

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: P626623 (CONVERTED FROM TYPE C PHOTOMETRY)

Luminaire Tested: **GFLD-SA1B-735-U-WR-XX**

Issue Date: 12/7/2022

Test Information

Test Method: LM-79-08
Report Number: P626623 (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-735-U-WR-XX
Description: GALLEON FLOOD, ONE LIGHT SQAURE, WIDE SYMMETRICAL ROUND N22
Light Source: (16) 3500K CCT, 70 CRI LEDS
Ballast/Driver: -

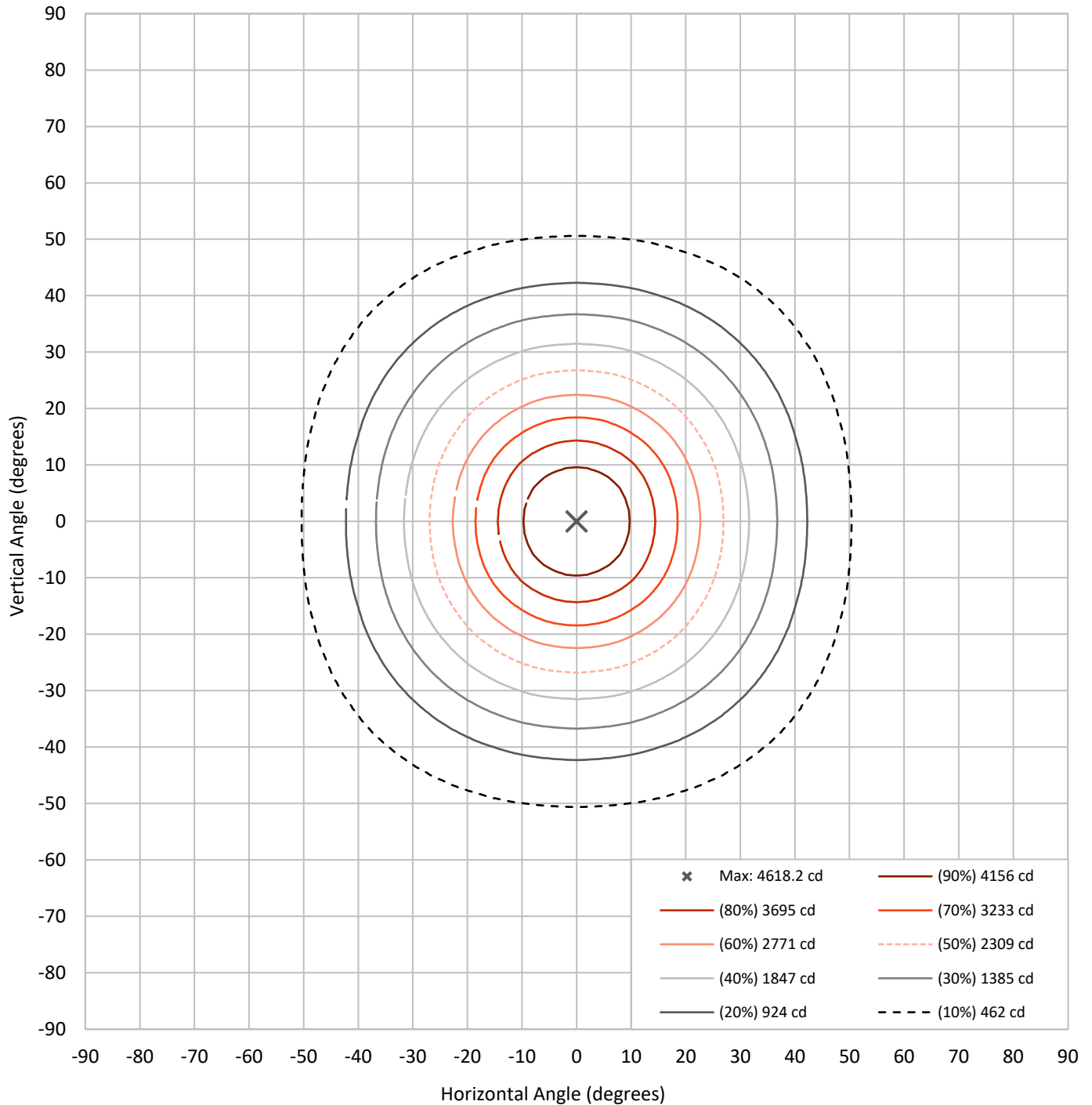
Summary

Lumens per Lamp:	N/A	NEMA Type:	6H x 6V
Luminaire Lumens:	4700.3 lumens	Max Intensity:	4618.2 candela
Efficiency:	N/A	Max Intensity Angle:	0°H x 0°V
Efficacy:	140.3 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:	2247.4 lumens	Field Lumens:	4148.1 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		



REPORT NUMBER: P626623 (CONVERTED FROM TYPE C PHOTOMETRY)
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Iso-Candela Plot





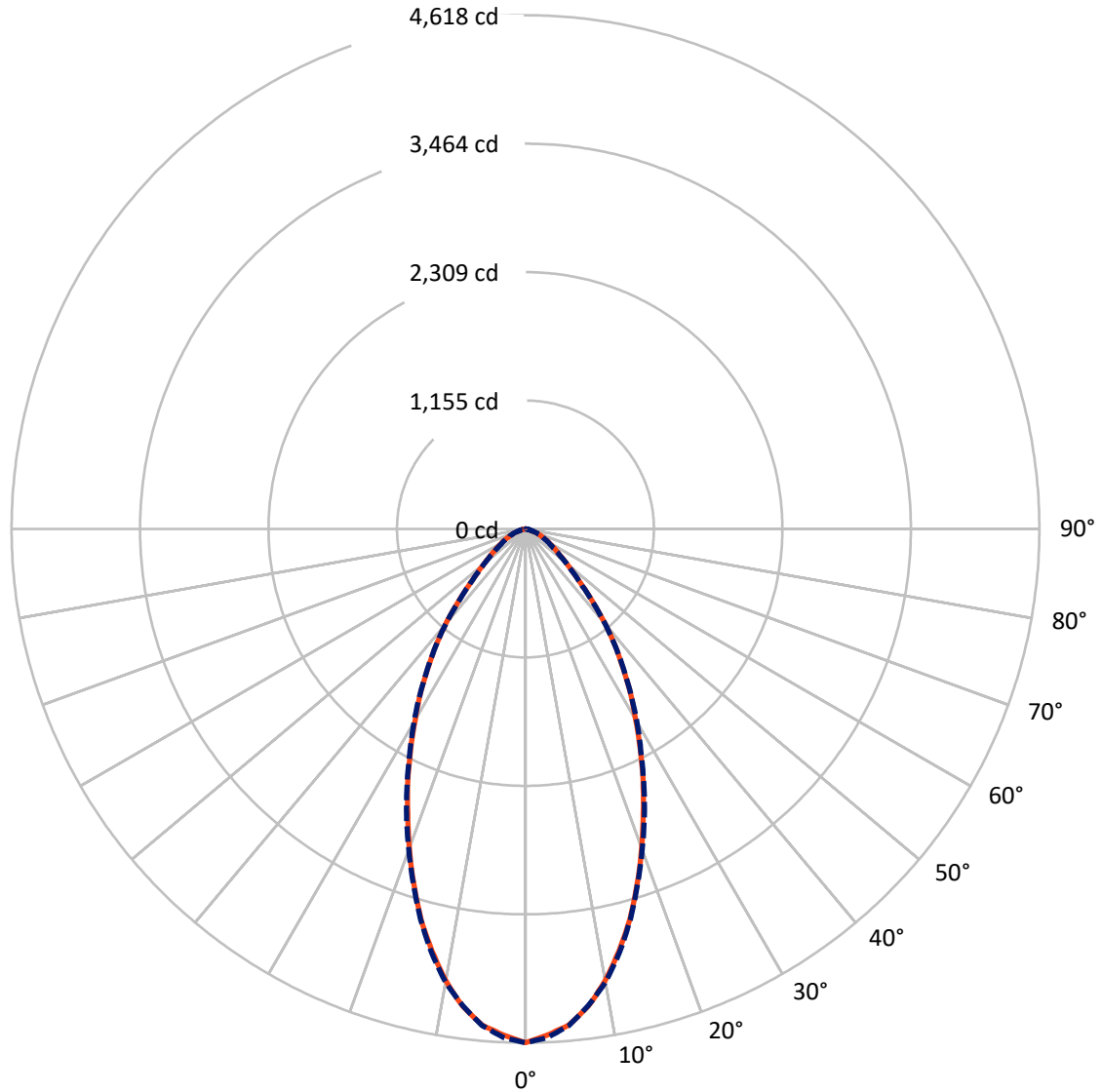
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Lumen Table

