

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: P626643 (CONVERTED FROM TYPE C PHOTOMETRY)

Luminaire Tested: **GFLD-SA1B-750-U-WR-XX**

Issue Date: 12/7/2022

Test Information

Test Method: LM-79-08
Report Number: P626643 (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-750-U-WR-XX
Description: GALLEON FLOOD, ONE LIGHT SQAURE, WIDE SYMMETRICAL ROUND N32
Light Source: (16) 5000K CCT, 70 CRI LEDS
Ballast/Driver: -

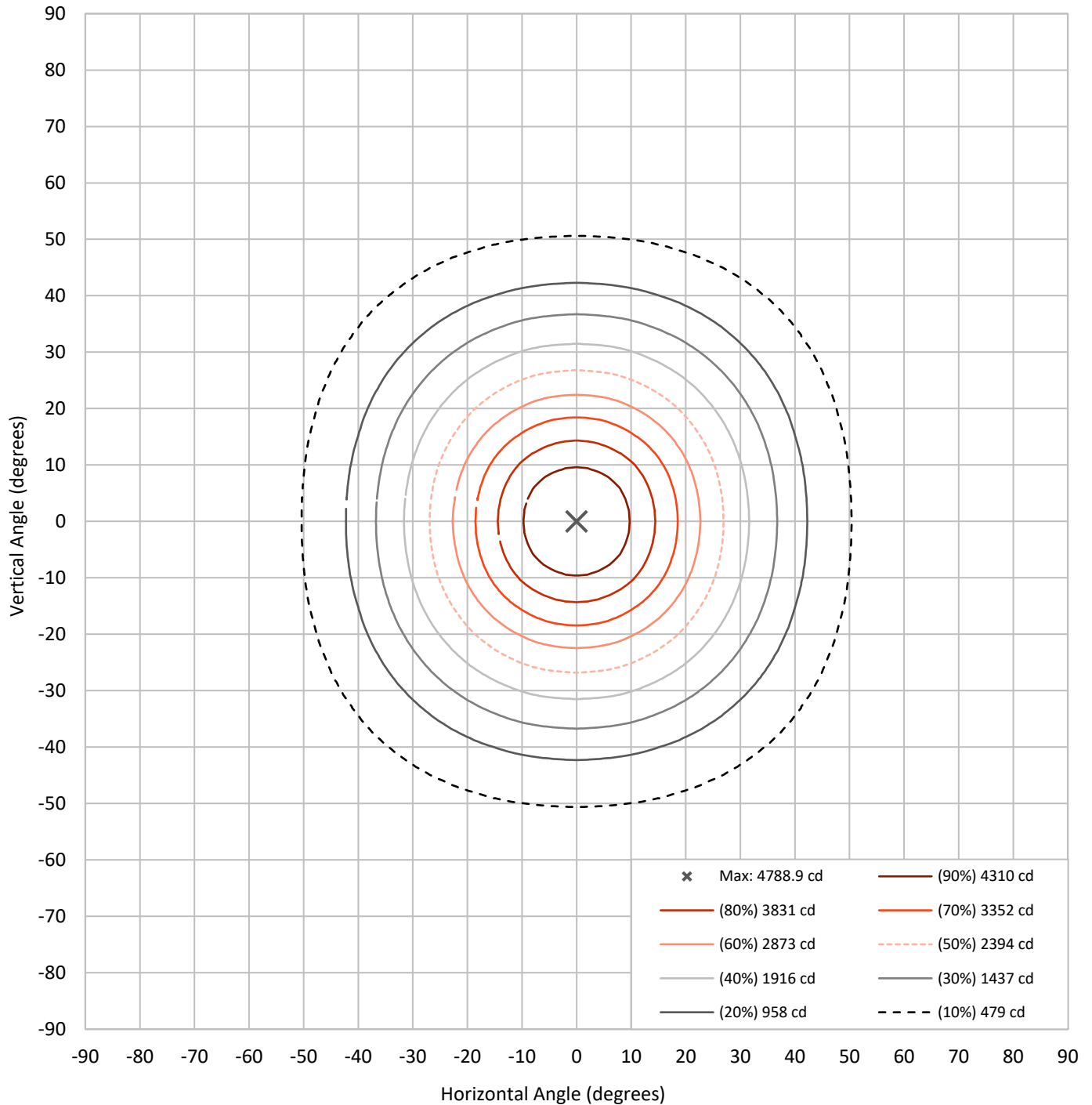
Summary

Lumens per Lamp:	N/A	NEMA Type:	6H x 6V
Luminaire Lumens:	4874 lumens	Max Intensity:	4788.9 candela
Efficiency:	N/A	Max Intensity Angle:	0°H x 0°V
Efficacy:	145.5 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:	2330.5 lumens	Field Lumens:	4301.5 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





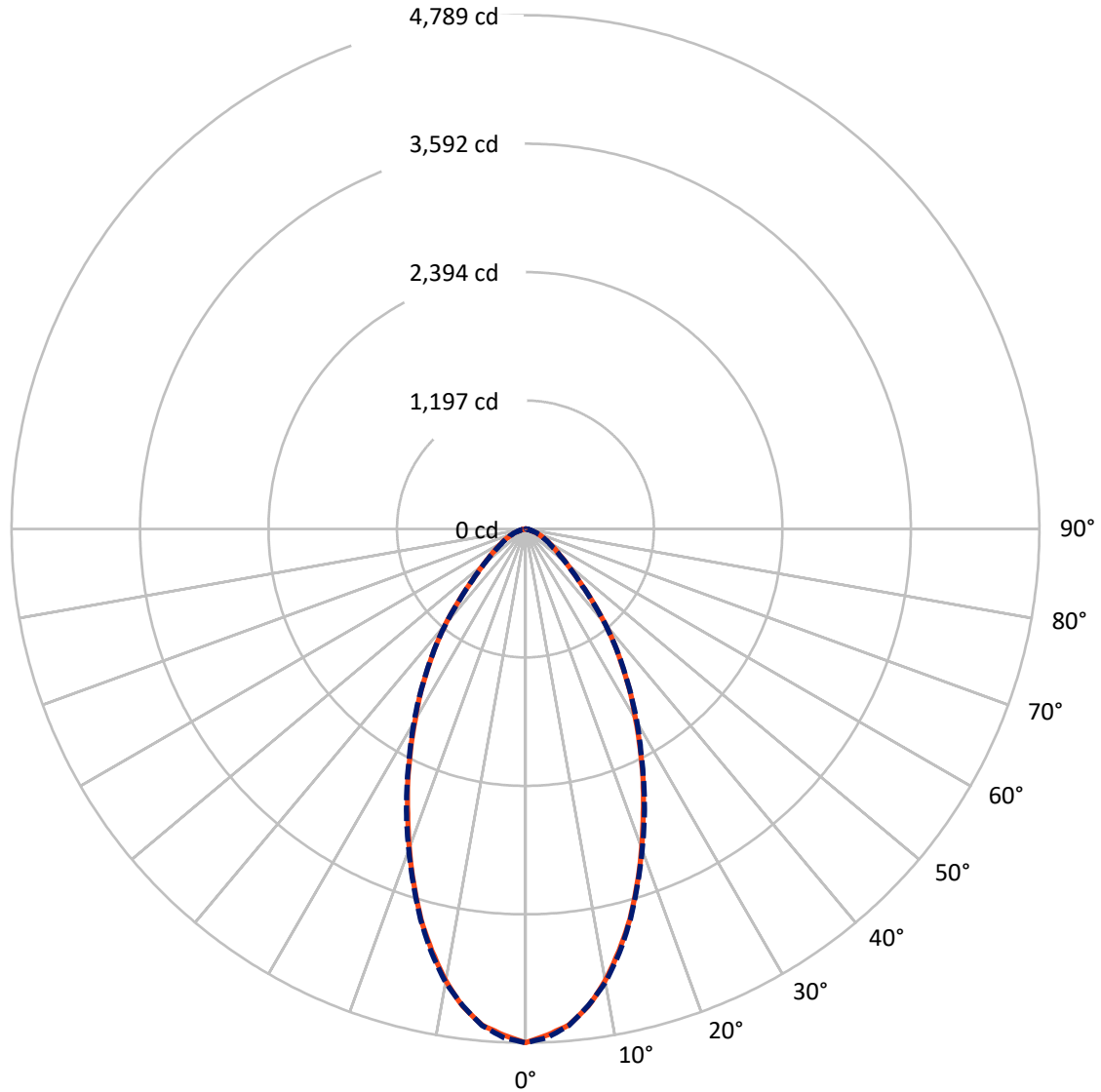
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Lumen Table

