

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: P626650 (CONVERTED FROM TYPE C PHOTOMETRY)

Luminaire Tested: **GFLD-SA1C-722-U-VWR-VSR-XX**

Issue Date: 12/7/2022

Test Information

Test Method: LM-79-08
Report Number: P626650 (CONVERTED FROM TYPE C PHOTOMETRY)
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G2-2210-813-18)
Test Lab: COOPER LIGHTING SOLUTIONS
Issue Date: 12/7/2022
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: MCGRAW-EDISON
Catalog Number: GFLD-SA1C-722-U-VWR-VSR-XX
Description: GALLEON FLOOD, ONE LIGHT SQAURE, VERY WIDE SYMMETRICAL ROUND N7 WITH VISOR
Light Source: (16) 2200K CCT, 70 CRI LEDS
Ballast/Driver: -

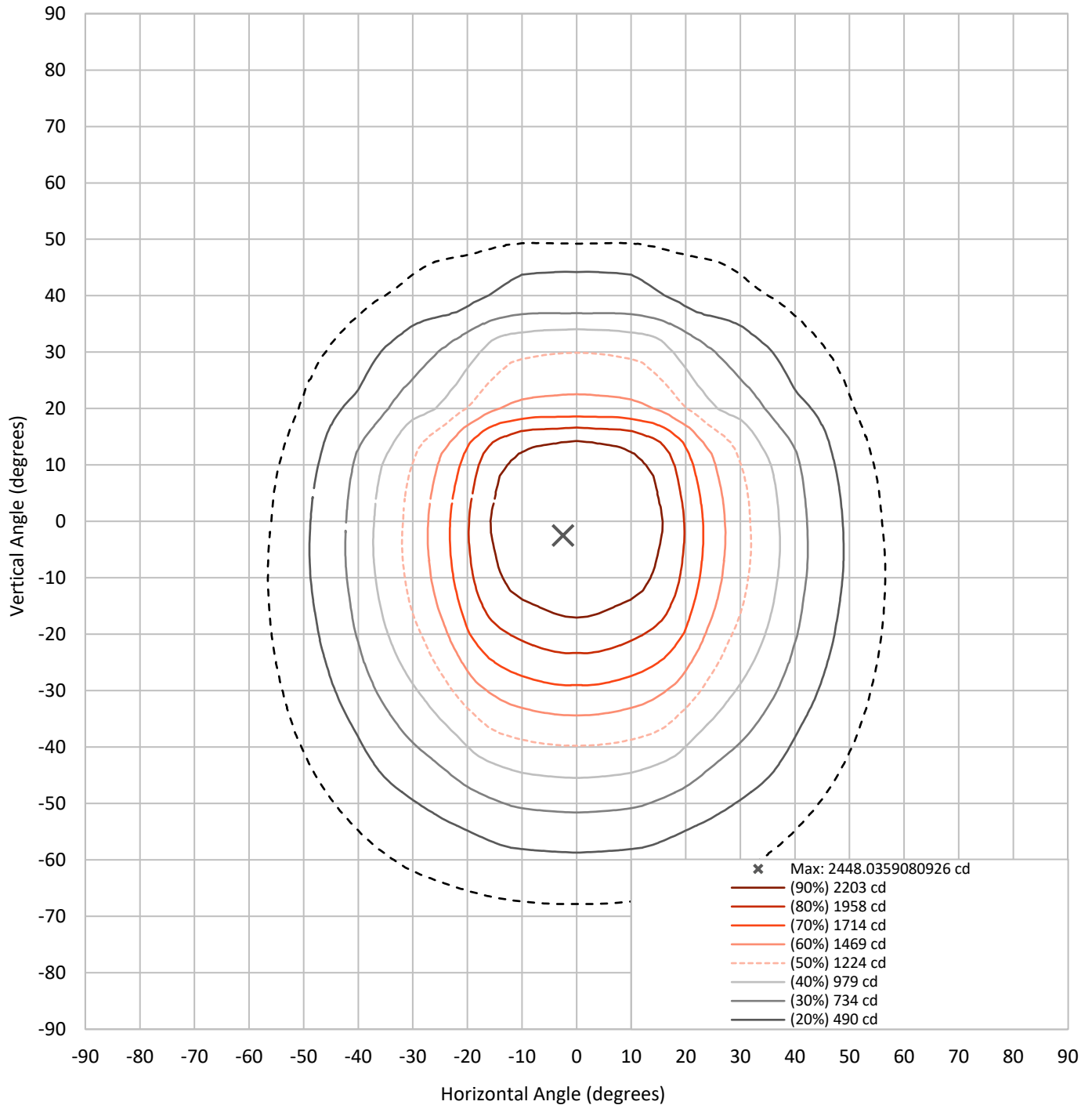
Summary

Lumens per Lamp:	N/A	NEMA Type:	6H x 6V
Luminaire Lumens:	3267 lumens	Max Intensity:	2448 candela
Efficiency:	N/A	Max Intensity Angle:	-2.5°H x -2.5°V
Efficacy:	75.1 lumens/watt		
Luminous Opening:	Rectangular (W 0.5' x L: 0.5' x H: 0')		
Beam Angle (50%):	63.9°H x 69.6°V	Field Angle (10%):	112.5°H x 117°V
Beam Lumens:	1890.2 lumens	Field Lumens:	3100.2 lumens
Beam Efficiency:	57.9%	Field Efficiency:	94.9%
Input Watts (W):	43.5		
Input Voltage (V):	120		
Input Current (Ain):	NR		
Voltage Rise (V):	NR		
Power Factor:	NR		
Total Harmonic Distortion (THDi):	NR		
Frequency (hertz):	60		
Stabilization Time:	NR		
Operation Time:	NR		
Ambient Temperature (°C):	NR		
Test Distance:	25 FT		



