

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: P626635 (CONVERTED FROM TYPE C PHOTOMETRY)

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

Issue Date: 12/7/2022

Test Information

Test Method: LM-79-08
Report Number: P626635 (CONVERTED FROM TYPE C PHOTOMETRY)
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G2-2210-813-13)
Test Lab: COOPER LIGHTING SOLUTIONS
Issue Date: 12/7/2022
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: MCGRAW-EDISON
Catalog Number: GFLD-SA1B-750-U-MR-XX
Description: GALLEON FLOOD, ONE LIGHT SQAURE, MEDIUM SYMMETRICAL ROUND N30
Light Source: (16) 5000K CCT, 70 CRI LEDS
Ballast/Driver: -

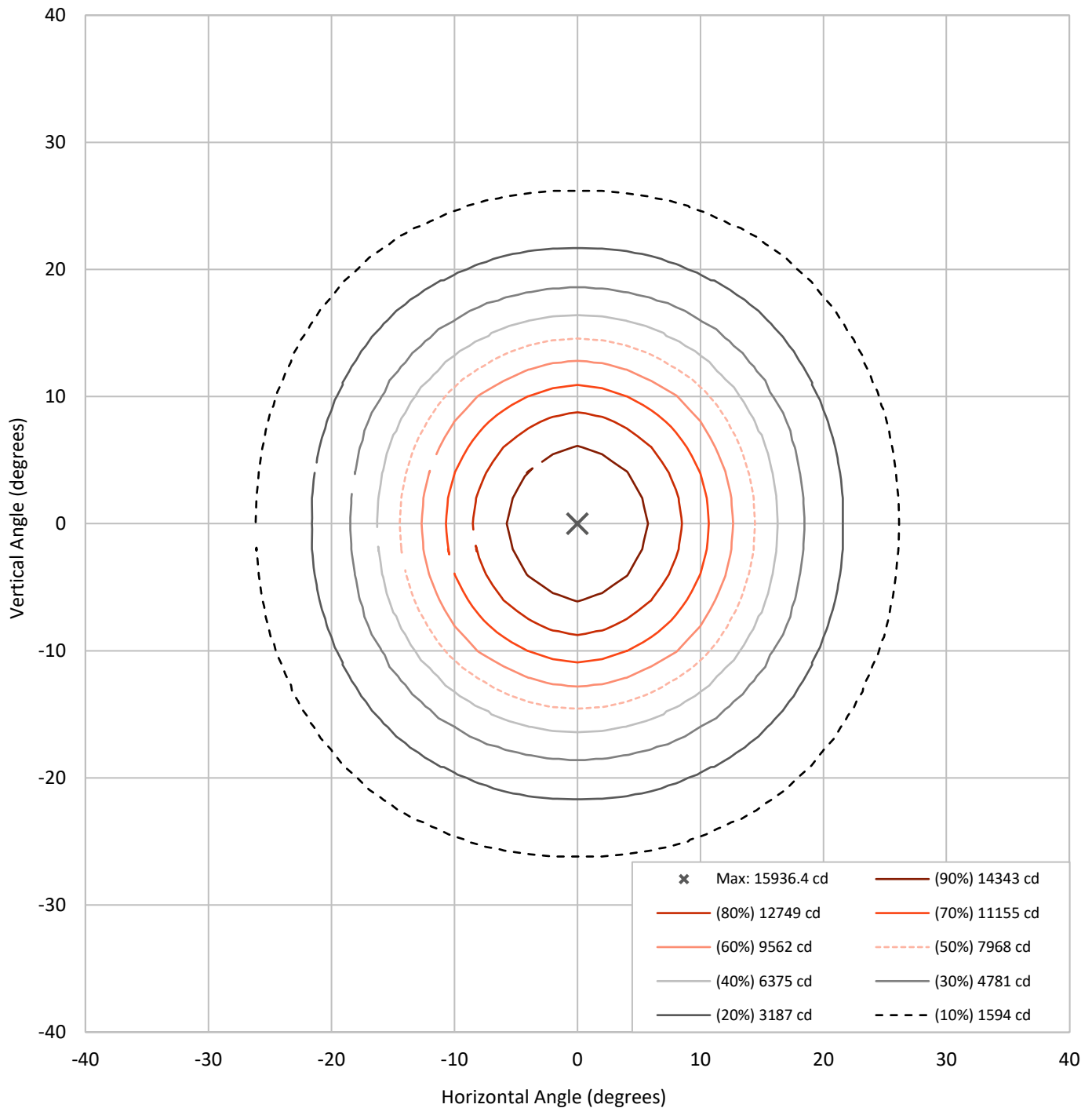
Summary

Lumens per Lamp:	N/A	NEMA Type:	4H x 4V
Luminaire Lumens:	4979.1 lumens	Max Intensity:	15936.4 candela
Efficiency:	N/A	Max Intensity Angle:	0°H x 0°V
Efficacy:	148.6 lumens/watt		
Luminous Opening:	Rectangular (W 0.5' x L: 0.5' x H: 0')		
Beam Angle (50%):	28.8°H x 29°V	Field Angle (10%):	52.3°H x 52.3°V
Beam Lumens:	2420.8 lumens	Field Lumens:	4085.3 lumens
Beam Efficiency:	48.6%	Field Efficiency:	82.0%
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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CATALOG NUMBER: GFLD-SA1B-750-U-MR-XX

Iso-Candela Plot





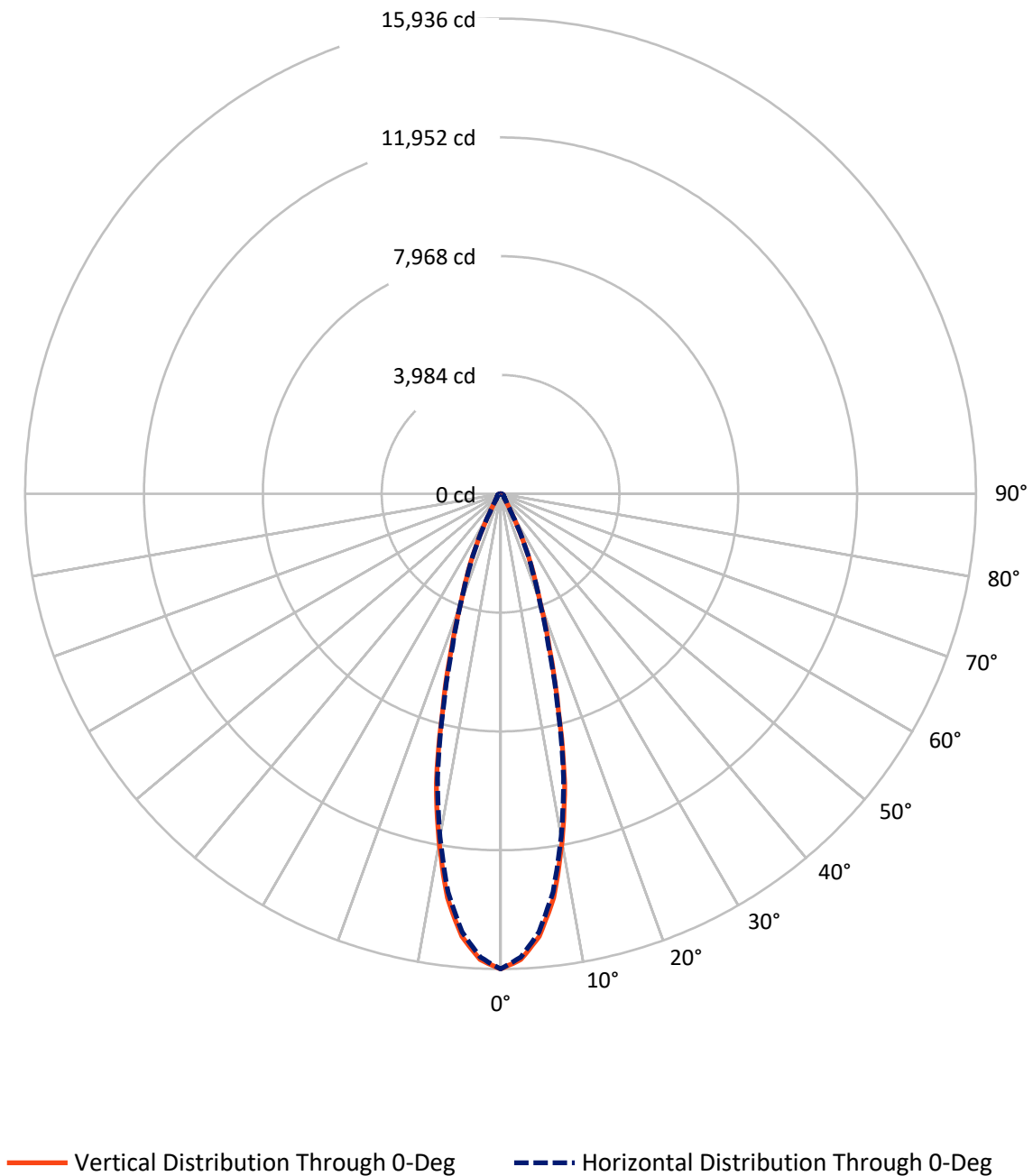
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Lumen Table

