	437.5	536.0	661.7	829.2	1024.2	1215.1
-5°	177.1	209.9	248.3	296.4	357.0	434.0	531.2	653.9	818.8	1010.1	1200.1
-7.5°	175.7	208.0	245.8	293.2	352.4	427.7	522.3	641.4	799.8	985.4	1175.4
-10°	173.7	205.5	242.6	288.6	346.1	418.7	509.4	623.4	773.0	951.3	1139.3
-12.5°	171.4	202.2	238.3	282.6	337.7	406.9	492.9	600.2	738.8	908.2	1092.3
-15°	168.4	198.2	233.0	275.0	327.3	392.4	472.9	571.9	697.7	857.9	1036.7
-17.5°	164.8	193.3	226.6	266.1	315.0	375.2	449.4	540.1	655.5	804.4	973.4
-20°	160.6	187.7	219.3	255.8	301.3	357.9	427.1	511.1	615.0	745.7	901.2

Classified

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

Scaled Data Report



REPORT NUMBER: P626613 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA1B-730-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°	155.9	181.3	211.6	246.2	289.0	341.0	403.4	478.2	569.6	680.0	823.1
-25°	150.8	175.4	203.8	236.3	275.2	322.2	377.6	443.0	525.6	624.0	743.3
-27.5°	145.5	169.0	195.2	225.2	259.9	302.8	353.9	412.9	482.4	565.0	662.0
-30°	139.7	161.9	185.8	213.6	246.0	284.8	329.9	380.3	439.3	512.3	595.4
-32.5°	133.4	154.3	176.9	202.6	231.8	265.2	305.0	350.6	401.9	460.0	530.8
-35°	127.2	146.9	168.0	190.9	216.6	247.3	282.3	321.0	364.4	415.4	472.0
-37.5°	121.4	139.2	158.5	179.4	203.2	229.7	258.9	293.9	331.6	371.2	419.6
-40°	115.2	131.0	149.4	168.6	189.1	212.6	239.1	267.7	300.3	335.1	370.8
-42.5°	108.7	123.7	140.0	157.3	176.1	196.7	218.7	244.5	271.2	300.6	332.0
-45°	103.1	116.1	130.6	146.7	163.3	181.1	201.1	221.6	245.3	269.1	295.7
-47.5°	97.3	108.6	121.9	135.8	150.9	166.8	183.5	202.2	220.7	241.8	262.1
-50°	91.4	102.0	112.9	125.7	138.9	152.8	167.6	183.2	200.0	216.7	234.4
-52.5°	85.7	95.1	104.9	115.6	127.4	139.6	152.4	165.9	180.2	194.7	209.3
-55°	80.0	88.6	96.9	106.2	116.4	127.2	138.1	149.8	161.3	174.4	186.4
-57.5°	74.5	81.9	89.2	97.0	105.9	115.1	124.7	134.4	144.9	155.2	165.0
-60°	69.3	75.3	81.6	88.3	95.4	103.5	111.5	120.1	128.8	137.4	146.0
-62.5°	63.9	68.6	73.9	79.8	85.9	91.9	98.7	106.0	113.3	120.4	127.4
-65°	57.4	61.7	65.9	70.8	76.5	81.2	86.3	91.9	98.2	103.9	109.0
-67.5°	50.7	54.5	57.9	61.4	65.7	69.8	74.0	78.3	83.1	88.1	92.6
-70°	43.5	47.2	50.2	53.0	55.4	58.0	61.3	64.6	68.4	73.2	77.6
-72.5°	36.2	39.5	42.4	44.9	46.5	47.6	49.2	51.1	54.7	59.5	63.7
-75°	29.3	31.8	34.4	36.7	37.6	37.7	37.6	38.2	41.8	46.7	51.0
-77.5°	22.6	24.7	26.7	28.6	29.1	29.0	28.7	28.1	30.8	34.9	39.3
-80°	16.3	17.6	19.2	20.7	21.0	20.8	20.4	19.6	21.8	24.8	28.0
-82.5°	10.6	11.5	12.4	13.2	13.3	13.1	12.7	12.2	13.8	15.8	17.8
-85°	5.4	5.4	5.9	6.3	6.5	6.5	6.4	6.1	6.9	7.8	8.8
-87.5°	2.7	2.7	2.7	2.6	2.5	2.3	2.1	1.9	2.0	2.1	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: P626613 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA1B-730-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°	2.2	2.2	2.1	2.0	1.9	1.9	1.8	1.8	1.7	1.6	1.5
85°	9.8	10.0	10.2	10.2	10.2	10.6	10.9	11.2	11.4	10.3	9.1
82.5°	19.9	20.9	21.7	22.5	23.3	23.9	24.3	24.6	24.8	22.4	19.8
80°	31.4	33.3	34.9	36.5	38.0	38.4	38.4	38.2	37.8	34.6	30.9
77.5°	43.6	46.2	48.3	50.3	52.3	53.0	53.4	53.7	53.8	49.9	45.0