90																			
80	0.2	1.3		3.0		4.9		4.2		4.9		3.0		1.3		0.2			
70																			
60	0.6	0.7	1.3	2.2	3.1	4.1	4.8	5.1	5.1	4.8	4.1	3.1	2.2	1.3	0.7	0.6			
50		1.0	2.0	3.5	5.4	7.4	9.3	10.4	10.4	9.3	7.4	5.4	3.5	2.0	1.0				
40	0.9	1.3	2.8	5.3	8.9	13.6	18.8	22.3	22.3	18.8	13.6	8.9	5.3	2.8	1.3	0.9			
30		1.6	3.7	7.7	14.9	26.5	38.4	45.6	45.6	38.4	26.5	14.9	7.7	3.7	1.6				
20	1.1	1.8	4.6	10.7	24.1	43.3	61.9	74.0	74.0	61.9	43.3	24.1	10.7	4.6	1.8	1.1			
10		2.0	5.4	13.9	32.9	58.5	86.3	106.2	106.2	86.3	58.5	32.9	13.9	5.4	2.0				
0	1.1	2.1	5.8	16.0	37.8	68.0	103.4	130.1	130.1	103.4	68.0	37.8	16.0	5.8	2.1	1.1			
-10		2.1	5.8	16.0	37.8	68.0	103.4	130.1	130.1	103.4	68.0	37.8	16.0	5.8	2.1				
-20	1.1	2.0	5.4	13.9	32.9	58.5	86.3	106.2	106.2	86.3	58.5	32.9	13.9	5.4	2.0	1.1			
-30		1.8	4.6	10.7	24.1	43.3	61.9	74.0	74.0	61.9	43.3	24.1	10.7	4.6	1.8				
-40	0.9	1.6	3.7	7.7	14.9	26.5	38.4	45.6	45.6	38.4	26.5	14.9	7.7	3.7	1.6	0.9			
-50		1.3	2.8	5.3	8.9	13.6	18.8	22.3	22.3	18.8	13.6	8.9	5.3	2.8	1.3				
-60	0.6	1.0	2.0	3.5	5.4	7.4	9.3	10.4	10.4	9.3	7.4	5.4	3.5	2.0	1.0	0.6			
-70		0.7	1.3	2.2	3.1	4.1	4.8	5.1	5.1	4.8	4.1	3.1	2.2	1.3	0.7				
-80	0.2	1.3		3.0		4.9		4.2		4.9		3.0		1.3		0.2			
-90																			
	-90	-80	-70	-60	-50	-40	-30	-20	-10	0	10	20	30	40	50	60	70	80	90

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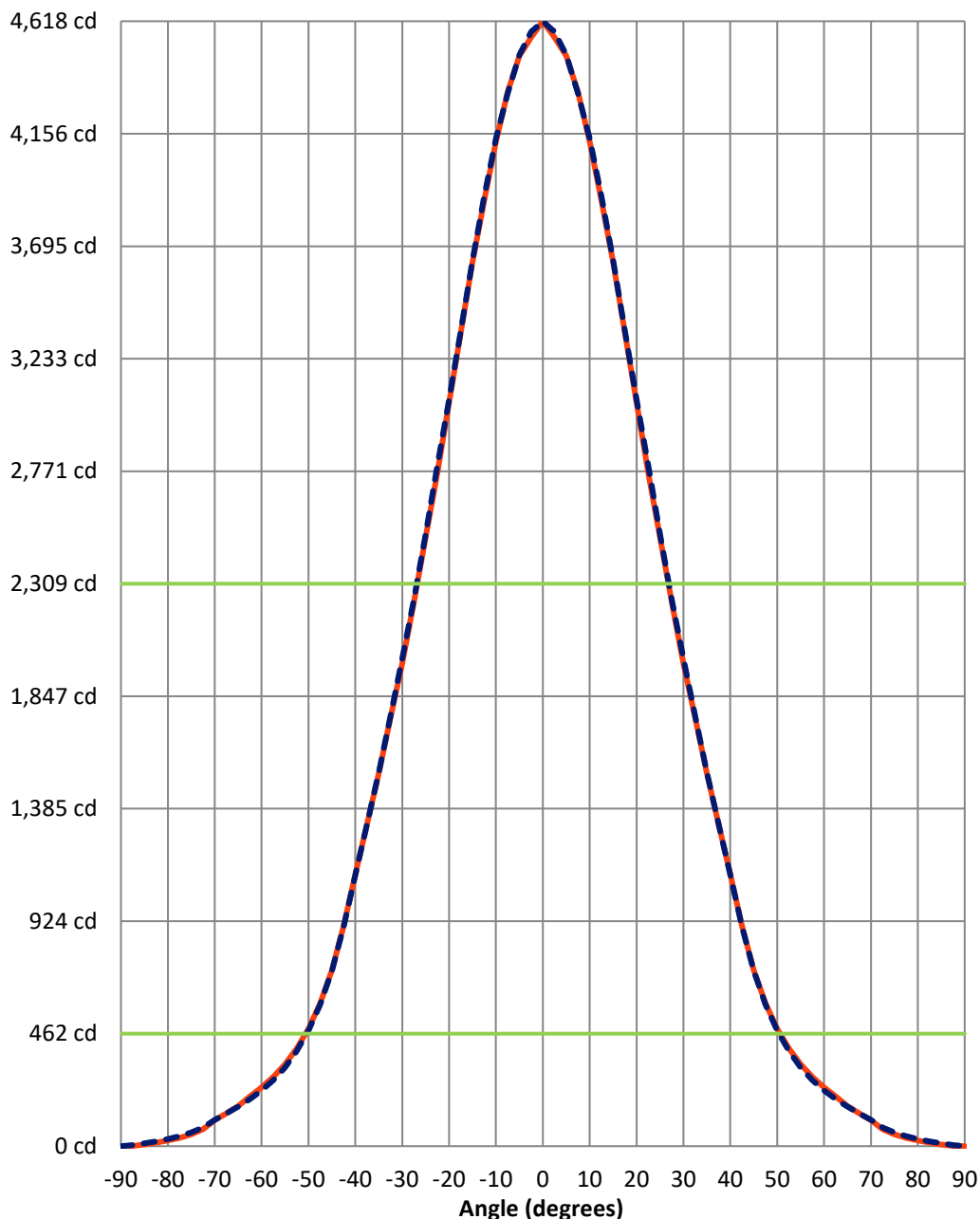
Luminous Intensity Polar Plot



— 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: 2247.4
 Efficiency: 47.8%

Field:
 H Angle: 100.8°
 V Angle: 101.2°
 Lumens: 4148.1
 Efficiency: 88.3%

Spill:
 Lumens: 552.1
 Efficiency: 11.7%

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

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FIELD
BEAM

CANDELA DISTRIBUTION:

	-90°	-87.5°	-85°	-82.5°	-80°	-77.5°	-75°	-72.5°	-70°	-67.5°	-65°
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
87.5°	0.0	0.2	0.5	0.9	1.3	1.7	2.2	2.4	2.6	2.8	2.9
85°	0.0	0.5	1.1	1.8	2.5	3.4	4.4	4.9	5.3	5.6	5.8
82.5°	0.0	0.7	1.6	2.6	3.8	5.1	6.6	7.3	8.1	9.3	10.5
80°	0.0	0.9	2.1	3.5	5.1	6.8	8.9	11.1	12.9	14.6	16.1
77.5°	0.0	1.2	2.7	4.4	6.3	8.8	12.7	15.5	17.8	19.9	22.0
75°	0.0	1.4	3.2	5.2	7.6	11.5	16.4	19.9	22.7	25.5	28.6
72.5°	0.0	1.6	3.7	6.0	9.4	14.2	20.0	24.2	27.6	31.2	35.1
70°	0.0	1.8	4.2	6.9	11.2	16.7	23.3	28.3	32.4	36.8	42.0
67.5°	0.0	2.0	4.6	8.0	12.8	19.1	26.3	32.3	37.2	42.6	48.8
65°	0.0	2.2	5.1	9.0	14.4	21.3	29.1	36.3	41.8	48.2	55.3
62.5°	0.0	2.5	5.6	9.9	15.9	23.3	31.7	40.0	46.3	53.6	61.3
60°	0.0	2.6	6.0	10.9	17.3	25.2	34.2	43.5	50.6	58.7	67.1
57.5°	0.0	2.8	6.5	11.7	18.6	27.0	36.5	46.7	54.9	63.7	72.5
55°	0.0	3.0	7.0	12.5	19.9	28.6	38.5	49.3	59.2	68.5	77.6
52.5°	0.0	3.2	7.5	13.2	21.0	30.1	40.4	52.0	63.2	73.1	82.7
50°	0.0	3.4	7.9	13.9	22.0	31.5	42.2	54.6	67.1	77.6	88.2
47.5°	0.0	3.5	8.4	14.5	22.9	32.8	43.8	57.0	71.0	81.9	93.6
45°	0.0	3.7	8.8	15.0	23.7	33.9	45.6	59.1	73.8	86.6	98.8
42.5°	0.0	3.8	9.2	15.6	24.4	34.8	47.2	61.2	76.3	91.1	104.2
40°	0.0	3.9	9.6	16.1	25.0	35.6	48.6	63.2	78.9	95.3	109.4
37.5°	0.0	4.0	9.9	16.7	25.6	36.3	49.8	65.0	81.6	98.6	114.4
35°	0.0	4.1	10.2	17.3	26.0	37.0	50.7	66.6	84.2	102.3	119.5
32.5°	0.0	4.2	10.5	17.8	26.4	37.8	51.7	68.1	86.7	106.0	124.7
30°	0.0	4.3	10.8	18.2	26.6	38.3	52.7	69.5	89.1	109.7	129.6
27.5°	0.0	4.4	11.0	18.6	27.2	38.7	53.5	71.2	91.6	113.4	134.1
25°	0.0	4.5	11.2	18.9	27.8	38.9	54.2	72.7	94.3	117.1	138.4
22.5°	0.0	4.5	11.4	19.2	28.2	39.2	54.6	74.1	97.0	120.5	143.1
20°	0.0	4.6	11.6	19.5	28.7	39.9	54.9	75.2	99.5	123.5	147.3
17.5°	0.0	4.6	11.7	19.6	29.0	40.5	55.5	76.1	101.7	126.2	151.0
15°	0.0	4.6	11.8	19.8	29.3	41.0	56.2	77.0	103.8	128.5	154.1
12.5°	0.0	4.7	11.9	19.9	29.5	41.3	56.8	77.8	105.5	130.4	156.8
10°	0.0	4.7	11.9	19.9	29.6	41.5	57.1	78.2	106.9	132.0	158.9
7.5°	0.0	4.7	11.9	19.9	29.7	41.6	57.2	78.3	107.8	133.3	160.6
5°	0.0	4.7	11.9	19.9	29.7	41.5	57.2	78.1	108.3	134.1	161.7
2.5°	0.0	4.6	11.9	19.7	29.6	41.4	56.9	77.5	108.4	134.5	162.2
0°	0.0	4.6	11.8	19.6	29.4	41.1	56.5	76.7	108.0	134.5	162.2
-2.5°	0.0	4.6	11.9	19.7	29.6	41.4	56.9	77.5	108.4	134.5	162.2
-5°	0.0	4.7	11.9	19.9	29.7	41.5	57.2	78.1	108.3	134.1	161.7
-7.5°	0.0	4.7	11.9	19.9	29.7	41.6	57.2	78.3	107.8	133.3	160.6
-10°	0.0	4.7	11.9	19.9	29.6	41.5	57.1	78.2	106.9	132.0	158.9
-12.5°	0.0	4.7	11.9	19.9	29.5	41.3	56.8	77.8	105.5	130.4	156.8
-15°	0.0	4.6	11.8	19.8	29.3	41.0	56.2	77.0	103.8	128.5	154.1
-17.5°	0.0	4.6	11.7	19.6	29.0	40.5	55.5	76.1	101.7	126.2	151.0
-20°	0.0	4.6	11.6	19.5	28.7	39.9	54.9	75.2	99.5	123.5	147.3