90																			
80	0.1	0.8		2.2		3.4		3.8		3.4		2.2		0.8		0.1			
70																			
60	0.4	0.4	0.9	1.4	2.0	2.4	2.7	2.8	2.8	2.7	2.4	2.0	1.4	0.9	0.4	0.4			
50		0.6	1.3	2.1	2.8	3.4	3.8	4.0	4.0	3.8	3.4	2.8	2.1	1.3	0.6				
40	0.7	0.8	1.7	2.6	3.4	4.3	5.1	5.4	5.4	5.1	4.3	3.4	2.6	1.7	0.8	0.7			
30		1.0	1.9	3.0	4.2	6.0	8.6	11.2	11.2	8.6	6.0	4.2	3.0	1.9	1.0				
20	0.8	1.1	2.1	3.3	5.4	11.6	32.8	58.1	58.1	32.8	11.6	5.4	3.3	2.1	1.1	0.8			
10		1.2	2.2	3.6	7.3	30.6	108.9	208.7	208.7	108.9	30.6	7.3	3.6	2.2	1.2				
0	0.9	1.2	2.3	3.8	9.3	52.7	201.6	396.5	396.5	201.6	52.7	9.3	3.8	2.3	1.2	0.9			
-10		1.2	2.3	3.8	9.3	52.7	201.6	396.5	396.5	201.6	52.7	9.3	3.8	2.3	1.2				
-20	0.8	1.2	2.2	3.6	7.3	30.6	108.9	208.7	208.7	108.9	30.6	7.3	3.6	2.2	1.2	0.8			
-30		1.1	2.1	3.3	5.4	11.6	32.8	58.1	58.1	32.8	11.6	5.4	3.3	2.1	1.1				
-40	0.7	1.0	1.9	3.0	4.2	6.0	8.6	11.2	11.2	8.6	6.0	4.2	3.0	1.9	1.0	0.7			
-50		0.8	1.7	2.6	3.4	4.3	5.1	5.4	5.4	5.1	4.3	3.4	2.6	1.7	0.8				
-60	0.4	0.6	1.3	2.1	2.8	3.4	3.8	4.0	4.0	3.8	3.4	2.8	2.1	1.3	0.6	0.4			
-70		0.4	0.9	1.4	2.0	2.4	2.7	2.8	2.8	2.7	2.4	2.0	1.4	0.9	0.4				
-80																			
-90	0.1	0.8		2.2		3.4		3.8		3.4		2.2		0.8		0.1			
	-90	-80	-70	-60	-50	-40	-30	-20	-10	0	10	20	30	40	50	60	70	80	90

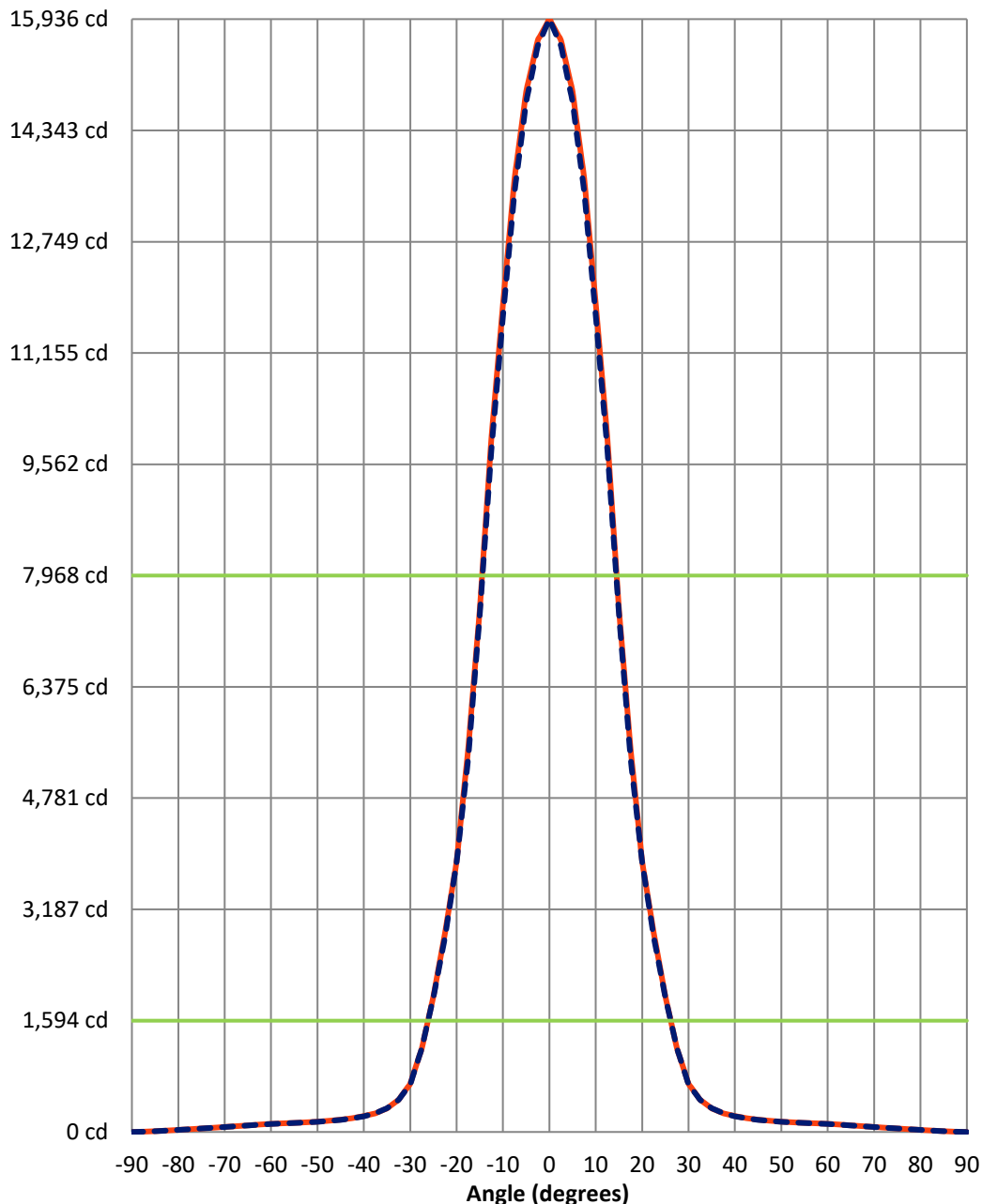
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Luminous Intensity Polar Plot



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Luminous Intensity Plot



Beam:
 H Angle: 28.8°
 V Angle: 29°
 Lumens: 2420.8
 Efficiency: 48.6%

Field:
 H Angle: 52.3°
 V Angle: 52.3°
 Lumens: 4085.3
 Efficiency: 82.0%

Spill:
 Lumens: 893.9
 Efficiency: 18.0%

— Vertical Distribution through 0-Deg
 - - Horizontal Distribution through 0-Deg

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FIELD
BEAM

CANDELA DISTRIBUTION:

	-90°	-87.5°	-85°	-82.5°	-80°	-77.5°	-75°	-72.5°	-70°	-67.5°	-65°
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
87.5°	0.0	0.2	0.4	0.5	0.7	0.9	1.1	1.2	1.4	1.6	1.7
85°	0.0	0.4	0.7	1.1	1.4	1.8	2.1	2.5	2.8	3.1	3.5
82.5°	0.0	0.5	1.1	1.6	2.1	2.7	3.2	3.7	4.3	5.3	6.3
80°	0.0	0.7	1.4	2.1	2.8	3.5	4.3	5.6	6.9	8.3	9.7
77.5°	0.0	0.9	1.8	2.7	3.5	4.6	6.1	7.8	9.4	11.2	13.2
75°	0.0	1.1	2.1	3.2	4.3	6.1	8.0	9.9	12.0	14.5	16.9
72.5°	0.0	1.2	2.5	3.7	5.5	7.6	9.8	12.2	15.0	17.9	20.7
70°	0.0	1.4	2.8	4.3	6.7	9.1	11.6	14.8	18.0	21.2	24.7
67.5°	0.0	1.6	3.1	5.1	7.9	10.6	13.8	17.3	20.9	24.9	28.7
65°	0.0	1.7	3.5	6.0	9.0	12.2	16.0	19.9	24.1	28.4	32.8
62.5°	0.0	1.9	3.8	6.9	10.1	14.0	18.2	22.5	27.3	32.0	37.0
60°	0.0	2.0	4.1	7.7	11.2	15.8	20.3	25.2	30.3	35.6	41.0
57.5°	0.0	2.2	4.6	8.5	12.6	17.5	22.5	27.8	33.4	39.1	45.1
55°	0.0	2.4	5.2	9.3	13.9	19.1	24.6	30.4	36.3	42.5	49.0
52.5°	0.0	2.5	5.7	10.0	15.2	20.8	26.7	32.8	39.1	45.9	52.8
50°	0.0	2.6	6.1	10.8	16.5	22.4	28.7	35.2	41.9	49.3	56.4
47.5°	0.0	2.8	6.6	11.5	17.7	24.0	30.6	37.5	44.8	52.5	59.8
45°	0.0	2.9	7.1	12.4	18.9	25.5	32.5	39.7	47.6	55.4	62.9
42.5°	0.0	3.0	7.5	13.2	20.0	26.9	34.3	42.0	50.2	58.0	65.8
40°	0.0	3.1	7.9	14.0	21.0	28.3	36.0	44.1	52.6	60.5	68.6
37.5°	0.0	3.3	8.3	14.7	22.1	29.5	37.7	46.1	54.7	62.9	71.2
35°	0.0	3.4	8.7	15.4	23.0	30.8	39.2	48.0	56.7	65.2	73.6
32.5°	0.0	3.5	9.0	16.0	23.9	32.0	40.7	49.7	58.6	67.3	76.0
30°	0.0	3.6	9.4	16.6	24.7	33.1	42.1	51.3	60.4	69.3	78.3
27.5°	0.0	3.6	9.7	17.1	25.5	34.1	43.3	52.7	62.0	71.1	80.3
25°	0.0	3.7	9.9	17.6	26.2	35.1	44.5	54.0	63.4	72.8	82.2
22.5°	0.0	3.8	10.2	18.0	26.8	35.9	45.5	55.1	64.7	74.3	84.0
20°	0.0	3.9	10.4	18.4	27.4	36.7	46.4	56.2	65.9	75.6	85.7
17.5°	0.0	3.9	10.6	18.7	27.9	37.3	47.2	57.0	66.9	76.8	87.1
15°	0.0	4.0	10.8	19.0	28.4	37.9	47.9	57.9	67.8	77.7	88.4
12.5°	0.0	4.0	11.0	19.2	28.8	38.3	48.6	58.6	68.6	78.5	89.4
10°	0.0	4.0	11.1	19.3	29.1	38.6	49.1	59.3	69.3	79.5	90.3
7.5°	0.0	4.1	11.2	19.4	29.4	38.8	49.5	59.8	69.9	80.3	91.4
5°	0.0	4.1	11.2	19.4	29.5	38.9	49.8	60.1	70.3	81.0	92.2
2.5°	0.0	4.1	11.3	19.4	29.7	39.0	50.0	60.3	70.5	81.5	92.8
0°	0.0	4.1	11.3	19.4	29.7	38.9	50.1	60.4	70.6	81.8	93.1
-2.5°	0.0	4.1	11.3	19.4	29.7	39.0	50.0	60.3	70.5	81.5	92.8
-5°	0.0	4.1	11.2	19.4	29.5	38.9	49.8	60.1	70.3	81.0	92.2
-7.5°	0.0	4.1	11.2	19.4	29.4	38.8	49.5	59.8	69.9	80.3	91.4
-10°	0.0	4.0	11.1	19.3	29.1	38.6	49.1	59.3	69.3	79.5	90.3
-12.5°	0.0	4.0	11.0	19.2	28.8	38.3	48.6	58.6	68.6	78.5	89.4
-15°	0.0	4.0	10.8	19.0	28.4	37.9	47.9	57.9	67.8	77.7	88.4
-17.5°	0.0	3.9	10.6	18.7	27.9	37.3	47.2	57.0	66.9	76.8	87.1
-20°	0.0	3.9	10.4	18.4	27.4	36.7	46.4	56.2	65.9	75.6	85.7