90															90				
80	0.2	1.3		3.1		5.1		4.4		5.1		3.1		1.3		0.2			
70															70				
60	0.6	0.7	1.4	2.2	3.2	4.2	5.0	5.3	5.3	5.0	4.2	3.2	2.2	1.4	0.7	0.6			
50		1.0	2.1	3.7	5.6	7.7	9.6	10.7	10.7	9.6	7.7	5.6	3.7	2.1	1.0				
40	0.9	1.3	2.9	5.5	9.2	14.1	19.5	23.1	23.1	19.5	14.1	9.2	5.5	2.9	1.3	0.9			
30		1.6	3.8	7.9	15.4	27.4	39.9	47.3	47.3	39.9	27.4	15.4	7.9	3.8	1.6				
20	1.1	1.9	4.8	11.1	25.0	44.9	64.2	76.8	76.8	64.2	44.9	25.0	11.1	4.8	1.9	1.1			
10		2.1	5.6	14.4	34.1	60.6	89.5	110.1	110.1	89.5	60.6	34.1	14.4	5.6	2.1				
0	1.2	2.2	6.1	16.5	39.2	70.5	107.2	134.9	134.9	107.2	70.5	39.2	16.5	6.1	2.2	1.2			
-10		2.2	6.1	16.5	39.2	70.5	107.2	134.9	134.9	107.2	70.5	39.2	16.5	6.1	2.2				
-20	1.1	2.1	5.6	14.4	34.1	60.6	89.5	110.1	110.1	89.5	60.6	34.1	14.4	5.6	2.1	1.1			
-30		1.9	4.8	11.1	25.0	44.9	64.2	76.8	76.8	64.2	44.9	25.0	11.1	4.8	1.9				
-40	0.9	1.6	3.8	7.9	15.4	27.4	39.9	47.3	47.3	39.9	27.4	15.4	7.9	3.8	1.6	0.9			
-50		1.3	2.9	5.5	9.2	14.1	19.5	23.1	23.1	19.5	14.1	9.2	5.5	2.9	1.3				
-60	0.6	1.0	2.1	3.7	5.6	7.7	9.6	10.7	10.7	9.6	7.7	5.6	3.7	2.1	1.0	0.6			
-70		0.7	1.4	2.2	3.2	4.2	5.0	5.3	5.3	5.0	4.2	3.2	2.2	1.4	0.7				
-80															-80				
-90	0.2	1.3		3.1		5.1		4.4		5.1		3.1		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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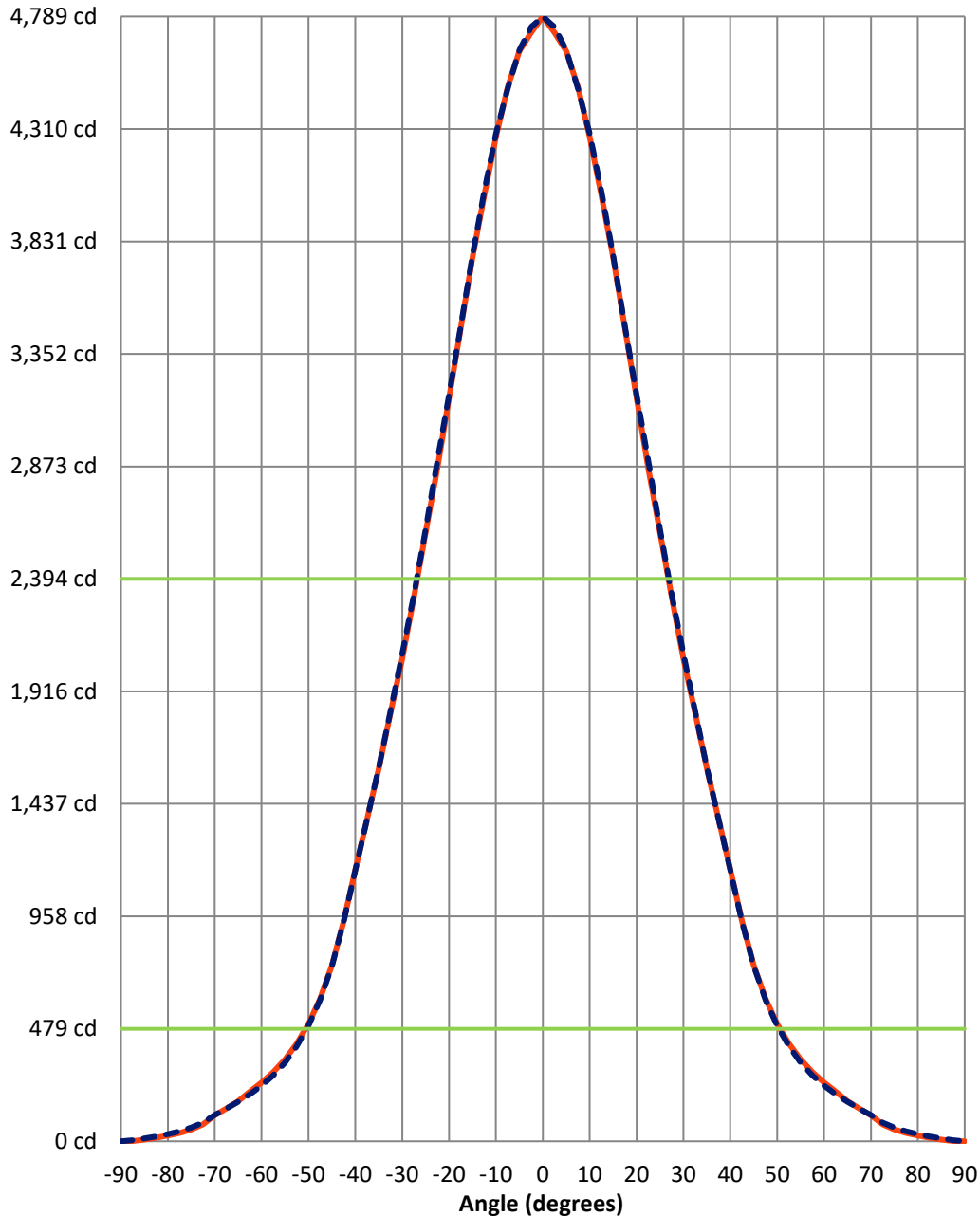
Luminous Intensity Polar Plot



— 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: 2330.5
 Efficiency: 47.8%

Field:
 H Angle: 100.8°
 V Angle: 101.2°
 Lumens: 4301.5
 Efficiency: 88.3%

Spill:
 Lumens: 572.5
 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	0.6	0.9	1.3	1.8	2.3	2.5	2.7	2.9	3.0
85°	0.0	0.5	1.1	1.8	2.6	3.5	4.5	5.0	5.4	5.8	6.0
82.5°	0.0	0.7	1.7	2.7	3.9	5.3	6.8	7.6	8.3	9.7	10.8
80°	0.0	1.0	2.2	3.6	5.2	7.0	9.2	11.5	13.4	15.2	16.7
77.5°	0.0	1.2	2.7	4.5	6.5	9.1	13.2	16.1	18.5	20.7	22.8
75°	0.0	1.4	3.3	5.4	7.9	12.0	17.0	20.7	23.6	26.5	29.7
72.5°	0.0	1.7	3.8	6.2	9.8	14.7	20.7	25.2	28.7	32.4	36.4
70°	0.0	1.9	4.3	7.1	11.6	17.3	24.2	29.4	33.7	38.2	43.6
67.5°	0.0	2.1	4.8	8.2	13.3	19.8	27.3	33.6	38.6	44.2	50.7
65°	0.0	2.3	5.3	9.3	15.0	22.1	30.2	37.6	43.4	50.0	57.3
62.5°	0.0	2.5	5.7	10.3	16.5	24.2	32.9	41.5	48.1	55.6	63.6
60°	0.0	2.7	6.2	11.2	18.0	26.2	35.5	45.2	52.5	60.9	69.6
57.5°	0.0	2.9	6.7	12.1	19.3	28.0	37.8	48.5	57.0	66.1	75.1
55°	0.0	3.1	7.2	12.9	20.6	29.7	40.0	51.1	61.4	71.0	80.5
52.5°	0.0	3.3	7.7	13.7	21.8	31.2	41.9	54.0	65.5	75.8	85.7
50°	0.0	3.4	8.2	14.4	22.8	32.7	43.7	56.6	69.6	80.4	91.4
47.5°	0.0	3.6	8.7	15.0	23.7	34.0	45.4	59.1	73.6	84.9	97.0
45°	0.0	3.7	9.1	15.6	24.6	35.1	47.2	61.2	76.5	89.8	102.4
42.5°	0.0	3.9	9.5	16.1	25.3	36.1	48.9	63.4	79.1	94.5	108.0
40°	0.0	4.0	9.9	16.7	25.9	36.9	50.3	65.5	81.8	98.8	113.4
37.5°	0.0	4.1	10.2	17.3	26.5	37.6	51.6	67.4	84.6	102.2	118.6
35°	0.0	4.2	10.6	17.9	27.0	38.4	52.6	69.1	87.3	106.0	123.9
32.5°	0.0	4.3	10.9	18.4	27.3	39.1	53.5	70.6	89.9	109.9	129.3
30°	0.0	4.4	11.1	18.9	27.6	39.7	54.6	72.0	92.4	113.7	134.4
27.5°	0.0	4.5	11.4	19.3	28.2	40.1	55.5	73.8	95.0	117.6	139.1
25°	0.0	4.6	11.6	19.6	28.7	40.3	56.1	75.4	97.8	121.5	143.6
22.5°	0.0	4.6	11.8	19.9	29.2	40.6	56.6	76.8	100.6	125.0	148.4
20°	0.0	4.7	12.0	20.2	29.7	41.4	56.9	78.0	103.2	128.1	152.8
17.5°	0.0	4.7	12.1	20.3	30.0	42.0	57.5	78.9	105.5	130.9	156.6
15°	0.0	4.8	12.2	20.5	30.3	42.5	58.3	79.9	107.7	133.3	159.9
12.5°	0.0	4.8	12.3	20.6	30.5	42.8	58.8	80.7	109.5	135.2	162.6
10°	0.0	4.8	12.3	20.6	30.7	43.0	59.2	81.1	110.9	136.9	164.8
7.5°	0.0	4.8	12.3	20.6	30.8	43.1	59.3	81.2	111.9	138.2	166.5
5°	0.0	4.8	12.3	20.6	30.7	43.0	59.3	81.0	112.4	139.0	167.7
2.5°	0.0	4.7	12.3	20.5	30.7	42.9	59.0	80.4	112.4	139.4	168.2
0°	0.0	4.7	12.2	20.3	30.5	42.6	58.6	79.5	112.0	139.4	168.2
-2.5°	0.0	4.7	12.3	20.5	30.7	42.9	59.0	80.4	112.4	139.4	168.2
-5°	0.0	4.8	12.3	20.6	30.7	43.0	59.3	81.0	112.4	139.0	167.7
-7.5°	0.0	4.8	12.3	20.6	30.8	43.1	59.3	81.2	111.9	138.2	166.5
-10°	0.0	4.8	12.3	20.6	30.7	43.0	59.2	81.1	110.9	136.9	164.8
-12.5°	0.0	4.8	12.3	20.6	30.5	42.8	58.8	80.7	109.5	135.2	162.6
-15°	0.0	4.8	12.2	20.5	30.3	42.5	58.3	79.9	107.7	133.3	159.9
-17.5°	0.0	4.7	12.1	20.3	30.0	42.0	57.5	78.9	105.5	130.9	156.6
-20°	0.0	4.7	12.0	20.2	29.7	41.4	56.9	78.0	103.2	128.1	152.8