75°	54.8	57.8	60.7	63.3	65.8	67.1	67.8	68.4	68.9	64.9	59.7
72.5°	67.4	70.7	73.7	76.7	79.3	81.0	82.1	83.1	83.8	81.5	78.2
70°	81.3	84.7	88.0	91.0	94.0	96.3	98.1	99.7	101.0	101.3	101.1
67.5°	96.8	100.8	104.7	108.0	111.5	114.8	117.7	120.0	122.0	123.2	123.9
65°	114.2	120.2	125.5	130.0	133.8	138.1	141.9	144.9	147.0	148.5	149.9
62.5°	134.7	141.9	148.0	154.0	160.1	166.2	169.9	173.7	177.4	180.9	183.9
60°	154.4	162.3	170.5	178.2	185.3	191.8	198.6	204.6	209.8	214.2	217.4
57.5°	175.4	185.1	194.4	204.1	213.3	221.8	230.1	237.8	244.5	250.1	254.7
55°	198.2	210.0	221.1	233.4	245.4	256.3	266.4	276.7	285.9	294.1	300.6
52.5°	222.8	238.1	252.8	267.3	282.8	296.8	309.3	323.6	336.3	346.8	354.9
50°	252.1	270.1	289.5	307.5	327.1	346.4	364.1	381.3	398.2	412.7	424.5
47.5°	285.5	307.7	331.8	355.6	379.9	406.2	429.7	451.5	475.0	495.5	511.8
45°	322.6	351.0	380.0	413.5	444.3	478.1	509.4	537.5	570.9	600.3	624.0
42.5°	363.9	401.5	439.7	481.9	522.8	565.8	611.4	651.9	696.1	738.3	772.4
40°	414.9	459.9	511.1	562.2	620.9	676.0	742.5	802.9	857.8	908.1	949.3
37.5°	471.6	529.7	593.9	660.4	740.7	819.5	897.3	970.8	1035.7	1090.7	1136.9
35°	536.1	609.8	687.6	784.6	878.8	973.2	1061.1	1141.3	1211.8	1274.0	1326.8
32.5°	610.2	698.6	807.6	916.6	1024.1	1127.9	1224.3	1311.9	1389.3	1459.0	1519.8
30°	688.0	808.7	931.1	1050.7	1168.0	1281.7	1387.6	1484.1	1571.5	1649.1	1719.1
27.5°	787.1	920.8	1054.2	1183.1	1312.2	1436.7	1551.5	1658.6	1758.9	1846.6	1926.7
25°	882.8	1030.6	1172.4	1313.0	1453.4	1587.1	1715.4	1836.5	1951.3	2052.1	2141.4
22.5°	978.6	1133.2	1284.8	1435.9	1586.8	1735.8	1879.9	2018.6	2147.0	2261.7	2362.2
20°	1067.3	1228.9	1391.0	1553.9	1717.5	1880.6	2042.4	2198.4	2341.6	2474.0	2590.4
17.5°	1146.8	1318.7	1490.5	1664.8	1842.1	2019.2	2198.9	2373.8	2537.5	2688.1	2823.2
15°	1217.1	1396.5	1581.0	1769.1	1959.5	2151.9	2348.0	2543.7	2727.9	2899.1	3049.8
12.5°	1278.7	1465.2	1658.6	1858.5	2065.1	2274.6	2488.7	2703.3	2907.1	3104.7	3267.4
10°	1329.5	1523.6	1725.7	1935.7	2153.6	2379.2	2608.9	2839.7	3064.4	3274.0	3460.1
7.5°	1368.7	1570.1	1778.4	1996.8	2225.4	2463.2	2706.5	2951.5	3191.3	3417.1	3623.0
5°	1396.4	1604.0	1814.8	2042.0	2278.6	2525.0	2777.9	3033.3	3283.9	3521.3	3734.7
2.5°	1412.5	1624.3	1836.0	2069.5	2310.3	2562.4	2822.2	3081.8	3338.9	3585.3	3804.5
0°	1416.7	1630.4	1848.2	2072.4	2320.2	2579.9	2830.4	3090.7	3358.0	3600.9	3819.4
-2.5°	1412.5	1624.3	1836.0	2069.5	2310.3	2562.4	2822.2	3081.8	3338.9	3585.3	3804.5
-5°	1396.4	1604.0	1814.8	2042.0	2278.6	2525.0	2777.9	3033.3	3283.9	3521.3	3734.7
-7.5°	1368.7	1570.1	1778.4	1996.8	2225.4	2463.2	2706.5	2951.5	3191.3	3417.1	3623.0
-10°	1329.5	1523.6	1725.7	1935.7	2153.6	2379.2	2608.9	2839.7	3064.4	3274.0	3460.1
-12.5°	1278.7	1465.2	1658.6	1858.5	2065.1	2274.6	2488.7	2703.3	2907.1	3104.7	3267.4
-15°	1217.1	1396.5	1581.0	1769.1	1959.5	2151.9	2348.0	2543.7	2727.9	2899.1	3049.8
-17.5°	1146.8	1318.7	1490.5	1664.8	1842.1	2019.2	2198.9	2373.8	2537.5	2688.1	2823.2
-20°	1067.3	1228.9	1391.0	1553.9	1717.5	1880.6	2042.4	2198.4	2341.6	2474.0	2590.4