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Scaled Data Report



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

CANDELA DISTRIBUTION (continued):

	-90°	-87.5°	-85°	-82.5°	-80°	-77.5°	-75°	-72.5°	-70°	-67.5°	-65°
-22.5°	0.0	3.8	10.2	18.0	26.8	35.9	45.5	55.1	64.7	74.3	84.0
-25°	0.0	3.7	9.9	17.6	26.2	35.1	44.5	54.0	63.4	72.8	82.2
-27.5°	0.0	3.6	9.7	17.1	25.5	34.1	43.3	52.7	62.0	71.1	80.3
-30°	0.0	3.6	9.4	16.6	24.7	33.1	42.1	51.3	60.4	69.3	78.3
-32.5°	0.0	3.5	9.0	16.0	23.9	32.0	40.7	49.7	58.6	67.3	76.0
-35°	0.0	3.4	8.7	15.4	23.0	30.8	39.2	48.0	56.7	65.2	73.6
-37.5°	0.0	3.3	8.3	14.7	22.1	29.5	37.7	46.1	54.7	62.9	71.2
-40°	0.0	3.1	7.9	14.0	21.0	28.3	36.0	44.1	52.6	60.5	68.6
-42.5°	0.0	3.0	7.5	13.2	20.0	26.9	34.3	42.0	50.2	58.0	65.8
-45°	0.0	2.9	7.1	12.4	18.9	25.5	32.5	39.7	47.6	55.4	62.9
-47.5°	0.0	2.8	6.6	11.5	17.7	24.0	30.6	37.5	44.8	52.5	59.8
-50°	0.0	2.6	6.1	10.8	16.5	22.4	28.7	35.2	41.9	49.3	56.4
-52.5°	0.0	2.5	5.7	10.0	15.2	20.8	26.7	32.8	39.1	45.9	52.8
-55°	0.0	2.4	5.2	9.3	13.9	19.1	24.6	30.4	36.3	42.5	49.0
-57.5°	0.0	2.2	4.6	8.5	12.6	17.5	22.5	27.8	33.4	39.1	45.1
-60°	0.0	2.0	4.1	7.7	11.2	15.8	20.3	25.2	30.3	35.6	41.0
-62.5°	0.0	1.9	3.8	6.9	10.1	14.0	18.2	22.5	27.3	32.0	37.0
-65°	0.0	1.7	3.5	6.0	9.0	12.2	16.0	19.9	24.1	28.4	32.8
-67.5°	0.0	1.6	3.1	5.1	7.9	10.6	13.8	17.3	20.9	24.9	28.7
-70°	0.0	1.4	2.8	4.3	6.7	9.1	11.6	14.8	18.0	21.2	24.7
-72.5°	0.0	1.2	2.5	3.7	5.5	7.6	9.8	12.2	15.0	17.9	20.7
-75°	0.0	1.1	2.1	3.2	4.3	6.1	8.0	9.9	12.0	14.5	16.9
-77.5°	0.0	0.9	1.8	2.7	3.5	4.6	6.1	7.8	9.4	11.2	13.2
-80°	0.0	0.7	1.4	2.1	2.8	3.5	4.3	5.6	6.9	8.3	9.7
-82.5°	0.0	0.5	1.1	1.6	2.1	2.7	3.2	3.7	4.3	5.3	6.3
-85°	0.0	0.4	0.7	1.1	1.4	1.8	2.1	2.5	2.8	3.1	3.5
-87.5°	0.0	0.2	0.4	0.5	0.7	0.9	1.1	1.2	1.4	1.6	1.7
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



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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°	1.9	2.0	2.2	2.4	2.5	2.6	2.8	2.9	3.0	3.1	3.3
85°	3.8	4.1	4.7	5.3	5.9	6.4	7.0	7.5	8.0	8.5	8.9
82.5°	7.2	8.2	9.1	10.0	10.8	11.7	12.5	13.3	14.0	14.7	15.4
80°	11.0	12.2	13.5	14.7	15.8	16.9	18.0	19.0	20.0	21.1	22.2
77.5°	15.0	16.5	18.0	19.3	20.8	22.5	24.2	25.8	27.4	28.8	30.2
75°	19.0	20.9	22.9	24.8	26.9	29.0	31.0	32.9	34.8	36.8	38.7
72.5°	23.3	25.8	28.2	30.5	33.1	35.7	38.0	40.1	42.5	45.2	47.6
70°	27.9	30.7	33.8	36.8	39.7	42.5	45.4	48.3	51.3	54.1	56.9
67.5°	32.4	36.0	39.5	42.9	46.3	49.7	53.1	56.6	60.0	63.3	66.4
65°	37.3	41.4	45.3	49.1	52.8	57.0	61.0	64.9	69.2	73.2	76.6
62.5°	42.1	46.6	50.9	55.2	59.8	64.3	69.0	74.0	79.1	82.7	85.9
60°	46.7	51.7	56.5	61.5	66.6	71.7	77.1	82.3	87.0	91.0	94.4
57.5°	51.1	56.8	62.2	67.5	73.0	78.8	84.8	90.2	94.5	98.4	102.1
55°	55.4	61.7	67.4	73.1	79.4	86.2	92.3	97.2	101.7	104.9	108.4
52.5°	59.5	66.3	72.2	78.6	85.8	92.9	99.0	103.7	107.5	110.8	114.2
50°	63.5	70.2	76.8	84.2	91.7	98.9	105.0	109.3	113.1	116.5	119.8
47.5°	67.0	74.0	81.6	89.4	97.2	104.3	110.2	114.6	118.5	122.0	125.6
45°	70.4	77.9	85.9	94.4	102.5	109.5	114.9	119.6	123.3	127.3	131.9
42.5°	73.6	81.7	90.3	99.4	107.7	114.1	119.3	123.8	128.1	132.9	137.9
40°	76.7	85.2	94.5	104.0	112.5	118.1	123.2	128.0	133.0	138.4	143.9
37.5°	79.7	88.7	98.4	108.4	116.0	121.8	127.2	132.5	138.1	143.9	150.8
35°	82.4	92.0	102.2	111.8	119.1	125.5	131.2	137.0	143.2	150.4	158.0
32.5°	85.0	95.0	105.7	114.7	122.0	128.7	135.1	141.7	148.8	156.7	165.3
30°	87.6	97.9	108.7	117.6	124.5	131.4	138.9	146.2	154.1	162.9	173.0
27.5°	90.1	100.6	111.3	120.0	126.8	133.8	141.8	150.7	159.3	168.9	180.7
25°	92.4	103.4	113.8	121.8	128.7	136.0	144.4	153.8	164.0	175.4	189.8
22.5°	94.6	105.9	116.2	123.4	130.3	138.0	146.9	157.0	168.1	181.3	198.8
20°	96.6	107.9	117.8	124.8	131.6	139.5	149.2	159.7	172.4	188.4	209.4
17.5°	98.4	109.5	118.9	126.0	133.0	141.1	151.1	162.1	176.4	194.7	219.6
15°	99.9	110.9	119.8	126.9	134.1	142.8	153.1	165.0	180.7	200.9	228.4
12.5°	101.2	112.0	120.6	127.6	135.1	144.0	154.7	167.9	184.9	207.7	240.2
10°	102.1	112.7	121.3	128.0	135.7	144.9	156.1	170.1	188.4	213.3	250.4
7.5°	103.1	113.4	121.7	128.1	136.1	145.3	157.0	171.7	191.0	217.5	258.4
5°	103.8	114.1	122.0	128.5	136.3	145.5	157.6	172.6	192.6	220.3	264.1
2.5°	104.2	114.5	121.9	128.8	136.4	145.6	158.3	173.1	194.3	222.7	267.4
0°	104.3	114.6	121.7	128.9	136.1	145.3	158.6	172.9	195.4	224.0	268.0
-2.5°	104.2	114.5	121.9	128.8	136.4	145.6	158.3	173.1	194.3	222.7	267.4
-5°	103.8	114.1	122.0	128.5	136.3	145.5	157.6	172.6	192.6	220.3	264.1
-7.5°	103.1	113.4	121.7	128.1	136.1	145.3	157.0	171.7	191.0	217.5	258.4
-10°	102.1	112.7	121.3	128.0	135.7	144.9	156.1	170.1	188.4	213.3	250.4
-12.5°	101.2	112.0	120.6	127.6	135.1	144.0	154.7	167.9	184.9	207.7	240.2
-15°	99.9	110.9	119.8	126.9	134.1	142.8	153.1	165.0	180.7	200.9	228.4
-17.5°	98.4	109.5	118.9	126.0	133.0	141.1	151.1	162.1	176.4	194.7	219.6
-20°	96.6	107.9	117.8	124.8	131.6	139.5	149.2	159.7	172.4	188.4	209.4