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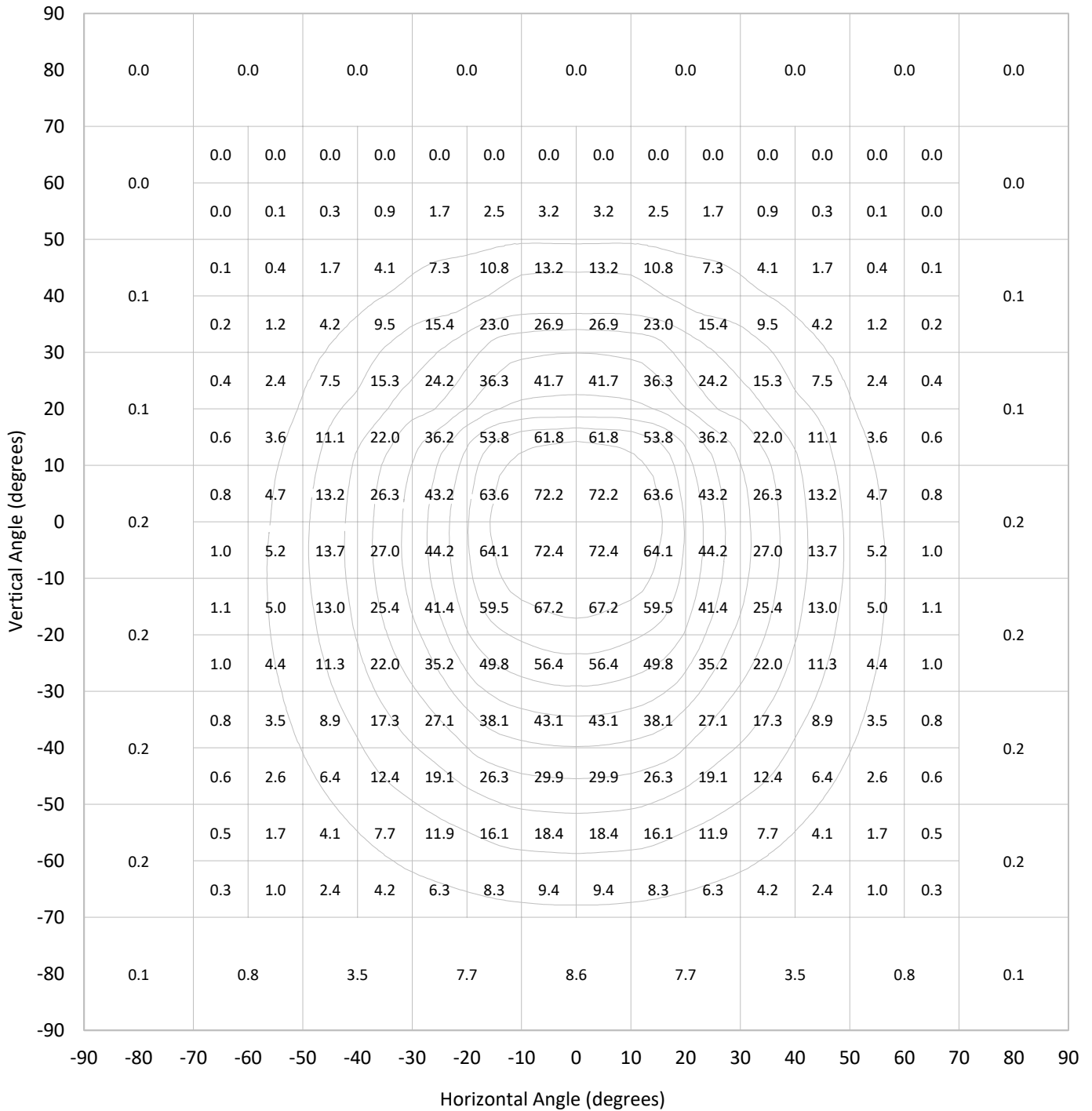
Iso-Candela Plot





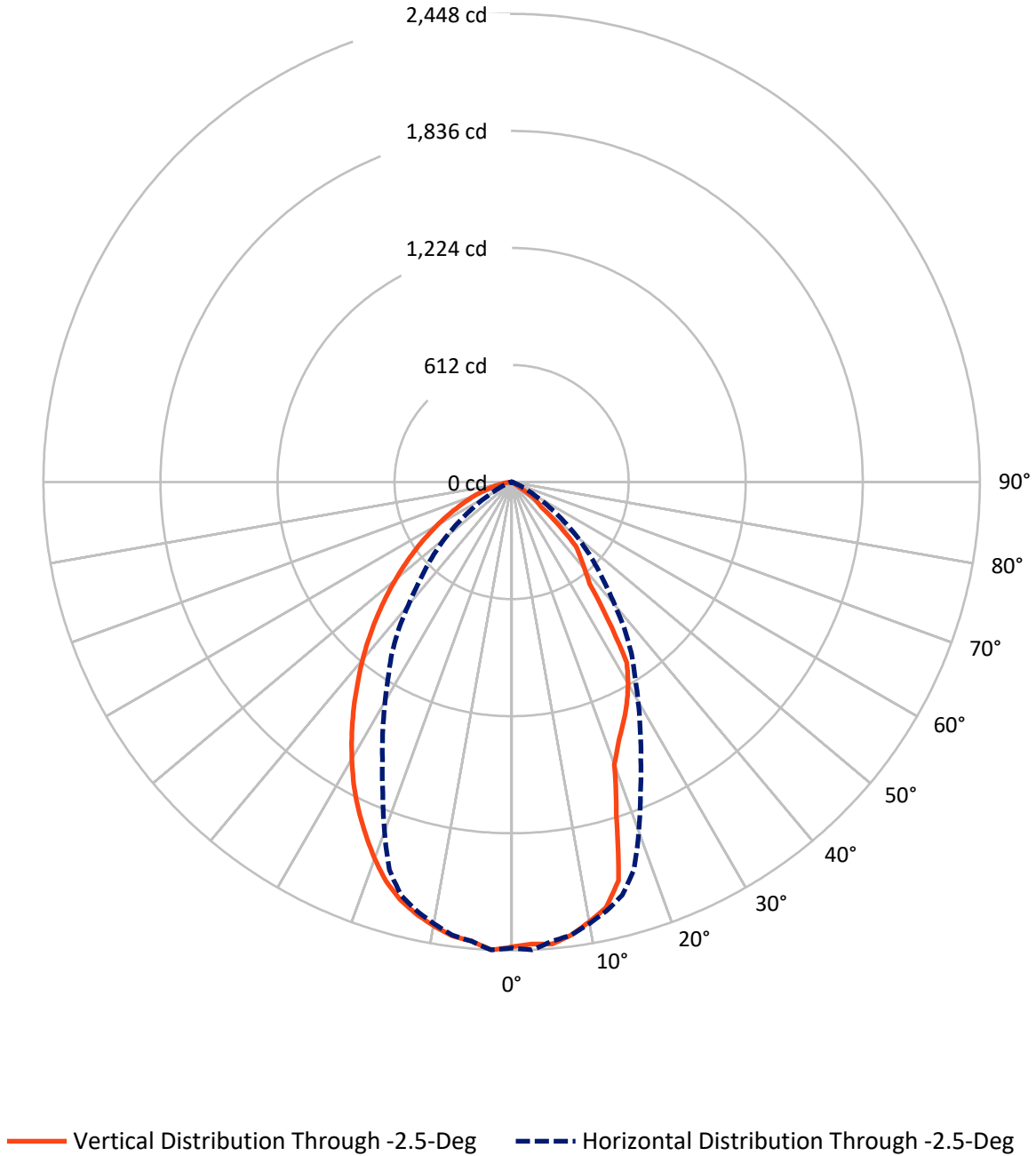
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Lumen Table