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CANDELA DISTRIBUTION (continued):

	-90°	-87.5°	-85°	-82.5°	-80°	-77.5°	-75°	-72.5°	-70°	-67.5°	-65°
-22.5°	0.0	4.6	11.8	19.9	29.2	40.6	56.6	76.8	100.6	125.0	148.4
-25°	0.0	4.6	11.6	19.6	28.7	40.3	56.1	75.4	97.8	121.5	143.6
-27.5°	0.0	4.5	11.4	19.3	28.2	40.1	55.5	73.8	95.0	117.6	139.1
-30°	0.0	4.4	11.1	18.9	27.6	39.7	54.6	72.0	92.4	113.7	134.4
-32.5°	0.0	4.3	10.9	18.4	27.3	39.1	53.5	70.6	89.9	109.9	129.3
-35°	0.0	4.2	10.6	17.9	27.0	38.4	52.6	69.1	87.3	106.0	123.9
-37.5°	0.0	4.1	10.2	17.3	26.5	37.6	51.6	67.4	84.6	102.2	118.6
-40°	0.0	4.0	9.9	16.7	25.9	36.9	50.3	65.5	81.8	98.8	113.4
-42.5°	0.0	3.9	9.5	16.1	25.3	36.1	48.9	63.4	79.1	94.5	108.0
-45°	0.0	3.7	9.1	15.6	24.6	35.1	47.2	61.2	76.5	89.8	102.4
-47.5°	0.0	3.6	8.7	15.0	23.7	34.0	45.4	59.1	73.6	84.9	97.0
-50°	0.0	3.4	8.2	14.4	22.8	32.7	43.7	56.6	69.6	80.4	91.4
-52.5°	0.0	3.3	7.7	13.7	21.8	31.2	41.9	54.0	65.5	75.8	85.7
-55°	0.0	3.1	7.2	12.9	20.6	29.7	40.0	51.1	61.4	71.0	80.5
-57.5°	0.0	2.9	6.7	12.1	19.3	28.0	37.8	48.5	57.0	66.1	75.1
-60°	0.0	2.7	6.2	11.2	18.0	26.2	35.5	45.2	52.5	60.9	69.6
-62.5°	0.0	2.5	5.7	10.3	16.5	24.2	32.9	41.5	48.1	55.6	63.6
-65°	0.0	2.3	5.3	9.3	15.0	22.1	30.2	37.6	43.4	50.0	57.3
-67.5°	0.0	2.1	4.8	8.2	13.3	19.8	27.3	33.6	38.6	44.2	50.7
-70°	0.0	1.9	4.3	7.1	11.6	17.3	24.2	29.4	33.7	38.2	43.6
-72.5°	0.0	1.7	3.8	6.2	9.8	14.7	20.7	25.2	28.7	32.4	36.4
-75°	0.0	1.4	3.3	5.4	7.9	12.0	17.0	20.7	23.6	26.5	29.7
-77.5°	0.0	1.2	2.7	4.5	6.5	9.1	13.2	16.1	18.5	20.7	22.8
-80°	0.0	1.0	2.2	3.6	5.2	7.0	9.2	11.5	13.4	15.2	16.7
-82.5°	0.0	0.7	1.7	2.7	3.9	5.3	6.8	7.6	8.3	9.7	10.8
-85°	0.0	0.5	1.1	1.8	2.6	3.5	4.5	5.0	5.4	5.8	6.0
-87.5°	0.0	0.2	0.6	0.9	1.3	1.8	2.3	2.5	2.7	2.9	3.0
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



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CANDELA DISTRIBUTION (continued):

	-62.5°	-60°	-57.5°	-55°	-52.5°	-50°	-47.5°	-45°	-42.5°	-40°	-37.5°
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
87.5°	3.0	3.1	3.0	2.9	2.8	2.6	2.4	2.1	2.2	2.3	2.4
85°	6.1	6.1	6.6	7.1	7.3	7.3	7.2	6.8	7.7	8.8	9.9
82.5°	11.9	13.0	13.9	14.8	14.9	14.7	14.3	13.7	15.5	17.7	20.0
80°	18.3	19.8	21.5	23.2	23.6	23.4	22.9	22.1	24.5	27.8	31.5
77.5°	25.4	27.8	30.0	32.1	32.7	32.6	32.2	31.5	34.6	39.3	44.1
75°	32.8	35.8	38.7	41.2	42.3	42.4	42.2	43.0	46.9	52.4	57.2
72.5°	40.6	44.4	47.6	50.4	52.2	53.5	55.3	57.4	61.5	66.8	71.6
70°	48.9	53.0	56.4	59.6	62.2	65.1	68.9	72.6	76.9	82.2	87.1
67.5°	57.0	61.2	65.1	68.9	73.8	78.4	83.1	88.0	93.3	99.0	104.0
65°	64.5	69.2	74.0	79.5	85.9	91.2	97.0	103.3	110.3	116.7	122.4
62.5°	71.7	77.1	82.9	89.7	96.6	103.2	110.9	119.1	127.3	135.2	143.1
60°	77.8	84.5	91.6	99.2	107.2	116.3	125.3	134.9	144.7	154.3	164.1
57.5°	83.7	91.9	100.2	109.0	119.0	129.3	140.1	151.0	162.7	174.3	185.4
55°	89.8	99.5	108.9	119.4	130.7	142.9	155.1	168.3	181.2	195.8	209.3
52.5°	96.3	106.9	117.9	129.9	143.1	156.8	171.2	186.3	202.4	218.6	235.1
50°	102.7	114.6	126.8	141.2	156.0	171.6	188.2	205.9	224.6	243.4	263.3
47.5°	109.3	122.0	137.0	152.5	169.5	187.3	206.2	227.1	247.9	271.6	294.4
45°	115.8	130.5	146.7	164.8	183.4	203.5	225.9	248.9	275.5	302.2	332.2
42.5°	122.1	139.0	157.3	176.6	197.9	220.9	245.7	274.6	304.6	337.7	372.9
40°	129.3	147.1	167.7	189.4	212.4	238.7	268.5	300.6	337.2	376.4	416.4
37.5°	136.3	156.3	178.0	201.5	228.2	257.9	290.8	330.1	372.4	416.9	471.3
35°	142.9	165.0	188.7	214.4	243.3	277.7	317.0	360.5	409.2	466.6	530.1
32.5°	149.9	173.3	198.7	227.5	260.3	297.8	342.5	393.7	451.3	516.7	596.1
30°	156.9	181.8	208.7	239.9	276.3	319.8	370.6	427.1	493.4	575.4	668.7
27.5°	163.4	189.8	219.2	253.0	291.8	340.0	397.5	463.8	541.8	634.5	743.5
25°	169.4	197.0	228.9	265.4	309.0	361.8	424.1	497.6	590.3	700.8	834.9
22.5°	175.1	203.6	237.7	276.6	324.5	383.0	453.1	537.1	639.6	763.7	924.4
20°	180.4	210.8	246.3	287.3	338.3	402.1	479.7	574.0	690.7	837.5	1012.2
17.5°	185.1	217.1	254.5	298.9	353.7	421.4	504.8	606.6	736.2	903.5	1093.2
15°	189.1	222.5	261.6	308.9	367.6	440.7	531.2	642.3	783.6	963.5	1164.4
12.5°	192.5	227.1	267.6	317.3	379.3	457.0	553.7	674.2	829.8	1020.0	1226.8
10°	195.1	230.7	272.4	324.2	388.7	470.3	572.2	700.2	868.2	1068.4	1279.7
7.5°	197.4	233.6	276.1	329.3	395.8	480.4	586.6	720.4	898.2	1106.7	1320.2
5°	198.9	235.6	278.9	332.9	401.0	487.4	596.7	734.4	919.6	1134.5	1347.9
2.5°	199.8	236.7	280.5	334.9	404.2	491.4	602.0	743.3	931.3	1150.4	1364.7
0°	200.0	236.9	280.9	335.1	405.1	492.1	602.8	746.0	933.8	1154.5	1370.8
-2.5°	199.8	236.7	280.5	334.9	404.2	491.4	602.0	743.3	931.3	1150.4	1364.7
-5°	198.9	235.6	278.9	332.9	401.0	487.4	596.7	734.4	919.6	1134.5	1347.9
-7.5°	197.4	233.6	276.1	329.3	395.8	480.4	586.6	720.4	898.2	1106.7	1320.2
-10°	195.1	230.7	272.4	324.2	388.7	470.3	572.2	700.2	868.2	1068.4	1279.7
-12.5°	192.5	227.1	267.6	317.3	379.3	457.0	553.7	674.2	829.8	1020.0	1226.8
-15°	189.1	222.5	261.6	308.9	367.6	440.7	531.2	642.3	783.6	963.5	1164.4
-17.5°	185.1	217.1	254.5	298.9	353.7	421.4	504.8	606.6	736.2	903.5	1093.2
-20°	180.4	210.8	246.3	287.3	338.3	402.1	479.7	574.0	690.7	837.5	1012.2