Classified

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

Scaled Data Report



REPORT NUMBER: P626635 (CONVERTED FROM TYPE C PHOTOMETRY)

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

CANDELA DISTRIBUTION (continued):

	-62.5°	-60°	-57.5°	-55°	-52.5°	-50°	-47.5°	-45°	-42.5°	-40°	-37.5°
-22.5°	94.6	105.9	116.2	123.4	130.3	138.0	146.9	157.0	168.1	181.3	198.8
-25°	92.4	103.4	113.8	121.8	128.7	136.0	144.4	153.8	164.0	175.4	189.8
-27.5°	90.1	100.6	111.3	120.0	126.8	133.8	141.8	150.7	159.3	168.9	180.7
-30°	87.6	97.9	108.7	117.6	124.5	131.4	138.9	146.2	154.1	162.9	173.0
-32.5°	85.0	95.0	105.7	114.7	122.0	128.7	135.1	141.7	148.8	156.7	165.3
-35°	82.4	92.0	102.2	111.8	119.1	125.5	131.2	137.0	143.2	150.4	158.0
-37.5°	79.7	88.7	98.4	108.4	116.0	121.8	127.2	132.5	138.1	143.9	150.8
-40°	76.7	85.2	94.5	104.0	112.5	118.1	123.2	128.0	133.0	138.4	143.9
-42.5°	73.6	81.7	90.3	99.4	107.7	114.1	119.3	123.8	128.1	132.9	137.9
-45°	70.4	77.9	85.9	94.4	102.5	109.5	114.9	119.6	123.3	127.3	131.9
-47.5°	67.0	74.0	81.6	89.4	97.2	104.3	110.2	114.6	118.5	122.0	125.6
-50°	63.5	70.2	76.8	84.2	91.7	98.9	105.0	109.3	113.1	116.5	119.8
-52.5°	59.5	66.3	72.2	78.6	85.8	92.9	99.0	103.7	107.5	110.8	114.2
-55°	55.4	61.7	67.4	73.1	79.4	86.2	92.3	97.2	101.7	104.9	108.4
-57.5°	51.1	56.8	62.2	67.5	73.0	78.8	84.8	90.2	94.5	98.4	102.1
-60°	46.7	51.7	56.5	61.5	66.6	71.7	77.1	82.3	87.0	91.0	94.4
-62.5°	42.1	46.6	50.9	55.2	59.8	64.3	69.0	74.0	79.1	82.7	85.9
-65°	37.3	41.4	45.3	49.1	52.8	57.0	61.0	64.9	69.2	73.2	76.6
-67.5°	32.4	36.0	39.5	42.9	46.3	49.7	53.1	56.6	60.0	63.3	66.4
-70°	27.9	30.7	33.8	36.8	39.7	42.5	45.4	48.3	51.3	54.1	56.9
-72.5°	23.3	25.8	28.2	30.5	33.1	35.7	38.0	40.1	42.5	45.2	47.6
-75°	19.0	20.9	22.9	24.8	26.9	29.0	31.0	32.9	34.8	36.8	38.7
-77.5°	15.0	16.5	18.0	19.3	20.8	22.5	24.2	25.8	27.4	28.8	30.2
-80°	11.0	12.2	13.5	14.7	15.8	16.9	18.0	19.0	20.0	21.1	22.2
-82.5°	7.2	8.2	9.1	10.0	10.8	11.7	12.5	13.3	14.0	14.7	15.4
-85°	3.8	4.1	4.7	5.3	5.9	6.4	7.0	7.5	8.0	8.5	8.9
-87.5°	1.9	2.0	2.2	2.4	2.5	2.6	2.8	2.9	3.0	3.1	3.3
-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: P626635 (CONVERTED FROM TYPE C PHOTOMETRY)

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

CANDELA DISTRIBUTION (continued):

	-35°	-32.5°	-30°	-27.5°	-25°	-22.5°	-20°	-17.5°	-15°	-12.5°	-10°
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
87.5°	3.4	3.5	3.6	3.6	3.7	3.8	3.9	3.9	4.0	4.0	4.0
85°	9.3	9.7	10.1	10.4	10.8	10.8	10.9	10.9	10.8	11.0	11.1
82.5°	16.0	16.8	17.5	18.2	18.9	19.2	19.3	19.5	19.6	19.8	20.1
80°	23.3	24.4	25.4	26.4	27.2	27.8	28.3	28.8	29.3	29.5	29.6
77.5°	31.6	33.0	34.3	35.5	36.6	37.5	38.2	38.7	39.2	39.5	39.6
75°	40.7	42.4	43.9	45.4	46.7	47.6	48.3	48.8	49.1	49.4	49.7
72.5°	49.8	51.8	53.7	55.4	56.9	57.9	58.7	59.3	59.8	60.1	60.3
70°	59.4	61.8	63.8	65.5	66.9	67.9	68.8	69.4	69.9	70.2	70.4
67.5°	69.4	71.9	73.8	75.3	76.6	77.7	78.7	79.4	79.9	80.4	80.9
65°	79.5	82.1	84.0	85.6	86.9	88.3	89.6	90.6	91.2	91.8	92.4
62.5°	89.0	92.0	94.2	96.3	98.4	100.4	101.6	102.5	103.2	103.7	104.4
60°	97.7	101.0	103.8	106.3	108.9	111.5	112.6	113.5	114.3	115.0	115.7
57.5°	105.4	108.9	112.3	114.8	117.3	119.7	121.4	122.3	123.0	123.3	123.6
55°	112.1	115.6	119.0	121.9	124.6	127.1	129.0	129.9	130.5	130.9	131.2
52.5°	118.1	121.8	125.4	128.7	131.6	134.3	136.6	137.9	138.9	139.6	139.8
50°	124.0	128.0	131.9	135.4	138.8	142.0	145.0	146.7	147.9	148.7	148.9
47.5°	130.1	134.5	138.7	142.8	146.6	150.4	154.0	156.3	158.1	159.3	160.3
45°	136.5	141.3	145.9	150.6	155.1	160.0	164.5	167.9	170.5	172.7	174.4
42.5°	142.9	148.3	153.6	159.7	165.8	171.4	176.7	181.3	185.4	189.5	192.7
40°	150.0	155.8	163.1	170.3	177.8	184.3	192.1	199.1	205.5	212.4	218.1
37.5°	157.6	165.2	173.8	182.4	192.1	201.5	212.4	223.1	232.4	244.5	254.2
35°	166.0	175.5	185.6	197.2	209.8	224.6	239.8	257.6	272.7	291.9	309.7
32.5°	175.3	186.4	199.6	215.6	232.5	256.3	278.5	308.8	334.6	367.9	404.3
30°	184.7	199.2	217.1	237.7	266.3	300.0	339.3	390.4	445.7	502.9	579.9
27.5°	195.9	214.7	237.1	268.9	311.7	358.3	438.3	524.8	645.2	740.5	910.2
25°	208.0	231.1	264.3	310.4	369.5	463.9	599.0	755.5	996.4	1210.7	1456.9
22.5°	222.2	253.8	297.6	358.0	461.1	623.5	834.4	1155.6	1512.7	1865.2	2187.4
20°	237.4	275.5	336.8	435.1	594.4	829.2	1205.5	1664.5	2138.6	2621.6	3028.7
17.5°	255.0	306.8	387.6	518.1	745.4	1147.4	1650.0	2233.7	2853.1	3469.4	4004.9
15°	270.2	334.1	442.9	638.5	977.4	1480.3	2097.9	2835.1	3614.1	4414.0	5281.0
12.5°	289.6	367.1	500.0	738.0	1183.2	1836.9	2592.6	3448.5	4399.7	5461.8	6813.4
10°	307.3	401.7	575.0	897.5	1430.7	2170.0	3019.9	3991.0	5224.7	6820.8	8451.2
7.5°	321.6	429.1	633.2	1021.9	1638.2	2454.6	3404.7	4568.9	6108.1	8008.7	9871.5
5°	331.5	448.1	674.9	1115.9	1805.1	2672.0	3677.7	4995.0	6852.7	8981.0	10883.1
2.5°	337.7	458.5	695.3	1171.7	1914.0	2802.9	3848.0	5265.7	7309.1	9600.0	11525.7
0°	340.6	460.3	682.3	1198.9	1929.3	2793.7	3863.7	5356.1	7417.4	9768.1	11686.1
-2.5°	337.7	458.5	695.3	1171.7	1914.0	2802.9	3848.0	5265.7	7309.1	9600.0	11525.7
-5°	331.5	448.1	674.9	1115.9	1805.1	2672.0	3677.7	4995.0	6852.7	8981.0	10883.1
-7.5°	321.6	429.1	633.2	1021.9	1638.2	2454.6	3404.7	4568.9	6108.1	8008.7	9871.5
-10°	307.3	401.7	575.0	897.5	1430.7	2170.0	3019.9	3991.0	5224.7	6820.8	8451.2
-12.5°	289.6	367.1	500.0	738.0	1183.2	1836.9	2592.6	3448.5	4399.7	5461.8	6813.4
-15°	270.2	334.1	442.9	638.5	977.4	1480.3	2097.9	2835.1	3614.1	4414.0	5281.0
-17.5°	255.0	306.8	387.6	518.1	745.4	1147.4	1650.0	2233.7	2853.1	3469.4	4004.9
-20°	237.4	275.5	336.8	435.1	594.4	829.2	1205.5	1664.5	2138.6	2621.6	3028.7