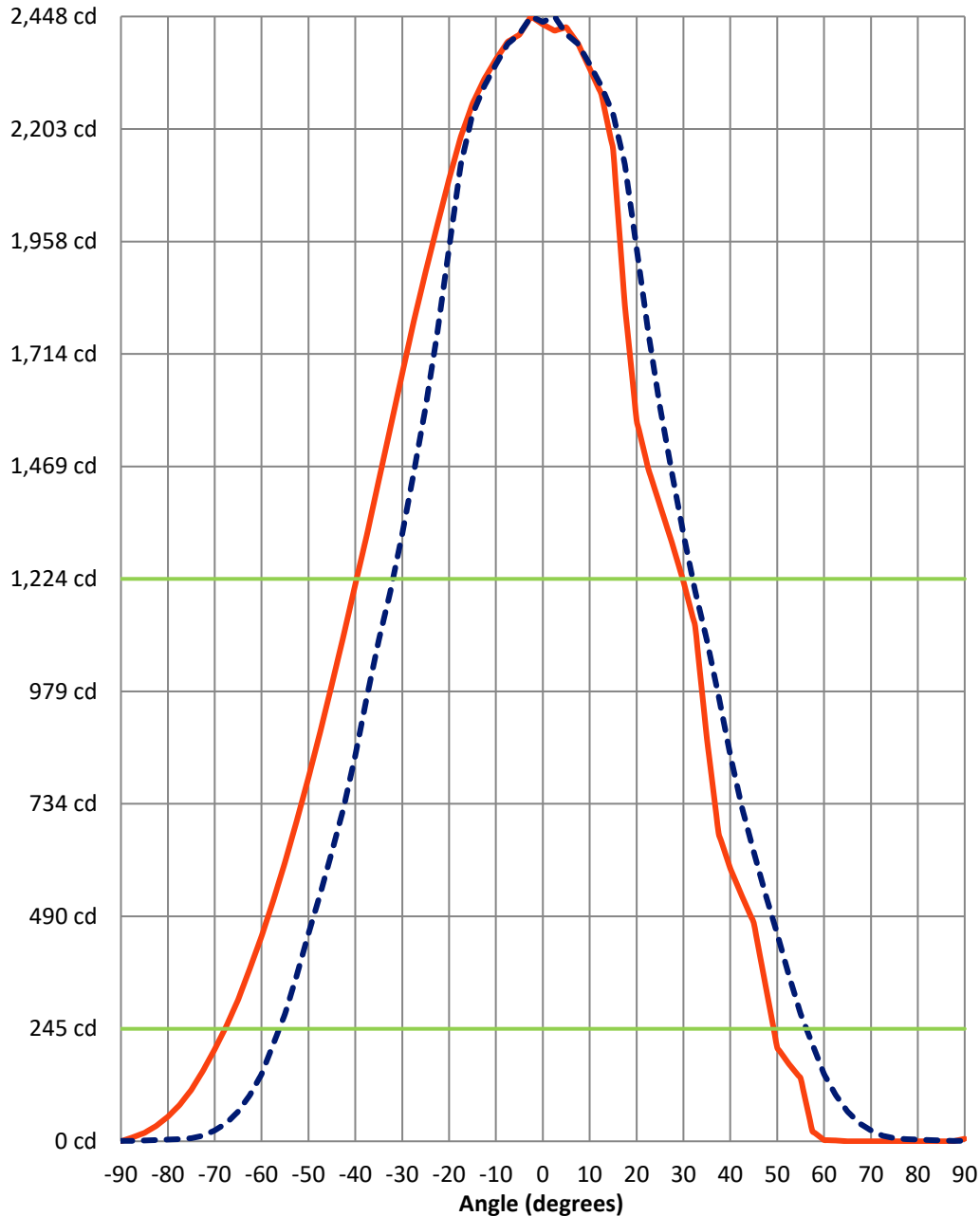
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Luminous Intensity Polar Plot