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Scaled Data Report



REPORT NUMBER: P626623 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA1B-735-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	4.5	11.4	19.2	28.2	39.2	54.6	74.1	97.0	120.5	143.1
-25°	0.0	4.5	11.2	18.9	27.8	38.9	54.2	72.7	94.3	117.1	138.4
-27.5°	0.0	4.4	11.0	18.6	27.2	38.7	53.5	71.2	91.6	113.4	134.1
-30°	0.0	4.3	10.8	18.2	26.6	38.3	52.7	69.5	89.1	109.7	129.6
-32.5°	0.0	4.2	10.5	17.8	26.4	37.8	51.7	68.1	86.7	106.0	124.7
-35°	0.0	4.1	10.2	17.3	26.0	37.0	50.7	66.6	84.2	102.3	119.5
-37.5°	0.0	4.0	9.9	16.7	25.6	36.3	49.8	65.0	81.6	98.6	114.4
-40°	0.0	3.9	9.6	16.1	25.0	35.6	48.6	63.2	78.9	95.3	109.4
-42.5°	0.0	3.8	9.2	15.6	24.4	34.8	47.2	61.2	76.3	91.1	104.2
-45°	0.0	3.7	8.8	15.0	23.7	33.9	45.6	59.1	73.8	86.6	98.8
-47.5°	0.0	3.5	8.4	14.5	22.9	32.8	43.8	57.0	71.0	81.9	93.6
-50°	0.0	3.4	7.9	13.9	22.0	31.5	42.2	54.6	67.1	77.6	88.2
-52.5°	0.0	3.2	7.5	13.2	21.0	30.1	40.4	52.0	63.2	73.1	82.7
-55°	0.0	3.0	7.0	12.5	19.9	28.6	38.5	49.3	59.2	68.5	77.6
-57.5°	0.0	2.8	6.5	11.7	18.6	27.0	36.5	46.7	54.9	63.7	72.5
-60°	0.0	2.6	6.0	10.9	17.3	25.2	34.2	43.5	50.6	58.7	67.1
-62.5°	0.0	2.5	5.6	9.9	15.9	23.3	31.7	40.0	46.3	53.6	61.3
-65°	0.0	2.2	5.1	9.0	14.4	21.3	29.1	36.3	41.8	48.2	55.3
-67.5°	0.0	2.0	4.6	8.0	12.8	19.1	26.3	32.3	37.2	42.6	48.8
-70°	0.0	1.8	4.2	6.9	11.2	16.7	23.3	28.3	32.4	36.8	42.0
-72.5°	0.0	1.6	3.7	6.0	9.4	14.2	20.0	24.2	27.6	31.2	35.1
-75°	0.0	1.4	3.2	5.2	7.6	11.5	16.4	19.9	22.7	25.5	28.6
-77.5°	0.0	1.2	2.7	4.4	6.3	8.8	12.7	15.5	17.8	19.9	22.0
-80°	0.0	0.9	2.1	3.5	5.1	6.8	8.9	11.1	12.9	14.6	16.1
-82.5°	0.0	0.7	1.6	2.6	3.8	5.1	6.6	7.3	8.1	9.3	10.5
-85°	0.0	0.5	1.1	1.8	2.5	3.4	4.4	4.9	5.3	5.6	5.8
-87.5°	0.0	0.2	0.5	0.9	1.3	1.7	2.2	2.4	2.6	2.8	2.9
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



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CATALOG NUMBER: GFLD-SA1B-735-U-WR-XX

CANDELA DISTRIBUTION (continued):

	-62.5°	-60°	-57.5°	-55°	-52.5°	-50°	-47.5°	-45°	-42.5°	-40°	-37.5°
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
87.5°	3.0	3.0	2.9	2.8	2.7	2.5	2.3	2.1	2.1	2.2	2.3
85°	5.9	5.9	6.4	6.8	7.0	7.1	6.9	6.6	7.5	8.5	9.5
82.5°	11.5	12.5	13.5	14.3	14.4	14.2	13.8	13.3	15.0	17.1	19.3
80°	17.6	19.1	20.8	22.4	22.8	22.6	22.1	21.2	23.5	26.8	30.3
77.5°	24.4	26.8	29.0	31.0	31.5	31.4	31.1	30.4	33.3	37.9	42.6
75°	31.6	34.5	37.3	39.7	40.8	40.9	40.7	41.4	45.3	50.6	55.2
72.5°	39.1	42.8	45.9	48.6	50.3	51.6	53.3	55.4	59.3	64.5	69.1
70°	47.1	51.1	54.4	57.4	60.0	62.8	66.4	70.0	74.2	79.3	84.1
67.5°	55.0	59.0	62.7	66.4	71.1	75.7	80.2	84.9	90.0	95.5	100.3
65°	62.2	66.8	71.3	76.7	82.9	88.0	93.5	99.6	106.4	112.5	118.1
62.5°	69.2	74.3	80.0	86.5	93.1	99.5	107.0	114.8	122.7	130.4	138.0
60°	75.1	81.5	88.4	95.7	103.3	112.1	120.8	130.1	139.6	148.8	158.2
57.5°	80.7	88.7	96.6	105.1	114.7	124.6	135.1	145.6	156.9	168.1	178.8
55°	86.6	95.9	105.0	115.1	126.0	137.7	149.6	162.3	174.8	188.9	201.9
52.5°	92.9	103.0	113.6	125.2	138.0	151.2	165.1	179.6	195.2	210.9	226.7
50°	99.0	110.4	122.3	136.1	150.4	165.5	181.5	198.5	216.6	234.7	253.9
47.5°	105.4	117.6	132.1	147.1	163.5	180.6	198.7	218.9	239.1	261.9	283.9
45°	111.7	125.8	141.4	158.9	176.9	196.2	217.8	240.0	265.6	291.4	320.4
42.5°	117.8	134.0	151.7	170.4	190.8	213.0	236.9	264.8	293.7	325.6	359.6
40°	124.7	141.9	161.8	182.6	204.8	230.2	258.9	289.9	325.2	363.0	401.6
37.5°	131.5	150.7	171.7	194.3	220.1	248.7	280.4	318.4	359.1	402.1	454.5
35°	137.8	159.2	182.0	206.7	234.6	267.8	305.8	347.7	394.6	450.0	511.2
32.5°	144.5	167.1	191.6	219.4	251.0	287.3	330.4	379.7	435.3	498.3	574.9
30°	151.3	175.3	201.2	231.3	266.5	308.4	357.4	411.9	475.8	554.9	644.8
27.5°	157.5	183.0	211.4	243.9	281.5	327.9	383.3	447.3	522.6	611.9	717.0
25°	163.3	190.0	220.7	255.9	298.1	349.0	409.0	479.9	569.3	675.9	805.1
22.5°	168.8	196.4	229.1	266.8	313.0	369.3	436.9	518.0	616.9	736.5	891.5
20°	173.9	203.3	237.5	277.1	326.3	387.7	462.6	553.5	666.1	807.7	976.1
17.5°	178.5	209.4	245.5	288.3	341.2	406.4	486.8	584.9	709.9	871.3	1054.3
15°	182.4	214.6	252.3	297.9	354.5	425.0	512.2	619.4	755.6	929.1	1122.8
12.5°	185.6	219.0	258.1	306.0	365.8	440.7	533.9	650.1	800.2	983.6	1183.1
10°	188.2	222.6	262.8	312.6	374.9	453.5	551.8	675.2	837.2	1030.3	1234.0
7.5°	190.4	225.3	266.3	317.6	381.7	463.2	565.7	694.6	866.2	1067.3	1273.1
5°	191.9	227.3	269.0	321.1	386.8	470.0	575.4	708.2	886.8	1094.1	1299.9
2.5°	192.7	228.3	270.5	322.9	389.8	473.9	580.5	716.7	898.1	1109.4	1316.0
0°	192.9	228.5	270.9	323.1	390.7	474.6	581.3	719.4	900.5	1113.3	1321.9
-2.5°	192.7	228.3	270.5	322.9	389.8	473.9	580.5	716.7	898.1	1109.4	1316.0
-5°	191.9	227.3	269.0	321.1	386.8	470.0	575.4	708.2	886.8	1094.1	1299.9
-7.5°	190.4	225.3	266.3	317.6	381.7	463.2	565.7	694.6	866.2	1067.3	1273.1
-10°	188.2	222.6	262.8	312.6	374.9	453.5	551.8	675.2	837.2	1030.3	1234.0
-12.5°	185.6	219.0	258.1	306.0	365.8	440.7	533.9	650.1	800.2	983.6	1183.1
-15°	182.4	214.6	252.3	297.9	354.5	425.0	512.2	619.4	755.6	929.1	1122.8
-17.5°	178.5	209.4	245.5	288.3	341.2	406.4	486.8	584.9	709.9	871.3	1054.3
-20°	173.9	203.3	237.5	277.1	326.3	387.7	462.6	553.5	666.1	807.7	976.1