Classified

Cooper Lighting Solutions Photometric Lab
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Scaled Data Report



REPORT NUMBER: P626635 (CONVERTED FROM TYPE C PHOTOMETRY)

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

CANDELA DISTRIBUTION (continued):

	-35°	-32.5°	-30°	-27.5°	-25°	-22.5°	-20°	-17.5°	-15°	-12.5°	-10°
-22.5°	222.2	253.8	297.6	358.0	461.1	623.5	834.4	1155.6	1512.7	1865.2	2187.4
-25°	208.0	231.1	264.3	310.4	369.5	463.9	599.0	755.5	996.4	1210.7	1456.9
-27.5°	195.9	214.7	237.1	268.9	311.7	358.3	438.3	524.8	645.2	740.5	910.2
-30°	184.7	199.2	217.1	237.7	266.3	300.0	339.3	390.4	445.7	502.9	579.9
-32.5°	175.3	186.4	199.6	215.6	232.5	256.3	278.5	308.8	334.6	367.9	404.3
-35°	166.0	175.5	185.6	197.2	209.8	224.6	239.8	257.6	272.7	291.9	309.7
-37.5°	157.6	165.2	173.8	182.4	192.1	201.5	212.4	223.1	232.4	244.5	254.2
-40°	150.0	155.8	163.1	170.3	177.8	184.3	192.1	199.1	205.5	212.4	218.1
-42.5°	142.9	148.3	153.6	159.7	165.8	171.4	176.7	181.3	185.4	189.5	192.7
-45°	136.5	141.3	145.9	150.6	155.1	160.0	164.5	167.9	170.5	172.7	174.4
-47.5°	130.1	134.5	138.7	142.8	146.6	150.4	154.0	156.3	158.1	159.3	160.3
-50°	124.0	128.0	131.9	135.4	138.8	142.0	145.0	146.7	147.9	148.7	148.9
-52.5°	118.1	121.8	125.4	128.7	131.6	134.3	136.6	137.9	138.9	139.6	139.8
-55°	112.1	115.6	119.0	121.9	124.6	127.1	129.0	129.9	130.5	130.9	131.2
-57.5°	105.4	108.9	112.3	114.8	117.3	119.7	121.4	122.3	123.0	123.3	123.6
-60°	97.7	101.0	103.8	106.3	108.9	111.5	112.6	113.5	114.3	115.0	115.7
-62.5°	89.0	92.0	94.2	96.3	98.4	100.4	101.6	102.5	103.2	103.7	104.4
-65°	79.5	82.1	84.0	85.6	86.9	88.3	89.6	90.6	91.2	91.8	92.4
-67.5°	69.4	71.9	73.8	75.3	76.6	77.7	78.7	79.4	79.9	80.4	80.9
-70°	59.4	61.8	63.8	65.5	66.9	67.9	68.8	69.4	69.9	70.2	70.4
-72.5°	49.8	51.8	53.7	55.4	56.9	57.9	58.7	59.3	59.8	60.1	60.3
-75°	40.7	42.4	43.9	45.4	46.7	47.6	48.3	48.8	49.1	49.4	49.7
-77.5°	31.6	33.0	34.3	35.5	36.6	37.5	38.2	38.7	39.2	39.5	39.6
-80°	23.3	24.4	25.4	26.4	27.2	27.8	28.3	28.8	29.3	29.5	29.6
-82.5°	16.0	16.8	17.5	18.2	18.9	19.2	19.3	19.5	19.6	19.8	20.1
-85°	9.3	9.7	10.1	10.4	10.8	10.8	10.9	10.9	10.8	11.0	11.1
-87.5°	3.4	3.5	3.6	3.6	3.7	3.8	3.9	3.9	4.0	4.0	4.0
-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: P626635 (CONVERTED FROM TYPE C PHOTOMETRY)

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

CANDELA DISTRIBUTION (continued):

	-7.5°	-5°	-2.5°	0°	2.5°	5°	7.5°	10°	12.5°	15°	17.5°
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
87.5°	4.1	4.1	4.1	4.1	4.1	4.1	4.1	4.0	4.0	4.0	3.9
85°	11.2	11.2	11.3	11.3	11.3	11.2	11.2	11.1	11.0	10.8	10.9
82.5°	20.3	20.4	20.5	20.5	20.5	20.4	20.3	20.1	19.8	19.6	19.5
80°	29.6	29.6	29.7	29.7	29.7	29.6	29.6	29.6	29.5	29.3	28.8
77.5°	39.7	39.7	39.9	39.9	39.9	39.7	39.7	39.6	39.5	39.2	38.7
75°	49.8	49.9	50.0	50.1	50.0	49.9	49.8	49.7	49.4	49.1	48.8
72.5°	60.3	60.2	60.3	60.4	60.3	60.2	60.3	60.3	60.1	59.8	59.3
70°	70.5	70.3	71.0	71.6	71.0	70.3	70.5	70.4	70.2	69.9	69.4
67.5°	81.3	81.4	82.2	82.9	82.2	81.4	81.3	80.9	80.4	79.9	79.4
65°	92.7	92.7	93.4	94.1	93.4	92.7	92.7	92.4	91.8	91.2	90.6
62.5°	104.8	105.0	105.7	106.4	105.7	105.0	104.8	104.4	103.7	103.2	102.5
60°	116.1	116.2	116.5	116.6	116.5	116.2	116.1	115.7	115.0	114.3	113.5
57.5°	123.7	123.6	123.7	123.8	123.7	123.6	123.7	123.6	123.3	123.0	122.3
55°	131.1	130.8	130.4	129.9	130.4	130.8	131.1	131.2	130.9	130.5	129.9
52.5°	139.6	139.1	138.6	138.1	138.6	139.1	139.6	139.8	139.6	138.9	137.9
50°	148.7	148.2	147.8	147.3	147.8	148.2	148.7	148.9	148.7	147.9	146.7
47.5°	160.9	161.1	161.0	160.6	161.0	161.1	160.9	160.3	159.3	158.1	156.3
45°	175.7	176.3	176.3	175.9	176.3	176.3	175.7	174.4	172.7	170.5	167.9
42.5°	194.9	196.2	196.9	197.4	196.9	196.2	194.9	192.7	189.5	185.4	181.3
40°	222.2	224.9	226.5	228.1	226.5	224.9	222.2	218.1	212.4	205.5	199.1
37.5°	261.4	266.2	268.3	267.0	268.3	266.2	261.4	254.2	244.5	232.4	223.1
35°	323.3	332.4	337.2	337.6	337.2	332.4	323.3	309.7	291.9	272.7	257.6
32.5°	431.3	449.9	459.9	461.3	459.9	449.9	431.3	404.3	367.9	334.6	308.8
30°	638.8	676.8	694.7	690.5	694.7	676.8	638.8	579.9	502.9	445.7	390.4
27.5°	1042.2	1137.1	1193.4	1197.9	1193.4	1137.1	1042.2	910.2	740.5	645.2	524.8
25°	1675.0	1837.1	1940.9	1942.6	1940.9	1837.1	1675.0	1456.9	1210.7	996.4	755.5
22.5°	2485.2	2706.5	2827.8	2848.9	2827.8	2706.5	2485.2	2187.4	1865.2	1512.7	1155.6
20°	3423.9	3718.3	3875.7	3875.9	3875.7	3718.3	3423.9	3028.7	2621.6	2138.6	1664.5
17.5°	4580.0	5057.9	5357.9	5487.1	5357.9	5057.9	4580.0	4004.9	3469.4	2853.1	2233.7
15°	6115.8	6918.9	7400.2	7486.9	7400.2	6918.9	6115.8	5281.0	4414.0	3614.1	2835.1
12.5°	7985.8	9002.2	9685.5	9935.8	9685.5	9002.2	7985.8	6813.4	5461.8	4399.7	3448.5
10°	9938.3	10880.1	11612.0	11857.9	11612.0	10880.1	9938.3	8451.2	6820.8	5224.7	3991.0
7.5°	11348.8	12471.8	13296.3	13658.3	13296.3	12471.8	11348.8	9871.5	8008.7	6108.1	4568.9
5°	12462.3	13791.0	14558.5	14899.2	14558.5	13791.0	12462.3	10883.1	8981.0	6852.7	4995.0
2.5°	13192.9	14505.8	15318.5	15632.6	15318.5	14505.8	13192.9	11525.7	9600.0	7309.1	5265.7
0°	13466.0	14749.8	15552.8	15936.4	15552.8	14749.8	13466.0	11686.1	9768.1	7417.4	5356.1
-2.5°	13192.9	14505.8	15318.5	15632.6	15318.5	14505.8	13192.9	11525.7	9600.0	7309.1	5265.7
-5°	12462.3	13791.0	14558.5	14899.2	14558.5	13791.0	12462.3	10883.1	8981.0	6852.7	4995.0
-7.5°	11348.8	12471.8	13296.3	13658.3	13296.3	12471.8	11348.8	9871.5	8008.7	6108.1	4568.9
-10°	9938.3	10880.1	11612.0	11857.9	11612.0	10880.1	9938.3	8451.2	6820.8	5224.7	3991.0
-12.5°	7985.8	9002.2	9685.5	9935.8	9685.5	9002.2	7985.8	6813.4	5461.8	4399.7	3448.5
-15°	6115.8	6918.9	7400.2	7486.9	7400.2	6918.9	6115.8	5281.0	4414.0	3614.1	2835.1
-17.5°	4580.0	5057.9	5357.9	5487.1	5357.9	5057.9	4580.0	4004.9	3469.4	2853.1	2233.7
-20°	3423.9	3718.3	3875.7	3875.9	3875.7	3718.3	3423.9	3028.7	2621.6	2138.6	1664.5