Classified

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

Scaled Data Report



REPORT NUMBER: P626643 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA1B-750-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°	175.1	203.6	237.7	276.6	324.5	383.0	453.1	537.1	639.6	763.7	924.4
-25°	169.4	197.0	228.9	265.4	309.0	361.8	424.1	497.6	590.3	700.8	834.9
-27.5°	163.4	189.8	219.2	253.0	291.8	340.0	397.5	463.8	541.8	634.5	743.5
-30°	156.9	181.8	208.7	239.9	276.3	319.8	370.6	427.1	493.4	575.4	668.7
-32.5°	149.9	173.3	198.7	227.5	260.3	297.8	342.5	393.7	451.3	516.7	596.1
-35°	142.9	165.0	188.7	214.4	243.3	277.7	317.0	360.5	409.2	466.6	530.1
-37.5°	136.3	156.3	178.0	201.5	228.2	257.9	290.8	330.1	372.4	416.9	471.3
-40°	129.3	147.1	167.7	189.4	212.4	238.7	268.5	300.6	337.2	376.4	416.4
-42.5°	122.1	139.0	157.3	176.6	197.9	220.9	245.7	274.6	304.6	337.7	372.9
-45°	115.8	130.5	146.7	164.8	183.4	203.5	225.9	248.9	275.5	302.2	332.2
-47.5°	109.3	122.0	137.0	152.5	169.5	187.3	206.2	227.1	247.9	271.6	294.4
-50°	102.7	114.6	126.8	141.2	156.0	171.6	188.2	205.9	224.6	243.4	263.3
-52.5°	96.3	106.9	117.9	129.9	143.1	156.8	171.2	186.3	202.4	218.6	235.1
-55°	89.8	99.5	108.9	119.4	130.7	142.9	155.1	168.3	181.2	195.8	209.3
-57.5°	83.7	91.9	100.2	109.0	119.0	129.3	140.1	151.0	162.7	174.3	185.4
-60°	77.8	84.5	91.6	99.2	107.2	116.3	125.3	134.9	144.7	154.3	164.1
-62.5°	71.7	77.1	82.9	89.7	96.6	103.2	110.9	119.1	127.3	135.2	143.1
-65°	64.5	69.2	74.0	79.5	85.9	91.2	97.0	103.3	110.3	116.7	122.4
-67.5°	57.0	61.2	65.1	68.9	73.8	78.4	83.1	88.0	93.3	99.0	104.0
-70°	48.9	53.0	56.4	59.6	62.2	65.1	68.9	72.6	76.9	82.2	87.1
-72.5°	40.6	44.4	47.6	50.4	52.2	53.5	55.3	57.4	61.5	66.8	71.6
-75°	32.8	35.8	38.7	41.2	42.3	42.4	42.2	43.0	46.9	52.4	57.2
-77.5°	25.4	27.8	30.0	32.1	32.7	32.6	32.2	31.5	34.6	39.3	44.1
-80°	18.3	19.8	21.5	23.2	23.6	23.4	22.9	22.1	24.5	27.8	31.5
-82.5°	11.9	13.0	13.9	14.8	14.9	14.7	14.3	13.7	15.5	17.7	20.0
-85°	6.1	6.1	6.6	7.1	7.3	7.3	7.2	6.8	7.7	8.8	9.9
-87.5°	3.0	3.1	3.0	2.9	2.8	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: P626643 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA1B-750-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	2.3	2.2	2.1	2.1	2.0	1.9	1.8	1.7
85°	11.0	11.3	11.4	11.4	11.4	11.8	12.1	12.4	12.7	11.5	10.2
82.5°	22.4	23.4	24.3	25.2	26.1	26.8	27.2	27.6	27.8	25.2	22.2
80°	35.2	37.4	39.3	41.0	42.7	43.1	43.1	42.8	42.4	38.8	34.7
77.5°	49.0	51.9	54.2	56.5	58.7	59.5	59.9	60.2	60.4	55.9	50.5
75°	61.5	64.9	68.1	71.1	73.9	75.3	76.2	76.9	77.4	73.0	67.1
72.5°	75.7	79.3	82.8	86.1	89.1	91.0	92.3	93.3	94.1	91.6	87.9
70°	91.4	95.2	98.9	102.3	105.6	108.2	110.2	111.9	113.4	113.7	113.6
67.5°	108.8	113.2	117.6	121.3	125.2	128.9	132.1	134.8	137.0	138.4	139.2
65°	128.3	135.0	140.9	146.0	150.2	155.1	159.4	162.7	165.1	166.8	168.3
62.5°	151.3	159.4	166.2	172.9	179.9	186.6	190.9	195.1	199.3	203.2	206.5
60°	173.4	182.3	191.5	200.1	208.1	215.5	223.0	229.7	235.6	240.5	244.2
57.5°	197.0	207.8	218.3	229.2	239.5	249.1	258.4	267.1	274.6	280.9	286.0
55°	222.6	235.8	248.3	262.2	275.6	287.9	299.1	310.7	321.1	330.3	337.6
52.5°	250.2	267.5	284.0	300.3	317.7	333.3	347.4	363.4	377.7	389.4	398.6
50°	283.2	303.4	325.2	345.4	367.4	389.0	408.9	428.2	447.2	463.5	476.7
47.5°	320.7	345.6	372.6	399.4	426.6	456.2	482.6	507.2	533.6	556.5	574.9
45°	362.4	394.2	426.8	464.4	499.0	537.0	572.2	603.7	641.2	674.3	700.8
42.5°	408.7	451.0	493.9	541.2	587.1	635.4	686.7	732.2	781.9	829.2	867.5
40°	466.0	516.6	574.0	631.3	697.3	759.3	833.9	901.8	963.4	1019.9	1066.2
37.5°	529.7	594.9	667.0	741.7	832.0	920.4	1007.8	1090.3	1163.2	1225.0	1276.9
35°	602.1	684.8	772.3	881.3	987.0	1093.0	1191.7	1281.9	1361.1	1430.8	1490.2
32.5°	685.3	784.6	907.0	1029.5	1150.1	1266.8	1375.1	1473.5	1560.4	1638.7	1706.9
30°	772.8	908.3	1045.7	1180.0	1311.8	1439.6	1558.5	1666.8	1765.0	1852.2	1930.8
27.5°	884.0	1034.2	1184.0	1328.8	1473.8	1613.6	1742.5	1862.8	1975.5	2074.0	2163.9
25°	991.5	1157.4	1316.7	1474.6	1632.4	1782.5	1926.6	2062.6	2191.6	2304.7	2405.0
22.5°	1099.1	1272.7	1442.9	1612.7	1782.2	1949.6	2111.4	2267.1	2411.4	2540.2	2653.1
20°	1198.6	1380.2	1562.2	1745.3	1929.0	2112.2	2293.9	2469.1	2629.9	2778.6	2909.3
17.5°	1287.9	1481.0	1674.0	1869.8	2068.9	2267.8	2469.7	2666.1	2849.9	3019.1	3170.7
15°	1367.0	1568.5	1775.7	1987.0	2200.8	2416.8	2637.2	2856.9	3063.8	3256.0	3425.3
12.5°	1436.1	1645.6	1862.8	2087.3	2319.4	2554.7	2795.1	3036.0	3265.1	3487.0	3669.7
10°	1493.2	1711.2	1938.2	2174.1	2418.8	2672.1	2930.1	3189.4	3441.7	3677.1	3886.1
7.5°	1537.3	1763.4	1997.4	2242.7	2499.4	2766.5	3039.8	3315.0	3584.2	3837.9	4069.1
5°	1568.4	1801.4	2038.3	2293.5	2559.2	2835.9	3119.9	3406.8	3688.2	3954.9	4194.6
2.5°	1586.4	1824.3	2062.1	2324.3	2594.7	2877.9	3169.7	3461.2	3750.1	4026.7	4273.0
0°	1591.1	1831.1	2075.8	2327.6	2605.8	2897.6	3178.9	3471.3	3771.5	4044.3	4289.7
-2.5°	1586.4	1824.3	2062.1	2324.3	2594.7	2877.9	3169.7	3461.2	3750.1	4026.7	4273.0
-5°	1568.4	1801.4	2038.3	2293.5	2559.2	2835.9	3119.9	3406.8	3688.2	3954.9	4194.6
-7.5°	1537.3	1763.4	1997.4	2242.7	2499.4	2766.5	3039.8	3315.0	3584.2	3837.9	4069.1
-10°	1493.2	1711.2	1938.2	2174.1	2418.8	2672.1	2930.1	3189.4	3441.7	3677.1	3886.1
-12.5°	1436.1	1645.6	1862.8	2087.3	2319.4	2554.7	2795.1	3036.0	3265.1	3487.0	3669.7
-15°	1367.0	1568.5	1775.7	1987.0	2200.8	2416.8	2637.2	2856.9	3063.8	3256.0	3425.3
-17.5°	1287.9	1481.0	1674.0	1869.8	2068.9	2267.8	2469.7	2666.1	2849.9	3019.1	3170.7
-20°	1198.6	1380.2	1562.2	1745.3	1929.0	2112.2	2293.9	2469.1	2629.9	2778.6	2909.3