Classified

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

Scaled Data Report



REPORT NUMBER: P626623 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA1B-735-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°	168.8	196.4	229.1	266.8	313.0	369.3	436.9	518.0	616.9	736.5	891.5
-25°	163.3	190.0	220.7	255.9	298.1	349.0	409.0	479.9	569.3	675.9	805.1
-27.5°	157.5	183.0	211.4	243.9	281.5	327.9	383.3	447.3	522.6	611.9	717.0
-30°	151.3	175.3	201.2	231.3	266.5	308.4	357.4	411.9	475.8	554.9	644.8
-32.5°	144.5	167.1	191.6	219.4	251.0	287.3	330.4	379.7	435.3	498.3	574.9
-35°	137.8	159.2	182.0	206.7	234.6	267.8	305.8	347.7	394.6	450.0	511.2
-37.5°	131.5	150.7	171.7	194.3	220.1	248.7	280.4	318.4	359.1	402.1	454.5
-40°	124.7	141.9	161.8	182.6	204.8	230.2	258.9	289.9	325.2	363.0	401.6
-42.5°	117.8	134.0	151.7	170.4	190.8	213.0	236.9	264.8	293.7	325.6	359.6
-45°	111.7	125.8	141.4	158.9	176.9	196.2	217.8	240.0	265.6	291.4	320.4
-47.5°	105.4	117.6	132.1	147.1	163.5	180.6	198.7	218.9	239.1	261.9	283.9
-50°	99.0	110.4	122.3	136.1	150.4	165.5	181.5	198.5	216.6	234.7	253.9
-52.5°	92.9	103.0	113.6	125.2	138.0	151.2	165.1	179.6	195.2	210.9	226.7
-55°	86.6	95.9	105.0	115.1	126.0	137.7	149.6	162.3	174.8	188.9	201.9
-57.5°	80.7	88.7	96.6	105.1	114.7	124.6	135.1	145.6	156.9	168.1	178.8
-60°	75.1	81.5	88.4	95.7	103.3	112.1	120.8	130.1	139.6	148.8	158.2
-62.5°	69.2	74.3	80.0	86.5	93.1	99.5	107.0	114.8	122.7	130.4	138.0
-65°	62.2	66.8	71.3	76.7	82.9	88.0	93.5	99.6	106.4	112.5	118.1
-67.5°	55.0	59.0	62.7	66.4	71.1	75.7	80.2	84.9	90.0	95.5	100.3
-70°	47.1	51.1	54.4	57.4	60.0	62.8	66.4	70.0	74.2	79.3	84.1
-72.5°	39.1	42.8	45.9	48.6	50.3	51.6	53.3	55.4	59.3	64.5	69.1
-75°	31.6	34.5	37.3	39.7	40.8	40.9	40.7	41.4	45.3	50.6	55.2
-77.5°	24.4	26.8	29.0	31.0	31.5	31.4	31.1	30.4	33.3	37.9	42.6
-80°	17.6	19.1	20.8	22.4	22.8	22.6	22.1	21.2	23.5	26.8	30.3
-82.5°	11.5	12.5	13.5	14.3	14.4	14.2	13.8	13.3	15.0	17.1	19.3
-85°	5.9	5.9	6.4	6.8	7.0	7.1	6.9	6.6	7.5	8.5	9.5
-87.5°	3.0	3.0	2.9	2.8	2.7	2.5	2.3	2.1	2.1	2.2	2.3
-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: P626623 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA1B-735-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°	2.4	2.3	2.3	2.2	2.1	2.1	2.0	2.0	1.9	1.8	1.6
85°	10.6	10.8	11.0	11.1	11.1	11.4	11.8	12.1	12.3	11.2	9.9
82.5°	21.6	22.6	23.5	24.4	25.2	25.8	26.3	26.6	26.8	24.3	21.4
80°	34.0	36.1	37.9	39.6	41.2	41.6	41.6	41.4	40.9	37.4	33.5
77.5°	47.3	50.1	52.3	54.4	56.6	57.4	57.8	58.1	58.3	54.0	48.7
75°	59.3	62.6	65.7	68.6	71.2	72.6	73.5	74.1	74.7	70.3	64.6
72.5°	73.0	76.5	79.9	83.1	85.9	87.8	89.0	90.0	90.8	88.3	84.8
70°	88.1	91.8	95.3	98.6	101.8	104.3	106.3	108.0	109.4	109.7	109.5
67.5°	104.9	109.2	113.4	117.0	120.8	124.3	127.4	130.0	132.1	133.4	134.2
65°	123.7	130.2	135.9	140.8	144.9	149.6	153.7	156.9	159.1	160.8	162.3
62.5°	145.9	153.7	160.3	166.8	173.5	180.0	184.1	188.1	192.1	195.9	199.1
60°	167.2	175.8	184.7	193.0	200.7	207.8	215.1	221.5	227.2	231.9	235.5
57.5°	190.0	200.5	210.6	221.1	231.0	240.2	249.3	257.6	264.8	270.9	275.8
55°	214.7	227.4	239.5	252.8	265.8	277.6	288.5	299.7	309.7	318.6	325.6
52.5°	241.3	257.9	273.8	289.5	306.3	321.5	335.1	350.5	364.2	375.6	384.4
50°	273.0	292.6	313.6	333.0	354.2	375.1	394.3	413.0	431.2	447.0	459.8
47.5°	309.3	333.3	359.3	385.1	411.4	439.9	465.4	489.1	514.5	536.7	554.4
45°	349.5	380.1	411.6	447.8	481.2	517.9	551.8	582.3	618.4	650.2	675.9
42.5°	394.1	434.9	476.2	521.9	566.2	612.8	662.2	706.0	754.0	799.7	836.6
40°	449.4	498.1	553.6	608.8	672.5	732.2	804.2	869.6	929.0	983.5	1028.2
37.5°	510.8	573.6	643.3	715.3	802.3	887.6	971.9	1051.4	1121.7	1181.3	1231.4
35°	580.6	660.4	744.7	849.9	951.8	1054.0	1149.2	1236.1	1312.6	1379.9	1437.1
32.5°	660.9	756.7	874.7	992.8	1109.1	1221.6	1326.1	1421.0	1504.7	1580.3	1646.1
30°	745.2	876.0	1008.5	1138.0	1265.0	1388.2	1502.9	1607.4	1702.1	1786.1	1862.0
27.5°	852.5	997.3	1141.8	1281.4	1421.2	1556.1	1680.3	1796.4	1905.0	2000.1	2086.7
25°	956.2	1116.2	1269.7	1422.0	1574.2	1718.9	1857.9	1989.0	2113.4	2222.5	2319.3
22.5°	1059.9	1227.3	1391.4	1555.2	1718.6	1880.0	2036.1	2186.2	2325.4	2449.7	2558.6
20°	1155.9	1331.0	1506.5	1683.0	1860.2	2036.9	2212.1	2381.1	2536.1	2679.6	2805.6
17.5°	1242.0	1428.2	1614.3	1803.1	1995.1	2187.0	2381.6	2571.1	2748.3	2911.5	3057.7
15°	1318.3	1512.6	1712.4	1916.1	2122.4	2330.7	2543.1	2755.1	2954.6	3139.9	3303.2
12.5°	1384.9	1586.9	1796.4	2012.8	2236.7	2463.6	2695.5	2927.8	3148.6	3362.6	3538.9
10°	1440.0	1650.2	1869.1	2096.5	2332.6	2576.8	2825.6	3075.6	3319.0	3546.0	3747.5
7.5°	1482.4	1700.5	1926.1	2162.7	2410.3	2667.9	2931.4	3196.8	3456.4	3701.1	3924.0
5°	1512.4	1737.2	1965.6	2211.7	2467.9	2734.8	3008.7	3285.3	3556.7	3813.9	4045.0
2.5°	1529.8	1759.2	1988.6	2241.5	2502.1	2775.3	3056.6	3337.8	3616.4	3883.1	4120.6
0°	1534.4	1765.8	2001.8	2244.6	2512.9	2794.3	3065.5	3347.5	3637.0	3900.1	4136.8
-2.5°	1529.8	1759.2	1988.6	2241.5	2502.1	2775.3	3056.6	3337.8	3616.4	3883.1	4120.6
-5°	1512.4	1737.2	1965.6	2211.7	2467.9	2734.8	3008.7	3285.3	3556.7	3813.9	4045.0
-7.5°	1482.4	1700.5	1926.1	2162.7	2410.3	2667.9	2931.4	3196.8	3456.4	3701.1	3924.0
-10°	1440.0	1650.2	1869.1	2096.5	2332.6	2576.8	2825.6	3075.6	3319.0	3546.0	3747.5
-12.5°	1384.9	1586.9	1796.4	2012.8	2236.7	2463.6	2695.5	2927.8	3148.6	3362.6	3538.9
-15°	1318.3	1512.6	1712.4	1916.1	2122.4	2330.7	2543.1	2755.1	2954.6	3139.9	3303.2
-17.5°	1242.0	1428.2	1614.3	1803.1	1995.1	2187.0	2381.6	2571.1	2748.3	2911.5	3057.7
-20°	1155.9	1331.0	1506.5	1683.0	1860.2	2036.9	2212.1	2381.1	2536.1	2679.6	2805.6