Classified

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

Scaled Data Report



REPORT NUMBER: P626635 (CONVERTED FROM TYPE C PHOTOMETRY)

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

CANDELA DISTRIBUTION (continued):

	-7.5°	-5°	-2.5°	0°	2.5°	5°	7.5°	10°	12.5°	15°	17.5°
-22.5°	2485.2	2706.5	2827.8	2848.9	2827.8	2706.5	2485.2	2187.4	1865.2	1512.7	1155.6
-25°	1675.0	1837.1	1940.9	1942.6	1940.9	1837.1	1675.0	1456.9	1210.7	996.4	755.5
-27.5°	1042.2	1137.1	1193.4	1197.9	1193.4	1137.1	1042.2	910.2	740.5	645.2	524.8
-30°	638.8	676.8	694.7	690.5	694.7	676.8	638.8	579.9	502.9	445.7	390.4
-32.5°	431.3	449.9	459.9	461.3	459.9	449.9	431.3	404.3	367.9	334.6	308.8
-35°	323.3	332.4	337.2	337.6	337.2	332.4	323.3	309.7	291.9	272.7	257.6
-37.5°	261.4	266.2	268.3	267.0	268.3	266.2	261.4	254.2	244.5	232.4	223.1
-40°	222.2	224.9	226.5	228.1	226.5	224.9	222.2	218.1	212.4	205.5	199.1
-42.5°	194.9	196.2	196.9	197.4	196.9	196.2	194.9	192.7	189.5	185.4	181.3
-45°	175.7	176.3	176.3	175.9	176.3	176.3	175.7	174.4	172.7	170.5	167.9
-47.5°	160.9	161.1	161.0	160.6	161.0	161.1	160.9	160.3	159.3	158.1	156.3
-50°	148.7	148.2	147.8	147.3	147.8	148.2	148.7	148.9	148.7	147.9	146.7
-52.5°	139.6	139.1	138.6	138.1	138.6	139.1	139.6	139.8	139.6	138.9	137.9
-55°	131.1	130.8	130.4	129.9	130.4	130.8	131.1	131.2	130.9	130.5	129.9
-57.5°	123.7	123.6	123.7	123.8	123.7	123.6	123.7	123.6	123.3	123.0	122.3
-60°	116.1	116.2	116.5	116.6	116.5	116.2	116.1	115.7	115.0	114.3	113.5
-62.5°	104.8	105.0	105.7	106.4	105.7	105.0	104.8	104.4	103.7	103.2	102.5
-65°	92.7	92.7	93.4	94.1	93.4	92.7	92.7	92.4	91.8	91.2	90.6
-67.5°	81.3	81.4	82.2	82.9	82.2	81.4	81.3	80.9	80.4	79.9	79.4
-70°	70.5	70.3	71.0	71.6	71.0	70.3	70.5	70.4	70.2	69.9	69.4
-72.5°	60.3	60.2	60.3	60.4	60.3	60.2	60.3	60.3	60.1	59.8	59.3
-75°	49.8	49.9	50.0	50.1	50.0	49.9	49.8	49.7	49.4	49.1	48.8
-77.5°	39.7	39.7	39.9	39.9	39.9	39.7	39.7	39.6	39.5	39.2	38.7
-80°	29.6	29.6	29.7	29.7	29.7	29.6	29.6	29.6	29.5	29.3	28.8
-82.5°	20.3	20.4	20.5	20.5	20.5	20.4	20.3	20.1	19.8	19.6	19.5
-85°	11.2	11.2	11.3	11.3	11.3	11.2	11.2	11.1	11.0	10.8	10.9
-87.5°	4.1	4.1	4.1	4.1	4.1	4.1	4.1	4.0	4.0	4.0	3.9
-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: P626635 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA1B-750-U-MR-XX

CANDELA DISTRIBUTION (continued):

	20°	22.5°	25°	27.5°	30°	32.5°	35°	37.5°	40°	42.5°	45°
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
87.5°	3.9	3.8	3.7	3.6	3.6	3.5	3.4	3.3	3.1	3.0	2.9
85°	10.9	10.8	10.8	10.4	10.1	9.7	9.3	8.9	8.5	8.0	7.5
82.5°	19.3	19.2	18.9	18.2	17.5	16.8	16.0	15.4	14.7	14.0	13.3
80°	28.3	27.8	27.2	26.4	25.4	24.4	23.3	22.2	21.1	20.0	19.0
77.5°	38.2	37.5	36.6	35.5	34.3	33.0	31.6	30.2	28.8	27.4	25.8
75°	48.3	47.6	46.7	45.4	43.9	42.4	40.7	38.7	36.8	34.8	32.9
72.5°	58.7	57.9	56.9	55.4	53.7	51.8	49.8	47.6	45.2	42.5	40.1
70°	68.8	67.9	66.9	65.5	63.8	61.8	59.4	56.9	54.1	51.3	48.3
67.5°	78.7	77.7	76.6	75.3	73.8	71.9	69.4	66.4	63.3	60.0	56.6
65°	89.6	88.3	86.9	85.6	84.0	82.1	79.5	76.6	73.2	69.2	64.9
62.5°	101.6	100.4	98.4	96.3	94.2	92.0	89.0	85.9	82.7	79.1	74.0
60°	112.6	111.5	108.9	106.3	103.8	101.0	97.7	94.4	91.0	87.0	82.3
57.5°	121.4	119.7	117.3	114.8	112.3	108.9	105.4	102.1	98.4	94.5	90.2
55°	129.0	127.1	124.6	121.9	119.0	115.6	112.1	108.4	104.9	101.7	97.2
52.5°	136.6	134.3	131.6	128.7	125.4	121.8	118.1	114.2	110.8	107.5	103.7
50°	145.0	142.0	138.8	135.4	131.9	128.0	124.0	119.8	116.5	113.1	109.3
47.5°	154.0	150.4	146.6	142.8	138.7	134.5	130.1	125.6	122.0	118.5	114.6
45°	164.5	160.0	155.1	150.6	145.9	141.3	136.5	131.9	127.3	123.3	119.6
42.5°	176.7	171.4	165.8	159.7	153.6	148.3	142.9	137.9	132.9	128.1	123.8
40°	192.1	184.3	177.8	170.3	163.1	155.8	150.0	143.9	138.4	133.0	128.0
37.5°	212.4	201.5	192.1	182.4	173.8	165.2	157.6	150.8	143.9	138.1	132.5
35°	239.8	224.6	209.8	197.2	185.6	175.5	166.0	158.0	150.4	143.2	137.0
32.5°	278.5	256.3	232.5	215.6	199.6	186.4	175.3	165.3	156.7	148.8	141.7
30°	339.3	300.0	266.3	237.7	217.1	199.2	184.7	173.0	162.9	154.1	146.2
27.5°	438.3	358.3	311.7	268.9	237.1	214.7	195.9	180.7	168.9	159.3	150.7
25°	599.0	463.9	369.5	310.4	264.3	231.1	208.0	189.8	175.4	164.0	153.8
22.5°	834.4	623.5	461.1	358.0	297.6	253.8	222.2	198.8	181.3	168.1	157.0
20°	1205.5	829.2	594.4	435.1	336.8	275.5	237.4	209.4	188.4	172.4	159.7
17.5°	1650.0	1147.4	745.4	518.1	387.6	306.8	255.0	219.6	194.7	176.4	162.1
15°	2097.9	1480.3	977.4	638.5	442.9	334.1	270.2	228.4	200.9	180.7	165.0
12.5°	2592.6	1836.9	1183.2	738.0	500.0	367.1	289.6	240.2	207.7	184.9	167.9
10°	3019.9	2170.0	1430.7	897.5	575.0	401.7	307.3	250.4	213.3	188.4	170.1
7.5°	3404.7	2454.6	1638.2	1021.9	633.2	429.1	321.6	258.4	217.5	191.0	171.7
5°	3677.7	2672.0	1805.1	1115.9	674.9	448.1	331.5	264.1	220.3	192.6	172.6
2.5°	3848.0	2802.9	1914.0	1171.7	695.3	458.5	337.7	267.4	222.7	194.3	173.1
0°	3863.7	2793.7	1929.3	1198.9	682.3	460.3	340.6	268.0	224.0	195.4	172.9
-2.5°	3848.0	2802.9	1914.0	1171.7	695.3	458.5	337.7	267.4	222.7	194.3	173.1
-5°	3677.7	2672.0	1805.1	1115.9	674.9	448.1	331.5	264.1	220.3	192.6	172.6
-7.5°	3404.7	2454.6	1638.2	1021.9	633.2	429.1	321.6	258.4	217.5	191.0	171.7
-10°	3019.9	2170.0	1430.7	897.5	575.0	401.7	307.3	250.4	213.3	188.4	170.1
-12.5°	2592.6	1836.9	1183.2	738.0	500.0	367.1	289.6	240.2	207.7	184.9	167.9
-15°	2097.9	1480.3	977.4	638.5	442.9	334.1	270.2	228.4	200.9	180.7	165.0
-17.5°	1650.0	1147.4	745.4	518.1	387.6	306.8	255.0	219.6	194.7	176.4	162.1
-20°	1205.5	829.2	594.4	435.1	336.8	275.5	237.4	209.4	188.4	172.4	159.7