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Luminous Intensity Plot



Beam:
 H Angle: 63.9°
 V Angle: 69.6°
 Lumens: 1890.2
 Efficiency: 57.9%

Field:
 H Angle: 112.5°
 V Angle: 117°
 Lumens: 3100.2
 Efficiency: 94.9%

Spill:
 Lumens: 166.8
 Efficiency: 5.1%

— Vertical Distribution through -2.5-Deg
 - - - Horizontal Distribution through -2.5-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°	0.9	0.9	0.9	1.1	1.4	1.6	1.8	2.0	2.3	2.5	2.7
87.5°	0.9	0.9	0.9	0.9	0.8	0.8	0.7	0.5	0.3	0.1	0.0
85°	0.9	0.9	0.9	0.8	0.7	0.6	0.4	0.3	0.1	0.1	0.0
82.5°	0.9	0.9	0.9	0.8	0.7	0.5	0.2	0.1	0.0	0.1	0.2
80°	0.9	0.9	0.9	0.8	0.6	0.3	0.0	0.2	0.3	0.5	0.6
77.5°	0.9	0.9	0.9	0.8	0.5	0.3	0.3	0.4	0.6	0.8	0.8
75°	0.9	0.9	0.9	0.7	0.5	0.4	0.5	0.7	0.9	0.7	0.5
72.5°	0.9	0.9	0.9	0.7	0.6	0.6	0.7	0.9	0.8	0.5	0.2
70°	0.9	0.9	0.9	0.7	0.6	0.7	0.9	0.9	0.7	0.3	0.4
67.5°	0.9	0.9	0.9	0.8	0.7	0.8	0.9	0.8	0.6	0.7	0.8
65°	0.9	0.9	0.9	0.8	0.8	0.9	1.0	0.8	0.9	1.0	1.1
62.5°	0.9	0.9	0.9	0.8	0.8	1.0	1.0	1.0	1.2	1.4	1.2
60°	0.9	0.9	0.9	0.8	0.9	1.1	1.1	1.3	1.5	1.6	1.4
57.5°	0.9	0.9	0.9	0.9	1.0	1.2	1.3	1.6	1.8	1.8	1.8
55°	0.9	0.9	0.9	0.9	1.1	1.3	1.5	1.8	2.1	2.1	2.2
52.5°	0.9	0.9	0.9	0.9	1.2	1.4	1.7	2.1	2.3	2.5	2.7
50°	0.9	0.9	1.0	0.9	1.3	1.6	2.0	2.3	2.7	2.9	3.1
47.5°	0.9	0.9	1.0	0.9	1.4	1.7	2.2	2.6	3.0	3.3	3.5
45°	0.9	0.9	1.0	1.0	1.5	1.9	2.4	2.9	3.4	3.7	3.9
42.5°	0.9	0.9	1.0	1.1	1.6	2.1	2.6	3.2	3.7	4.1	4.8
40°	0.9	0.9	1.1	1.2	1.7	2.3	2.8	3.5	4.1	4.5	5.7
37.5°	0.9	0.9	1.1	1.3	1.8	2.4	3.0	3.8	4.5	5.1	6.6
35°	0.9	0.9	1.1	1.4	2.0	2.6	3.2	4.1	4.9	6.2	8.4
32.5°	0.9	0.9	1.2	1.5	2.1	2.7	3.4	4.5	5.3	7.5	12.1
30°	0.9	0.9	1.2	1.7	2.2	2.9	3.7	4.8	5.7	9.1	15.6
27.5°	0.9	0.9	1.3	1.8	2.4	3.0	4.0	5.2	6.5	10.8	19.0
25°	0.9	0.9	1.3	1.9	2.5	3.2	4.3	5.5	7.8	13.3	22.3
22.5°	0.9	0.9	1.4	2.0	2.6	3.3	4.5	5.9	9.2	16.0	26.7
20°	0.9	0.9	1.4	2.1	2.8	3.5	4.8	6.3	10.6	18.6	31.1
17.5°	0.9	0.9	1.5	2.2	2.9	3.7	5.1	6.6	12.1	21.1	35.4
15°	0.9	0.9	1.5	2.3	3.0	3.8	5.3	7.1	13.5	23.4	39.5
12.5°	0.9	0.9	1.6	2.3	3.2	4.0	5.5	7.7	15.2	25.5	43.6
10°	0.9	0.9	1.6	2.4	3.3	4.1	5.8	8.4	16.9	28.0	47.6
7.5°	0.9	0.9	1.7	2.5	3.4	4.3	5.9	9.1	18.6	30.4	51.8
5°	0.9	0.9	1.7	2.6	3.5	4.4	6.1	9.7	20.1	32.7	55.6
2.5°	0.9	0.9	1.8	2.6	3.6	4.5	6.3	10.4	21.5	34.8	59.1
0°	0.9	0.9	1.8	2.7	3.7	4.6	6.4	11.0	22.8	36.6	62.1
-2.5°	0.9	0.9	1.8	2.7	3.7	4.6	6.4	11.0	22.8	36.6	62.1
-5°	0.9	0.9	1.8	2.7	3.8	4.8	7.1	13.1	24.4	42.0	67.1
-7.5°	0.9	0.9	1.8	2.7	3.9	4.9	7.3	14.0	25.0	44.1	68.8
-10°	0.9	0.9	1.8	2.7	3.9	4.9	7.6	14.8	25.4	45.5	70.1
-12.5°	0.9	0.9	1.8	2.6	4.0	5.0	7.8	15.3	25.7	46.3	71.1
-15°	0.9	0.9	1.7	2.6	4.0	5.0	7.9	15.6	26.3	46.2	71.5
-17.5°	0.9	0.9	1.7	2.6	4.0	5.1	7.9	16.0	27.1	45.8	71.0
-20°	0.9	0.9	1.7	2.5	3.9	5.1	8.1	16.3	27.6	44.9	69.7

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CATALOG NUMBER: GFLD-SA1C-722-U-VWR-VSR-XX

CANDELA DISTRIBUTION (continued):

