

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: P626532 (CONVERTED FROM TYPE C PHOTOMETRY)

Luminaire Tested: **GFLD-SA1A-722-U-WR-VSR-XX**

Issue Date: 12/7/2022

Test Information

Test Method: LM-79-08
Report Number: P626532 (CONVERTED FROM TYPE C PHOTOMETRY)
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G2-2209-766-7)
Test Lab: COOPER LIGHTING SOLUTIONS
Issue Date: 12/7/2022
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: MCGRAW-EDISON
Catalog Number: GFLD-SA1A-722-U-WR-VSR-XX
Description: GALLEON FLOOD, ONE LIGHT SQAURE, WIDE SYMMETRICAL ROUND N6 WITH VISOR
Light Source: (16) 2200K CCT, 70 CRI LEDS
Ballast/Driver: -

Summary

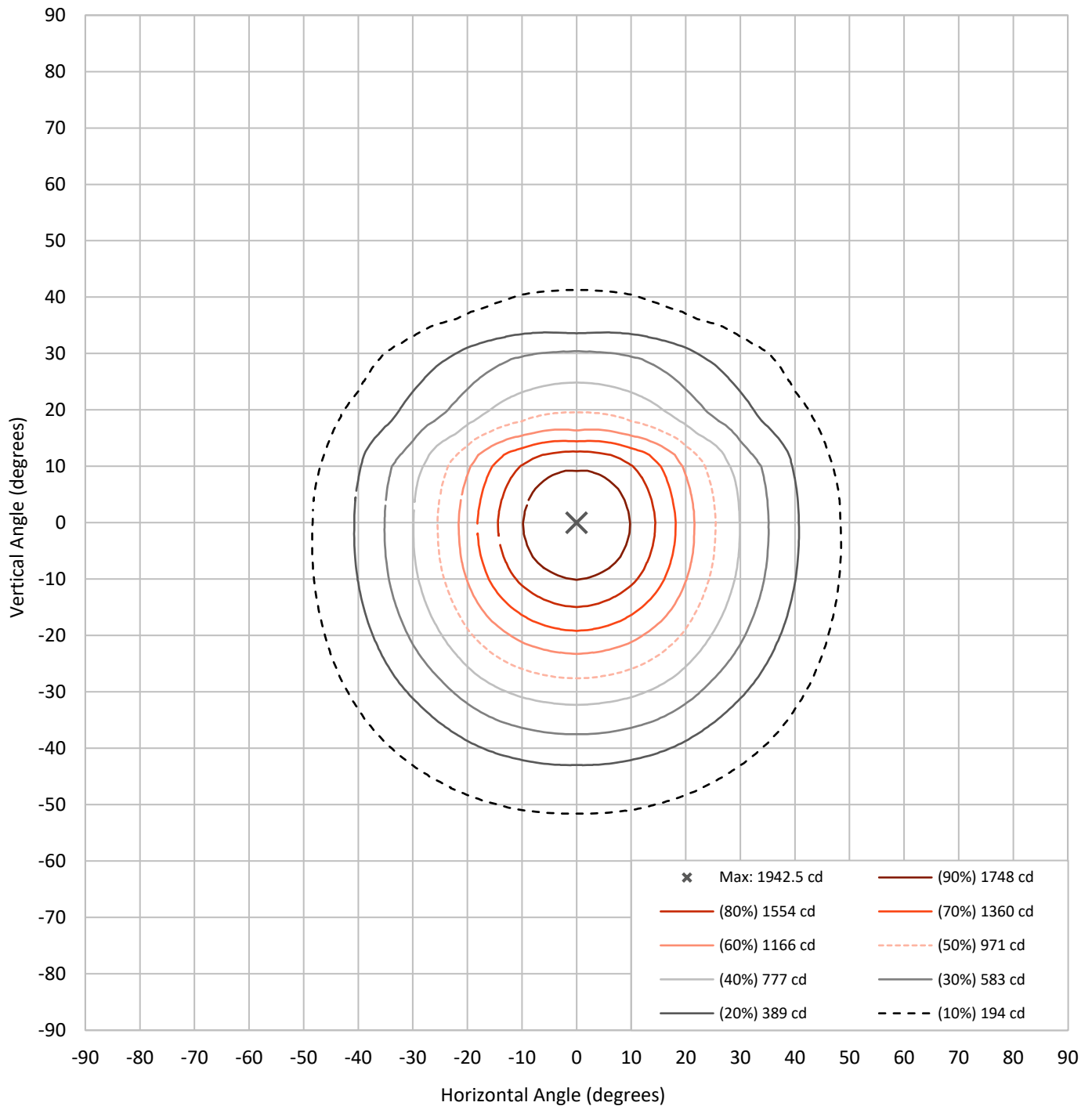
Lumens per Lamp:	N/A	NEMA Type:	5H x 5V
Luminaire Lumens:	1713.7 lumens	Max Intensity:	1942.5 candela
Efficiency:	N/A	Max Intensity Angle:	0°H x 0°V
Efficacy:	94.7 lumens/watt		
Luminous Opening:	Rectangular (W 0.5' x L: 0.5' x H: 0')		
Beam Angle (50%):	50.9°H x 47.1°V	Field Angle (10%):	96.7°H x 92.9°V
Beam Lumens:	825.1 lumens	Field Lumens:	1534.4 lumens
Beam Efficiency:	48.1%	Field Efficiency:	89.5%
Input Watts (W):	18.1		
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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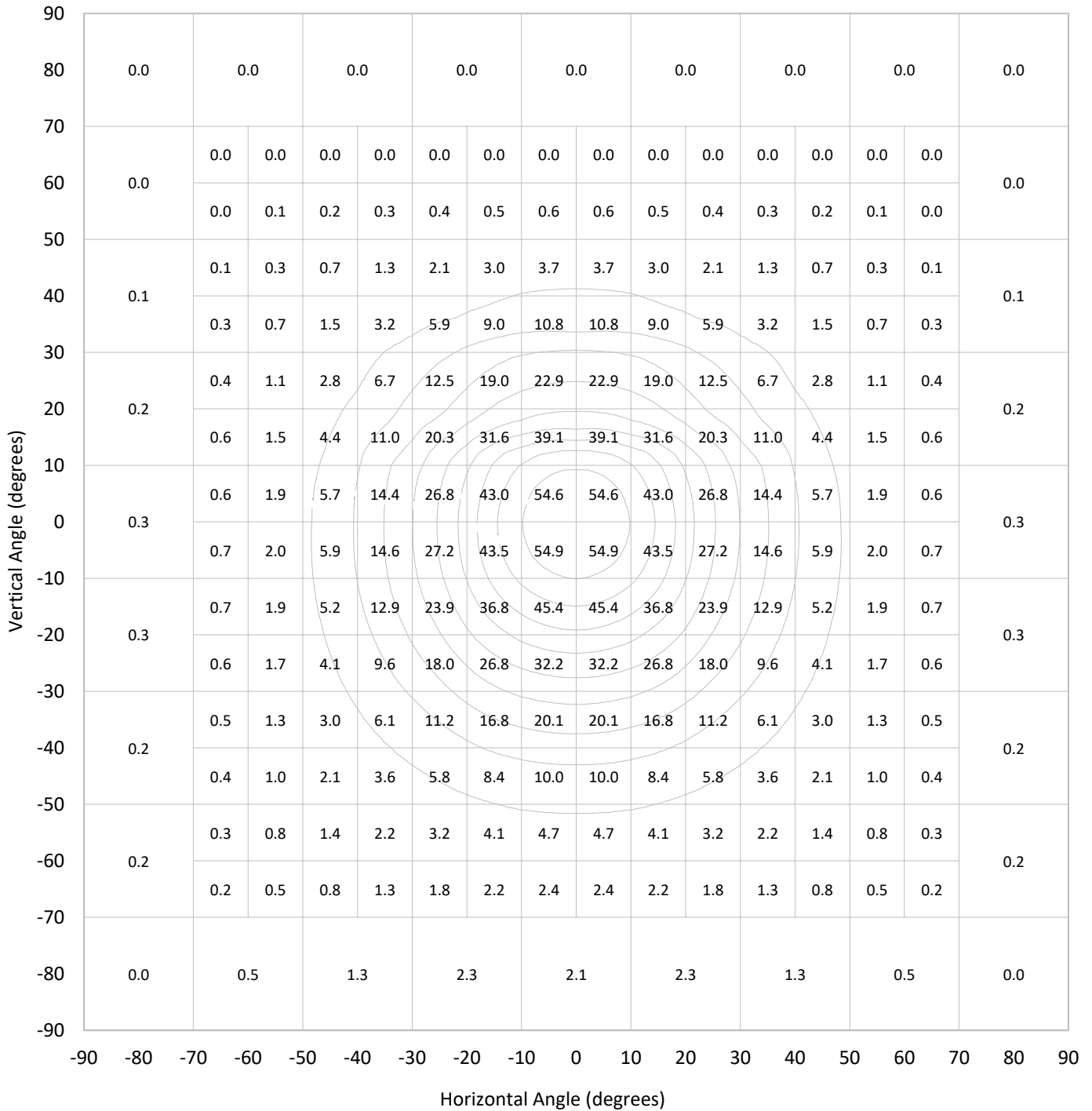
Iso-Candela Plot