REPORT NUMBER: P626613 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA1B-730-U-WR-XX

CANDELA DISTRIBUTION (continued):

	-35°	-32.5°	-30°	-27.5°	-25°	-22.5°	-20°	-17.5°	-15°	-12.5°	-10°
-22.5°	978.6	1133.2	1284.8	1435.9	1586.8	1735.8	1879.9	2018.6	2147.0	2261.7	2362.2
-25°	882.8	1030.6	1172.4	1313.0	1453.4	1587.1	1715.4	1836.5	1951.3	2052.1	2141.4
-27.5°	787.1	920.8	1054.2	1183.1	1312.2	1436.7	1551.5	1658.6	1758.9	1846.6	1926.7
-30°	688.0	808.7	931.1	1050.7	1168.0	1281.7	1387.6	1484.1	1571.5	1649.1	1719.1
-32.5°	610.2	698.6	807.6	916.6	1024.1	1127.9	1224.3	1311.9	1389.3	1459.0	1519.8
-35°	536.1	609.8	687.6	784.6	878.8	973.2	1061.1	1141.3	1211.8	1274.0	1326.8
-37.5°	471.6	529.7	593.9	660.4	740.7	819.5	897.3	970.8	1035.7	1090.7	1136.9
-40°	414.9	459.9	511.1	562.2	620.9	676.0	742.5	802.9	857.8	908.1	949.3
-42.5°	363.9	401.5	439.7	481.9	522.8	565.8	611.4	651.9	696.1	738.3	772.4
-45°	322.6	351.0	380.0	413.5	444.3	478.1	509.4	537.5	570.9	600.3	624.0
-47.5°	285.5	307.7	331.8	355.6	379.9	406.2	429.7	451.5	475.0	495.5	511.8
-50°	252.1	270.1	289.5	307.5	327.1	346.4	364.1	381.3	398.2	412.7	424.5
-52.5°	222.8	238.1	252.8	267.3	282.8	296.8	309.3	323.6	336.3	346.8	354.9
-55°	198.2	210.0	221.1	233.4	245.4	256.3	266.4	276.7	285.9	294.1	300.6
-57.5°	175.4	185.1	194.4	204.1	213.3	221.8	230.1	237.8	244.5	250.1	254.7
-60°	154.4	162.3	170.5	178.2	185.3	191.8	198.6	204.6	209.8	214.2	217.4
-62.5°	134.7	141.9	148.0	154.0	160.1	166.2	169.9	173.7	177.4	180.9	183.9
-65°	114.2	120.2	125.5	130.0	133.8	138.1	141.9	144.9	147.0	148.5	149.9
-67.5°	96.8	100.8	104.7	108.0	111.5	114.8	117.7	120.0	122.0	123.2	123.9
-70°	81.3	84.7	88.0	91.0	94.0	96.3	98.1	99.7	101.0	101.3	101.1
-72.5°	67.4	70.7	73.7	76.7	79.3	81.0	82.1	83.1	83.8	81.5	78.2
-75°	54.8	57.8	60.7	63.3	65.8	67.1	67.8	68.4	68.9	64.9	59.7
-77.5°	43.6	46.2	48.3	50.3	52.3	53.0	53.4	53.7	53.8	49.9	45.0
-80°	31.4	33.3	34.9	36.5	38.0	38.4	38.4	38.2	37.8	34.6	30.9
-82.5°	19.9	20.9	21.7	22.5	23.3	23.9	24.3	24.6	24.8	22.4	19.8
-85°	9.8	10.0	10.2	10.2	10.2	10.6	10.9	11.2	11.4	10.3	9.1
-87.5°	2.2	2.2	2.1	2.0	1.9	1.9	1.8	1.8	1.7	1.6	1.5
-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: P626613 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA1B-730-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°	1.3	1.2	1.0	0.9	1.0	1.2	1.3	1.5	1.6	1.7	1.8
85°	7.9	6.6	6.4	6.3	6.4	6.6	7.9	9.1	10.3	11.4	11.2
82.5°	17.0	14.2	13.7	13.3	13.7	14.2	17.0	19.8	22.4	24.8	24.6
80°	27.1	23.2	22.4	21.7	22.4	23.2	27.1	30.9	34.6	37.8	38.2
77.5°	39.8	34.5	32.8	31.3	32.8	34.5	39.8	45.0	49.9	53.8	53.7
75°	54.2	48.6	46.7	44.9	46.7	48.6	54.2	59.7	64.9	68.9	68.4
72.5°	74.9	71.4	68.0	64.2	68.0	71.4	74.9	78.2	81.5	83.8	83.1
70°	101.0	100.8	99.9	98.5	99.9	100.8	101.0	101.1	101.3	101.0	99.7
67.5°	124.2	124.1	124.4	124.5	124.4	124.1	124.2	123.9	123.2	122.0	120.0
65°	150.7	151.0	151.6	151.9	151.6	151.0	150.7	149.9	148.5	147.0	144.9
62.5°	186.2	187.7	188.4	188.3	188.4	187.7	186.2	183.9	180.9	177.4	173.7
60°	219.8	221.4	222.4	222.7	222.4	221.4	219.8	217.4	214.2	209.8	204.6
57.5°	258.3	260.9	262.3	262.5	262.3	260.9	258.3	254.7	250.1	244.5	237.8
55°	305.6	309.0	310.6	310.4	310.6	309.0	305.6	300.6	294.1	285.9	276.7
52.5°	361.1	365.3	368.5	370.4	368.5	365.3	361.1	354.9	346.8	336.3	323.6
50°	433.3	439.4	443.2	444.8	443.2	439.4	433.3	424.5	412.7	398.2	381.3
47.5°	523.7	531.7	537.7	541.8	537.7	531.7	523.7	511.8	495.5	475.0	451.5
45°	641.5	653.7	662.0	666.9	662.0	653.7	641.5	624.0	600.3	570.9	537.5
42.5°	799.1	818.1	829.7	834.2	829.7	818.1	799.1	772.4	738.3	696.1	651.9
40°	981.9	1004.7	1019.7	1030.0	1019.7	1004.7	981.9	949.3	908.1	857.8	802.9
37.5°	1172.3	1196.3	1210.9	1220.8	1210.9	1196.3	1172.3	1136.9	1090.7	1035.7	970.8
35°	1366.6	1391.7	1405.5	1413.1	1405.5	1391.7	1366.6	1326.8	1274.0	1211.8	1141.3
32.5°	1566.1	1593.8	1608.7	1624.0	1608.7	1593.8	1566.1	1519.8	1459.0	1389.3	1311.9
30°	1774.4	1806.2	1821.8	1829.2	1821.8	1806.2	1774.4	1719.1	1649.1	1571.5	1484.1
27.5°	1991.2	2030.8	2050.3	2063.1	2050.3	2030.8	1991.2	1926.7	1846.6	1758.9	1658.6
25°	2216.8	2265.8	2288.2	2308.1	2288.2	2265.8	2216.8	2141.4	2052.1	1951.3	1836.5
22.5°	2450.8	2511.9	2537.7	2551.9	2537.7	2511.9	2450.8	2362.2	2261.7	2147.0	2018.6
20°	2691.0	2763.9	2799.8	2818.3	2799.8	2763.9	2691.0	2590.4	2474.0	2341.6	2198.4
17.5°	2936.6	3027.3	3073.7	3084.4	3073.7	3027.3	2936.6	2823.2	2688.1	2537.5	2373.8
15°	3177.6	3275.7	3330.7	3350.8	3330.7	3275.7	3177.6	3049.8	2899.1	2727.9	2543.7
12.5°	3405.9	3507.6	3573.3	3585.0	3573.3	3507.6	3405.9	3267.4	3104.7	2907.1	2703.3
10°	3613.0	3718.3	3790.8	3807.4	3790.8	3718.3	3613.0	3460.1	3274.0	3064.4	2839.7
7.5°	3786.0	3901.7	3981.8	3995.7	3981.8	3901.7	3786.0	3623.0	3417.1	3191.3	2951.5
5°	3912.7	4050.0	4115.7	4132.2	4115.7	4050.0	3912.7	3734.7	3521.3	3283.9	3033.3
2.5°	3982.2	4121.9	4213.3	4202.8	4213.3	4121.9	3982.2	3804.5	3585.3	3338.9	3081.8
0°	3990.0	4136.2	4223.5	4263.9	4223.5	4136.2	3990.0	3819.4	3600.9	3358.0	3090.7
-2.5°	3982.2	4121.9	4213.3	4202.8	4213.3	4121.9	3982.2	3804.5	3585.3	3338.9	3081.8
-5°	3912.7	4050.0	4115.7	4132.2	4115.7	4050.0	3912.7	3734.7	3521.3	3283.9	3033.3
-7.5°	3786.0	3901.7	3981.8	3995.7	3981.8	3901.7	3786.0	3623.0	3417.1	3191.3	2951.5
-10°	3613.0	3718.3	3790.8	3807.4	3790.8	3718.3	3613.0	3460.1	3274.0	3064.4	2839.7
-12.5°	3405.9	3507.6	3573.3	3585.0	3573.3	3507.6	3405.9	3267.4	3104.7	2907.1	2703.3
-15°	3177.6	3275.7	3330.7	3350.8	3330.7	3275.7	3177.6	3049.8	2899.1	2727.9	2543.7
-17.5°	2936.6	3027.3	3073.7	3084.4	3073.7	3027.3	2936.6	2823.2	2688.1	2537.5	2373.8
-20°	2691.0	2763.9	2799.8	2818.3	2799.8	2763.9	2691.0	2590.4	2474.0	2341.6	2198.4