	-90°	-87.5°	-85°	-82.5°	-80°	-77.5°	-75°	-72.5°	-70°	-67.5°	-65°
-22.5°	0.9	0.9	1.7	2.5	3.9	5.1	8.6	16.4	27.8	43.7	67.5
-25°	0.9	0.9	1.6	2.4	3.8	5.5	9.1	16.4	27.8	42.2	64.4
-27.5°	0.9	0.9	1.6	2.4	3.7	5.9	9.4	16.1	27.4	40.8	62.0
-30°	0.9	0.9	1.6	2.3	3.6	6.3	9.7	15.7	26.9	40.3	59.5
-32.5°	0.9	0.9	1.5	2.3	3.7	6.6	9.8	15.7	26.2	39.3	56.5
-35°	0.9	0.9	1.5	2.2	3.8	6.8	10.0	15.8	25.3	37.9	53.3
-37.5°	0.9	0.9	1.4	2.1	3.9	6.9	10.3	15.7	24.1	36.0	51.8
-40°	0.9	0.9	1.4	2.1	3.9	7.0	10.5	15.5	22.7	34.3	50.2
-42.5°	0.9	0.9	1.3	2.0	3.9	7.0	10.5	15.2	21.9	32.9	47.7
-45°	0.9	0.9	1.3	2.0	4.0	6.9	10.5	14.9	21.3	31.1	44.6
-47.5°	0.9	0.9	1.2	2.0	3.9	6.8	10.3	14.6	20.5	29.0	42.1
-50°	0.9	0.9	1.2	2.0	3.9	6.7	10.1	14.3	19.9	28.2	39.2
-52.5°	0.9	0.9	1.1	2.0	3.7	6.5	9.8	13.8	19.4	27.2	36.0
-55°	0.9	0.9	1.0	1.9	3.6	6.2	9.5	13.1	18.8	26.0	34.5
-57.5°	0.9	0.9	1.0	1.8	3.4	5.9	9.1	12.6	17.9	24.7	32.8
-60°	0.9	0.9	0.9	1.8	3.2	5.5	8.6	12.0	16.8	23.2	30.7
-62.5°	0.9	0.9	0.9	1.7	3.0	5.0	7.9	11.2	15.4	21.3	28.3
-65°	0.9	0.9	0.9	1.6	2.8	4.5	7.1	10.1	13.7	18.9	25.6
-67.5°	0.9	0.9	0.9	1.4	2.6	4.0	6.2	8.9	11.8	16.1	22.0
-70°	0.9	0.9	0.9	1.3	2.3	3.6	5.3	7.6	10.1	13.0	17.8
-72.5°	0.9	0.9	0.9	1.3	2.1	3.2	4.7	6.2	8.3	10.8	13.6
-75°	0.9	0.9	0.9	1.3	1.8	2.8	4.1	5.2	6.5	8.5	10.8
-77.5°	0.9	0.9	0.9	1.2	1.7	2.4	3.4	4.4	5.4	6.4	7.9
-80°	0.9	0.9	0.9	1.2	1.6	2.1	2.7	3.5	4.3	5.2	6.1
-82.5°	0.9	0.9	0.9	1.2	1.6	2.0	2.5	2.8	3.3	3.9	4.6
-85°	0.9	0.9	0.9	1.2	1.5	1.9	2.3	2.6	2.9	3.2	3.5
-87.5°	0.9	0.9	0.9	1.2	1.4	1.7	2.0	2.3	2.6	2.8	3.1
-90°	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.7	0.4	0.2	0.0



REPORT NUMBER: P626650 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA1C-722-U-VWR-VSR-XX

CANDELA DISTRIBUTION (continued):