REPORT NUMBER: P626623 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA1B-735-U-WR-XX

CANDELA DISTRIBUTION (continued):

	-35°	-32.5°	-30°	-27.5°	-25°	-22.5°	-20°	-17.5°	-15°	-12.5°	-10°
-22.5°	1059.9	1227.3	1391.4	1555.2	1718.6	1880.0	2036.1	2186.2	2325.4	2449.7	2558.6
-25°	956.2	1116.2	1269.7	1422.0	1574.2	1718.9	1857.9	1989.0	2113.4	2222.5	2319.3
-27.5°	852.5	997.3	1141.8	1281.4	1421.2	1556.1	1680.3	1796.4	1905.0	2000.1	2086.7
-30°	745.2	876.0	1008.5	1138.0	1265.0	1388.2	1502.9	1607.4	1702.1	1786.1	1862.0
-32.5°	660.9	756.7	874.7	992.8	1109.1	1221.6	1326.1	1421.0	1504.7	1580.3	1646.1
-35°	580.6	660.4	744.7	849.9	951.8	1054.0	1149.2	1236.1	1312.6	1379.9	1437.1
-37.5°	510.8	573.6	643.3	715.3	802.3	887.6	971.9	1051.4	1121.7	1181.3	1231.4
-40°	449.4	498.1	553.6	608.8	672.5	732.2	804.2	869.6	929.0	983.5	1028.2
-42.5°	394.1	434.9	476.2	521.9	566.2	612.8	662.2	706.0	754.0	799.7	836.6
-45°	349.5	380.1	411.6	447.8	481.2	517.9	551.8	582.3	618.4	650.2	675.9
-47.5°	309.3	333.3	359.3	385.1	411.4	439.9	465.4	489.1	514.5	536.7	554.4
-50°	273.0	292.6	313.6	333.0	354.2	375.1	394.3	413.0	431.2	447.0	459.8
-52.5°	241.3	257.9	273.8	289.5	306.3	321.5	335.1	350.5	364.2	375.6	384.4
-55°	214.7	227.4	239.5	252.8	265.8	277.6	288.5	299.7	309.7	318.6	325.6
-57.5°	190.0	200.5	210.6	221.1	231.0	240.2	249.3	257.6	264.8	270.9	275.8
-60°	167.2	175.8	184.7	193.0	200.7	207.8	215.1	221.5	227.2	231.9	235.5
-62.5°	145.9	153.7	160.3	166.8	173.5	180.0	184.1	188.1	192.1	195.9	199.1
-65°	123.7	130.2	135.9	140.8	144.9	149.6	153.7	156.9	159.1	160.8	162.3
-67.5°	104.9	109.2	113.4	117.0	120.8	124.3	127.4	130.0	132.1	133.4	134.2
-70°	88.1	91.8	95.3	98.6	101.8	104.3	106.3	108.0	109.4	109.7	109.5
-72.5°	73.0	76.5	79.9	83.1	85.9	87.8	89.0	90.0	90.8	88.3	84.8
-75°	59.3	62.6	65.7	68.6	71.2	72.6	73.5	74.1	74.7	70.3	64.6
-77.5°	47.3	50.1	52.3	54.4	56.6	57.4	57.8	58.1	58.3	54.0	48.7
-80°	34.0	36.1	37.9	39.6	41.2	41.6	41.6	41.4	40.9	37.4	33.5
-82.5°	21.6	22.6	23.5	24.4	25.2	25.8	26.3	26.6	26.8	24.3	21.4
-85°	10.6	10.8	11.0	11.1	11.1	11.4	11.8	12.1	12.3	11.2	9.9
-87.5°	2.4	2.3	2.3	2.2	2.1	2.1	2.0	2.0	1.9	1.8	1.6
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



REPORT NUMBER: P626623 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA1B-735-U-WR-XX

CANDELA DISTRIBUTION (continued):

	-7.5°	-5°	-2.5°	0°	2.5°	5°	7.5°	10°	12.5°	15°	17.5°
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
87.5°	1.5	1.3	1.1	1.0	1.1	1.3	1.5	1.6	1.8	1.9	2.0
85°	8.6	7.2	7.0	6.9	7.0	7.2	8.6	9.9	11.2	12.3	12.1
82.5°	18.4	15.3	14.8	14.4	14.8	15.3	18.4	21.4	24.3	26.8	26.6
80°	29.3	25.1	24.3	23.5	24.3	25.1	29.3	33.5	37.4	40.9	41.4
77.5°	43.1	37.3	35.5	33.9	35.5	37.3	43.1	48.7	54.0	58.3	58.1
75°	58.7	52.6	50.5	48.6	50.5	52.6	58.7	64.6	70.3	74.7	74.1
72.5°	81.2	77.4	73.6	69.5	73.6	77.4	81.2	84.8	88.3	90.8	90.0
70°	109.4	109.1	108.2	106.7	108.2	109.1	109.4	109.5	109.7	109.4	108.0
67.5°	134.5	134.4	134.7	134.8	134.7	134.4	134.5	134.2	133.4	132.1	130.0
65°	163.2	163.5	164.2	164.5	164.2	163.5	163.2	162.3	160.8	159.1	156.9
62.5°	201.6	203.3	204.1	204.0	204.1	203.3	201.6	199.1	195.9	192.1	188.1
60°	238.1	239.8	240.9	241.2	240.9	239.8	238.1	235.5	231.9	227.2	221.5
57.5°	279.7	282.5	284.1	284.3	284.1	282.5	279.7	275.8	270.9	264.8	257.6
55°	330.9	334.7	336.4	336.2	336.4	334.7	330.9	325.6	318.6	309.7	299.7
52.5°	391.1	395.6	399.0	401.1	399.0	395.6	391.1	384.4	375.6	364.2	350.5
50°	469.3	475.9	480.0	481.8	480.0	475.9	469.3	459.8	447.0	431.2	413.0
47.5°	567.2	575.9	582.4	586.9	582.4	575.9	567.2	554.4	536.7	514.5	489.1
45°	694.8	708.1	717.1	722.3	717.1	708.1	694.8	675.9	650.2	618.4	582.3
42.5°	865.4	886.0	898.6	903.5	898.6	886.0	865.4	836.6	799.7	754.0	706.0
40°	1063.4	1088.2	1104.4	1115.6	1104.4	1088.2	1063.4	1028.2	983.5	929.0	869.6
37.5°	1269.8	1295.8	1311.5	1322.2	1311.5	1295.8	1269.8	1231.4	1181.3	1121.7	1051.4
35°	1480.2	1507.4	1522.2	1530.5	1522.2	1507.4	1480.2	1437.1	1379.9	1312.6	1236.1
32.5°	1696.2	1726.2	1742.3	1759.0	1742.3	1726.2	1696.2	1646.1	1580.3	1504.7	1421.0
30°	1921.8	1956.2	1973.1	1981.2	1973.1	1956.2	1921.8	1862.0	1786.1	1702.1	1607.4
27.5°	2156.6	2199.5	2220.6	2234.5	2220.6	2199.5	2156.6	2086.7	2000.1	1905.0	1796.4
25°	2401.0	2454.1	2478.3	2499.9	2478.3	2454.1	2401.0	2319.3	2222.5	2113.4	1989.0
22.5°	2654.5	2720.6	2748.6	2763.9	2748.6	2720.6	2654.5	2558.6	2449.7	2325.4	2186.2
20°	2914.5	2993.5	3032.5	3052.5	3032.5	2993.5	2914.5	2805.6	2679.6	2536.1	2381.1
17.5°	3180.5	3278.8	3329.1	3340.7	3329.1	3278.8	3180.5	3057.7	2911.5	2748.3	2571.1
15°	3441.6	3547.9	3607.4	3629.2	3607.4	3547.9	3441.6	3303.2	3139.9	2954.6	2755.1
12.5°	3688.9	3799.1	3870.2	3882.8	3870.2	3799.1	3688.9	3538.9	3362.6	3148.6	2927.8
10°	3913.1	4027.3	4105.8	4123.7	4105.8	4027.3	3913.1	3747.5	3546.0	3319.0	3075.6
7.5°	4100.6	4225.9	4312.6	4327.7	4312.6	4225.9	4100.6	3924.0	3701.1	3456.4	3196.8
5°	4237.8	4386.5	4457.7	4475.6	4457.7	4386.5	4237.8	4045.0	3813.9	3556.7	3285.3
2.5°	4313.0	4464.4	4563.4	4551.9	4563.4	4464.4	4313.0	4120.6	3883.1	3616.4	3337.8
0°	4321.5	4479.8	4574.5	4618.2	4574.5	4479.8	4321.5	4136.8	3900.1	3637.0	3347.5
-2.5°	4313.0	4464.4	4563.4	4551.9	4563.4	4464.4	4313.0	4120.6	3883.1	3616.4	3337.8
-5°	4237.8	4386.5	4457.7	4475.6	4457.7	4386.5	4237.8	4045.0	3813.9	3556.7	3285.3
-7.5°	4100.6	4225.9	4312.6	4327.7	4312.6	4225.9	4100.6	3924.0	3701.1	3456.4	3196.8
-10°	3913.1	4027.3	4105.8	4123.7	4105.8	4027.3	3913.1	3747.5	3546.0	3319.0	3075.6
-12.5°	3688.9	3799.1	3870.2	3882.8	3870.2	3799.1	3688.9	3538.9	3362.6	3148.6	2927.8
-15°	3441.6	3547.9	3607.4	3629.2	3607.4	3547.9	3441.6	3303.2	3139.9	2954.6	2755.1
-17.5°	3180.5	3278.8	3329.1	3340.7	3329.1	3278.8	3180.5	3057.7	2911.5	2748.3	2571.1
-20°	2914.5	2993.5	3032.5	3052.5	3032.5	2993.5	2914.5	2805.6	2679.6	2536.1	2381.1