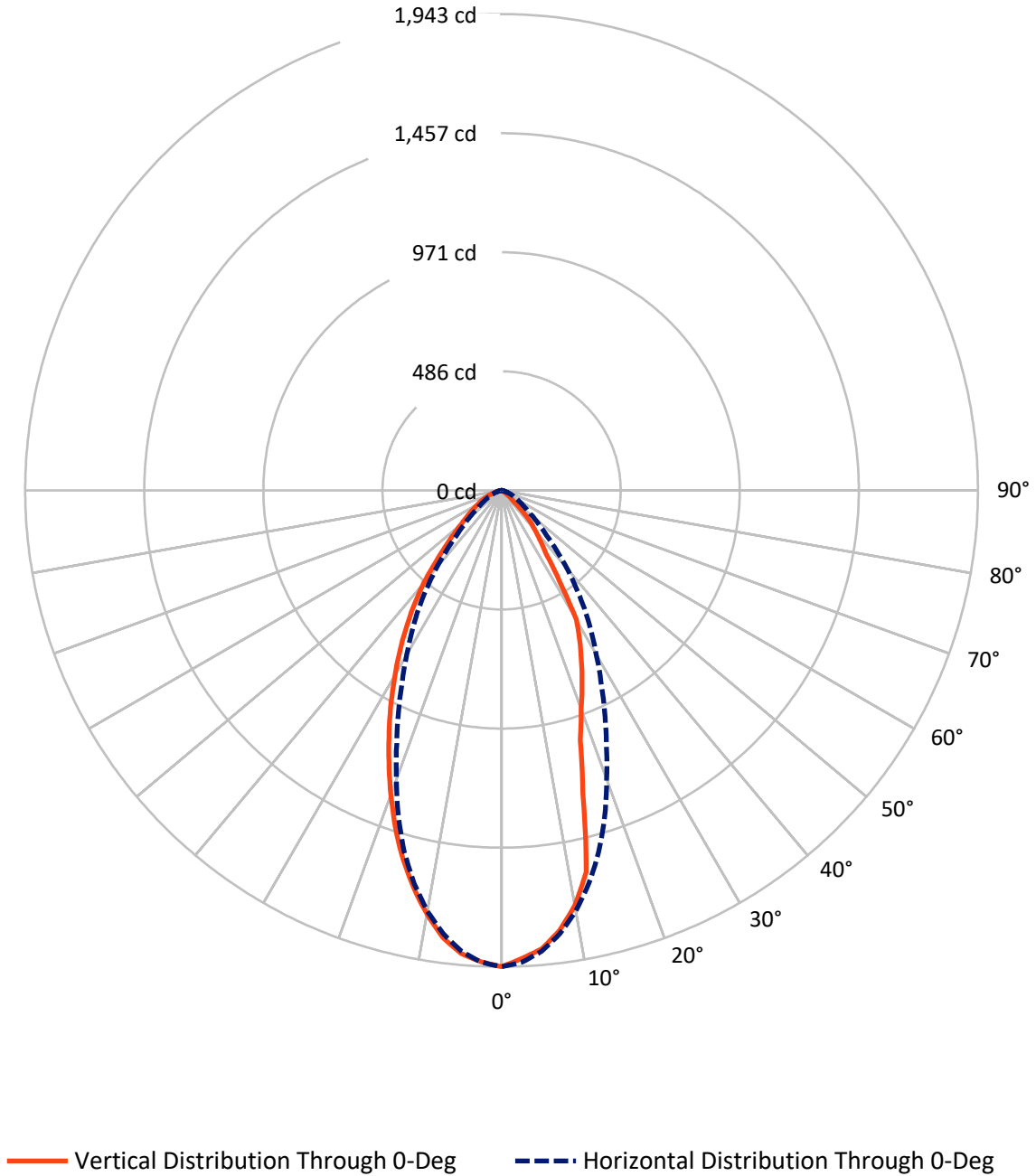
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Lumen Table



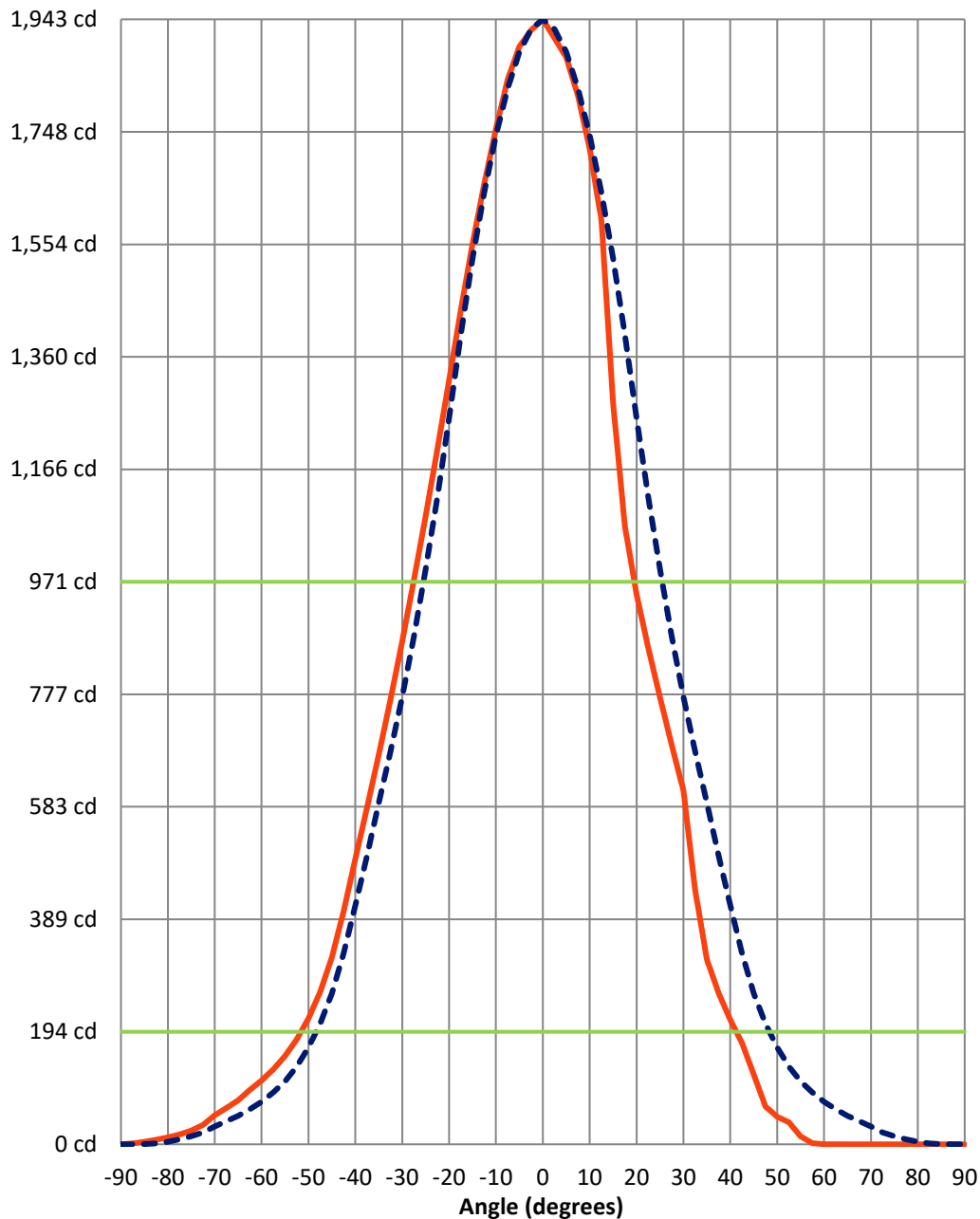
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Luminous Intensity Polar Plot