	-62.5°	-60°	-57.5°	-55°	-52.5°	-50°	-47.5°	-45°	-42.5°	-40°	-37.5°
90°	2.7	2.7	2.7	2.7	2.7	2.7	2.7	2.7	3.0	3.2	3.5
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°	0.3	0.2	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
80°	0.6	0.5	0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
77.5°	0.5	0.3	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
75°	0.2	0.0	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
72.5°	0.1	0.3	0.2	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0
70°	0.5	0.6	0.4	0.1	0.0	0.0	0.1	0.1	0.0	0.0	0.1
67.5°	0.8	0.6	0.4	0.3	0.3	0.5	0.4	0.5	0.5	0.5	0.5
65°	0.9	0.7	0.7	0.8	0.9	1.0	1.0	1.1	0.9	0.8	0.8
62.5°	0.9	1.0	1.2	1.3	1.4	1.6	1.6	1.4	1.1	1.3	1.5
60°	1.3	1.5	1.7	1.8	2.0	2.1	2.0	2.1	2.3	2.6	5.1
57.5°	1.8	1.9	2.1	2.4	2.7	2.7	2.8	3.1	7.2	11.8	13.0
55°	2.3	2.4	2.8	3.2	3.5	3.5	5.0	10.5	15.9	22.1	24.4
52.5°	2.8	2.9	3.6	4.2	4.5	7.1	12.7	20.2	28.2	35.3	44.4
50°	3.2	3.9	4.6	5.4	8.6	15.2	23.4	33.7	45.7	57.0	68.6
47.5°	4.1	4.9	5.9	8.5	16.9	26.1	37.5	54.1	68.9	82.5	98.3
45°	5.0	6.8	7.9	16.8	26.6	38.4	57.8	78.0	91.4	109.7	137.7
42.5°	6.0	9.4	15.1	25.4	37.4	56.4	80.4	97.6	115.5	145.1	174.5
40°	8.7	12.5	22.8	35.1	50.2	78.0	102.6	122.1	146.4	179.3	210.0
37.5°	11.9	19.1	30.6	45.4	70.4	100.8	127.1	155.0	183.0	214.0	271.0
35°	15.5	25.3	40.6	60.4	90.5	126.1	157.5	188.6	220.9	281.8	338.4
32.5°	20.1	30.9	50.9	78.0	112.3	151.3	187.8	223.8	275.5	344.5	401.3
30°	25.1	40.0	62.9	94.2	132.8	174.4	218.3	261.9	330.4	387.4	449.1
27.5°	30.3	49.6	76.9	111.1	152.0	196.2	245.7	308.0	369.1	425.4	493.2
25°	35.7	59.5	89.7	127.3	170.9	219.8	276.7	352.6	400.4	462.7	533.3
22.5°	42.6	69.1	102.4	142.0	188.4	244.0	316.7	392.8	449.0	501.4	570.5
20°	50.6	79.8	116.2	160.4	205.5	267.7	356.4	436.4	502.6	562.6	626.0
17.5°	58.0	89.8	130.9	179.2	230.5	298.0	395.3	483.9	556.7	623.6	702.8
15°	64.9	99.1	145.3	197.0	255.0	332.8	430.2	527.5	610.6	685.9	775.9
12.5°	71.3	107.6	159.3	213.6	278.1	362.7	459.6	554.5	645.9	743.9	846.1
10°	76.9	115.2	172.4	229.0	299.5	388.1	483.8	577.0	669.2	773.0	886.4
7.5°	83.0	122.4	184.3	242.9	319.0	409.0	503.1	595.1	688.1	796.2	912.7
5°	88.7	128.9	193.8	252.9	334.1	425.3	517.7	608.8	702.4	813.5	932.6
2.5°	93.6	134.4	201.5	260.8	345.3	437.4	527.2	620.3	713.0	827.5	947.7
0°	97.8	138.9	207.4	266.8	353.7	446.0	532.8	627.8	719.2	837.1	957.7
-2.5°	100.5	146.2	211.5	277.3	361.1	451.6	537.8	629.9	725.9	840.1	968.9
-5°	102.4	152.2	213.9	285.4	365.9	454.1	539.4	628.3	727.6	839.3	970.6
-7.5°	103.5	156.4	215.1	290.0	367.5	452.6	536.6	625.2	724.7	836.5	963.3
-10°	104.1	157.7	216.6	288.6	365.3	447.7	530.4	617.9	716.4	827.1	949.6
-12.5°	105.8	156.9	216.4	285.6	360.5	440.3	521.3	606.4	702.6	811.2	930.5
-15°	106.3	155.0	213.8	281.1	353.2	430.6	509.2	590.6	685.6	795.7	909.4
-17.5°	105.3	152.2	208.7	275.3	343.3	418.8	495.1	576.5	669.6	777.7	887.3
-20°	102.8	148.5	201.1	268.5	331.7	405.8	481.0	561.6	651.2	752.9	862.5



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 CATALOG NUMBER: GFLD-SA1C-722-U-VWR-VSR-XX

CANDELA DISTRIBUTION (continued):

	-62.5°	-60°	-57.5°	-55°	-52.5°	-50°	-47.5°	-45°	-42.5°	-40°	-37.5°
-22.5°	98.8	144.0	192.8	259.0	321.6	390.8	464.4	541.3	628.3	720.6	829.1
-25°	94.7	139.0	186.3	245.9	309.4	373.4	445.3	516.5	601.2	691.9	788.2
-27.5°	90.8	132.0	179.5	231.6	295.1	354.7	423.8	493.2	570.8	659.8	748.4
-30°	85.6	124.3	171.2	217.9	278.1	337.1	399.8	468.1	537.8	622.3	709.5
-32.5°	81.1	116.5	161.8	207.4	259.8	317.3	373.8	439.0	507.0	579.0	665.2
-35°	78.1	111.8	151.8	195.2	241.0	295.8	349.5	406.1	472.1	539.6	615.3
-37.5°	75.6	106.4	141.3	182.6	226.2	273.2	323.5	375.5	433.1	501.2	572.4
-40°	71.8	100.4	133.5	170.6	209.0	251.8	298.5	345.5	395.4	462.0	532.2
-42.5°	66.8	94.6	126.2	157.5	192.6	231.6	273.2	317.5	365.4	423.2	487.7
-45°	63.0	87.1	118.0	146.1	175.1	210.8	249.8	290.0	335.2	384.8	442.8
-47.5°	58.2	78.9	107.3	133.5	159.2	189.6	225.3	263.3	303.4	348.1	395.5
-50°	53.1	72.2	94.3	119.8	144.2	169.5	200.0	235.2	271.5	310.5	352.9
-52.5°	49.1	64.3	84.4	105.6	128.9	151.9	177.8	208.0	240.4	273.0	310.3
-55°	44.7	58.4	75.1	94.1	113.9	135.2	158.7	185.2	211.6	241.5	271.3
-57.5°	41.5	52.8	67.2	83.8	101.6	119.7	141.9	164.2	188.7	213.5	238.1
-60°	39.1	48.0	59.9	74.5	90.4	107.2	125.5	146.1	167.2	187.4	208.7
-62.5°	36.3	44.0	53.4	65.3	79.6	94.3	110.4	128.0	147.1	164.1	180.6
-65°	32.7	39.4	47.4	57.1	68.4	80.8	94.5	109.4	125.9	139.7	153.2
-67.5°	28.5	34.2	40.9	48.8	58.2	67.9	78.0	90.6	103.9	115.2	126.2
-70°	23.3	28.5	34.0	40.5	47.9	56.1	64.9	74.1	83.2	92.4	102.5
-72.5°	17.8	22.6	27.3	31.9	37.7	44.5	51.7	59.4	67.4	75.2	82.9
-75°	13.6	16.7	20.8	24.9	29.0	33.4	38.2	44.4	51.8	59.4	66.4
-77.5°	10.3	12.9	15.6	18.4	21.0	24.2	27.7	31.5	37.7	44.7	51.8
-80°	7.4	9.0	11.1	13.4	15.2	17.0	18.8	20.7	25.3	31.0	37.1
-82.5°	5.5	6.6	7.8	9.1	10.0	10.9	11.9	13.2	16.5	20.4	24.4
-85°	3.8	4.1	4.8	5.5	6.0	6.5	7.1	7.6	9.4	11.5	13.6
-87.5°	3.3	3.4	3.6	3.8	3.9	3.9	4.0	4.0	4.7	5.3	6.0
-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: P626650 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA1C-722-U-VWR-VSR-XX