REPORT NUMBER: P626613 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA1B-730-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°	2450.8	2511.9	2537.7	2551.9	2537.7	2511.9	2450.8	2362.2	2261.7	2147.0	2018.6
-25°	2216.8	2265.8	2288.2	2308.1	2288.2	2265.8	2216.8	2141.4	2052.1	1951.3	1836.5
-27.5°	1991.2	2030.8	2050.3	2063.1	2050.3	2030.8	1991.2	1926.7	1846.6	1758.9	1658.6
-30°	1774.4	1806.2	1821.8	1829.2	1821.8	1806.2	1774.4	1719.1	1649.1	1571.5	1484.1
-32.5°	1566.1	1593.8	1608.7	1624.0	1608.7	1593.8	1566.1	1519.8	1459.0	1389.3	1311.9
-35°	1366.6	1391.7	1405.5	1413.1	1405.5	1391.7	1366.6	1326.8	1274.0	1211.8	1141.3
-37.5°	1172.3	1196.3	1210.9	1220.8	1210.9	1196.3	1172.3	1136.9	1090.7	1035.7	970.8
-40°	981.9	1004.7	1019.7	1030.0	1019.7	1004.7	981.9	949.3	908.1	857.8	802.9
-42.5°	799.1	818.1	829.7	834.2	829.7	818.1	799.1	772.4	738.3	696.1	651.9
-45°	641.5	653.7	662.0	666.9	662.0	653.7	641.5	624.0	600.3	570.9	537.5
-47.5°	523.7	531.7	537.7	541.8	537.7	531.7	523.7	511.8	495.5	475.0	451.5
-50°	433.3	439.4	443.2	444.8	443.2	439.4	433.3	424.5	412.7	398.2	381.3
-52.5°	361.1	365.3	368.5	370.4	368.5	365.3	361.1	354.9	346.8	336.3	323.6
-55°	305.6	309.0	310.6	310.4	310.6	309.0	305.6	300.6	294.1	285.9	276.7
-57.5°	258.3	260.9	262.3	262.5	262.3	260.9	258.3	254.7	250.1	244.5	237.8
-60°	219.8	221.4	222.4	222.7	222.4	221.4	219.8	217.4	214.2	209.8	204.6
-62.5°	186.2	187.7	188.4	188.3	188.4	187.7	186.2	183.9	180.9	177.4	173.7
-65°	150.7	151.0	151.6	151.9	151.6	151.0	150.7	149.9	148.5	147.0	144.9
-67.5°	124.2	124.1	124.4	124.5	124.4	124.1	124.2	123.9	123.2	122.0	120.0
-70°	101.0	100.8	99.9	98.5	99.9	100.8	101.0	101.1	101.3	101.0	99.7
-72.5°	74.9	71.4	68.0	64.2	68.0	71.4	74.9	78.2	81.5	83.8	83.1
-75°	54.2	48.6	46.7	44.9	46.7	48.6	54.2	59.7	64.9	68.9	68.4
-77.5°	39.8	34.5	32.8	31.3	32.8	34.5	39.8	45.0	49.9	53.8	53.7
-80°	27.1	23.2	22.4	21.7	22.4	23.2	27.1	30.9	34.6	37.8	38.2
-82.5°	17.0	14.2	13.7	13.3	13.7	14.2	17.0	19.8	22.4	24.8	24.6
-85°	7.9	6.6	6.4	6.3	6.4	6.6	7.9	9.1	10.3	11.4	11.2
-87.5°	1.3	1.2	1.0	0.9	1.0	1.2	1.3	1.5	1.6	1.7	1.8
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