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REPORT NUMBER: P626635 (CONVERTED FROM TYPE C PHOTOMETRY)

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

CANDELA DISTRIBUTION (continued):

	20°	22.5°	25°	27.5°	30°	32.5°	35°	37.5°	40°	42.5°	45°
-22.5°	834.4	623.5	461.1	358.0	297.6	253.8	222.2	198.8	181.3	168.1	157.0
-25°	599.0	463.9	369.5	310.4	264.3	231.1	208.0	189.8	175.4	164.0	153.8
-27.5°	438.3	358.3	311.7	268.9	237.1	214.7	195.9	180.7	168.9	159.3	150.7
-30°	339.3	300.0	266.3	237.7	217.1	199.2	184.7	173.0	162.9	154.1	146.2
-32.5°	278.5	256.3	232.5	215.6	199.6	186.4	175.3	165.3	156.7	148.8	141.7
-35°	239.8	224.6	209.8	197.2	185.6	175.5	166.0	158.0	150.4	143.2	137.0
-37.5°	212.4	201.5	192.1	182.4	173.8	165.2	157.6	150.8	143.9	138.1	132.5
-40°	192.1	184.3	177.8	170.3	163.1	155.8	150.0	143.9	138.4	133.0	128.0
-42.5°	176.7	171.4	165.8	159.7	153.6	148.3	142.9	137.9	132.9	128.1	123.8
-45°	164.5	160.0	155.1	150.6	145.9	141.3	136.5	131.9	127.3	123.3	119.6
-47.5°	154.0	150.4	146.6	142.8	138.7	134.5	130.1	125.6	122.0	118.5	114.6
-50°	145.0	142.0	138.8	135.4	131.9	128.0	124.0	119.8	116.5	113.1	109.3
-52.5°	136.6	134.3	131.6	128.7	125.4	121.8	118.1	114.2	110.8	107.5	103.7
-55°	129.0	127.1	124.6	121.9	119.0	115.6	112.1	108.4	104.9	101.7	97.2
-57.5°	121.4	119.7	117.3	114.8	112.3	108.9	105.4	102.1	98.4	94.5	90.2
-60°	112.6	111.5	108.9	106.3	103.8	101.0	97.7	94.4	91.0	87.0	82.3
-62.5°	101.6	100.4	98.4	96.3	94.2	92.0	89.0	85.9	82.7	79.1	74.0
-65°	89.6	88.3	86.9	85.6	84.0	82.1	79.5	76.6	73.2	69.2	64.9
-67.5°	78.7	77.7	76.6	75.3	73.8	71.9	69.4	66.4	63.3	60.0	56.6
-70°	68.8	67.9	66.9	65.5	63.8	61.8	59.4	56.9	54.1	51.3	48.3
-72.5°	58.7	57.9	56.9	55.4	53.7	51.8	49.8	47.6	45.2	42.5	40.1
-75°	48.3	47.6	46.7	45.4	43.9	42.4	40.7	38.7	36.8	34.8	32.9
-77.5°	38.2	37.5	36.6	35.5	34.3	33.0	31.6	30.2	28.8	27.4	25.8
-80°	28.3	27.8	27.2	26.4	25.4	24.4	23.3	22.2	21.1	20.0	19.0
-82.5°	19.3	19.2	18.9	18.2	17.5	16.8	16.0	15.4	14.7	14.0	13.3
-85°	10.9	10.8	10.8	10.4	10.1	9.7	9.3	8.9	8.5	8.0	7.5
-87.5°	3.9	3.8	3.7	3.6	3.6	3.5	3.4	3.3	3.1	3.0	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



REPORT NUMBER: P626635 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA1B-750-U-MR-XX

CANDELA DISTRIBUTION (continued):

	47.5°	50°	52.5°	55°	57.5°	60°	62.5°	65°	67.5°	70°	72.5°
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
87.5°	2.8	2.6	2.5	2.4	2.2	2.0	1.9	1.7	1.6	1.4	1.2
85°	7.0	6.4	5.9	5.3	4.7	4.1	3.8	3.5	3.1	2.8	2.5
82.5°	12.5	11.7	10.8	10.0	9.1	8.2	7.2	6.3	5.3	4.3	3.7
80°	18.0	16.9	15.8	14.7	13.5	12.2	11.0	9.7	8.3	6.9	5.6
77.5°	24.2	22.5	20.8	19.3	18.0	16.5	15.0	13.2	11.2	9.4	7.8
75°	31.0	29.0	26.9	24.8	22.9	20.9	19.0	16.9	14.5	12.0	9.9
72.5°	38.0	35.7	33.1	30.5	28.2	25.8	23.3	20.7	17.9	15.0	12.2
70°	45.4	42.5	39.7	36.8	33.8	30.7	27.9	24.7	21.2	18.0	14.8
67.5°	53.1	49.7	46.3	42.9	39.5	36.0	32.4	28.7	24.9	20.9	17.3
65°	61.0	57.0	52.8	49.1	45.3	41.4	37.3	32.8	28.4	24.1	19.9
62.5°	69.0	64.3	59.8	55.2	50.9	46.6	42.1	37.0	32.0	27.3	22.5
60°	77.1	71.7	66.6	61.5	56.5	51.7	46.7	41.0	35.6	30.3	25.2
57.5°	84.8	78.8	73.0	67.5	62.2	56.8	51.1	45.1	39.1	33.4	27.8
55°	92.3	86.2	79.4	73.1	67.4	61.7	55.4	49.0	42.5	36.3	30.4
52.5°	99.0	92.9	85.8	78.6	72.2	66.3	59.5	52.8	45.9	39.1	32.8
50°	105.0	98.9	91.7	84.2	76.8	70.2	63.5	56.4	49.3	41.9	35.2
47.5°	110.2	104.3	97.2	89.4	81.6	74.0	67.0	59.8	52.5	44.8	37.5
45°	114.9	109.5	102.5	94.4	85.9	77.9	70.4	62.9	55.4	47.6	39.7
42.5°	119.3	114.1	107.7	99.4	90.3	81.7	73.6	65.8	58.0	50.2	42.0
40°	123.2	118.1	112.5	104.0	94.5	85.2	76.7	68.6	60.5	52.6	44.1
37.5°	127.2	121.8	116.0	108.4	98.4	88.7	79.7	71.2	62.9	54.7	46.1
35°	131.2	125.5	119.1	111.8	102.2	92.0	82.4	73.6	65.2	56.7	48.0
32.5°	135.1	128.7	122.0	114.7	105.7	95.0	85.0	76.0	67.3	58.6	49.7
30°	138.9	131.4	124.5	117.6	108.7	97.9	87.6	78.3	69.3	60.4	51.3
27.5°	141.8	133.8	126.8	120.0	111.3	100.6	90.1	80.3	71.1	62.0	52.7
25°	144.4	136.0	128.7	121.8	113.8	103.4	92.4	82.2	72.8	63.4	54.0
22.5°	146.9	138.0	130.3	123.4	116.2	105.9	94.6	84.0	74.3	64.7	55.1
20°	149.2	139.5	131.6	124.8	117.8	107.9	96.6	85.7	75.6	65.9	56.2
17.5°	151.1	141.1	133.0	126.0	118.9	109.5	98.4	87.1	76.8	66.9	57.0
15°	153.1	142.8	134.1	126.9	119.8	110.9	99.9	88.4	77.7	67.8	57.9
12.5°	154.7	144.0	135.1	127.6	120.6	112.0	101.2	89.4	78.5	68.6	58.6
10°	156.1	144.9	135.7	128.0	121.3	112.7	102.1	90.3	79.5	69.3	59.3
7.5°	157.0	145.3	136.1	128.1	121.7	113.4	103.1	91.4	80.3	69.9	59.8
5°	157.6	145.5	136.3	128.5	122.0	114.1	103.8	92.2	81.0	70.3	60.1
2.5°	158.3	145.6	136.4	128.8	121.9	114.5	104.2	92.8	81.5	70.5	60.3
0°	158.6	145.3	136.1	128.9	121.7	114.6	104.3	93.1	81.8	70.6	60.4
-2.5°	158.3	145.6	136.4	128.8	121.9	114.5	104.2	92.8	81.5	70.5	60.3
-5°	157.6	145.5	136.3	128.5	122.0	114.1	103.8	92.2	81.0	70.3	60.1
-7.5°	157.0	145.3	136.1	128.1	121.7	113.4	103.1	91.4	80.3	69.9	59.8
-10°	156.1	144.9	135.7	128.0	121.3	112.7	102.1	90.3	79.5	69.3	59.3
-12.5°	154.7	144.0	135.1	127.6	120.6	112.0	101.2	89.4	78.5	68.6	58.6
-15°	153.1	142.8	134.1	126.9	119.8	110.9	99.9	88.4	77.7	67.8	57.9
-17.5°	151.1	141.1	133.0	126.0	118.9	109.5	98.4	87.1	76.8	66.9	57.0
-20°	149.2	139.5	131.6	124.8	117.8	107.9	96.6	85.7	75.6	65.9	56.2