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Luminous Intensity Plot



Beam:
 H Angle: 50.9°
 V Angle: 47.1°
 Lumens: 825.1
 Efficiency: 48.1%

Field:
 H Angle: 96.7°
 V Angle: 92.9°
 Lumens: 1534.4
 Efficiency: 89.5%

Spill:
 Lumens: 179.3
 Efficiency: 10.5%

- 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	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
85°	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.1	0.1	0.1	0.1
82.5°	0.0	0.0	0.0	0.0	0.1	0.1	0.1	0.1	0.1	0.1	0.1
80°	0.0	0.0	0.0	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1
77.5°	0.0	0.0	0.0	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1
75°	0.0	0.0	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1
72.5°	0.0	0.0	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1
70°	0.0	0.0	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1
67.5°	0.0	0.0	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1
65°	0.0	0.0	0.1	0.1	0.1	0.1	0.1	0.1	0.2	0.2	0.2
62.5°	0.0	0.0	0.1	0.1	0.1	0.2	0.2	0.2	0.2	0.3	0.5
60°	0.0	0.0	0.1	0.1	0.1	0.2	0.2	0.2	0.3	0.9	1.0
57.5°	0.0	0.1	0.1	0.1	0.1	0.2	0.4	0.3	0.9	1.5	1.7
55°	0.0	0.1	0.1	0.1	0.2	0.3	0.6	0.5	1.6	2.3	2.6
52.5°	0.0	0.1	0.1	0.1	0.3	0.4	0.8	1.3	2.4	3.5	3.8
50°	0.0	0.1	0.1	0.1	0.3	0.6	1.1	2.1	3.4	4.7	5.7
47.5°	0.0	0.1	0.1	0.1	0.4	0.9	1.4	3.0	4.7	6.1	7.7
45°	0.0	0.1	0.1	0.2	0.4	1.2	2.2	3.9	6.0	7.9	9.7
42.5°	0.0	0.1	0.1	0.2	0.5	1.5	2.9	4.9	7.3	9.7	12.0
40°	0.0	0.1	0.1	0.3	0.6	1.8	3.7	6.0	8.7	11.4	14.3
37.5°	0.0	0.1	0.1	0.3	0.9	2.1	4.4	7.1	10.1	13.2	16.7
35°	0.0	0.1	0.2	0.4	1.1	2.6	5.1	8.2	11.6	15.3	19.3
32.5°	0.0	0.1	0.2	0.5	1.4	3.2	5.9	9.3	13.1	17.5	22.2
30°	0.0	0.1	0.2	0.6	1.6	3.7	6.8	10.4	14.5	19.8	25.1
27.5°	0.0	0.1	0.2	0.6	1.9	4.3	7.6	11.6	16.2	22.1	28.0
25°	0.0	0.1	0.2	0.7	2.2	4.8	8.4	12.8	18.0	24.5	31.0
22.5°	0.0	0.1	0.2	0.8	2.4	5.3	9.2	13.9	19.9	26.9	34.0
20°	0.0	0.1	0.2	0.9	2.7	5.8	9.9	15.0	21.7	29.3	36.8
17.5°	0.0	0.1	0.2	1.0	2.9	6.3	10.6	16.1	23.4	31.6	39.5
15°	0.0	0.1	0.2	1.1	3.2	6.7	11.2	17.0	25.1	33.8	42.1
12.5°	0.0	0.1	0.2	1.1	3.4	7.1	11.8	17.8	26.5	36.0	44.4
10°	0.0	0.1	0.3	1.2	3.6	7.5	12.4	18.5	27.6	37.2	46.3
7.5°	0.0	0.1	0.3	1.3	3.8	7.8	12.8	19.1	28.6	38.2	47.3
5°	0.0	0.1	0.3	1.4	4.0	8.1	13.2	19.6	29.5	39.0	48.1
2.5°	0.0	0.1	0.3	1.4	4.2	8.4	13.6	20.1	30.2	39.6	48.7
0°	0.0	0.1	0.3	1.5	4.3	8.6	13.9	20.4	30.7	40.0	49.1
-2.5°	0.0	0.1	0.3	1.6	4.5	8.9	14.3	21.0	31.3	40.6	49.8
-5°	0.0	0.1	0.4	1.7	4.7	9.1	14.6	21.5	31.7	41.0	50.2
-7.5°	0.0	0.1	0.4	1.8	4.8	9.3	14.8	21.9	32.0	41.3	50.5
-10°	0.0	0.1	0.4	1.9	5.0	9.4	15.0	22.1	32.1	41.4	50.6
-12.5°	0.0	0.2	0.5	1.9	5.0	9.5	15.1	22.3	32.1	41.3	50.4
-15°	0.0	0.2	0.5	2.0	5.1	9.5	15.1	22.3	31.8	40.9	49.9
-17.5°	0.0	0.2	0.5	2.0	5.1	9.5	15.1	22.3	31.4	40.4	49.2
-20°	0.0	0.2	0.6	2.0	5.1	9.5	15.0	22.2	30.9	39.8	48.3

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CATALOG NUMBER: GFLD-SA1A-722-U-WR-VSR-XX

CANDELA DISTRIBUTION (continued):

	-90°	-87.5°	-85°	-82.5°	-80°	-77.5°	-75°	-72.5°	-70°	-67.5°	-65°
-22.5°	0.0	0.2	0.6	2.1	5.1	9.4	15.0	22.0	30.3	39.1	47.3
-25°	0.0	0.2	0.6	2.1	5.0	9.4	14.9	21.7	29.6	38.2	46.0
-27.5°	0.0	0.2	0.6	2.0	4.9	9.3	14.8	21.3	28.8	37.3	44.9
-30°	0.0	0.2	0.6	2.0	4.8	9.2	14.6	20.8	28.1	36.2	43.7
-32.5°	0.0	0.2	0.7	2.0	4.7	9.1	14.3	20.4	27.5	35.0	42.3
-35°	0.0	0.2	0.7	1.9	4.6	8.9	14.0	20.0	26.7	33.9	40.9
-37.5°	0.0	0.2	0.7	1.8	4.5	8.6	13.7	19.5	25.9	32.7	39.3
-40°	0.0	0.2	0.7	1.7	4.3	8.4	13.3	18.9	24.9	31.6	37.6
-42.5°	0.0	0.2	0.7	1.6	4.2	8.2	12.9	18.2	24.1	30.1	35.7
-45°	0.0	0.2	0.7	1.6	4.1	7.9	12.3	17.5	23.2	28.6	33.8
-47.5°	0.0	0.2	0.6	1.5	4.0	7.5	11.7	16.7	22.2	27.0	32.0
-50°	0.0	0.2	0.6	1.4	3.8	7.1	11.2	15.9	20.9	25.5	30.2
-52.5°	0.0	0.2	0.6	1.4	3.6	6.6	10.6	15.0	19.6	24.0	28.3
-55°	0.0	0.2	0.6	1.4	3.3	6.2	9.9	14.1	18.2	22.4	26.6
-57.5°	0.0	0.2	0.6	1.4	3.0	5.8	9.2	13.2	16.8	20.7	24.7
-60°	0.0	0.2	0.5	1.3	2.7	5.3	8.5	12.2	15.4	19.1	22.8
-62.5°	0.0	0.1	0.5	1.2	2.5	4.8	7.7	11.0	14.0	17.3	20.9
-65°	0.0	0.1	0.5	1.1	2.3	4.2	6.9	9.8	12.5	15.5	18.8
-67.5°	0.0	0.1	0.4	1.0	2.1	3.6	6.0	8.5	10.9	13.6	16.6
-70°	0.0	0.1	0.4	0.9	1.8	3.2	5.1	7.3	9.3	11.6	14.2
-72.5°	0.0	0.1	0.3	0.8	1.5	2.7	4.3	5.9	7.8	9.7	11.8
-75°	0.0	0.1	0.3	0.7	1.2	2.2	3.5	4.8	6.2	7.8	9.6
-77.5°	0.0	0.1	0.3	0.6	1.0	1.7	2.7	3.8	4.9	6.0	7.4
-80°	0.0	0.1	0.2	0.5	0.8	1.3	1.9	2.7	3.6	4.6	5.6
-82.5°	0.0	0.0	0.2	0.3	0.6	1.0	1.4	1.8	2.4	3.1	3.9
-85°	0.0	0.0	0.1	0.2	0.4	0.6	0.9	1.2	1.6	1.9	2.4
-87.5°	0.0	0.0	0.1	0.1	0.2	0.3	0.5	0.6	0.8	1.0	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