REPORT NUMBER: P626613 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA1B-730-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°	1.8	1.9	1.9	2.0	2.1	2.2	2.2	2.1	2.1	2.0	1.9
85°	10.9	10.6	10.2	10.2	10.2	10.0	9.8	8.8	7.8	6.9	6.1
82.5°	24.3	23.9	23.3	22.5	21.7	20.9	19.9	17.8	15.8	13.8	12.2
80°	38.4	38.4	38.0	36.5	34.9	33.3	31.4	28.0	24.8	21.8	19.6
77.5°	53.4	53.0	52.3	50.3	48.3	46.2	43.6	39.3	34.9	30.8	28.1
75°	67.8	67.1	65.8	63.3	60.7	57.8	54.8	51.0	46.7	41.8	38.2
72.5°	82.1	81.0	79.3	76.7	73.7	70.7	67.4	63.7	59.5	54.7	51.1
70°	98.1	96.3	94.0	91.0	88.0	84.7	81.3	77.6	73.2	68.4	64.6
67.5°	117.7	114.8	111.5	108.0	104.7	100.8	96.8	92.6	88.1	83.1	78.3
65°	141.9	138.1	133.8	130.0	125.5	120.2	114.2	109.0	103.9	98.2	91.9
62.5°	169.9	166.2	160.1	154.0	148.0	141.9	134.7	127.4	120.4	113.3	106.0
60°	198.6	191.8	185.3	178.2	170.5	162.3	154.4	146.0	137.4	128.8	120.1
57.5°	230.1	221.8	213.3	204.1	194.4	185.1	175.4	165.0	155.2	144.9	134.4
55°	266.4	256.3	245.4	233.4	221.1	210.0	198.2	186.4	174.4	161.3	149.8
52.5°	309.3	296.8	282.8	267.3	252.8	238.1	222.8	209.3	194.7	180.2	165.9
50°	364.1	346.4	327.1	307.5	289.5	270.1	252.1	234.4	216.7	200.0	183.2
47.5°	429.7	406.2	379.9	355.6	331.8	307.7	285.5	262.1	241.8	220.7	202.2
45°	509.4	478.1	444.3	413.5	380.0	351.0	322.6	295.7	269.1	245.3	221.6
42.5°	611.4	565.8	522.8	481.9	439.7	401.5	363.9	332.0	300.6	271.2	244.5
40°	742.5	676.0	620.9	562.2	511.1	459.9	414.9	370.8	335.1	300.3	267.7
37.5°	897.3	819.5	740.7	660.4	593.9	529.7	471.6	419.6	371.2	331.6	293.9
35°	1061.1	973.2	878.8	784.6	687.6	609.8	536.1	472.0	415.4	364.4	321.0
32.5°	1224.3	1127.9	1024.1	916.6	807.6	698.6	610.2	530.8	460.0	401.9	350.6
30°	1387.6	1281.7	1168.0	1050.7	931.1	808.7	688.0	595.4	512.3	439.3	380.3
27.5°	1551.5	1436.7	1312.2	1183.1	1054.2	920.8	787.1	662.0	565.0	482.4	412.9
25°	1715.4	1587.1	1453.4	1313.0	1172.4	1030.6	882.8	743.3	624.0	525.6	443.0
22.5°	1879.9	1735.8	1586.8	1435.9	1284.8	1133.2	978.6	823.1	680.0	569.6	478.2
20°	2042.4	1880.6	1717.5	1553.9	1391.0	1228.9	1067.3	901.2	745.7	615.0	511.1
17.5°	2198.9	2019.2	1842.1	1664.8	1490.5	1318.7	1146.8	973.4	804.4	655.5	540.1
15°	2348.0	2151.9	1959.5	1769.1	1581.0	1396.5	1217.1	1036.7	857.9	697.7	571.9
12.5°	2488.7	2274.6	2065.1	1858.5	1658.6	1465.2	1278.7	1092.3	908.2	738.8	600.2
10°	2608.9	2379.2	2153.6	1935.7	1725.7	1523.6	1329.5	1139.3	951.3	773.0	623.4
7.5°	2706.5	2463.2	2225.4	1996.8	1778.4	1570.1	1368.7	1175.4	985.4	799.8	641.4
5°	2777.9	2525.0	2278.6	2042.0	1814.8	1604.0	1396.4	1200.1	1010.1	818.8	653.9
2.5°	2822.2	2562.4	2310.3	2069.5	1836.0	1624.3	1412.5	1215.1	1024.2	829.2	661.7
0°	2830.4	2579.9	2320.2	2072.4	1848.2	1630.4	1416.7	1220.5	1027.9	831.4	664.2
-2.5°	2822.2	2562.4	2310.3	2069.5	1836.0	1624.3	1412.5	1215.1	1024.2	829.2	661.7
-5°	2777.9	2525.0	2278.6	2042.0	1814.8	1604.0	1396.4	1200.1	1010.1	818.8	653.9
-7.5°	2706.5	2463.2	2225.4	1996.8	1778.4	1570.1	1368.7	1175.4	985.4	799.8	641.4
-10°	2608.9	2379.2	2153.6	1935.7	1725.7	1523.6	1329.5	1139.3	951.3	773.0	623.4
-12.5°	2488.7	2274.6	2065.1	1858.5	1658.6	1465.2	1278.7	1092.3	908.2	738.8	600.2
-15°	2348.0	2151.9	1959.5	1769.1	1581.0	1396.5	1217.1	1036.7	857.9	697.7	571.9
-17.5°	2198.9	2019.2	1842.1	1664.8	1490.5	1318.7	1146.8	973.4	804.4	655.5	540.1
-20°	2042.4	1880.6	1717.5	1553.9	1391.0	1228.9	1067.3	901.2	745.7	615.0	511.1

Classified

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

Scaled Data Report



REPORT NUMBER: P626613 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA1B-730-U-WR-XX

CANDELA DISTRIBUTION (continued):