Classified

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

Scaled Data Report



REPORT NUMBER: P626643 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA1B-750-U-WR-XX

CANDELA DISTRIBUTION (continued):

	-35°	-32.5°	-30°	-27.5°	-25°	-22.5°	-20°	-17.5°	-15°	-12.5°	-10°
-22.5°	1099.1	1272.7	1442.9	1612.7	1782.2	1949.6	2111.4	2267.1	2411.4	2540.2	2653.1
-25°	991.5	1157.4	1316.7	1474.6	1632.4	1782.5	1926.6	2062.6	2191.6	2304.7	2405.0
-27.5°	884.0	1034.2	1184.0	1328.8	1473.8	1613.6	1742.5	1862.8	1975.5	2074.0	2163.9
-30°	772.8	908.3	1045.7	1180.0	1311.8	1439.6	1558.5	1666.8	1765.0	1852.2	1930.8
-32.5°	685.3	784.6	907.0	1029.5	1150.1	1266.8	1375.1	1473.5	1560.4	1638.7	1706.9
-35°	602.1	684.8	772.3	881.3	987.0	1093.0	1191.7	1281.9	1361.1	1430.8	1490.2
-37.5°	529.7	594.9	667.0	741.7	832.0	920.4	1007.8	1090.3	1163.2	1225.0	1276.9
-40°	466.0	516.6	574.0	631.3	697.3	759.3	833.9	901.8	963.4	1019.9	1066.2
-42.5°	408.7	451.0	493.9	541.2	587.1	635.4	686.7	732.2	781.9	829.2	867.5
-45°	362.4	394.2	426.8	464.4	499.0	537.0	572.2	603.7	641.2	674.3	700.8
-47.5°	320.7	345.6	372.6	399.4	426.6	456.2	482.6	507.2	533.6	556.5	574.9
-50°	283.2	303.4	325.2	345.4	367.4	389.0	408.9	428.2	447.2	463.5	476.7
-52.5°	250.2	267.5	284.0	300.3	317.7	333.3	347.4	363.4	377.7	389.4	398.6
-55°	222.6	235.8	248.3	262.2	275.6	287.9	299.1	310.7	321.1	330.3	337.6
-57.5°	197.0	207.8	218.3	229.2	239.5	249.1	258.4	267.1	274.6	280.9	286.0
-60°	173.4	182.3	191.5	200.1	208.1	215.5	223.0	229.7	235.6	240.5	244.2
-62.5°	151.3	159.4	166.2	172.9	179.9	186.6	190.9	195.1	199.3	203.2	206.5
-65°	128.3	135.0	140.9	146.0	150.2	155.1	159.4	162.7	165.1	166.8	168.3
-67.5°	108.8	113.2	117.6	121.3	125.2	128.9	132.1	134.8	137.0	138.4	139.2
-70°	91.4	95.2	98.9	102.3	105.6	108.2	110.2	111.9	113.4	113.7	113.6
-72.5°	75.7	79.3	82.8	86.1	89.1	91.0	92.3	93.3	94.1	91.6	87.9
-75°	61.5	64.9	68.1	71.1	73.9	75.3	76.2	76.9	77.4	73.0	67.1
-77.5°	49.0	51.9	54.2	56.5	58.7	59.5	59.9	60.2	60.4	55.9	50.5
-80°	35.2	37.4	39.3	41.0	42.7	43.1	43.1	42.8	42.4	38.8	34.7
-82.5°	22.4	23.4	24.3	25.2	26.1	26.8	27.2	27.6	27.8	25.2	22.2
-85°	11.0	11.3	11.4	11.4	11.4	11.8	12.1	12.4	12.7	11.5	10.2
-87.5°	2.5	2.4	2.3	2.3	2.2	2.1	2.1	2.0	1.9	1.8	1.7
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



REPORT NUMBER: P626643 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA1B-750-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	1.4	1.2	1.0	1.2	1.4	1.5	1.7	1.8	1.9	2.0
85°	8.8	7.4	7.2	7.1	7.2	7.4	8.8	10.2	11.5	12.7	12.4
82.5°	19.1	15.9	15.4	14.9	15.4	15.9	19.1	22.2	25.2	27.8	27.6
80°	30.5	26.1	25.2	24.4	25.2	26.1	30.5	34.7	38.8	42.4	42.8
77.5°	44.7	38.7	36.9	35.2	36.9	38.7	44.7	50.5	55.9	60.4	60.2
75°	60.9	54.6	52.4	50.4	52.4	54.6	60.9	67.1	73.0	77.4	76.9
72.5°	84.2	80.3	76.4	72.1	76.4	80.3	84.2	87.9	91.6	94.1	93.3
70°	113.5	113.2	112.2	110.7	112.2	113.2	113.5	113.6	113.7	113.4	111.9
67.5°	139.5	139.4	139.7	139.8	139.7	139.4	139.5	139.2	138.4	137.0	134.8
65°	169.3	169.6	170.3	170.6	170.3	169.6	169.3	168.3	166.8	165.1	162.7
62.5°	209.1	210.8	211.6	211.5	211.6	210.8	209.1	206.5	203.2	199.3	195.1
60°	246.9	248.7	249.8	250.1	249.8	248.7	246.9	244.2	240.5	235.6	229.7
57.5°	290.1	293.0	294.6	294.8	294.6	293.0	290.1	286.0	280.9	274.6	267.1
55°	343.2	347.1	348.8	348.6	348.8	347.1	343.2	337.6	330.3	321.1	310.7
52.5°	405.5	410.3	413.8	416.0	413.8	410.3	405.5	398.6	389.4	377.7	363.4
50°	486.7	493.5	497.8	499.6	497.8	493.5	486.7	476.7	463.5	447.2	428.2
47.5°	588.2	597.2	603.9	608.6	603.9	597.2	588.2	574.9	556.5	533.6	507.2
45°	720.5	734.2	743.5	749.0	743.5	734.2	720.5	700.8	674.3	641.2	603.7
42.5°	897.4	918.8	931.9	936.9	931.9	918.8	897.4	867.5	829.2	781.9	732.2
40°	1102.8	1128.4	1145.3	1156.9	1145.3	1128.4	1102.8	1066.2	1019.9	963.4	901.8
37.5°	1316.7	1343.6	1360.0	1371.1	1360.0	1343.6	1316.7	1276.9	1225.0	1163.2	1090.3
35°	1534.9	1563.1	1578.4	1587.1	1578.4	1563.1	1534.9	1490.2	1430.8	1361.1	1281.9
32.5°	1758.9	1790.0	1806.7	1824.0	1806.7	1790.0	1758.9	1706.9	1638.7	1560.4	1473.5
30°	1992.9	2028.6	2046.1	2054.5	2046.1	2028.6	1992.9	1930.8	1852.2	1765.0	1666.8
27.5°	2236.4	2280.8	2302.7	2317.1	2302.7	2280.8	2236.4	2163.9	2074.0	1975.5	1862.8
25°	2489.8	2544.8	2569.9	2592.3	2569.9	2544.8	2489.8	2405.0	2304.7	2191.6	2062.6
22.5°	2752.6	2821.2	2850.2	2866.1	2850.2	2821.2	2752.6	2653.1	2540.2	2411.4	2267.1
20°	3022.3	3104.3	3144.6	3165.3	3144.6	3104.3	3022.3	2909.3	2778.6	2629.9	2469.1
17.5°	3298.1	3400.0	3452.2	3464.2	3452.2	3400.0	3298.1	3170.7	3019.1	2849.9	2666.1
15°	3568.9	3679.1	3740.8	3763.4	3740.8	3679.1	3568.9	3425.3	3256.0	3063.8	2856.9
12.5°	3825.2	3939.5	4013.2	4026.4	4013.2	3939.5	3825.2	3669.7	3487.0	3265.1	3036.0
10°	4057.8	4176.2	4257.6	4276.2	4257.6	4176.2	4057.8	3886.1	3677.1	3441.7	3189.4
7.5°	4252.3	4382.1	4472.0	4487.7	4472.0	4382.1	4252.3	4069.1	3837.9	3584.2	3315.0
5°	4394.4	4548.7	4622.5	4641.0	4622.5	4548.7	4394.4	4194.6	3954.9	3688.2	3406.8
2.5°	4472.5	4629.5	4732.1	4720.2	4732.1	4629.5	4472.5	4273.0	4026.7	3750.1	3461.2
0°	4481.3	4645.4	4743.6	4788.9	4743.6	4645.4	4481.3	4289.7	4044.3	3771.5	3471.3
-2.5°	4472.5	4629.5	4732.1	4720.2	4732.1	4629.5	4472.5	4273.0	4026.7	3750.1	3461.2
-5°	4394.4	4548.7	4622.5	4641.0	4622.5	4548.7	4394.4	4194.6	3954.9	3688.2	3406.8
-7.5°	4252.3	4382.1	4472.0	4487.7	4472.0	4382.1	4252.3	4069.1	3837.9	3584.2	3315.0
-10°	4057.8	4176.2	4257.6	4276.2	4257.6	4176.2	4057.8	3886.1	3677.1	3441.7	3189.4
-12.5°	3825.2	3939.5	4013.2	4026.4	4013.2	3939.5	3825.2	3669.7	3487.0	3265.1	3036.0
-15°	3568.9	3679.1	3740.8	3763.4	3740.8	3679.1	3568.9	3425.3	3256.0	3063.8	2856.9
-17.5°	3298.1	3400.0	3452.2	3464.2	3452.2	3400.0	3298.1	3170.7	3019.1	2849.9	2666.1
-20°	3022.3	3104.3	3144.6	3165.3	3144.6	3104.3	3022.3	2909.3	2778.6	2629.9	2469.1