REPORT NUMBER: P626532 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA1A-722-U-WR-VSR-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°	0.0	0.0	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1
85°	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1
82.5°	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1
80°	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1
77.5°	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1
75°	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1
72.5°	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1
70°	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1
67.5°	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1
65°	0.1	0.1	0.2	0.2	0.1	0.1	0.1	0.1	0.1	0.1	0.1
62.5°	0.2	0.2	0.3	0.5	0.3	0.1	0.2	0.3	0.2	0.1	0.2
60°	0.6	0.4	1.1	1.5	0.9	0.5	0.6	1.3	1.0	0.3	0.7
57.5°	1.2	1.5	2.7	2.8	2.2	1.5	3.2	3.6	3.0	1.9	2.7
55°	2.6	3.6	4.5	4.5	4.5	5.7	6.7	6.6	5.8	7.9	10.0
52.5°	4.9	5.9	6.5	7.1	8.8	9.8	10.1	10.7	13.0	15.7	16.2
50°	7.1	8.2	9.0	11.2	12.8	13.7	14.5	16.5	19.9	21.8	22.1
47.5°	9.4	10.6	12.8	15.1	16.7	18.0	19.4	24.1	27.9	29.5	30.0
45°	11.8	13.9	16.6	19.0	20.9	22.6	27.1	33.5	36.2	38.6	44.8
42.5°	14.3	17.5	20.5	23.0	25.1	28.8	35.0	41.2	45.0	50.2	57.6
40°	17.4	21.0	24.6	27.1	29.7	35.2	42.9	49.5	53.5	60.5	69.0
37.5°	20.6	24.8	28.7	31.3	35.0	42.5	51.5	59.4	64.4	70.1	83.7
35°	23.8	28.7	32.7	36.2	40.8	51.1	62.2	71.0	77.2	86.9	104.1
32.5°	27.2	32.7	36.7	41.6	49.1	60.6	74.2	84.0	94.3	108.2	135.9
30°	30.8	36.4	41.0	46.9	56.9	70.3	86.2	98.4	112.5	135.0	164.9
27.5°	34.4	40.1	45.8	53.2	64.2	78.7	95.3	114.6	132.8	158.0	190.6
25°	37.8	43.9	50.5	59.4	71.3	86.5	104.6	126.9	150.6	179.5	217.7
22.5°	41.1	47.7	55.4	65.1	77.3	94.0	115.5	141.7	170.2	200.0	244.0
20°	44.3	52.0	60.9	71.6	82.9	100.8	126.2	157.9	193.5	234.4	277.5
17.5°	47.5	56.2	66.4	78.4	92.1	110.4	137.1	174.8	218.2	271.5	324.5
15°	50.6	60.3	71.9	85.2	101.3	123.2	153.6	195.0	247.5	311.2	374.1
12.5°	53.6	64.4	77.1	91.7	110.3	135.3	169.1	213.8	273.9	350.0	427.3
10°	56.6	68.2	82.0	98.1	118.9	146.5	182.8	230.1	293.8	372.3	458.2
7.5°	58.0	70.9	86.2	104.1	127.0	156.9	194.7	243.8	309.4	390.2	476.3
5°	59.1	72.0	87.8	106.5	131.5	163.9	203.8	255.0	320.9	403.7	488.6
2.5°	59.9	72.9	88.9	107.9	133.3	166.2	206.9	259.0	327.1	410.7	495.8
0°	60.5	73.4	89.6	108.6	134.2	167.3	208.3	260.6	329.7	412.4	498.4
-2.5°	61.1	74.1	90.4	109.8	135.5	168.9	209.8	261.8	331.6	412.8	499.8
-5°	61.4	74.5	90.7	110.4	135.9	169.2	209.7	260.7	330.0	409.6	496.8
-7.5°	61.5	74.6	90.5	110.3	135.3	167.9	207.5	257.4	324.7	403.0	489.3
-10°	61.4	74.3	89.9	109.3	133.8	165.1	203.5	251.7	315.8	392.2	476.6
-12.5°	60.9	73.6	88.9	107.7	131.3	161.3	197.9	243.7	303.5	377.1	458.7
-15°	60.2	72.5	87.3	105.4	127.9	156.3	190.7	233.3	287.7	358.0	436.4
-17.5°	59.2	71.1	85.3	102.5	123.6	150.2	182.1	221.1	270.7	336.7	411.7
-20°	57.9	69.4	82.8	99.1	118.6	143.8	174.0	210.3	254.7	312.2	382.5

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CANDELA DISTRIBUTION (continued):

	-62.5°	-60°	-57.5°	-55°	-52.5°	-50°	-47.5°	-45°	-42.5°	-40°	-37.5°
-22.5°	56.4	67.4	80.1	95.7	114.2	137.2	165.0	198.0	236.8	284.0	350.7
-25°	54.8	65.4	77.5	91.9	109.2	129.7	154.7	184.8	219.9	263.1	318.2
-27.5°	53.3	63.2	74.6	87.6	103.5	121.9	145.0	172.4	203.8	240.5	285.4
-30°	51.5	60.7	71.3	83.1	98.1	115.2	135.1	158.6	186.5	219.7	258.7
-32.5°	49.6	58.0	68.1	79.2	92.3	107.9	125.1	146.3	170.6	198.0	231.7
-35°	47.7	55.7	64.8	75.0	86.0	100.6	116.5	134.1	154.7	178.9	205.9
-37.5°	45.8	53.2	61.4	70.8	81.2	93.3	107.3	123.2	141.0	160.2	183.5
-40°	43.8	50.5	58.2	66.8	75.9	86.4	99.1	112.6	127.9	144.8	162.8
-42.5°	41.6	48.0	55.0	62.5	70.8	80.2	90.7	103.0	115.8	130.0	145.7
-45°	39.4	45.3	51.7	58.5	65.6	73.9	83.4	93.6	104.9	116.5	129.7
-47.5°	37.1	42.5	48.5	54.4	60.6	67.7	75.8	85.1	94.5	104.8	115.1
-50°	34.8	39.9	44.9	50.4	56.0	61.9	68.7	76.8	85.3	93.9	102.9
-52.5°	32.8	37.1	41.7	46.4	51.5	56.7	62.4	69.1	76.5	84.1	91.8
-55°	30.7	34.7	38.5	42.7	47.1	51.8	56.8	62.4	68.1	75.0	81.6
-57.5°	28.6	32.2	35.5	39.1	43.0	47.0	51.5	56.3	61.4	66.6	72.1
-60°	26.6	29.6	32.6	35.7	39.0	42.5	46.2	50.4	54.7	59.2	64.0
-62.5°	24.4	26.9	29.5	32.4	35.3	38.0	41.1	44.5	48.1	52.0	56.0
-65°	22.0	24.1	26.3	28.8	31.5	33.7	36.1	38.6	41.6	44.8	47.9
-67.5°	19.5	21.3	23.1	25.0	27.2	29.1	31.1	33.1	35.3	37.9	40.5
-70°	16.7	18.4	20.0	21.6	23.0	24.4	26.1	27.7	29.4	31.8	34.1
-72.5°	13.8	15.5	17.0	18.2	19.2	20.1	21.1	22.3	24.0	26.2	28.2
-75°	11.2	12.5	13.9	15.1	15.8	16.0	16.2	16.8	18.6	20.8	22.8
-77.5°	8.7	9.9	11.0	12.1	12.5	12.7	12.8	12.8	14.1	16.0	17.9
-80°	6.4	7.2	8.2	9.1	9.4	9.5	9.5	9.4	10.5	11.8	13.3
-82.5°	4.4	5.0	5.6	6.3	6.4	6.3	6.3	6.2	7.0	8.0	9.0
-85°	2.6	2.8	3.2	3.6	3.6	3.6	3.5	3.4	3.9	4.5	5.0
-87.5°	1.3	1.4	1.5	1.7	1.6	1.5	1.5	1.3	1.5	1.6	1.8
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



REPORT NUMBER: P626532 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA1A-722-U-WR-VSR-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°	0.1	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
85°	0.1	0.1	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
82.5°	0.1	0.1	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
80°	0.1	0.1	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
77.5°	0.1	0.1	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
75°	0.1	0.1	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
72.5°	0.1	0.1	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
70°	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
67.5°	0.0	0.1	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
65°	0.1	0.1	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
62.5°	0.2	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1
60°	0.8	0.4	0.4	0.5	0.5	0.2	0.4	0.6	0.5	0.4	0.4
57.5°	4.0	3.3	2.3	3.9	4.0	2.8	3.0	4.0	3.9	3.0	3.0
55°	10.0	10.2	11.0	11.9	12.7	13.0	13.3	14.8	16.4	17.9	18.7
52.5°	16.6	18.5	20.9	22.5	23.7	25.9	29.1	30.6	32.0	33.7	34.8
50°	24.4	27.8	30.2	30.6	34.4	36.8	37.4	40.2	43.2	45.1	46.4
47.5°	36.3	40.6	42.7	44.0	48.6	53.8	53.8	55.4	62.9	66.8	68.7
45°	52.3	55.9	59.6	69.3	78.2	81.1	87.1	95.3	100.6	107.9	116.0
42.5°	65.9	72.6	82.0	92.6	101.6	109.0	118.0	127.8	139.7	150.8	160.4
40°	79.4	87.7	99.2	110.8	122.1	132.4	146.9	159.6	173.6	188.9	201.6
37.5°	97.0	107.6	119.5	134.1	151.7	163.1	183.1	201.3	217.0	235.5	246.9
35°	124.0	137.8	148.3	178.0	199.3	212.7	236.3	266.2	277.7	301.0	312.0
32.5°	158.0	176.3	204.1	243.3	271.8	296.4	331.7	362.1	388.0	411.3	435.6
30°	196.1	224.3	265.5	317.6	346.4	380.9	428.6	464.6	505.2	549.8	565.4
27.5°	230.7	273.0	320.8	363.0	404.5	447.4	494.3	540.5	584.5	621.6	646.5
25°	262.8	314.1	360.5	405.5	450.5	498.9	551.9	604.4	652.7	690.9	719.9
22.5°	295.9	350.1	399.7	445.4	497.7	552.6	608.9	669.1	724.2	763.7	795.3
20°	327.0	387.3	443.9	495.9	545.4	608.6	673.6	737.5	797.4	844.5	881.0
17.5°	376.5	428.7	497.9	565.5	621.2	679.3	766.1	832.0	898.5	955.0	993.6
15°	437.1	494.6	566.0	658.9	735.2	801.8	891.4	998.7	1077.1	1149.2	1198.6
12.5°	497.8	562.8	640.1	744.7	853.3	931.8	1040.5	1176.3	1267.7	1379.3	1434.3
10°	544.4	626.0	705.5	801.0	905.3	1017.1	1134.3	1261.3	1383.4	1479.3	1564.9
7.5°	563.1	650.1	742.1	839.5	943.8	1059.2	1184.1	1316.3	1442.0	1549.0	1643.1
5°	577.1	666.2	758.9	858.5	970.0	1090.4	1217.2	1356.1	1484.4	1599.1	1695.4
2.5°	586.0	676.0	768.2	869.5	986.7	1110.8	1241.7	1384.2	1514.4	1632.5	1728.5
0°	589.4	678.1	772.6	876.8	992.9	1117.2	1253.7	1397.9	1529.2	1643.4	1742.1
-2.5°	589.9	676.1	772.8	876.6	987.7	1113.1	1251.4	1394.3	1522.9	1636.6	1736.3
-5°	585.3	671.4	768.2	870.4	981.7	1106.2	1238.5	1376.6	1499.2	1609.9	1705.9
-7.5°	575.9	661.8	756.5	856.3	964.6	1085.4	1212.4	1340.8	1461.1	1567.3	1658.9
-10°	561.9	646.1	737.5	834.7	937.2	1052.1	1173.2	1295.9	1408.7	1506.9	1591.6
-12.5°	543.1	625.3	712.6	805.4	900.7	1010.3	1124.6	1239.9	1342.7	1432.3	1508.3
-15°	518.6	598.9	683.4	771.2	863.6	962.7	1065.3	1171.0	1265.9	1345.4	1414.8
-17.5°	489.7	567.6	647.9	729.2	817.0	909.9	1005.2	1100.1	1181.0	1251.6	1315.1
-20°	457.6	532.6	608.8	684.7	764.3	850.3	938.2	1021.6	1092.3	1156.4	1214.5