Classified

Cooper Lighting Solutions Photometric Lab
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Scaled Data Report



REPORT NUMBER: P626635 (CONVERTED FROM TYPE C PHOTOMETRY)

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

CANDELA DISTRIBUTION (continued):

	47.5°	50°	52.5°	55°	57.5°	60°	62.5°	65°	67.5°	70°	72.5°
-22.5°	146.9	138.0	130.3	123.4	116.2	105.9	94.6	84.0	74.3	64.7	55.1
-25°	144.4	136.0	128.7	121.8	113.8	103.4	92.4	82.2	72.8	63.4	54.0
-27.5°	141.8	133.8	126.8	120.0	111.3	100.6	90.1	80.3	71.1	62.0	52.7
-30°	138.9	131.4	124.5	117.6	108.7	97.9	87.6	78.3	69.3	60.4	51.3
-32.5°	135.1	128.7	122.0	114.7	105.7	95.0	85.0	76.0	67.3	58.6	49.7
-35°	131.2	125.5	119.1	111.8	102.2	92.0	82.4	73.6	65.2	56.7	48.0
-37.5°	127.2	121.8	116.0	108.4	98.4	88.7	79.7	71.2	62.9	54.7	46.1
-40°	123.2	118.1	112.5	104.0	94.5	85.2	76.7	68.6	60.5	52.6	44.1
-42.5°	119.3	114.1	107.7	99.4	90.3	81.7	73.6	65.8	58.0	50.2	42.0
-45°	114.9	109.5	102.5	94.4	85.9	77.9	70.4	62.9	55.4	47.6	39.7
-47.5°	110.2	104.3	97.2	89.4	81.6	74.0	67.0	59.8	52.5	44.8	37.5
-50°	105.0	98.9	91.7	84.2	76.8	70.2	63.5	56.4	49.3	41.9	35.2
-52.5°	99.0	92.9	85.8	78.6	72.2	66.3	59.5	52.8	45.9	39.1	32.8
-55°	92.3	86.2	79.4	73.1	67.4	61.7	55.4	49.0	42.5	36.3	30.4
-57.5°	84.8	78.8	73.0	67.5	62.2	56.8	51.1	45.1	39.1	33.4	27.8
-60°	77.1	71.7	66.6	61.5	56.5	51.7	46.7	41.0	35.6	30.3	25.2
-62.5°	69.0	64.3	59.8	55.2	50.9	46.6	42.1	37.0	32.0	27.3	22.5
-65°	61.0	57.0	52.8	49.1	45.3	41.4	37.3	32.8	28.4	24.1	19.9
-67.5°	53.1	49.7	46.3	42.9	39.5	36.0	32.4	28.7	24.9	20.9	17.3
-70°	45.4	42.5	39.7	36.8	33.8	30.7	27.9	24.7	21.2	18.0	14.8
-72.5°	38.0	35.7	33.1	30.5	28.2	25.8	23.3	20.7	17.9	15.0	12.2
-75°	31.0	29.0	26.9	24.8	22.9	20.9	19.0	16.9	14.5	12.0	9.9
-77.5°	24.2	22.5	20.8	19.3	18.0	16.5	15.0	13.2	11.2	9.4	7.8
-80°	18.0	16.9	15.8	14.7	13.5	12.2	11.0	9.7	8.3	6.9	5.6
-82.5°	12.5	11.7	10.8	10.0	9.1	8.2	7.2	6.3	5.3	4.3	3.7
-85°	7.0	6.4	5.9	5.3	4.7	4.1	3.8	3.5	3.1	2.8	2.5
-87.5°	2.8	2.6	2.5	2.4	2.2	2.0	1.9	1.7	1.6	1.4	1.2
-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: P626635 (CONVERTED FROM TYPE C PHOTOMETRY)

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

CANDELA DISTRIBUTION (continued):

	75°	77.5°	80°	82.5°	85°	87.5°	90°
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0
87.5°	1.1	0.9	0.7	0.5	0.4	0.2	0.0
85°	2.1	1.8	1.4	1.1	0.7	0.4	0.0
82.5°	3.2	2.7	2.1	1.6	1.1	0.5	0.0
80°	4.3	3.5	2.8	2.1	1.4	0.7	0.0
77.5°	6.1	4.6	3.5	2.7	1.8	0.9	0.0
75°	8.0	6.1	4.3	3.2	2.1	1.1	0.0
72.5°	9.8	7.6	5.5	3.7	2.5	1.2	0.0
70°	11.6	9.1	6.7	4.3	2.8	1.4	0.0
67.5°	13.8	10.6	7.9	5.1	3.1	1.6	0.0
65°	16.0	12.2	9.0	6.0	3.5	1.7	0.0
62.5°	18.2	14.0	10.1	6.9	3.8	1.9	0.0
60°	20.3	15.8	11.2	7.7	4.1	2.0	0.0
57.5°	22.5	17.5	12.6	8.5	4.6	2.2	0.0
55°	24.6	19.1	13.9	9.3	5.2	2.4	0.0
52.5°	26.7	20.8	15.2	10.0	5.7	2.5	0.0
50°	28.7	22.4	16.5	10.8	6.1	2.6	0.0
47.5°	30.6	24.0	17.7	11.5	6.6	2.8	0.0
45°	32.5	25.5	18.9	12.4	7.1	2.9	0.0
42.5°	34.3	26.9	20.0	13.2	7.5	3.0	0.0
40°	36.0	28.3	21.0	14.0	7.9	3.1	0.0
37.5°	37.7	29.5	22.1	14.7	8.3	3.3	0.0
35°	39.2	30.8	23.0	15.4	8.7	3.4	0.0
32.5°	40.7	32.0	23.9	16.0	9.0	3.5	0.0
30°	42.1	33.1	24.7	16.6	9.4	3.6	0.0
27.5°	43.3	34.1	25.5	17.1	9.7	3.6	0.0
25°	44.5	35.1	26.2	17.6	9.9	3.7	0.0
22.5°	45.5	35.9	26.8	18.0	10.2	3.8	0.0
20°	46.4	36.7	27.4	18.4	10.4	3.9	0.0
17.5°	47.2	37.3	27.9	18.7	10.6	3.9	0.0
15°	47.9	37.9	28.4	19.0	10.8	4.0	0.0
12.5°	48.6	38.3	28.8	19.2	11.0	4.0	0.0
10°	49.1	38.6	29.1	19.3	11.1	4.0	0.0
7.5°	49.5	38.8	29.4	19.4	11.2	4.1	0.0
5°	49.8	38.9	29.5	19.4	11.2	4.1	0.0
2.5°	50.0	39.0	29.7	19.4	11.3	4.1	0.0
0°	50.1	38.9	29.7	19.4	11.3	4.1	0.0
-2.5°	50.0	39.0	29.7	19.4	11.3	4.1	0.0
-5°	49.8	38.9	29.5	19.4	11.2	4.1	0.0
-7.5°	49.5	38.8	29.4	19.4	11.2	4.1	0.0
-10°	49.1	38.6	29.1	19.3	11.1	4.0	0.0
-12.5°	48.6	38.3	28.8	19.2	11.0	4.0	0.0
-15°	47.9	37.9	28.4	19.0	10.8	4.0	0.0
-17.5°	47.2	37.3	27.9	18.7	10.6	3.9	0.0
-20°	46.4	36.7	27.4	18.4	10.4	3.9	0.0

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

CANDELA DISTRIBUTION (continued):

	75°	77.5°	80°	82.5°	85°	87.5°	90°
-22.5°	45.5	35.9	26.8	18.0	10.2	3.8	0.0
-25°	44.5	35.1	26.2	17.6	9.9	3.7	0.0
-27.5°	43.3	34.1	25.5	17.1	9.7	3.6	0.0
-30°	42.1	33.1	24.7	16.6	9.4	3.6	0.0
-32.5°	40.7	32.0	23.9	16.0	9.0	3.5	0.0
-35°	39.2	30.8	23.0	15.4	8.7	3.4	0.0
-37.5°	37.7	29.5	22.1	14.7	8.3	3.3	0.0
-40°	36.0	28.3	21.0	14.0	7.9	3.1	0.0
-42.5°	34.3	26.9	20.0	13.2	7.5	3.0	0.0
-45°	32.5	25.5	18.9	12.4	7.1	2.9	0.0
-47.5°	30.6	24.0	17.7	11.5	6.6	2.8	0.0
-50°	28.7	22.4	16.5	10.8	6.1	2.6	0.0
-52.5°	26.7	20.8	15.2	10.0	5.7	2.5	0.0
-55°	24.6	19.1	13.9	9.3	5.2	2.4	0.0
-57.5°	22.5	17.5	12.6	8.5	4.6	2.2	0.0
-60°	20.3	15.8	11.2	7.7	4.1	2.0	0.0
-62.5°	18.2	14.0	10.1	6.9	3.8	1.9	0.0
-65°	16.0	12.2	9.0	6.0	3.5	1.7	0.0
-67.5°	13.8	10.6	7.9	5.1	3.1	1.6	0.0
-70°	11.6	9.1	6.7	4.3	2.8	1.4	0.0
-72.5°	9.8	7.6	5.5	3.7	2.5	1.2	0.0
-75°	8.0	6.1	4.3	3.2	2.1	1.1	0.0
-77.5°	6.1	4.6	3.5	2.7	1.8	0.9	0.0
-80°	4.3	3.5	2.8	2.1	1.4	0.7	0.0
-82.5°	3.2	2.7	2.1	1.6	1.1	0.5	0.0
-85°	2.1	1.8	1.4	1.1	0.7	0.4	0.0
-87.5°	1.1	0.9	0.7	0.5	0.4	0.2	0.0
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0

(END OF REPORT)