	20°	22.5°	25°	27.5°	30°	32.5°	35°	37.5°	40°	42.5°	45°
-22.5°	1879.9	1735.8	1586.8	1435.9	1284.8	1133.2	978.6	823.1	680.0	569.6	478.2
-25°	1715.4	1587.1	1453.4	1313.0	1172.4	1030.6	882.8	743.3	624.0	525.6	443.0
-27.5°	1551.5	1436.7	1312.2	1183.1	1054.2	920.8	787.1	662.0	565.0	482.4	412.9
-30°	1387.6	1281.7	1168.0	1050.7	931.1	808.7	688.0	595.4	512.3	439.3	380.3
-32.5°	1224.3	1127.9	1024.1	916.6	807.6	698.6	610.2	530.8	460.0	401.9	350.6
-35°	1061.1	973.2	878.8	784.6	687.6	609.8	536.1	472.0	415.4	364.4	321.0
-37.5°	897.3	819.5	740.7	660.4	593.9	529.7	471.6	419.6	371.2	331.6	293.9
-40°	742.5	676.0	620.9	562.2	511.1	459.9	414.9	370.8	335.1	300.3	267.7
-42.5°	611.4	565.8	522.8	481.9	439.7	401.5	363.9	332.0	300.6	271.2	244.5
-45°	509.4	478.1	444.3	413.5	380.0	351.0	322.6	295.7	269.1	245.3	221.6
-47.5°	429.7	406.2	379.9	355.6	331.8	307.7	285.5	262.1	241.8	220.7	202.2
-50°	364.1	346.4	327.1	307.5	289.5	270.1	252.1	234.4	216.7	200.0	183.2
-52.5°	309.3	296.8	282.8	267.3	252.8	238.1	222.8	209.3	194.7	180.2	165.9
-55°	266.4	256.3	245.4	233.4	221.1	210.0	198.2	186.4	174.4	161.3	149.8
-57.5°	230.1	221.8	213.3	204.1	194.4	185.1	175.4	165.0	155.2	144.9	134.4
-60°	198.6	191.8	185.3	178.2	170.5	162.3	154.4	146.0	137.4	128.8	120.1
-62.5°	169.9	166.2	160.1	154.0	148.0	141.9	134.7	127.4	120.4	113.3	106.0
-65°	141.9	138.1	133.8	130.0	125.5	120.2	114.2	109.0	103.9	98.2	91.9
-67.5°	117.7	114.8	111.5	108.0	104.7	100.8	96.8	92.6	88.1	83.1	78.3
-70°	98.1	96.3	94.0	91.0	88.0	84.7	81.3	77.6	73.2	68.4	64.6
-72.5°	82.1	81.0	79.3	76.7	73.7	70.7	67.4	63.7	59.5	54.7	51.1
-75°	67.8	67.1	65.8	63.3	60.7	57.8	54.8	51.0	46.7	41.8	38.2
-77.5°	53.4	53.0	52.3	50.3	48.3	46.2	43.6	39.3	34.9	30.8	28.1
-80°	38.4	38.4	38.0	36.5	34.9	33.3	31.4	28.0	24.8	21.8	19.6
-82.5°	24.3	23.9	23.3	22.5	21.7	20.9	19.9	17.8	15.8	13.8	12.2
-85°	10.9	10.6	10.2	10.2	10.2	10.0	9.8	8.8	7.8	6.9	6.1
-87.5°	1.8	1.9	1.9	2.0	2.1	2.2	2.2	2.1	2.1	2.0	1.9
-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: P626613 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA1B-730-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°	2.1	2.3	2.5	2.6	2.7	2.7	2.7	2.7	2.6	2.4	2.2
85°	6.4	6.5	6.5	6.3	5.9	5.4	5.4	5.3	5.1	4.8	4.5
82.5°	12.7	13.1	13.3	13.2	12.4	11.5	10.6	9.6	8.6	7.4	6.7
80°	20.4	20.8	21.0	20.7	19.2	17.6	16.3	14.9	13.5	11.9	10.2
77.5°	28.7	29.0	29.1	28.6	26.7	24.7	22.6	20.3	18.4	16.5	14.3
75°	37.6	37.7	37.6	36.7	34.4	31.8	29.3	26.4	23.6	21.0	18.4
72.5°	49.2	47.6	46.5	44.9	42.4	39.5	36.2	32.5	28.9	25.5	22.4
70°	61.3	58.0	55.4	53.0	50.2	47.2	43.5	38.8	34.1	30.0	26.2
67.5°	74.0	69.8	65.7	61.4	57.9	54.5	50.7	45.1	39.4	34.4	29.9
65°	86.3	81.2	76.5	70.8	65.9	61.7	57.4	51.0	44.5	38.7	33.6
62.5°	98.7	91.9	85.9	79.8	73.9	68.6	63.9	56.6	49.4	42.8	37.0
60°	111.5	103.5	95.4	88.3	81.6	75.3	69.3	62.0	54.2	46.7	40.2
57.5°	124.7	115.1	105.9	97.0	89.2	81.9	74.5	66.9	58.9	50.7	43.2
55°	138.1	127.2	116.4	106.2	96.9	88.6	80.0	71.7	63.3	54.6	45.5
52.5°	152.4	139.6	127.4	115.6	104.9	95.1	85.7	76.3	67.5	58.4	48.0
50°	167.6	152.8	138.9	125.7	112.9	102.0	91.4	81.4	71.6	62.0	50.4
47.5°	183.5	166.8	150.9	135.8	121.9	108.6	97.3	86.3	75.6	65.6	52.6
45°	201.1	181.1	163.3	146.7	130.6	116.1	103.1	91.2	79.9	68.1	54.6
42.5°	218.7	196.7	176.1	157.3	140.0	123.7	108.7	96.2	84.1	70.4	56.5
40°	239.1	212.6	189.1	168.6	149.4	131.0	115.2	101.0	88.0	72.8	58.3
37.5°	258.9	229.7	203.2	179.4	158.5	139.2	121.4	105.6	91.0	75.3	60.0
35°	282.3	247.3	216.6	190.9	168.0	146.9	127.2	110.3	94.4	77.7	61.5
32.5°	305.0	265.2	231.8	202.6	176.9	154.3	133.4	115.1	97.8	80.1	62.8
30°	329.9	284.8	246.0	213.6	185.8	161.9	139.7	119.6	101.3	82.2	64.1
27.5°	353.9	302.8	259.9	225.2	195.2	169.0	145.5	123.9	104.7	84.5	65.7
25°	377.6	322.2	275.2	236.3	203.8	175.4	150.8	127.8	108.1	87.1	67.1
22.5°	403.4	341.0	289.0	246.2	211.6	181.3	155.9	132.2	111.3	89.5	68.4
20°	427.1	357.9	301.3	255.8	219.3	187.7	160.6	136.0	114.1	91.8	69.4
17.5°	449.4	375.2	315.0	266.1	226.6	193.3	164.8	139.4	116.5	93.9	70.3
15°	472.9	392.4	327.3	275.0	233.0	198.2	168.4	142.4	118.7	95.9	71.1
12.5°	492.9	406.9	337.7	282.6	238.3	202.2	171.4	144.8	120.4	97.5	71.8
10°	509.4	418.7	346.1	288.6	242.6	205.5	173.7	146.8	121.9	98.7	72.2
7.5°	522.3	427.7	352.4	293.2	245.8	208.0	175.7	148.3	123.1	99.6	72.3
5°	531.2	434.0	357.0	296.4	248.3	209.9	177.1	149.3	123.8	100.0	72.1
2.5°	536.0	437.5	359.9	298.1	249.7	210.8	177.9	149.8	124.2	100.1	71.6
0°	536.7	438.2	360.7	298.3	250.1	211.0	178.1	149.8	124.2	99.7	70.8
-2.5°	536.0	437.5	359.9	298.1	249.7	210.8	177.9	149.8	124.2	100.1	71.6
-5°	531.2	434.0	357.0	296.4	248.3	209.9	177.1	149.3	123.8	100.0	72.1
-7.5°	522.3	427.7	352.4	293.2	245.8	208.0	175.7	148.3	123.1	99.6	72.3
-10°	509.4	418.7	346.1	288.6	242.6	205.5	173.7	146.8	121.9	98.7	72.2
-12.5°	492.9	406.9	337.7	282.6	238.3	202.2	171.4	144.8	120.4	97.5	71.8
-15°	472.9	392.4	327.3	275.0	233.0	198.2	168.4	142.4	118.7	95.9	71.1
-17.5°	449.4	375.2	315.0	266.1	226.6	193.3	164.8	139.4	116.5	93.9	70.3
-20°	427.1	357.9	301.3	255.8	219.3	187.7	160.6	136.0	114.1	91.8	69.4