REPORT NUMBER: P626643 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA1B-750-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°	2752.6	2821.2	2850.2	2866.1	2850.2	2821.2	2752.6	2653.1	2540.2	2411.4	2267.1
-25°	2489.8	2544.8	2569.9	2592.3	2569.9	2544.8	2489.8	2405.0	2304.7	2191.6	2062.6
-27.5°	2236.4	2280.8	2302.7	2317.1	2302.7	2280.8	2236.4	2163.9	2074.0	1975.5	1862.8
-30°	1992.9	2028.6	2046.1	2054.5	2046.1	2028.6	1992.9	1930.8	1852.2	1765.0	1666.8
-32.5°	1758.9	1790.0	1806.7	1824.0	1806.7	1790.0	1758.9	1706.9	1638.7	1560.4	1473.5
-35°	1534.9	1563.1	1578.4	1587.1	1578.4	1563.1	1534.9	1490.2	1430.8	1361.1	1281.9
-37.5°	1316.7	1343.6	1360.0	1371.1	1360.0	1343.6	1316.7	1276.9	1225.0	1163.2	1090.3
-40°	1102.8	1128.4	1145.3	1156.9	1145.3	1128.4	1102.8	1066.2	1019.9	963.4	901.8
-42.5°	897.4	918.8	931.9	936.9	931.9	918.8	897.4	867.5	829.2	781.9	732.2
-45°	720.5	734.2	743.5	749.0	743.5	734.2	720.5	700.8	674.3	641.2	603.7
-47.5°	588.2	597.2	603.9	608.6	603.9	597.2	588.2	574.9	556.5	533.6	507.2
-50°	486.7	493.5	497.8	499.6	497.8	493.5	486.7	476.7	463.5	447.2	428.2
-52.5°	405.5	410.3	413.8	416.0	413.8	410.3	405.5	398.6	389.4	377.7	363.4
-55°	343.2	347.1	348.8	348.6	348.8	347.1	343.2	337.6	330.3	321.1	310.7
-57.5°	290.1	293.0	294.6	294.8	294.6	293.0	290.1	286.0	280.9	274.6	267.1
-60°	246.9	248.7	249.8	250.1	249.8	248.7	246.9	244.2	240.5	235.6	229.7
-62.5°	209.1	210.8	211.6	211.5	211.6	210.8	209.1	206.5	203.2	199.3	195.1
-65°	169.3	169.6	170.3	170.6	170.3	169.6	169.3	168.3	166.8	165.1	162.7
-67.5°	139.5	139.4	139.7	139.8	139.7	139.4	139.5	139.2	138.4	137.0	134.8
-70°	113.5	113.2	112.2	110.7	112.2	113.2	113.5	113.6	113.7	113.4	111.9
-72.5°	84.2	80.3	76.4	72.1	76.4	80.3	84.2	87.9	91.6	94.1	93.3
-75°	60.9	54.6	52.4	50.4	52.4	54.6	60.9	67.1	73.0	77.4	76.9
-77.5°	44.7	38.7	36.9	35.2	36.9	38.7	44.7	50.5	55.9	60.4	60.2
-80°	30.5	26.1	25.2	24.4	25.2	26.1	30.5	34.7	38.8	42.4	42.8
-82.5°	19.1	15.9	15.4	14.9	15.4	15.9	19.1	22.2	25.2	27.8	27.6
-85°	8.8	7.4	7.2	7.1	7.2	7.4	8.8	10.2	11.5	12.7	12.4
-87.5°	1.5	1.4	1.2	1.0	1.2	1.4	1.5	1.7	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: P626643 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA1B-750-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°	2.1	2.1	2.2	2.3	2.3	2.4	2.5	2.4	2.3	2.2	2.1
85°	12.1	11.8	11.4	11.4	11.4	11.3	11.0	9.9	8.8	7.7	6.8
82.5°	27.2	26.8	26.1	25.2	24.3	23.4	22.4	20.0	17.7	15.5	13.7
80°	43.1	43.1	42.7	41.0	39.3	37.4	35.2	31.5	27.8	24.5	22.1
77.5°	59.9	59.5	58.7	56.5	54.2	51.9	49.0	44.1	39.3	34.6	31.5
75°	76.2	75.3	73.9	71.1	68.1	64.9	61.5	57.2	52.4	46.9	43.0
72.5°	92.3	91.0	89.1	86.1	82.8	79.3	75.7	71.6	66.8	61.5	57.4
70°	110.2	108.2	105.6	102.3	98.9	95.2	91.4	87.1	82.2	76.9	72.6
67.5°	132.1	128.9	125.2	121.3	117.6	113.2	108.8	104.0	99.0	93.3	88.0
65°	159.4	155.1	150.2	146.0	140.9	135.0	128.3	122.4	116.7	110.3	103.3
62.5°	190.9	186.6	179.9	172.9	166.2	159.4	151.3	143.1	135.2	127.3	119.1
60°	223.0	215.5	208.1	200.1	191.5	182.3	173.4	164.1	154.3	144.7	134.9
57.5°	258.4	249.1	239.5	229.2	218.3	207.8	197.0	185.4	174.3	162.7	151.0
55°	299.1	287.9	275.6	262.2	248.3	235.8	222.6	209.3	195.8	181.2	168.3
52.5°	347.4	333.3	317.7	300.3	284.0	267.5	250.2	235.1	218.6	202.4	186.3
50°	408.9	389.0	367.4	345.4	325.2	303.4	283.2	263.3	243.4	224.6	205.9
47.5°	482.6	456.2	426.6	399.4	372.6	345.6	320.7	294.4	271.6	247.9	227.1
45°	572.2	537.0	499.0	464.4	426.8	394.2	362.4	332.2	302.2	275.5	248.9
42.5°	686.7	635.4	587.1	541.2	493.9	451.0	408.7	372.9	337.7	304.6	274.6
40°	833.9	759.3	697.3	631.3	574.0	516.6	466.0	416.4	376.4	337.2	300.6
37.5°	1007.8	920.4	832.0	741.7	667.0	594.9	529.7	471.3	416.9	372.4	330.1
35°	1191.7	1093.0	987.0	881.3	772.3	684.8	602.1	530.1	466.6	409.2	360.5
32.5°	1375.1	1266.8	1150.1	1029.5	907.0	784.6	685.3	596.1	516.7	451.3	393.7
30°	1558.5	1439.6	1311.8	1180.0	1045.7	908.3	772.8	668.7	575.4	493.4	427.1
27.5°	1742.5	1613.6	1473.8	1328.8	1184.0	1034.2	884.0	743.5	634.5	541.8	463.8
25°	1926.6	1782.5	1632.4	1474.6	1316.7	1157.4	991.5	834.9	700.8	590.3	497.6
22.5°	2111.4	1949.6	1782.2	1612.7	1442.9	1272.7	1099.1	924.4	763.7	639.6	537.1
20°	2293.9	2112.2	1929.0	1745.3	1562.2	1380.2	1198.6	1012.2	837.5	690.7	574.0
17.5°	2469.7	2267.8	2068.9	1869.8	1674.0	1481.0	1287.9	1093.2	903.5	736.2	606.6
15°	2637.2	2416.8	2200.8	1987.0	1775.7	1568.5	1367.0	1164.4	963.5	783.6	642.3
12.5°	2795.1	2554.7	2319.4	2087.3	1862.8	1645.6	1436.1	1226.8	1020.0	829.8	674.2
10°	2930.1	2672.1	2418.8	2174.1	1938.2	1711.2	1493.2	1279.7	1068.4	868.2	700.2
7.5°	3039.8	2766.5	2499.4	2242.7	1997.4	1763.4	1537.3	1320.2	1106.7	898.2	720.4
5°	3119.9	2835.9	2559.2	2293.5	2038.3	1801.4	1568.4	1347.9	1134.5	919.6	734.4
2.5°	3169.7	2877.9	2594.7	2324.3	2062.1	1824.3	1586.4	1364.7	1150.4	931.3	743.3
0°	3178.9	2897.6	2605.8	2327.6	2075.8	1831.1	1591.1	1370.8	1154.5	933.8	746.0
-2.5°	3169.7	2877.9	2594.7	2324.3	2062.1	1824.3	1586.4	1364.7	1150.4	931.3	743.3
-5°	3119.9	2835.9	2559.2	2293.5	2038.3	1801.4	1568.4	1347.9	1134.5	919.6	734.4
-7.5°	3039.8	2766.5	2499.4	2242.7	1997.4	1763.4	1537.3	1320.2	1106.7	898.2	720.4
-10°	2930.1	2672.1	2418.8	2174.1	1938.2	1711.2	1493.2	1279.7	1068.4	868.2	700.2
-12.5°	2795.1	2554.7	2319.4	2087.3	1862.8	1645.6	1436.1	1226.8	1020.0	829.8	674.2
-15°	2637.2	2416.8	2200.8	1987.0	1775.7	1568.5	1367.0	1164.4	963.5	783.6	642.3
-17.5°	2469.7	2267.8	2068.9	1869.8	1674.0	1481.0	1287.9	1093.2	903.5	736.2	606.6
-20°	2293.9	2112.2	1929.0	1745.3	1562.2	1380.2	1198.6	1012.2	837.5	690.7	574.0