CANDELA DISTRIBUTION (continued):

	-35°	-32.5°	-30°	-27.5°	-25°	-22.5°	-20°	-17.5°	-15°	-12.5°	-10°
90°	3.7	3.9	4.2	4.4	4.6	4.8	5.1	5.3	5.5	5.5	5.5
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°	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
67.5°	0.4	0.5	0.5	0.4	0.2	0.0	0.0	0.0	0.0	0.0	0.0
65°	0.9	0.9	0.7	0.4	0.2	0.3	0.5	0.6	0.7	0.6	0.5
62.5°	1.4	1.3	1.2	1.4	1.6	1.9	1.8	1.7	1.6	1.5	1.6
60°	5.4	3.6	4.1	5.2	4.9	3.3	5.5	6.2	5.3	3.6	3.5
57.5°	13.7	13.2	15.2	22.1	24.3	22.2	26.5	32.2	32.0	27.6	27.4
55°	29.2	39.2	51.2	53.1	61.5	78.3	91.4	85.7	85.6	89.9	103.8
52.5°	55.4	64.8	68.4	77.7	95.2	107.9	116.1	124.5	133.8	143.2	152.8
50°	81.4	90.5	100.9	110.4	134.7	147.7	145.5	163.0	185.4	199.4	206.6
47.5°	119.3	133.7	155.6	190.0	208.1	221.2	237.4	257.3	282.9	317.8	344.6
45°	164.1	186.7	220.6	257.1	285.2	298.0	316.6	347.3	388.2	428.1	457.2
42.5°	200.6	231.6	269.9	304.8	327.7	348.7	372.8	398.7	445.6	488.1	521.8
40°	248.3	272.5	315.4	348.3	368.8	389.6	427.8	466.6	510.6	550.3	577.8
37.5°	308.7	336.0	380.6	417.8	437.5	444.9	509.8	563.8	599.6	650.2	666.8
35°	373.7	418.5	475.4	523.6	543.0	581.6	648.5	723.7	805.3	835.3	860.9
32.5°	446.1	501.4	578.6	630.3	658.0	716.6	801.2	881.6	988.3	1046.2	1063.5
30°	512.4	575.9	642.2	692.5	739.7	810.3	887.5	986.6	1085.2	1159.3	1182.2
27.5°	561.0	631.3	695.1	742.1	795.4	871.5	967.7	1068.1	1164.9	1240.4	1267.3
25°	607.5	686.9	737.4	792.1	854.6	937.6	1044.3	1155.8	1251.1	1314.9	1347.9
22.5°	660.3	738.6	792.8	839.2	920.9	1016.5	1115.5	1241.5	1342.5	1393.5	1429.2
20°	714.8	803.4	887.1	930.2	1001.0	1122.0	1232.8	1351.8	1449.3	1502.4	1540.0
17.5°	790.9	903.7	1006.4	1067.5	1143.3	1288.0	1426.3	1546.6	1682.3	1730.2	1776.2
15°	871.0	1001.6	1122.0	1218.7	1316.6	1460.0	1638.1	1783.2	1938.1	2007.3	2085.5
12.5°	951.0	1074.5	1183.6	1308.4	1446.4	1573.2	1742.7	1923.5	2064.0	2152.3	2204.9
10°	1010.7	1125.5	1230.4	1355.5	1493.3	1636.7	1805.1	1990.5	2137.6	2212.8	2255.8
7.5°	1043.0	1152.8	1263.5	1390.3	1527.4	1680.2	1853.7	2037.6	2188.0	2260.9	2303.4
5°	1066.9	1172.4	1287.0	1420.5	1559.1	1714.0	1887.3	2069.0	2206.2	2283.7	2337.4
2.5°	1081.4	1184.9	1302.0	1440.0	1579.0	1740.3	1922.0	2110.4	2230.4	2292.7	2342.1
0°	1085.6	1189.8	1310.4	1450.3	1592.8	1755.5	1935.5	2121.9	2243.5	2303.8	2354.1
-2.5°	1090.3	1197.6	1321.5	1456.9	1598.3	1760.4	1944.2	2125.8	2235.2	2296.0	2343.9
-5°	1087.1	1198.2	1321.8	1451.4	1593.7	1754.6	1931.0	2100.9	2215.3	2281.0	2328.6
-7.5°	1077.3	1190.0	1312.2	1436.8	1576.4	1739.1	1914.8	2078.3	2194.2	2263.6	2315.6
-10°	1062.9	1172.4	1295.5	1421.7	1559.6	1714.5	1887.4	2050.0	2160.9	2234.6	2295.2
-12.5°	1047.1	1154.2	1272.9	1394.0	1530.3	1683.3	1850.9	2004.8	2115.0	2195.4	2238.7
-15°	1023.6	1130.7	1244.1	1361.2	1494.1	1642.6	1802.7	1950.3	2058.5	2123.9	2171.8
-17.5°	993.7	1098.8	1206.3	1317.3	1442.6	1588.8	1749.8	1895.5	1983.7	2042.1	2089.1
-20°	961.6	1058.8	1160.7	1265.5	1386.8	1531.6	1689.8	1816.9	1900.0	1956.1	2000.5

Classified

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

Scaled Data Report



REPORT NUMBER: P626650 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA1C-722-U-VWR-VSR-XX

CANDELA DISTRIBUTION (continued):