Classified

Cooper Lighting Solutions Photometric Lab
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Scaled Data Report



REPORT NUMBER: P626613 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA1B-730-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°	403.4	341.0	289.0	246.2	211.6	181.3	155.9	132.2	111.3	89.5	68.4
-25°	377.6	322.2	275.2	236.3	203.8	175.4	150.8	127.8	108.1	87.1	67.1
-27.5°	353.9	302.8	259.9	225.2	195.2	169.0	145.5	123.9	104.7	84.5	65.7
-30°	329.9	284.8	246.0	213.6	185.8	161.9	139.7	119.6	101.3	82.2	64.1
-32.5°	305.0	265.2	231.8	202.6	176.9	154.3	133.4	115.1	97.8	80.1	62.8
-35°	282.3	247.3	216.6	190.9	168.0	146.9	127.2	110.3	94.4	77.7	61.5
-37.5°	258.9	229.7	203.2	179.4	158.5	139.2	121.4	105.6	91.0	75.3	60.0
-40°	239.1	212.6	189.1	168.6	149.4	131.0	115.2	101.0	88.0	72.8	58.3
-42.5°	218.7	196.7	176.1	157.3	140.0	123.7	108.7	96.2	84.1	70.4	56.5
-45°	201.1	181.1	163.3	146.7	130.6	116.1	103.1	91.2	79.9	68.1	54.6
-47.5°	183.5	166.8	150.9	135.8	121.9	108.6	97.3	86.3	75.6	65.6	52.6
-50°	167.6	152.8	138.9	125.7	112.9	102.0	91.4	81.4	71.6	62.0	50.4
-52.5°	152.4	139.6	127.4	115.6	104.9	95.1	85.7	76.3	67.5	58.4	48.0
-55°	138.1	127.2	116.4	106.2	96.9	88.6	80.0	71.7	63.3	54.6	45.5
-57.5°	124.7	115.1	105.9	97.0	89.2	81.9	74.5	66.9	58.9	50.7	43.2
-60°	111.5	103.5	95.4	88.3	81.6	75.3	69.3	62.0	54.2	46.7	40.2
-62.5°	98.7	91.9	85.9	79.8	73.9	68.6	63.9	56.6	49.4	42.8	37.0
-65°	86.3	81.2	76.5	70.8	65.9	61.7	57.4	51.0	44.5	38.7	33.6
-67.5°	74.0	69.8	65.7	61.4	57.9	54.5	50.7	45.1	39.4	34.4	29.9
-70°	61.3	58.0	55.4	53.0	50.2	47.2	43.5	38.8	34.1	30.0	26.2
-72.5°	49.2	47.6	46.5	44.9	42.4	39.5	36.2	32.5	28.9	25.5	22.4
-75°	37.6	37.7	37.6	36.7	34.4	31.8	29.3	26.4	23.6	21.0	18.4
-77.5°	28.7	29.0	29.1	28.6	26.7	24.7	22.6	20.3	18.4	16.5	14.3
-80°	20.4	20.8	21.0	20.7	19.2	17.6	16.3	14.9	13.5	11.9	10.2
-82.5°	12.7	13.1	13.3	13.2	12.4	11.5	10.6	9.6	8.6	7.4	6.7
-85°	6.4	6.5	6.5	6.3	5.9	5.4	5.4	5.3	5.1	4.8	4.5
-87.5°	2.1	2.3	2.5	2.6	2.7	2.7	2.7	2.7	2.6	2.4	2.2
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