Classified

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

Scaled Data Report



REPORT NUMBER: P626532 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA1A-722-U-WR-VSR-XX

CANDELA DISTRIBUTION (continued):

	-35°	-32.5°	-30°	-27.5°	-25°	-22.5°	-20°	-17.5°	-15°	-12.5°	-10°
-22.5°	421.5	493.3	566.4	637.4	709.1	787.0	865.6	941.0	1007.1	1062.0	1112.4
-25°	382.9	449.3	518.3	584.8	650.8	720.6	792.0	861.4	919.6	967.2	1008.9
-27.5°	344.0	404.6	465.4	528.1	589.1	653.5	718.1	778.1	830.3	874.1	909.2
-30°	303.1	357.3	412.8	469.5	527.8	586.7	645.1	697.5	743.2	781.7	812.0
-32.5°	269.1	310.3	359.3	410.7	465.4	519.1	569.9	617.7	660.6	694.3	720.0
-35°	236.5	271.4	308.1	353.6	400.6	450.0	496.7	539.4	577.7	607.1	631.3
-37.5°	208.5	236.1	267.1	299.7	339.0	379.8	422.0	462.2	496.4	522.0	543.6
-40°	184.3	206.1	230.9	256.7	285.6	314.9	351.7	385.5	413.4	437.4	457.0
-42.5°	162.4	180.7	199.1	220.2	242.1	265.7	291.4	316.5	337.9	357.9	374.5
-45°	143.5	158.1	172.7	189.1	205.1	224.3	242.7	259.2	276.5	291.5	303.3
-47.5°	126.9	138.4	150.9	163.1	176.0	190.4	204.1	216.6	229.3	240.3	249.2
-50°	112.2	121.7	131.9	141.5	151.9	162.5	172.6	182.6	192.2	200.6	207.1
-52.5°	99.4	107.6	115.6	123.3	131.5	139.4	146.7	154.9	162.4	169.0	173.5
-55°	88.4	95.2	101.7	108.1	114.3	120.3	126.1	132.5	138.3	143.5	146.9
-57.5°	78.1	83.9	89.4	94.6	99.6	104.3	109.2	114.1	118.6	122.5	125.1
-60°	68.7	73.5	78.2	82.5	86.5	90.2	94.4	98.3	102.0	105.0	106.8
-62.5°	60.2	64.4	67.9	71.3	74.7	78.1	81.0	83.9	86.8	89.1	90.7
-65°	51.2	54.8	57.8	60.5	63.0	65.6	68.1	70.3	72.4	73.9	74.9
-67.5°	43.2	45.8	48.2	50.4	52.5	54.6	56.6	58.3	59.8	60.9	61.6
-70°	36.2	38.3	40.2	42.1	44.1	45.7	47.1	48.4	49.6	50.1	50.3
-72.5°	30.1	31.9	33.6	35.4	37.0	38.2	39.2	40.2	41.0	40.3	39.0
-75°	24.6	26.1	27.7	29.2	30.7	31.6	32.4	33.1	33.7	32.2	30.0
-77.5°	20.0	21.4	22.6	23.8	24.9	25.6	26.0	26.5	27.0	25.2	23.0
-80°	14.8	15.9	17.0	18.0	18.9	19.3	19.5	19.7	19.8	18.3	16.5
-82.5°	10.0	10.6	11.2	11.7	12.3	12.6	12.9	13.1	13.2	12.1	10.9
-85°	5.6	5.8	5.9	6.1	6.2	6.4	6.5	6.7	6.8	6.3	5.8
-87.5°	2.0	2.0	1.9	1.9	1.9	1.9	1.9	1.9	1.8	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: P626532 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA1A-722-U-WR-VSR-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°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
85°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
82.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
80°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
77.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
75°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
72.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
70°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
67.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
65°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
62.5°	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1
60°	0.3	0.1	0.1	0.1	0.1	0.1	0.3	0.4	0.4	0.5	0.6
57.5°	2.8	2.4	2.2	1.9	2.2	2.4	2.8	3.0	3.0	3.9	4.0
55°	18.4	17.1	15.6	13.7	15.6	17.1	18.4	18.7	17.9	16.4	14.8
52.5°	36.1	37.3	38.0	37.9	38.0	37.3	36.1	34.8	33.7	32.0	30.6
50°	47.5	48.1	48.1	47.6	48.1	48.1	47.5	46.4	45.1	43.2	40.2
47.5°	69.5	68.6	67.1	65.4	67.1	68.6	69.5	68.7	66.8	62.9	55.4
45°	121.3	124.2	124.1	120.3	124.1	124.2	121.3	116.0	107.9	100.6	95.3
42.5°	165.8	170.2	173.3	174.8	173.3	170.2	165.8	160.4	150.8	139.7	127.8
40°	208.8	213.0	214.9	214.8	214.9	213.0	208.8	201.6	188.9	173.6	159.6
37.5°	254.3	259.7	262.4	261.1	262.4	259.7	254.3	246.9	235.5	217.0	201.3
35°	316.8	321.9	322.0	319.4	322.0	321.9	316.8	312.0	301.0	277.7	266.2
32.5°	454.9	456.7	443.5	438.9	443.5	456.7	454.9	435.6	411.3	388.0	362.1
30°	581.0	593.1	604.4	610.1	604.4	593.1	581.0	565.4	549.8	505.2	464.6
27.5°	665.3	679.8	688.9	689.4	688.9	679.8	665.3	646.5	621.6	584.5	540.5
25°	741.9	758.2	768.1	771.5	768.1	758.2	741.9	719.9	690.9	652.7	604.4
22.5°	822.2	841.4	854.2	856.8	854.2	841.4	822.2	795.3	763.7	724.2	669.1
20°	915.3	937.7	950.0	949.5	950.0	937.7	915.3	881.0	844.5	797.4	737.5
17.5°	1038.0	1062.0	1072.6	1068.0	1072.6	1062.0	1038.0	993.6	955.0	898.5	832.0
15°	1249.4	1299.7	1299.5	1279.4	1299.5	1299.7	1249.4	1198.6	1149.2	1077.1	998.7
12.5°	1510.2	1547.7	1586.1	1594.4	1586.1	1547.7	1510.2	1434.3	1379.3	1267.7	1176.3
10°	1637.1	1686.9	1719.7	1718.8	1719.7	1686.9	1637.1	1564.9	1479.3	1383.4	1261.3
7.5°	1716.5	1771.5	1811.3	1810.4	1811.3	1771.5	1716.5	1643.1	1549.0	1442.0	1316.3
5°	1777.8	1838.8	1874.0	1876.6	1874.0	1838.8	1777.8	1695.4	1599.1	1484.4	1356.1
2.5°	1809.6	1873.2	1915.6	1910.0	1915.6	1873.2	1809.6	1728.5	1632.5	1514.4	1384.2
0°	1822.9	1885.9	1925.4	1942.5	1925.4	1885.9	1822.9	1742.1	1643.4	1529.2	1397.9
-2.5°	1817.1	1878.4	1922.1	1923.8	1922.1	1878.4	1817.1	1736.3	1636.6	1522.9	1394.3
-5°	1785.9	1850.6	1879.9	1895.5	1879.9	1850.6	1785.9	1705.9	1609.9	1499.2	1376.6
-7.5°	1735.7	1784.2	1821.4	1838.6	1821.4	1784.2	1735.7	1658.9	1567.3	1461.1	1340.8
-10°	1657.6	1707.8	1739.2	1753.4	1739.2	1707.8	1657.6	1591.6	1506.9	1408.7	1295.9
-12.5°	1571.0	1616.7	1646.5	1658.5	1646.5	1616.7	1571.0	1508.3	1432.3	1342.7	1239.9
-15°	1474.4	1515.8	1543.4	1554.8	1543.4	1515.8	1474.4	1414.8	1345.4	1265.9	1171.0
-17.5°	1368.1	1404.4	1431.8	1440.1	1431.8	1404.4	1368.1	1315.1	1251.6	1181.0	1100.1
-20°	1258.8	1291.6	1314.2	1319.1	1314.2	1291.6	1258.8	1214.5	1156.4	1092.3	1021.6