REPORT NUMBER: P626623 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA1B-735-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°	2654.5	2720.6	2748.6	2763.9	2748.6	2720.6	2654.5	2558.6	2449.7	2325.4	2186.2
-25°	2401.0	2454.1	2478.3	2499.9	2478.3	2454.1	2401.0	2319.3	2222.5	2113.4	1989.0
-27.5°	2156.6	2199.5	2220.6	2234.5	2220.6	2199.5	2156.6	2086.7	2000.1	1905.0	1796.4
-30°	1921.8	1956.2	1973.1	1981.2	1973.1	1956.2	1921.8	1862.0	1786.1	1702.1	1607.4
-32.5°	1696.2	1726.2	1742.3	1759.0	1742.3	1726.2	1696.2	1646.1	1580.3	1504.7	1421.0
-35°	1480.2	1507.4	1522.2	1530.5	1522.2	1507.4	1480.2	1437.1	1379.9	1312.6	1236.1
-37.5°	1269.8	1295.8	1311.5	1322.2	1311.5	1295.8	1269.8	1231.4	1181.3	1121.7	1051.4
-40°	1063.4	1088.2	1104.4	1115.6	1104.4	1088.2	1063.4	1028.2	983.5	929.0	869.6
-42.5°	865.4	886.0	898.6	903.5	898.6	886.0	865.4	836.6	799.7	754.0	706.0
-45°	694.8	708.1	717.1	722.3	717.1	708.1	694.8	675.9	650.2	618.4	582.3
-47.5°	567.2	575.9	582.4	586.9	582.4	575.9	567.2	554.4	536.7	514.5	489.1
-50°	469.3	475.9	480.0	481.8	480.0	475.9	469.3	459.8	447.0	431.2	413.0
-52.5°	391.1	395.6	399.0	401.1	399.0	395.6	391.1	384.4	375.6	364.2	350.5
-55°	330.9	334.7	336.4	336.2	336.4	334.7	330.9	325.6	318.6	309.7	299.7
-57.5°	279.7	282.5	284.1	284.3	284.1	282.5	279.7	275.8	270.9	264.8	257.6
-60°	238.1	239.8	240.9	241.2	240.9	239.8	238.1	235.5	231.9	227.2	221.5
-62.5°	201.6	203.3	204.1	204.0	204.1	203.3	201.6	199.1	195.9	192.1	188.1
-65°	163.2	163.5	164.2	164.5	164.2	163.5	163.2	162.3	160.8	159.1	156.9
-67.5°	134.5	134.4	134.7	134.8	134.7	134.4	134.5	134.2	133.4	132.1	130.0
-70°	109.4	109.1	108.2	106.7	108.2	109.1	109.4	109.5	109.7	109.4	108.0
-72.5°	81.2	77.4	73.6	69.5	73.6	77.4	81.2	84.8	88.3	90.8	90.0
-75°	58.7	52.6	50.5	48.6	50.5	52.6	58.7	64.6	70.3	74.7	74.1
-77.5°	43.1	37.3	35.5	33.9	35.5	37.3	43.1	48.7	54.0	58.3	58.1
-80°	29.3	25.1	24.3	23.5	24.3	25.1	29.3	33.5	37.4	40.9	41.4
-82.5°	18.4	15.3	14.8	14.4	14.8	15.3	18.4	21.4	24.3	26.8	26.6
-85°	8.6	7.2	7.0	6.9	7.0	7.2	8.6	9.9	11.2	12.3	12.1
-87.5°	1.5	1.3	1.1	1.0	1.1	1.3	1.5	1.6	1.8	1.9	2.0
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



REPORT NUMBER: P626623 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA1B-735-U-WR-XX

CANDELA DISTRIBUTION (continued):

	20°	22.5°	25°	27.5°	30°	32.5°	35°	37.5°	40°	42.5°	45°
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
87.5°	2.0	2.1	2.1	2.2	2.3	2.3	2.4	2.3	2.2	2.1	2.1
85°	11.8	11.4	11.1	11.1	11.0	10.8	10.6	9.5	8.5	7.5	6.6
82.5°	26.3	25.8	25.2	24.4	23.5	22.6	21.6	19.3	17.1	15.0	13.3
80°	41.6	41.6	41.2	39.6	37.9	36.1	34.0	30.3	26.8	23.5	21.2
77.5°	57.8	57.4	56.6	54.4	52.3	50.1	47.3	42.6	37.9	33.3	30.4
75°	73.5	72.6	71.2	68.6	65.7	62.6	59.3	55.2	50.6	45.3	41.4
72.5°	89.0	87.8	85.9	83.1	79.9	76.5	73.0	69.1	64.5	59.3	55.4
70°	106.3	104.3	101.8	98.6	95.3	91.8	88.1	84.1	79.3	74.2	70.0
67.5°	127.4	124.3	120.8	117.0	113.4	109.2	104.9	100.3	95.5	90.0	84.9
65°	153.7	149.6	144.9	140.8	135.9	130.2	123.7	118.1	112.5	106.4	99.6
62.5°	184.1	180.0	173.5	166.8	160.3	153.7	145.9	138.0	130.4	122.7	114.8
60°	215.1	207.8	200.7	193.0	184.7	175.8	167.2	158.2	148.8	139.6	130.1
57.5°	249.3	240.2	231.0	221.1	210.6	200.5	190.0	178.8	168.1	156.9	145.6
55°	288.5	277.6	265.8	252.8	239.5	227.4	214.7	201.9	188.9	174.8	162.3
52.5°	335.1	321.5	306.3	289.5	273.8	257.9	241.3	226.7	210.9	195.2	179.6
50°	394.3	375.1	354.2	333.0	313.6	292.6	273.0	253.9	234.7	216.6	198.5
47.5°	465.4	439.9	411.4	385.1	359.3	333.3	309.3	283.9	261.9	239.1	218.9
45°	551.8	517.9	481.2	447.8	411.6	380.1	349.5	320.4	291.4	265.6	240.0
42.5°	662.2	612.8	566.2	521.9	476.2	434.9	394.1	359.6	325.6	293.7	264.8
40°	804.2	732.2	672.5	608.8	553.6	498.1	449.4	401.6	363.0	325.2	289.9
37.5°	971.9	887.6	802.3	715.3	643.3	573.6	510.8	454.5	402.1	359.1	318.4
35°	1149.2	1054.0	951.8	849.9	744.7	660.4	580.6	511.2	450.0	394.6	347.7
32.5°	1326.1	1221.6	1109.1	992.8	874.7	756.7	660.9	574.9	498.3	435.3	379.7
30°	1502.9	1388.2	1265.0	1138.0	1008.5	876.0	745.2	644.8	554.9	475.8	411.9
27.5°	1680.3	1556.1	1421.2	1281.4	1141.8	997.3	852.5	717.0	611.9	522.6	447.3
25°	1857.9	1718.9	1574.2	1422.0	1269.7	1116.2	956.2	805.1	675.9	569.3	479.9
22.5°	2036.1	1880.0	1718.6	1555.2	1391.4	1227.3	1059.9	891.5	736.5	616.9	518.0
20°	2212.1	2036.9	1860.2	1683.0	1506.5	1331.0	1155.9	976.1	807.7	666.1	553.5
17.5°	2381.6	2187.0	1995.1	1803.1	1614.3	1428.2	1242.0	1054.3	871.3	709.9	584.9
15°	2543.1	2330.7	2122.4	1916.1	1712.4	1512.6	1318.3	1122.8	929.1	755.6	619.4
12.5°	2695.5	2463.6	2236.7	2012.8	1796.4	1586.9	1384.9	1183.1	983.6	800.2	650.1
10°	2825.6	2576.8	2332.6	2096.5	1869.1	1650.2	1440.0	1234.0	1030.3	837.2	675.2
7.5°	2931.4	2667.9	2410.3	2162.7	1926.1	1700.5	1482.4	1273.1	1067.3	866.2	694.6
5°	3008.7	2734.8	2467.9	2211.7	1965.6	1737.2	1512.4	1299.9	1094.1	886.8	708.2
2.5°	3056.6	2775.3	2502.1	2241.5	1988.6	1759.2	1529.8	1316.0	1109.4	898.1	716.7
0°	3065.5	2794.3	2512.9	2244.6	2001.8	1765.8	1534.4	1321.9	1113.3	900.5	719.4
-2.5°	3056.6	2775.3	2502.1	2241.5	1988.6	1759.2	1529.8	1316.0	1109.4	898.1	716.7
-5°	3008.7	2734.8	2467.9	2211.7	1965.6	1737.2	1512.4	1299.9	1094.1	886.8	708.2
-7.5°	2931.4	2667.9	2410.3	2162.7	1926.1	1700.5	1482.4	1273.1	1067.3	866.2	694.6
-10°	2825.6	2576.8	2332.6	2096.5	1869.1	1650.2	1440.0	1234.0	1030.3	837.2	675.2
-12.5°	2695.5	2463.6	2236.7	2012.8	1796.4	1586.9	1384.9	1183.1	983.6	800.2	650.1
-15°	2543.1	2330.7	2122.4	1916.1	1712.4	1512.6	1318.3	1122.8	929.1	755.6	619.4
-17.5°	2381.6	2187.0	1995.1	1803.1	1614.3	1428.2	1242.0	1054.3	871.3	709.9	584.9
-20°	2212.1	2036.9	1860.2	1683.0	1506.5	1331.0	1155.9	976.1	807.7	666.1	553.5