REPORT NUMBER: P626643 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA1B-750-U-WR-XX

CANDELA DISTRIBUTION (continued):

	20°	22.5°	25°	27.5°	30°	32.5°	35°	37.5°	40°	42.5°	45°
-22.5°	2111.4	1949.6	1782.2	1612.7	1442.9	1272.7	1099.1	924.4	763.7	639.6	537.1
-25°	1926.6	1782.5	1632.4	1474.6	1316.7	1157.4	991.5	834.9	700.8	590.3	497.6
-27.5°	1742.5	1613.6	1473.8	1328.8	1184.0	1034.2	884.0	743.5	634.5	541.8	463.8
-30°	1558.5	1439.6	1311.8	1180.0	1045.7	908.3	772.8	668.7	575.4	493.4	427.1
-32.5°	1375.1	1266.8	1150.1	1029.5	907.0	784.6	685.3	596.1	516.7	451.3	393.7
-35°	1191.7	1093.0	987.0	881.3	772.3	684.8	602.1	530.1	466.6	409.2	360.5
-37.5°	1007.8	920.4	832.0	741.7	667.0	594.9	529.7	471.3	416.9	372.4	330.1
-40°	833.9	759.3	697.3	631.3	574.0	516.6	466.0	416.4	376.4	337.2	300.6
-42.5°	686.7	635.4	587.1	541.2	493.9	451.0	408.7	372.9	337.7	304.6	274.6
-45°	572.2	537.0	499.0	464.4	426.8	394.2	362.4	332.2	302.2	275.5	248.9
-47.5°	482.6	456.2	426.6	399.4	372.6	345.6	320.7	294.4	271.6	247.9	227.1
-50°	408.9	389.0	367.4	345.4	325.2	303.4	283.2	263.3	243.4	224.6	205.9
-52.5°	347.4	333.3	317.7	300.3	284.0	267.5	250.2	235.1	218.6	202.4	186.3
-55°	299.1	287.9	275.6	262.2	248.3	235.8	222.6	209.3	195.8	181.2	168.3
-57.5°	258.4	249.1	239.5	229.2	218.3	207.8	197.0	185.4	174.3	162.7	151.0
-60°	223.0	215.5	208.1	200.1	191.5	182.3	173.4	164.1	154.3	144.7	134.9
-62.5°	190.9	186.6	179.9	172.9	166.2	159.4	151.3	143.1	135.2	127.3	119.1
-65°	159.4	155.1	150.2	146.0	140.9	135.0	128.3	122.4	116.7	110.3	103.3
-67.5°	132.1	128.9	125.2	121.3	117.6	113.2	108.8	104.0	99.0	93.3	88.0
-70°	110.2	108.2	105.6	102.3	98.9	95.2	91.4	87.1	82.2	76.9	72.6
-72.5°	92.3	91.0	89.1	86.1	82.8	79.3	75.7	71.6	66.8	61.5	57.4
-75°	76.2	75.3	73.9	71.1	68.1	64.9	61.5	57.2	52.4	46.9	43.0
-77.5°	59.9	59.5	58.7	56.5	54.2	51.9	49.0	44.1	39.3	34.6	31.5
-80°	43.1	43.1	42.7	41.0	39.3	37.4	35.2	31.5	27.8	24.5	22.1
-82.5°	27.2	26.8	26.1	25.2	24.3	23.4	22.4	20.0	17.7	15.5	13.7
-85°	12.1	11.8	11.4	11.4	11.4	11.3	11.0	9.9	8.8	7.7	6.8
-87.5°	2.1	2.1	2.2	2.3	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: P626643 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA1B-750-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	2.8	2.9	3.0	3.1	3.0	3.0	2.9	2.7	2.5
85°	7.2	7.3	7.3	7.1	6.6	6.1	6.1	6.0	5.8	5.4	5.0
82.5°	14.3	14.7	14.9	14.8	13.9	13.0	11.9	10.8	9.7	8.3	7.6
80°	22.9	23.4	23.6	23.2	21.5	19.8	18.3	16.7	15.2	13.4	11.5
77.5°	32.2	32.6	32.7	32.1	30.0	27.8	25.4	22.8	20.7	18.5	16.1
75°	42.2	42.4	42.3	41.2	38.7	35.8	32.8	29.7	26.5	23.6	20.7
72.5°	55.3	53.5	52.2	50.4	47.6	44.4	40.6	36.4	32.4	28.7	25.2
70°	68.9	65.1	62.2	59.6	56.4	53.0	48.9	43.6	38.2	33.7	29.4
67.5°	83.1	78.4	73.8	68.9	65.1	61.2	57.0	50.7	44.2	38.6	33.6
65°	97.0	91.2	85.9	79.5	74.0	69.2	64.5	57.3	50.0	43.4	37.6
62.5°	110.9	103.2	96.6	89.7	82.9	77.1	71.7	63.6	55.6	48.1	41.5
60°	125.3	116.3	107.2	99.2	91.6	84.5	77.8	69.6	60.9	52.5	45.2
57.5°	140.1	129.3	119.0	109.0	100.2	91.9	83.7	75.1	66.1	57.0	48.5
55°	155.1	142.9	130.7	119.4	108.9	99.5	89.8	80.5	71.0	61.4	51.1
52.5°	171.2	156.8	143.1	129.9	117.9	106.9	96.3	85.7	75.8	65.5	54.0
50°	188.2	171.6	156.0	141.2	126.8	114.6	102.7	91.4	80.4	69.6	56.6
47.5°	206.2	187.3	169.5	152.5	137.0	122.0	109.3	97.0	84.9	73.6	59.1
45°	225.9	203.5	183.4	164.8	146.7	130.5	115.8	102.4	89.8	76.5	61.2
42.5°	245.7	220.9	197.9	176.6	157.3	139.0	122.1	108.0	94.5	79.1	63.4
40°	268.5	238.7	212.4	189.4	167.7	147.1	129.3	113.4	98.8	81.8	65.5
37.5°	290.8	257.9	228.2	201.5	178.0	156.3	136.3	118.6	102.2	84.6	67.4
35°	317.0	277.7	243.3	214.4	188.7	165.0	142.9	123.9	106.0	87.3	69.1
32.5°	342.5	297.8	260.3	227.5	198.7	173.3	149.9	129.3	109.9	89.9	70.6
30°	370.6	319.8	276.3	239.9	208.7	181.8	156.9	134.4	113.7	92.4	72.0
27.5°	397.5	340.0	291.8	253.0	219.2	189.8	163.4	139.1	117.6	95.0	73.8
25°	424.1	361.8	309.0	265.4	228.9	197.0	169.4	143.6	121.5	97.8	75.4
22.5°	453.1	383.0	324.5	276.6	237.7	203.6	175.1	148.4	125.0	100.6	76.8
20°	479.7	402.1	338.3	287.3	246.3	210.8	180.4	152.8	128.1	103.2	78.0
17.5°	504.8	421.4	353.7	298.9	254.5	217.1	185.1	156.6	130.9	105.5	78.9
15°	531.2	440.7	367.6	308.9	261.6	222.5	189.1	159.9	133.3	107.7	79.9
12.5°	553.7	457.0	379.3	317.3	267.6	227.1	192.5	162.6	135.2	109.5	80.7
10°	572.2	470.3	388.7	324.2	272.4	230.7	195.1	164.8	136.9	110.9	81.1
7.5°	586.6	480.4	395.8	329.3	276.1	233.6	197.4	166.5	138.2	111.9	81.2
5°	596.7	487.4	401.0	332.9	278.9	235.6	198.9	167.7	139.0	112.4	81.0
2.5°	602.0	491.4	404.2	334.9	280.5	236.7	199.8	168.2	139.4	112.4	80.4
0°	602.8	492.1	405.1	335.1	280.9	236.9	200.0	168.2	139.4	112.0	79.5
-2.5°	602.0	491.4	404.2	334.9	280.5	236.7	199.8	168.2	139.4	112.4	80.4
-5°	596.7	487.4	401.0	332.9	278.9	235.6	198.9	167.7	139.0	112.4	81.0
-7.5°	586.6	480.4	395.8	329.3	276.1	233.6	197.4	166.5	138.2	111.9	81.2
-10°	572.2	470.3	388.7	324.2	272.4	230.7	195.1	164.8	136.9	110.9	81.1
-12.5°	553.7	457.0	379.3	317.3	267.6	227.1	192.5	162.6	135.2	109.5	80.7
-15°	531.2	440.7	367.6	308.9	261.6	222.5	189.1	159.9	133.3	107.7	79.9
-17.5°	504.8	421.4	353.7	298.9	254.5	217.1	185.1	156.6	130.9	105.5	78.9
-20°	479.7	402.1	338.3	287.3	246.3	210.8	180.4	152.8	128.1	103.2	78.0