REPORT NUMBER: P626532 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA1A-722-U-WR-VSR-XX

CANDELA DISTRIBUTION (continued):

	-7.5°	-5°	-2.5°	0°	2.5°	5°	7.5°	10°	12.5°	15°	17.5°
-22.5°	1148.7	1175.7	1194.0	1200.2	1194.0	1175.7	1148.7	1112.4	1062.0	1007.1	941.0
-25°	1041.0	1064.3	1079.1	1084.6	1079.1	1064.3	1041.0	1008.9	967.2	919.6	861.4
-27.5°	937.5	959.2	972.8	974.6	972.8	959.2	937.5	909.2	874.1	830.3	778.1
-30°	835.6	853.5	864.0	868.4	864.0	853.5	835.6	812.0	781.7	743.2	697.5
-32.5°	740.4	756.1	765.5	768.0	765.5	756.1	740.4	720.0	694.3	660.6	617.7
-35°	650.5	665.0	673.3	672.7	673.3	665.0	650.5	631.3	607.1	577.7	539.4
-37.5°	561.4	574.8	582.4	581.6	582.4	574.8	561.4	543.6	522.0	496.4	462.2
-40°	473.1	484.6	491.2	492.8	491.2	484.6	473.1	457.0	437.4	413.4	385.5
-42.5°	388.3	399.0	404.3	402.2	404.3	399.0	388.3	374.5	357.9	337.9	316.5
-45°	311.6	317.1	320.7	323.0	320.7	317.1	311.6	303.3	291.5	276.5	259.2
-47.5°	255.6	260.2	262.7	263.1	262.7	260.2	255.6	249.2	240.3	229.3	216.6
-50°	212.2	216.1	217.8	217.3	217.8	216.1	212.2	207.1	200.6	192.2	182.6
-52.5°	176.7	179.0	180.5	181.2	180.5	179.0	176.7	173.5	169.0	162.4	154.9
-55°	149.4	151.1	152.2	152.5	152.2	151.1	149.4	146.9	143.5	138.3	132.5
-57.5°	127.2	128.9	129.5	129.3	129.5	128.9	127.2	125.1	122.5	118.6	114.1
-60°	108.2	109.1	109.8	110.2	109.8	109.1	108.2	106.8	105.0	102.0	98.3
-62.5°	91.9	92.7	93.5	93.9	93.5	92.7	91.9	90.7	89.1	86.8	83.9
-65°	75.6	76.0	76.1	75.9	76.1	76.0	75.6	74.9	73.9	72.4	70.3
-67.5°	62.1	62.5	62.7	62.7	62.7	62.5	62.1	61.6	60.9	59.8	58.3
-70°	50.5	50.7	50.5	50.1	50.5	50.7	50.5	50.3	50.1	49.6	48.4
-72.5°	37.7	36.4	35.0	33.4	35.0	36.4	37.7	39.0	40.3	41.0	40.2
-75°	27.7	25.4	24.5	23.7	24.5	25.4	27.7	30.0	32.2	33.7	33.1
-77.5°	20.6	18.2	17.5	16.9	17.5	18.2	20.6	23.0	25.2	27.0	26.5
-80°	14.7	12.8	12.3	11.9	12.3	12.8	14.7	16.5	18.3	19.8	19.7
-82.5°	9.6	8.3	8.0	7.8	8.0	8.3	9.6	10.9	12.1	13.2	13.1
-85°	5.2	4.6	4.4	4.3	4.4	4.6	5.2	5.8	6.3	6.8	6.7
-87.5°	1.6	1.5	1.5	1.5	1.5	1.5	1.6	1.7	1.8	1.8	1.9
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



REPORT NUMBER: P626532 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA1A-722-U-WR-VSR-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°	0.0	0.0	0.0	0.0	0.0	0.1	0.1	0.1	0.1	0.1	0.1
85°	0.0	0.0	0.0	0.0	0.1	0.1	0.1	0.1	0.1	0.1	0.1
82.5°	0.0	0.0	0.0	0.0	0.1	0.1	0.1	0.1	0.1	0.1	0.1
80°	0.0	0.0	0.0	0.0	0.1	0.1	0.1	0.1	0.1	0.1	0.1
77.5°	0.0	0.0	0.0	0.0	0.1	0.1	0.1	0.1	0.1	0.1	0.1
75°	0.0	0.0	0.0	0.0	0.1	0.1	0.1	0.1	0.1	0.1	0.1
72.5°	0.0	0.0	0.0	0.0	0.1	0.1	0.1	0.1	0.1	0.1	0.1
70°	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.1	0.1	0.1	0.1
67.5°	0.0	0.0	0.0	0.0	0.1	0.1	0.0	0.1	0.1	0.1	0.1
65°	0.0	0.0	0.0	0.0	0.1	0.1	0.1	0.1	0.1	0.1	0.1
62.5°	0.1	0.1	0.1	0.1	0.1	0.1	0.2	0.2	0.1	0.2	0.3
60°	0.4	0.2	0.5	0.5	0.4	0.4	0.8	0.7	0.3	1.0	1.3
57.5°	3.0	2.8	4.0	3.9	2.3	3.3	4.0	2.7	1.9	3.0	3.6
55°	13.3	13.0	12.7	11.9	11.0	10.2	10.0	10.0	7.9	5.8	6.6
52.5°	29.1	25.9	23.7	22.5	20.9	18.5	16.6	16.2	15.7	13.0	10.7
50°	37.4	36.8	34.4	30.6	30.2	27.8	24.4	22.1	21.8	19.9	16.5
47.5°	53.8	53.8	48.6	44.0	42.7	40.6	36.3	30.0	29.5	27.9	24.1
45°	87.1	81.1	78.2	69.3	59.6	55.9	52.3	44.8	38.6	36.2	33.5
42.5°	118.0	109.0	101.6	92.6	82.0	72.6	65.9	57.6	50.2	45.0	41.2
40°	146.9	132.4	122.1	110.8	99.2	87.7	79.4	69.0	60.5	53.5	49.5
37.5°	183.1	163.1	151.7	134.1	119.5	107.6	97.0	83.7	70.1	64.4	59.4
35°	236.3	212.7	199.3	178.0	148.3	137.8	124.0	104.1	86.9	77.2	71.0
32.5°	331.7	296.4	271.8	243.3	204.1	176.3	158.0	135.9	108.2	94.3	84.0
30°	428.6	380.9	346.4	317.6	265.5	224.3	196.1	164.9	135.0	112.5	98.4
27.5°	494.3	447.4	404.5	363.0	320.8	273.0	230.7	190.6	158.0	132.8	114.6
25°	551.9	498.9	450.5	405.5	360.5	314.1	262.8	217.7	179.5	150.6	126.9
22.5°	608.9	552.6	497.7	445.4	399.7	350.1	295.9	244.0	200.0	170.2	141.7
20°	673.6	608.6	545.4	495.9	443.9	387.3	327.0	277.5	234.4	193.5	157.9
17.5°	766.1	679.3	621.2	565.5	497.9	428.7	376.5	324.5	271.5	218.2	174.8
15°	891.4	801.8	735.2	658.9	566.0	494.6	437.1	374.1	311.2	247.5	195.0
12.5°	1040.5	931.8	853.3	744.7	640.1	562.8	497.8	427.3	350.0	273.9	213.8
10°	1134.3	1017.1	905.3	801.0	705.5	626.0	544.4	458.2	372.3	293.8	230.1
7.5°	1184.1	1059.2	943.8	839.5	742.1	650.1	563.1	476.3	390.2	309.4	243.8
5°	1217.2	1090.4	970.0	858.5	758.9	666.2	577.1	488.6	403.7	320.9	255.0
2.5°	1241.7	1110.8	986.7	869.5	768.2	676.0	586.0	495.8	410.7	327.1	259.0
0°	1253.7	1117.2	992.9	876.8	772.6	678.1	589.4	498.4	412.4	329.7	260.6
-2.5°	1251.4	1113.1	987.7	876.6	772.8	676.1	589.9	499.8	412.8	331.6	261.8
-5°	1238.5	1106.2	981.7	870.4	768.2	671.4	585.3	496.8	409.6	330.0	260.7
-7.5°	1212.4	1085.4	964.6	856.3	756.5	661.8	575.9	489.3	403.0	324.7	257.4
-10°	1173.2	1052.1	937.2	834.7	737.5	646.1	561.9	476.6	392.2	315.8	251.7
-12.5°	1124.6	1010.3	900.7	805.4	712.6	625.3	543.1	458.7	377.1	303.5	243.7
-15°	1065.3	962.7	863.6	771.2	683.4	598.9	518.6	436.4	358.0	287.7	233.3
-17.5°	1005.2	909.9	817.0	729.2	647.9	567.6	489.7	411.7	336.7	270.7	221.1
-20°	938.2	850.3	764.3	684.7	608.8	532.6	457.6	382.5	312.2	254.7	210.3