REPORT NUMBER: P626623 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA1B-735-U-WR-XX

CANDELA DISTRIBUTION (continued):

	20°	22.5°	25°	27.5°	30°	32.5°	35°	37.5°	40°	42.5°	45°
-22.5°	2036.1	1880.0	1718.6	1555.2	1391.4	1227.3	1059.9	891.5	736.5	616.9	518.0
-25°	1857.9	1718.9	1574.2	1422.0	1269.7	1116.2	956.2	805.1	675.9	569.3	479.9
-27.5°	1680.3	1556.1	1421.2	1281.4	1141.8	997.3	852.5	717.0	611.9	522.6	447.3
-30°	1502.9	1388.2	1265.0	1138.0	1008.5	876.0	745.2	644.8	554.9	475.8	411.9
-32.5°	1326.1	1221.6	1109.1	992.8	874.7	756.7	660.9	574.9	498.3	435.3	379.7
-35°	1149.2	1054.0	951.8	849.9	744.7	660.4	580.6	511.2	450.0	394.6	347.7
-37.5°	971.9	887.6	802.3	715.3	643.3	573.6	510.8	454.5	402.1	359.1	318.4
-40°	804.2	732.2	672.5	608.8	553.6	498.1	449.4	401.6	363.0	325.2	289.9
-42.5°	662.2	612.8	566.2	521.9	476.2	434.9	394.1	359.6	325.6	293.7	264.8
-45°	551.8	517.9	481.2	447.8	411.6	380.1	349.5	320.4	291.4	265.6	240.0
-47.5°	465.4	439.9	411.4	385.1	359.3	333.3	309.3	283.9	261.9	239.1	218.9
-50°	394.3	375.1	354.2	333.0	313.6	292.6	273.0	253.9	234.7	216.6	198.5
-52.5°	335.1	321.5	306.3	289.5	273.8	257.9	241.3	226.7	210.9	195.2	179.6
-55°	288.5	277.6	265.8	252.8	239.5	227.4	214.7	201.9	188.9	174.8	162.3
-57.5°	249.3	240.2	231.0	221.1	210.6	200.5	190.0	178.8	168.1	156.9	145.6
-60°	215.1	207.8	200.7	193.0	184.7	175.8	167.2	158.2	148.8	139.6	130.1
-62.5°	184.1	180.0	173.5	166.8	160.3	153.7	145.9	138.0	130.4	122.7	114.8
-65°	153.7	149.6	144.9	140.8	135.9	130.2	123.7	118.1	112.5	106.4	99.6
-67.5°	127.4	124.3	120.8	117.0	113.4	109.2	104.9	100.3	95.5	90.0	84.9
-70°	106.3	104.3	101.8	98.6	95.3	91.8	88.1	84.1	79.3	74.2	70.0
-72.5°	89.0	87.8	85.9	83.1	79.9	76.5	73.0	69.1	64.5	59.3	55.4
-75°	73.5	72.6	71.2	68.6	65.7	62.6	59.3	55.2	50.6	45.3	41.4
-77.5°	57.8	57.4	56.6	54.4	52.3	50.1	47.3	42.6	37.9	33.3	30.4
-80°	41.6	41.6	41.2	39.6	37.9	36.1	34.0	30.3	26.8	23.5	21.2
-82.5°	26.3	25.8	25.2	24.4	23.5	22.6	21.6	19.3	17.1	15.0	13.3
-85°	11.8	11.4	11.1	11.1	11.0	10.8	10.6	9.5	8.5	7.5	6.6
-87.5°	2.0	2.1	2.1	2.2	2.3	2.3	2.4	2.3	2.2	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: P626623 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA1B-735-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°	2.3	2.5	2.7	2.8	2.9	3.0	3.0	2.9	2.8	2.6	2.4
85°	6.9	7.1	7.0	6.8	6.4	5.9	5.9	5.8	5.6	5.3	4.9
82.5°	13.8	14.2	14.4	14.3	13.5	12.5	11.5	10.5	9.3	8.1	7.3
80°	22.1	22.6	22.8	22.4	20.8	19.1	17.6	16.1	14.6	12.9	11.1
77.5°	31.1	31.4	31.5	31.0	29.0	26.8	24.4	22.0	19.9	17.8	15.5
75°	40.7	40.9	40.8	39.7	37.3	34.5	31.6	28.6	25.5	22.7	19.9
72.5°	53.3	51.6	50.3	48.6	45.9	42.8	39.1	35.1	31.2	27.6	24.2
70°	66.4	62.8	60.0	57.4	54.4	51.1	47.1	42.0	36.8	32.4	28.3
67.5°	80.2	75.7	71.1	66.4	62.7	59.0	55.0	48.8	42.6	37.2	32.3
65°	93.5	88.0	82.9	76.7	71.3	66.8	62.2	55.3	48.2	41.8	36.3
62.5°	107.0	99.5	93.1	86.5	80.0	74.3	69.2	61.3	53.6	46.3	40.0
60°	120.8	112.1	103.3	95.7	88.4	81.5	75.1	67.1	58.7	50.6	43.5
57.5°	135.1	124.6	114.7	105.1	96.6	88.7	80.7	72.5	63.7	54.9	46.7
55°	149.6	137.7	126.0	115.1	105.0	95.9	86.6	77.6	68.5	59.2	49.3
52.5°	165.1	151.2	138.0	125.2	113.6	103.0	92.9	82.7	73.1	63.2	52.0
50°	181.5	165.5	150.4	136.1	122.3	110.4	99.0	88.2	77.6	67.1	54.6
47.5°	198.7	180.6	163.5	147.1	132.1	117.6	105.4	93.6	81.9	71.0	57.0
45°	217.8	196.2	176.9	158.9	141.4	125.8	111.7	98.8	86.6	73.8	59.1
42.5°	236.9	213.0	190.8	170.4	151.7	134.0	117.8	104.2	91.1	76.3	61.2
40°	258.9	230.2	204.8	182.6	161.8	141.9	124.7	109.4	95.3	78.9	63.2
37.5°	280.4	248.7	220.1	194.3	171.7	150.7	131.5	114.4	98.6	81.6	65.0
35°	305.8	267.8	234.6	206.7	182.0	159.2	137.8	119.5	102.3	84.2	66.6
32.5°	330.4	287.3	251.0	219.4	191.6	167.1	144.5	124.7	106.0	86.7	68.1
30°	357.4	308.4	266.5	231.3	201.2	175.3	151.3	129.6	109.7	89.1	69.5
27.5°	383.3	327.9	281.5	243.9	211.4	183.0	157.5	134.1	113.4	91.6	71.2
25°	409.0	349.0	298.1	255.9	220.7	190.0	163.3	138.4	117.1	94.3	72.7
22.5°	436.9	369.3	313.0	266.8	229.1	196.4	168.8	143.1	120.5	97.0	74.1
20°	462.6	387.7	326.3	277.1	237.5	203.3	173.9	147.3	123.5	99.5	75.2
17.5°	486.8	406.4	341.2	288.3	245.5	209.4	178.5	151.0	126.2	101.7	76.1
15°	512.2	425.0	354.5	297.9	252.3	214.6	182.4	154.1	128.5	103.8	77.0
12.5°	533.9	440.7	365.8	306.0	258.1	219.0	185.6	156.8	130.4	105.5	77.8
10°	551.8	453.5	374.9	312.6	262.8	222.6	188.2	158.9	132.0	106.9	78.2
7.5°	565.7	463.2	381.7	317.6	266.3	225.3	190.4	160.6	133.3	107.8	78.3
5°	575.4	470.0	386.8	321.1	269.0	227.3	191.9	161.7	134.1	108.3	78.1
2.5°	580.5	473.9	389.8	322.9	270.5	228.3	192.7	162.2	134.5	108.4	77.5
0°	581.3	474.6	390.7	323.1	270.9	228.5	192.9	162.2	134.5	108.0	76.7
-2.5°	580.5	473.9	389.8	322.9	270.5	228.3	192.7	162.2	134.5	108.4	77.5
-5°	575.4	470.0	386.8	321.1	269.0	227.3	191.9	161.7	134.1	108.3	78.1
-7.5°	565.7	463.2	381.7	317.6	266.3	225.3	190.4	160.6	133.3	107.8	78.3
-10°	551.8	453.5	374.9	312.6	262.8	222.6	188.2	158.9	132.0	106.9	78.2
-12.5°	533.9	440.7	365.8	306.0	258.1	219.0	185.6	156.8	130.4	105.5	77.8
-15°	512.2	425.0	354.5	297.9	252.3	214.6	182.4	154.1	128.5	103.8	77.0
-17.5°	486.8	406.4	341.2	288.3	245.5	209.4	178.5	151.0	126.2	101.7	76.1
-20°	462.6	387.7	326.3	277.1	237.5	203.3	173.9	147.3	123.5	99.5	75.2