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REPORT NUMBER: P626613 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA1B-730-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°	2.0	1.6	1.2	0.8	0.5	0.2	0.0
85°	4.0	3.1	2.3	1.6	1.0	0.4	0.0
82.5°	6.0	4.7	3.5	2.4	1.5	0.6	0.0
80°	8.2	6.2	4.6	3.2	2.0	0.9	0.0
77.5°	11.7	8.1	5.8	4.0	2.4	1.1	0.0
75°	15.1	10.6	7.0	4.8	2.9	1.3	0.0
72.5°	18.4	13.1	8.7	5.5	3.4	1.5	0.0
70°	21.6	15.4	10.3	6.3	3.8	1.7	0.0
67.5°	24.3	17.6	11.9	7.3	4.3	1.9	0.0
65°	26.9	19.7	13.3	8.3	4.7	2.1	0.0
62.5°	29.4	21.6	14.7	9.2	5.1	2.2	0.0
60°	31.6	23.3	16.1	10.0	5.5	2.4	0.0
57.5°	33.7	25.0	17.3	10.8	6.0	2.6	0.0
55°	35.6	26.5	18.4	11.6	6.4	2.8	0.0
52.5°	37.3	27.9	19.4	12.2	6.9	2.9	0.0
50°	38.9	29.1	20.3	12.8	7.3	3.1	0.0
47.5°	40.4	30.3	21.2	13.4	7.7	3.2	0.0
45°	42.0	31.3	21.9	13.9	8.1	3.3	0.0
42.5°	43.5	32.1	22.5	14.4	8.5	3.5	0.0
40°	44.8	32.9	23.1	14.9	8.8	3.6	0.0
37.5°	45.9	33.5	23.6	15.5	9.1	3.7	0.0
35°	46.8	34.2	24.0	16.0	9.4	3.8	0.0
32.5°	47.7	34.8	24.3	16.4	9.7	3.9	0.0
30°	48.6	35.3	24.6	16.8	9.9	4.0	0.0
27.5°	49.4	35.7	25.1	17.2	10.1	4.0	0.0
25°	50.0	35.9	25.6	17.5	10.3	4.1	0.0
22.5°	50.4	36.2	26.0	17.7	10.5	4.1	0.0
20°	50.7	36.8	26.4	18.0	10.6	4.2	0.0
17.5°	51.2	37.4	26.7	18.1	10.7	4.2	0.0
15°	51.9	37.8	27.0	18.3	10.8	4.2	0.0
12.5°	52.4	38.1	27.2	18.3	10.9	4.3	0.0
10°	52.7	38.3	27.3	18.4	10.9	4.3	0.0
7.5°	52.8	38.4	27.3	18.4	10.9	4.3	0.0
5°	52.8	38.4	27.3	18.3	10.9	4.2	0.0
2.5°	52.5	38.2	27.3	18.2	10.9	4.2	0.0
0°	52.1	38.0	27.1	18.1	10.8	4.2	0.0
-2.5°	52.5	38.2	27.3	18.2	10.9	4.2	0.0
-5°	52.8	38.4	27.3	18.3	10.9	4.2	0.0
-7.5°	52.8	38.4	27.3	18.4	10.9	4.3	0.0
-10°	52.7	38.3	27.3	18.4	10.9	4.3	0.0
-12.5°	52.4	38.1	27.2	18.3	10.9	4.3	0.0
-15°	51.9	37.8	27.0	18.3	10.8	4.2	0.0
-17.5°	51.2	37.4	26.7	18.1	10.7	4.2	0.0
-20°	50.7	36.8	26.4	18.0	10.6	4.2	0.0

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CATALOG NUMBER: GFLD-SA1B-730-U-WR-XX

CANDELA DISTRIBUTION (continued):

	75°	77.5°	80°	82.5°	85°	87.5°	90°
-22.5°	50.4	36.2	26.0	17.7	10.5	4.1	0.0
-25°	50.0	35.9	25.6	17.5	10.3	4.1	0.0
-27.5°	49.4	35.7	25.1	17.2	10.1	4.0	0.0
-30°	48.6	35.3	24.6	16.8	9.9	4.0	0.0
-32.5°	47.7	34.8	24.3	16.4	9.7	3.9	0.0
-35°	46.8	34.2	24.0	16.0	9.4	3.8	0.0
-37.5°	45.9	33.5	23.6	15.5	9.1	3.7	0.0
-40°	44.8	32.9	23.1	14.9	8.8	3.6	0.0
-42.5°	43.5	32.1	22.5	14.4	8.5	3.5	0.0
-45°	42.0	31.3	21.9	13.9	8.1	3.3	0.0
-47.5°	40.4	30.3	21.2	13.4	7.7	3.2	0.0
-50°	38.9	29.1	20.3	12.8	7.3	3.1	0.0
-52.5°	37.3	27.9	19.4	12.2	6.9	2.9	0.0
-55°	35.6	26.5	18.4	11.6	6.4	2.8	0.0
-57.5°	33.7	25.0	17.3	10.8	6.0	2.6	0.0
-60°	31.6	23.3	16.1	10.0	5.5	2.4	0.0
-62.5°	29.4	21.6	14.7	9.2	5.1	2.2	0.0
-65°	26.9	19.7	13.3	8.3	4.7	2.1	0.0
-67.5°	24.3	17.6	11.9	7.3	4.3	1.9	0.0
-70°	21.6	15.4	10.3	6.3	3.8	1.7	0.0
-72.5°	18.4	13.1	8.7	5.5	3.4	1.5	0.0
-75°	15.1	10.6	7.0	4.8	2.9	1.3	0.0
-77.5°	11.7	8.1	5.8	4.0	2.4	1.1	0.0
-80°	8.2	6.2	4.6	3.2	2.0	0.9	0.0
-82.5°	6.0	4.7	3.5	2.4	1.5	0.6	0.0
-85°	4.0	3.1	2.3	1.6	1.0	0.4	0.0
-87.5°	2.0	1.6	1.2	0.8	0.5	0.2	0.0
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0

(END OF REPORT)