REPORT NUMBER: P626532 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA1A-722-U-WR-VSR-XX

CANDELA DISTRIBUTION (continued):

	20°	22.5°	25°	27.5°	30°	32.5°	35°	37.5°	40°	42.5°	45°
-22.5°	865.6	787.0	709.1	637.4	566.4	493.3	421.5	350.7	284.0	236.8	198.0
-25°	792.0	720.6	650.8	584.8	518.3	449.3	382.9	318.2	263.1	219.9	184.8
-27.5°	718.1	653.5	589.1	528.1	465.4	404.6	344.0	285.4	240.5	203.8	172.4
-30°	645.1	586.7	527.8	469.5	412.8	357.3	303.1	258.7	219.7	186.5	158.6
-32.5°	569.9	519.1	465.4	410.7	359.3	310.3	269.1	231.7	198.0	170.6	146.3
-35°	496.7	450.0	400.6	353.6	308.1	271.4	236.5	205.9	178.9	154.7	134.1
-37.5°	422.0	379.8	339.0	299.7	267.1	236.1	208.5	183.5	160.2	141.0	123.2
-40°	351.7	314.9	285.6	256.7	230.9	206.1	184.3	162.8	144.8	127.9	112.6
-42.5°	291.4	265.7	242.1	220.2	199.1	180.7	162.4	145.7	130.0	115.8	103.0
-45°	242.7	224.3	205.1	189.1	172.7	158.1	143.5	129.7	116.5	104.9	93.6
-47.5°	204.1	190.4	176.0	163.1	150.9	138.4	126.9	115.1	104.8	94.5	85.1
-50°	172.6	162.5	151.9	141.5	131.9	121.7	112.2	102.9	93.9	85.3	76.8
-52.5°	146.7	139.4	131.5	123.3	115.6	107.6	99.4	91.8	84.1	76.5	69.1
-55°	126.1	120.3	114.3	108.1	101.7	95.2	88.4	81.6	75.0	68.1	62.4
-57.5°	109.2	104.3	99.6	94.6	89.4	83.9	78.1	72.1	66.6	61.4	56.3
-60°	94.4	90.2	86.5	82.5	78.2	73.5	68.7	64.0	59.2	54.7	50.4
-62.5°	81.0	78.1	74.7	71.3	67.9	64.4	60.2	56.0	52.0	48.1	44.5
-65°	68.1	65.6	63.0	60.5	57.8	54.8	51.2	47.9	44.8	41.6	38.6
-67.5°	56.6	54.6	52.5	50.4	48.2	45.8	43.2	40.5	37.9	35.3	33.1
-70°	47.1	45.7	44.1	42.1	40.2	38.3	36.2	34.1	31.8	29.4	27.7
-72.5°	39.2	38.2	37.0	35.4	33.6	31.9	30.1	28.2	26.2	24.0	22.3
-75°	32.4	31.6	30.7	29.2	27.7	26.1	24.6	22.8	20.8	18.6	16.8
-77.5°	26.0	25.6	24.9	23.8	22.6	21.4	20.0	17.9	16.0	14.1	12.8
-80°	19.5	19.3	18.9	18.0	17.0	15.9	14.8	13.3	11.8	10.5	9.4
-82.5°	12.9	12.6	12.3	11.7	11.2	10.6	10.0	9.0	8.0	7.0	6.2
-85°	6.5	6.4	6.2	6.1	5.9	5.8	5.6	5.0	4.5	3.9	3.4
-87.5°	1.9	1.9	1.9	1.9	1.9	2.0	2.0	1.8	1.6	1.5	1.3
-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: P626532 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA1A-722-U-WR-VSR-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°	0.1	0.1	0.1	0.1	0.1	0.0	0.0	0.0	0.0	0.0	0.0
85°	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1
82.5°	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1
80°	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1
77.5°	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1
75°	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1
72.5°	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1
70°	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1
67.5°	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1
65°	0.1	0.1	0.1	0.2	0.2	0.1	0.1	0.2	0.2	0.2	0.1
62.5°	0.2	0.1	0.3	0.5	0.3	0.2	0.2	0.5	0.3	0.2	0.2
60°	0.6	0.5	0.9	1.5	1.1	0.4	0.6	1.0	0.9	0.3	0.2
57.5°	3.2	1.5	2.2	2.8	2.7	1.5	1.2	1.7	1.5	0.9	0.3
55°	6.7	5.7	4.5	4.5	4.5	3.6	2.6	2.6	2.3	1.6	0.5
52.5°	10.1	9.8	8.8	7.1	6.5	5.9	4.9	3.8	3.5	2.4	1.3
50°	14.5	13.7	12.8	11.2	9.0	8.2	7.1	5.7	4.7	3.4	2.1
47.5°	19.4	18.0	16.7	15.1	12.8	10.6	9.4	7.7	6.1	4.7	3.0
45°	27.1	22.6	20.9	19.0	16.6	13.9	11.8	9.7	7.9	6.0	3.9
42.5°	35.0	28.8	25.1	23.0	20.5	17.5	14.3	12.0	9.7	7.3	4.9
40°	42.9	35.2	29.7	27.1	24.6	21.0	17.4	14.3	11.4	8.7	6.0
37.5°	51.5	42.5	35.0	31.3	28.7	24.8	20.6	16.7	13.2	10.1	7.1
35°	62.2	51.1	40.8	36.2	32.7	28.7	23.8	19.3	15.3	11.6	8.2
32.5°	74.2	60.6	49.1	41.6	36.7	32.7	27.2	22.2	17.5	13.1	9.3
30°	86.2	70.3	56.9	46.9	41.0	36.4	30.8	25.1	19.8	14.5	10.4
27.5°	95.3	78.7	64.2	53.2	45.8	40.1	34.4	28.0	22.1	16.2	11.6
25°	104.6	86.5	71.3	59.4	50.5	43.9	37.8	31.0	24.5	18.0	12.8
22.5°	115.5	94.0	77.3	65.1	55.4	47.7	41.1	34.0	26.9	19.9	13.9
20°	126.2	100.8	82.9	71.6	60.9	52.0	44.3	36.8	29.3	21.7	15.0
17.5°	137.1	110.4	92.1	78.4	66.4	56.2	47.5	39.5	31.6	23.4	16.1
15°	153.6	123.2	101.3	85.2	71.9	60.3	50.6	42.1	33.8	25.1	17.0
12.5°	169.1	135.3	110.3	91.7	77.1	64.4	53.6	44.4	36.0	26.5	17.8
10°	182.8	146.5	118.9	98.1	82.0	68.2	56.6	46.3	37.2	27.6	18.5
7.5°	194.7	156.9	127.0	104.1	86.2	70.9	58.0	47.3	38.2	28.6	19.1
5°	203.8	163.9	131.5	106.5	87.8	72.0	59.1	48.1	39.0	29.5	19.6
2.5°	206.9	166.2	133.3	107.9	88.9	72.9	59.9	48.7	39.6	30.2	20.1
0°	208.3	167.3	134.2	108.6	89.6	73.4	60.5	49.1	40.0	30.7	20.4
-2.5°	209.8	168.9	135.5	109.8	90.4	74.1	61.1	49.8	40.6	31.3	21.0
-5°	209.7	169.2	135.9	110.4	90.7	74.5	61.4	50.2	41.0	31.7	21.5
-7.5°	207.5	167.9	135.3	110.3	90.5	74.6	61.5	50.5	41.3	32.0	21.9
-10°	203.5	165.1	133.8	109.3	89.9	74.3	61.4	50.6	41.4	32.1	22.1
-12.5°	197.9	161.3	131.3	107.7	88.9	73.6	60.9	50.4	41.3	32.1	22.3
-15°	190.7	156.3	127.9	105.4	87.3	72.5	60.2	49.9	40.9	31.8	22.3
-17.5°	182.1	150.2	123.6	102.5	85.3	71.1	59.2	49.2	40.4	31.4	22.3
-20°	174.0	143.8	118.6	99.1	82.8	69.4	57.9	48.3	39.8	30.9	22.2

Classified

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

Scaled Data Report



REPORT NUMBER: P626532 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA1A-722-U-WR-VSR-XX

CANDELA DISTRIBUTION (continued):