Classified

Cooper Lighting Solutions Photometric Lab
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Scaled Data Report



REPORT NUMBER: P626643 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA1B-750-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°	453.1	383.0	324.5	276.6	237.7	203.6	175.1	148.4	125.0	100.6	76.8
-25°	424.1	361.8	309.0	265.4	228.9	197.0	169.4	143.6	121.5	97.8	75.4
-27.5°	397.5	340.0	291.8	253.0	219.2	189.8	163.4	139.1	117.6	95.0	73.8
-30°	370.6	319.8	276.3	239.9	208.7	181.8	156.9	134.4	113.7	92.4	72.0
-32.5°	342.5	297.8	260.3	227.5	198.7	173.3	149.9	129.3	109.9	89.9	70.6
-35°	317.0	277.7	243.3	214.4	188.7	165.0	142.9	123.9	106.0	87.3	69.1
-37.5°	290.8	257.9	228.2	201.5	178.0	156.3	136.3	118.6	102.2	84.6	67.4
-40°	268.5	238.7	212.4	189.4	167.7	147.1	129.3	113.4	98.8	81.8	65.5
-42.5°	245.7	220.9	197.9	176.6	157.3	139.0	122.1	108.0	94.5	79.1	63.4
-45°	225.9	203.5	183.4	164.8	146.7	130.5	115.8	102.4	89.8	76.5	61.2
-47.5°	206.2	187.3	169.5	152.5	137.0	122.0	109.3	97.0	84.9	73.6	59.1
-50°	188.2	171.6	156.0	141.2	126.8	114.6	102.7	91.4	80.4	69.6	56.6
-52.5°	171.2	156.8	143.1	129.9	117.9	106.9	96.3	85.7	75.8	65.5	54.0
-55°	155.1	142.9	130.7	119.4	108.9	99.5	89.8	80.5	71.0	61.4	51.1
-57.5°	140.1	129.3	119.0	109.0	100.2	91.9	83.7	75.1	66.1	57.0	48.5
-60°	125.3	116.3	107.2	99.2	91.6	84.5	77.8	69.6	60.9	52.5	45.2
-62.5°	110.9	103.2	96.6	89.7	82.9	77.1	71.7	63.6	55.6	48.1	41.5
-65°	97.0	91.2	85.9	79.5	74.0	69.2	64.5	57.3	50.0	43.4	37.6
-67.5°	83.1	78.4	73.8	68.9	65.1	61.2	57.0	50.7	44.2	38.6	33.6
-70°	68.9	65.1	62.2	59.6	56.4	53.0	48.9	43.6	38.2	33.7	29.4
-72.5°	55.3	53.5	52.2	50.4	47.6	44.4	40.6	36.4	32.4	28.7	25.2
-75°	42.2	42.4	42.3	41.2	38.7	35.8	32.8	29.7	26.5	23.6	20.7
-77.5°	32.2	32.6	32.7	32.1	30.0	27.8	25.4	22.8	20.7	18.5	16.1
-80°	22.9	23.4	23.6	23.2	21.5	19.8	18.3	16.7	15.2	13.4	11.5
-82.5°	14.3	14.7	14.9	14.8	13.9	13.0	11.9	10.8	9.7	8.3	7.6
-85°	7.2	7.3	7.3	7.1	6.6	6.1	6.1	6.0	5.8	5.4	5.0
-87.5°	2.4	2.6	2.8	2.9	3.0	3.1	3.0	3.0	2.9	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-750-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°	2.3	1.8	1.3	0.9	0.6	0.2	0.0
85°	4.5	3.5	2.6	1.8	1.1	0.5	0.0
82.5°	6.8	5.3	3.9	2.7	1.7	0.7	0.0
80°	9.2	7.0	5.2	3.6	2.2	1.0	0.0
77.5°	13.2	9.1	6.5	4.5	2.7	1.2	0.0
75°	17.0	12.0	7.9	5.4	3.3	1.4	0.0
72.5°	20.7	14.7	9.8	6.2	3.8	1.7	0.0
70°	24.2	17.3	11.6	7.1	4.3	1.9	0.0
67.5°	27.3	19.8	13.3	8.2	4.8	2.1	0.0
65°	30.2	22.1	15.0	9.3	5.3	2.3	0.0
62.5°	32.9	24.2	16.5	10.3	5.7	2.5	0.0
60°	35.5	26.2	18.0	11.2	6.2	2.7	0.0
57.5°	37.8	28.0	19.3	12.1	6.7	2.9	0.0
55°	40.0	29.7	20.6	12.9	7.2	3.1	0.0
52.5°	41.9	31.2	21.8	13.7	7.7	3.3	0.0
50°	43.7	32.7	22.8	14.4	8.2	3.4	0.0
47.5°	45.4	34.0	23.7	15.0	8.7	3.6	0.0
45°	47.2	35.1	24.6	15.6	9.1	3.7	0.0
42.5°	48.9	36.1	25.3	16.1	9.5	3.9	0.0
40°	50.3	36.9	25.9	16.7	9.9	4.0	0.0
37.5°	51.6	37.6	26.5	17.3	10.2	4.1	0.0
35°	52.6	38.4	27.0	17.9	10.6	4.2	0.0
32.5°	53.5	39.1	27.3	18.4	10.9	4.3	0.0
30°	54.6	39.7	27.6	18.9	11.1	4.4	0.0
27.5°	55.5	40.1	28.2	19.3	11.4	4.5	0.0
25°	56.1	40.3	28.7	19.6	11.6	4.6	0.0
22.5°	56.6	40.6	29.2	19.9	11.8	4.6	0.0
20°	56.9	41.4	29.7	20.2	12.0	4.7	0.0
17.5°	57.5	42.0	30.0	20.3	12.1	4.7	0.0
15°	58.3	42.5	30.3	20.5	12.2	4.8	0.0
12.5°	58.8	42.8	30.5	20.6	12.3	4.8	0.0
10°	59.2	43.0	30.7	20.6	12.3	4.8	0.0
7.5°	59.3	43.1	30.8	20.6	12.3	4.8	0.0
5°	59.3	43.0	30.7	20.6	12.3	4.8	0.0
2.5°	59.0	42.9	30.7	20.5	12.3	4.7	0.0
0°	58.6	42.6	30.5	20.3	12.2	4.7	0.0
-2.5°	59.0	42.9	30.7	20.5	12.3	4.7	0.0
-5°	59.3	43.0	30.7	20.6	12.3	4.8	0.0
-7.5°	59.3	43.1	30.8	20.6	12.3	4.8	0.0
-10°	59.2	43.0	30.7	20.6	12.3	4.8	0.0
-12.5°	58.8	42.8	30.5	20.6	12.3	4.8	0.0
-15°	58.3	42.5	30.3	20.5	12.2	4.8	0.0
-17.5°	57.5	42.0	30.0	20.3	12.1	4.7	0.0
-20°	56.9	41.4	29.7	20.2	12.0	4.7	0.0

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CANDELA DISTRIBUTION (continued):

	75°	77.5°	80°	82.5°	85°	87.5°	90°
-22.5°	56.6	40.6	29.2	19.9	11.8	4.6	0.0
-25°	56.1	40.3	28.7	19.6	11.6	4.6	0.0
-27.5°	55.5	40.1	28.2	19.3	11.4	4.5	0.0
-30°	54.6	39.7	27.6	18.9	11.1	4.4	0.0
-32.5°	53.5	39.1	27.3	18.4	10.9	4.3	0.0
-35°	52.6	38.4	27.0	17.9	10.6	4.2	0.0
-37.5°	51.6	37.6	26.5	17.3	10.2	4.1	0.0
-40°	50.3	36.9	25.9	16.7	9.9	4.0	0.0
-42.5°	48.9	36.1	25.3	16.1	9.5	3.9	0.0
-45°	47.2	35.1	24.6	15.6	9.1	3.7	0.0
-47.5°	45.4	34.0	23.7	15.0	8.7	3.6	0.0
-50°	43.7	32.7	22.8	14.4	8.2	3.4	0.0
-52.5°	41.9	31.2	21.8	13.7	7.7	3.3	0.0
-55°	40.0	29.7	20.6	12.9	7.2	3.1	0.0
-57.5°	37.8	28.0	19.3	12.1	6.7	2.9	0.0
-60°	35.5	26.2	18.0	11.2	6.2	2.7	0.0
-62.5°	32.9	24.2	16.5	10.3	5.7	2.5	0.0
-65°	30.2	22.1	15.0	9.3	5.3	2.3	0.0
-67.5°	27.3	19.8	13.3	8.2	4.8	2.1	0.0
-70°	24.2	17.3	11.6	7.1	4.3	1.9	0.0
-72.5°	20.7	14.7	9.8	6.2	3.8	1.7	0.0
-75°	17.0	12.0	7.9	5.4	3.3	1.4	0.0
-77.5°	13.2	9.1	6.5	4.5	2.7	1.2	0.0
-80°	9.2	7.0	5.2	3.6	2.2	1.0	0.0
-82.5°	6.8	5.3	3.9	2.7	1.7	0.7	0.0
-85°	4.5	3.5	2.6	1.8	1.1	0.5	0.0
-87.5°	2.3	1.8	1.3	0.9	0.6	0.2	0.0
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0

(END OF REPORT)