Classified

Cooper Lighting Solutions Photometric Lab
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Scaled Data Report



REPORT NUMBER: P626623 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA1B-735-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°	436.9	369.3	313.0	266.8	229.1	196.4	168.8	143.1	120.5	97.0	74.1
-25°	409.0	349.0	298.1	255.9	220.7	190.0	163.3	138.4	117.1	94.3	72.7
-27.5°	383.3	327.9	281.5	243.9	211.4	183.0	157.5	134.1	113.4	91.6	71.2
-30°	357.4	308.4	266.5	231.3	201.2	175.3	151.3	129.6	109.7	89.1	69.5
-32.5°	330.4	287.3	251.0	219.4	191.6	167.1	144.5	124.7	106.0	86.7	68.1
-35°	305.8	267.8	234.6	206.7	182.0	159.2	137.8	119.5	102.3	84.2	66.6
-37.5°	280.4	248.7	220.1	194.3	171.7	150.7	131.5	114.4	98.6	81.6	65.0
-40°	258.9	230.2	204.8	182.6	161.8	141.9	124.7	109.4	95.3	78.9	63.2
-42.5°	236.9	213.0	190.8	170.4	151.7	134.0	117.8	104.2	91.1	76.3	61.2
-45°	217.8	196.2	176.9	158.9	141.4	125.8	111.7	98.8	86.6	73.8	59.1
-47.5°	198.7	180.6	163.5	147.1	132.1	117.6	105.4	93.6	81.9	71.0	57.0
-50°	181.5	165.5	150.4	136.1	122.3	110.4	99.0	88.2	77.6	67.1	54.6
-52.5°	165.1	151.2	138.0	125.2	113.6	103.0	92.9	82.7	73.1	63.2	52.0
-55°	149.6	137.7	126.0	115.1	105.0	95.9	86.6	77.6	68.5	59.2	49.3
-57.5°	135.1	124.6	114.7	105.1	96.6	88.7	80.7	72.5	63.7	54.9	46.7
-60°	120.8	112.1	103.3	95.7	88.4	81.5	75.1	67.1	58.7	50.6	43.5
-62.5°	107.0	99.5	93.1	86.5	80.0	74.3	69.2	61.3	53.6	46.3	40.0
-65°	93.5	88.0	82.9	76.7	71.3	66.8	62.2	55.3	48.2	41.8	36.3
-67.5°	80.2	75.7	71.1	66.4	62.7	59.0	55.0	48.8	42.6	37.2	32.3
-70°	66.4	62.8	60.0	57.4	54.4	51.1	47.1	42.0	36.8	32.4	28.3
-72.5°	53.3	51.6	50.3	48.6	45.9	42.8	39.1	35.1	31.2	27.6	24.2
-75°	40.7	40.9	40.8	39.7	37.3	34.5	31.6	28.6	25.5	22.7	19.9
-77.5°	31.1	31.4	31.5	31.0	29.0	26.8	24.4	22.0	19.9	17.8	15.5
-80°	22.1	22.6	22.8	22.4	20.8	19.1	17.6	16.1	14.6	12.9	11.1
-82.5°	13.8	14.2	14.4	14.3	13.5	12.5	11.5	10.5	9.3	8.1	7.3
-85°	6.9	7.1	7.0	6.8	6.4	5.9	5.9	5.8	5.6	5.3	4.9
-87.5°	2.3	2.5	2.7	2.8	2.9	3.0	3.0	2.9	2.8	2.6	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

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REPORT NUMBER: P626623 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA1B-735-U-WR-XX

CANDELA DISTRIBUTION (continued):

	75°	77.5°	80°	82.5°	85°	87.5°	90°
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0
87.5°	2.2	1.7	1.3	0.9	0.5	0.2	0.0
85°	4.4	3.4	2.5	1.8	1.1	0.5	0.0
82.5°	6.6	5.1	3.8	2.6	1.6	0.7	0.0
80°	8.9	6.8	5.1	3.5	2.1	0.9	0.0
77.5°	12.7	8.8	6.3	4.4	2.7	1.2	0.0
75°	16.4	11.5	7.6	5.2	3.2	1.4	0.0
72.5°	20.0	14.2	9.4	6.0	3.7	1.6	0.0
70°	23.3	16.7	11.2	6.9	4.2	1.8	0.0
67.5°	26.3	19.1	12.8	8.0	4.6	2.0	0.0
65°	29.1	21.3	14.4	9.0	5.1	2.2	0.0
62.5°	31.7	23.3	15.9	9.9	5.6	2.5	0.0
60°	34.2	25.2	17.3	10.9	6.0	2.6	0.0
57.5°	36.5	27.0	18.6	11.7	6.5	2.8	0.0
55°	38.5	28.6	19.9	12.5	7.0	3.0	0.0
52.5°	40.4	30.1	21.0	13.2	7.5	3.2	0.0
50°	42.2	31.5	22.0	13.9	7.9	3.4	0.0
47.5°	43.8	32.8	22.9	14.5	8.4	3.5	0.0
45°	45.6	33.9	23.7	15.0	8.8	3.7	0.0
42.5°	47.2	34.8	24.4	15.6	9.2	3.8	0.0
40°	48.6	35.6	25.0	16.1	9.6	3.9	0.0
37.5°	49.8	36.3	25.6	16.7	9.9	4.0	0.0
35°	50.7	37.0	26.0	17.3	10.2	4.1	0.0
32.5°	51.7	37.8	26.4	17.8	10.5	4.2	0.0
30°	52.7	38.3	26.6	18.2	10.8	4.3	0.0
27.5°	53.5	38.7	27.2	18.6	11.0	4.4	0.0
25°	54.2	38.9	27.8	18.9	11.2	4.5	0.0
22.5°	54.6	39.2	28.2	19.2	11.4	4.5	0.0
20°	54.9	39.9	28.7	19.5	11.6	4.6	0.0
17.5°	55.5	40.5	29.0	19.6	11.7	4.6	0.0
15°	56.2	41.0	29.3	19.8	11.8	4.6	0.0
12.5°	56.8	41.3	29.5	19.9	11.9	4.7	0.0
10°	57.1	41.5	29.6	19.9	11.9	4.7	0.0
7.5°	57.2	41.6	29.7	19.9	11.9	4.7	0.0
5°	57.2	41.5	29.7	19.9	11.9	4.7	0.0
2.5°	56.9	41.4	29.6	19.7	11.9	4.6	0.0
0°	56.5	41.1	29.4	19.6	11.8	4.6	0.0
-2.5°	56.9	41.4	29.6	19.7	11.9	4.6	0.0
-5°	57.2	41.5	29.7	19.9	11.9	4.7	0.0
-7.5°	57.2	41.6	29.7	19.9	11.9	4.7	0.0
-10°	57.1	41.5	29.6	19.9	11.9	4.7	0.0
-12.5°	56.8	41.3	29.5	19.9	11.9	4.7	0.0
-15°	56.2	41.0	29.3	19.8	11.8	4.6	0.0
-17.5°	55.5	40.5	29.0	19.6	11.7	4.6	0.0
-20°	54.9	39.9	28.7	19.5	11.6	4.6	0.0

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CATALOG NUMBER: GFLD-SA1B-735-U-WR-XX

CANDELA DISTRIBUTION (continued):

	75°	77.5°	80°	82.5°	85°	87.5°	90°
-22.5°	54.6	39.2	28.2	19.2	11.4	4.5	0.0
-25°	54.2	38.9	27.8	18.9	11.2	4.5	0.0
-27.5°	53.5	38.7	27.2	18.6	11.0	4.4	0.0
-30°	52.7	38.3	26.6	18.2	10.8	4.3	0.0
-32.5°	51.7	37.8	26.4	17.8	10.5	4.2	0.0
-35°	50.7	37.0	26.0	17.3	10.2	4.1	0.0
-37.5°	49.8	36.3	25.6	16.7	9.9	4.0	0.0
-40°	48.6	35.6	25.0	16.1	9.6	3.9	0.0
-42.5°	47.2	34.8	24.4	15.6	9.2	3.8	0.0
-45°	45.6	33.9	23.7	15.0	8.8	3.7	0.0
-47.5°	43.8	32.8	22.9	14.5	8.4	3.5	0.0
-50°	42.2	31.5	22.0	13.9	7.9	3.4	0.0
-52.5°	40.4	30.1	21.0	13.2	7.5	3.2	0.0
-55°	38.5	28.6	19.9	12.5	7.0	3.0	0.0
-57.5°	36.5	27.0	18.6	11.7	6.5	2.8	0.0
-60°	34.2	25.2	17.3	10.9	6.0	2.6	0.0
-62.5°	31.7	23.3	15.9	9.9	5.6	2.5	0.0
-65°	29.1	21.3	14.4	9.0	5.1	2.2	0.0
-67.5°	26.3	19.1	12.8	8.0	4.6	2.0	0.0
-70°	23.3	16.7	11.2	6.9	4.2	1.8	0.0
-72.5°	20.0	14.2	9.4	6.0	3.7	1.6	0.0
-75°	16.4	11.5	7.6	5.2	3.2	1.4	0.0
-77.5°	12.7	8.8	6.3	4.4	2.7	1.2	0.0
-80°	8.9	6.8	5.1	3.5	2.1	0.9	0.0
-82.5°	6.6	5.1	3.8	2.6	1.6	0.7	0.0
-85°	4.4	3.4	2.5	1.8	1.1	0.5	0.0
-87.5°	2.2	1.7	1.3	0.9	0.5	0.2	0.0
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0

(END OF REPORT)