	47.5°	50°	52.5°	55°	57.5°	60°	62.5°	65°	67.5°	70°	72.5°
-22.5°	165.0	137.2	114.2	95.7	80.1	67.4	56.4	47.3	39.1	30.3	22.0
-25°	154.7	129.7	109.2	91.9	77.5	65.4	54.8	46.0	38.2	29.6	21.7
-27.5°	145.0	121.9	103.5	87.6	74.6	63.2	53.3	44.9	37.3	28.8	21.3
-30°	135.1	115.2	98.1	83.1	71.3	60.7	51.5	43.7	36.2	28.1	20.8
-32.5°	125.1	107.9	92.3	79.2	68.1	58.0	49.6	42.3	35.0	27.5	20.4
-35°	116.5	100.6	86.0	75.0	64.8	55.7	47.7	40.9	33.9	26.7	20.0
-37.5°	107.3	93.3	81.2	70.8	61.4	53.2	45.8	39.3	32.7	25.9	19.5
-40°	99.1	86.4	75.9	66.8	58.2	50.5	43.8	37.6	31.6	24.9	18.9
-42.5°	90.7	80.2	70.8	62.5	55.0	48.0	41.6	35.7	30.1	24.1	18.2
-45°	83.4	73.9	65.6	58.5	51.7	45.3	39.4	33.8	28.6	23.2	17.5
-47.5°	75.8	67.7	60.6	54.4	48.5	42.5	37.1	32.0	27.0	22.2	16.7
-50°	68.7	61.9	56.0	50.4	44.9	39.9	34.8	30.2	25.5	20.9	15.9
-52.5°	62.4	56.7	51.5	46.4	41.7	37.1	32.8	28.3	24.0	19.6	15.0
-55°	56.8	51.8	47.1	42.7	38.5	34.7	30.7	26.6	22.4	18.2	14.1
-57.5°	51.5	47.0	43.0	39.1	35.5	32.2	28.6	24.7	20.7	16.8	13.2
-60°	46.2	42.5	39.0	35.7	32.6	29.6	26.6	22.8	19.1	15.4	12.2
-62.5°	41.1	38.0	35.3	32.4	29.5	26.9	24.4	20.9	17.3	14.0	11.0
-65°	36.1	33.7	31.5	28.8	26.3	24.1	22.0	18.8	15.5	12.5	9.8
-67.5°	31.1	29.1	27.2	25.0	23.1	21.3	19.5	16.6	13.6	10.9	8.5
-70°	26.1	24.4	23.0	21.6	20.0	18.4	16.7	14.2	11.6	9.3	7.3
-72.5°	21.1	20.1	19.2	18.2	17.0	15.5	13.8	11.8	9.7	7.8	5.9
-75°	16.2	16.0	15.8	15.1	13.9	12.5	11.2	9.6	7.8	6.2	4.8
-77.5°	12.8	12.7	12.5	12.1	11.0	9.9	8.7	7.4	6.0	4.9	3.8
-80°	9.5	9.5	9.4	9.1	8.2	7.2	6.4	5.6	4.6	3.6	2.7
-82.5°	6.3	6.3	6.4	6.3	5.6	5.0	4.4	3.9	3.1	2.4	1.8
-85°	3.5	3.6	3.6	3.6	3.2	2.8	2.6	2.4	1.9	1.6	1.2
-87.5°	1.5	1.5	1.6	1.7	1.5	1.4	1.3	1.2	1.0	0.8	0.6
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

Classified

Cooper Lighting Solutions Photometric Lab
1121 Highway 74 South
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Scaled Data Report



REPORT NUMBER: P626532 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA1A-722-U-WR-VSR-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°	0.0	0.0	0.0	0.0	0.0	0.0	0.0
85°	0.1	0.0	0.0	0.0	0.0	0.0	0.0
82.5°	0.1	0.1	0.1	0.0	0.0	0.0	0.0
80°	0.1	0.1	0.1	0.1	0.0	0.0	0.0
77.5°	0.1	0.1	0.1	0.1	0.0	0.0	0.0
75°	0.1	0.1	0.1	0.1	0.1	0.0	0.0
72.5°	0.1	0.1	0.1	0.1	0.1	0.0	0.0
70°	0.1	0.1	0.1	0.1	0.1	0.0	0.0
67.5°	0.1	0.1	0.1	0.1	0.1	0.0	0.0
65°	0.1	0.1	0.1	0.1	0.1	0.0	0.0
62.5°	0.2	0.2	0.1	0.1	0.1	0.0	0.0
60°	0.2	0.2	0.1	0.1	0.1	0.0	0.0
57.5°	0.4	0.2	0.1	0.1	0.1	0.1	0.0
55°	0.6	0.3	0.2	0.1	0.1	0.1	0.0
52.5°	0.8	0.4	0.3	0.1	0.1	0.1	0.0
50°	1.1	0.6	0.3	0.1	0.1	0.1	0.0
47.5°	1.4	0.9	0.4	0.1	0.1	0.1	0.0
45°	2.2	1.2	0.4	0.2	0.1	0.1	0.0
42.5°	2.9	1.5	0.5	0.2	0.1	0.1	0.0
40°	3.7	1.8	0.6	0.3	0.1	0.1	0.0
37.5°	4.4	2.1	0.9	0.3	0.1	0.1	0.0
35°	5.1	2.6	1.1	0.4	0.2	0.1	0.0
32.5°	5.9	3.2	1.4	0.5	0.2	0.1	0.0
30°	6.8	3.7	1.6	0.6	0.2	0.1	0.0
27.5°	7.6	4.3	1.9	0.6	0.2	0.1	0.0
25°	8.4	4.8	2.2	0.7	0.2	0.1	0.0
22.5°	9.2	5.3	2.4	0.8	0.2	0.1	0.0
20°	9.9	5.8	2.7	0.9	0.2	0.1	0.0
17.5°	10.6	6.3	2.9	1.0	0.2	0.1	0.0
15°	11.2	6.7	3.2	1.1	0.2	0.1	0.0
12.5°	11.8	7.1	3.4	1.1	0.2	0.1	0.0
10°	12.4	7.5	3.6	1.2	0.3	0.1	0.0
7.5°	12.8	7.8	3.8	1.3	0.3	0.1	0.0
5°	13.2	8.1	4.0	1.4	0.3	0.1	0.0
2.5°	13.6	8.4	4.2	1.4	0.3	0.1	0.0
0°	13.9	8.6	4.3	1.5	0.3	0.1	0.0
-2.5°	14.3	8.9	4.5	1.6	0.3	0.1	0.0
-5°	14.6	9.1	4.7	1.7	0.4	0.1	0.0
-7.5°	14.8	9.3	4.8	1.8	0.4	0.1	0.0
-10°	15.0	9.4	5.0	1.9	0.4	0.1	0.0
-12.5°	15.1	9.5	5.0	1.9	0.5	0.2	0.0
-15°	15.1	9.5	5.1	2.0	0.5	0.2	0.0
-17.5°	15.1	9.5	5.1	2.0	0.5	0.2	0.0
-20°	15.0	9.5	5.1	2.0	0.6	0.2	0.0

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REPORT NUMBER: P626532 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA1A-722-U-WR-VSR-XX

CANDELA DISTRIBUTION (continued):

	75°	77.5°	80°	82.5°	85°	87.5°	90°
-22.5°	15.0	9.4	5.1	2.1	0.6	0.2	0.0
-25°	14.9	9.4	5.0	2.1	0.6	0.2	0.0
-27.5°	14.8	9.3	4.9	2.0	0.6	0.2	0.0
-30°	14.6	9.2	4.8	2.0	0.6	0.2	0.0
-32.5°	14.3	9.1	4.7	2.0	0.7	0.2	0.0
-35°	14.0	8.9	4.6	1.9	0.7	0.2	0.0
-37.5°	13.7	8.6	4.5	1.8	0.7	0.2	0.0
-40°	13.3	8.4	4.3	1.7	0.7	0.2	0.0
-42.5°	12.9	8.2	4.2	1.6	0.7	0.2	0.0
-45°	12.3	7.9	4.1	1.6	0.7	0.2	0.0
-47.5°	11.7	7.5	4.0	1.5	0.6	0.2	0.0
-50°	11.2	7.1	3.8	1.4	0.6	0.2	0.0
-52.5°	10.6	6.6	3.6	1.4	0.6	0.2	0.0
-55°	9.9	6.2	3.3	1.4	0.6	0.2	0.0
-57.5°	9.2	5.8	3.0	1.4	0.6	0.2	0.0
-60°	8.5	5.3	2.7	1.3	0.5	0.2	0.0
-62.5°	7.7	4.8	2.5	1.2	0.5	0.1	0.0
-65°	6.9	4.2	2.3	1.1	0.5	0.1	0.0
-67.5°	6.0	3.6	2.1	1.0	0.4	0.1	0.0
-70°	5.1	3.2	1.8	0.9	0.4	0.1	0.0
-72.5°	4.3	2.7	1.5	0.8	0.3	0.1	0.0
-75°	3.5	2.2	1.2	0.7	0.3	0.1	0.0
-77.5°	2.7	1.7	1.0	0.6	0.3	0.1	0.0
-80°	1.9	1.3	0.8	0.5	0.2	0.1	0.0
-82.5°	1.4	1.0	0.6	0.3	0.2	0.0	0.0
-85°	0.9	0.6	0.4	0.2	0.1	0.0	0.0
-87.5°	0.5	0.3	0.2	0.1	0.1	0.0	0.0
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0

(END OF REPORT)