	-35°	-32.5°	-30°	-27.5°	-25°	-22.5°	-20°	-17.5°	-15°	-12.5°	-10°
-22.5°	925.0	1018.6	1111.9	1212.1	1331.1	1463.8	1603.5	1726.3	1815.8	1866.8	1907.9
-25°	883.3	974.3	1062.9	1159.7	1269.1	1388.4	1518.3	1638.9	1719.0	1773.2	1814.0
-27.5°	838.3	923.8	1010.4	1097.2	1195.6	1314.5	1434.8	1546.9	1615.2	1669.9	1710.9
-30°	793.4	870.4	950.4	1032.7	1125.0	1232.1	1344.7	1438.9	1511.0	1564.1	1602.2
-32.5°	744.8	817.8	888.7	965.6	1052.5	1146.9	1245.7	1335.3	1412.4	1461.1	1493.1
-35°	695.0	765.7	830.6	900.3	977.0	1058.5	1149.7	1238.0	1314.1	1352.7	1383.9
-37.5°	643.1	713.6	775.1	833.4	899.4	974.9	1063.7	1148.0	1213.8	1246.9	1275.1
-40°	598.0	660.0	715.4	771.1	824.8	891.9	974.7	1056.4	1109.1	1141.4	1167.6
-42.5°	554.1	606.5	651.8	701.8	755.5	821.6	888.5	957.0	999.4	1035.2	1062.7
-45°	503.1	549.9	592.5	634.0	683.0	743.3	804.1	858.9	898.6	933.3	960.1
-47.5°	446.7	491.8	533.2	570.3	615.9	666.2	717.4	763.0	802.2	836.4	860.3
-50°	394.1	434.4	474.8	512.4	551.8	592.6	634.0	674.1	711.3	744.6	765.0
-52.5°	347.0	384.2	419.5	452.4	486.9	521.3	555.6	592.3	626.6	658.0	674.3
-55°	304.3	337.9	369.7	397.4	425.1	452.5	481.9	515.8	547.3	576.4	588.1
-57.5°	266.1	294.8	323.0	346.4	369.0	390.7	416.5	445.1	472.8	497.7	507.3
-60°	230.9	253.7	277.2	298.0	317.7	336.3	358.9	381.9	404.3	423.1	431.2
-62.5°	198.5	218.0	235.8	252.7	269.4	286.1	304.4	322.6	340.7	355.2	362.6
-65°	167.3	182.8	197.1	211.0	224.5	238.6	252.8	266.7	280.1	290.5	296.8
-67.5°	138.0	149.8	161.1	172.0	183.2	194.6	205.8	216.4	226.5	234.5	240.6
-70°	112.0	121.2	130.1	139.0	148.4	157.3	165.7	173.6	181.1	186.9	191.6
-72.5°	90.3	97.7	105.4	113.5	121.0	127.7	133.7	139.5	145.1	148.4	150.8
-75°	72.8	79.0	85.7	92.3	98.6	103.7	108.1	112.4	116.5	116.7	115.9
-77.5°	58.8	64.4	69.6	74.7	79.8	82.9	85.6	88.4	91.2	89.6	87.0
-80°	43.2	47.8	52.2	56.6	61.0	62.9	64.2	65.3	66.2	64.1	61.4
-82.5°	28.6	31.6	34.4	37.3	40.3	41.5	42.3	43.1	43.6	41.7	39.5
-85°	16.0	17.4	18.8	20.2	21.6	22.4	23.1	23.8	24.5	23.3	22.0
-87.5°	6.6	7.0	7.3	7.6	7.9	8.1	8.4	8.7	9.0	9.0	9.0
-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: P626650 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA1C-722-U-VWR-VSR-XX

CANDELA DISTRIBUTION (continued):

	-7.5°	-5°	-2.5°	0°	2.5°	5°	7.5°	10°	12.5°	15°	17.5°
90°	5.5	5.5	5.5	5.5	5.5	5.5	5.5	5.5	5.5	5.5	5.3
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°	0.3	0.0	0.0	0.0	0.0	0.0	0.3	0.5	0.6	0.7	0.6
62.5°	1.6	1.7	1.8	1.8	1.8	1.7	1.6	1.6	1.5	1.6	1.7
60°	3.2	2.8	2.7	2.7	2.7	2.8	3.2	3.5	3.6	5.3	6.2
57.5°	25.3	21.7	22.2	24.7	22.2	21.7	25.3	27.4	27.6	32.0	32.2
55°	118.4	132.1	137.0	134.3	137.0	132.1	118.4	103.8	89.9	85.6	85.7
52.5°	160.4	166.1	168.2	168.1	168.2	166.1	160.4	152.8	143.2	133.8	124.5
50°	208.8	206.9	203.9	201.0	203.9	206.9	208.8	206.6	199.4	185.4	163.0
47.5°	348.5	342.5	339.9	344.5	339.9	342.5	348.5	344.6	317.8	282.9	257.3
45°	463.1	470.2	475.5	475.2	475.5	470.2	463.1	457.2	428.1	388.2	347.3
42.5°	528.4	532.1	533.2	531.9	533.2	532.1	528.4	521.8	488.1	445.6	398.7
40°	586.5	591.0	593.5	595.8	593.5	591.0	586.5	577.8	550.3	510.6	466.6
37.5°	672.3	673.9	670.3	668.0	670.3	673.9	672.3	666.8	650.2	599.6	563.8
35°	882.5	886.8	876.8	887.3	876.8	886.8	882.5	860.9	835.3	805.3	723.7
32.5°	1084.1	1104.3	1120.6	1134.1	1120.6	1104.3	1084.1	1063.5	1046.2	988.3	881.6
30°	1198.3	1211.3	1218.3	1220.0	1218.3	1211.3	1198.3	1182.2	1159.3	1085.2	986.6
27.5°	1282.1	1295.8	1304.3	1310.4	1304.3	1295.8	1282.1	1267.3	1240.4	1164.9	1068.1
25°	1363.0	1375.4	1383.9	1387.2	1383.9	1375.4	1363.0	1347.9	1314.9	1251.1	1155.8
22.5°	1446.8	1455.5	1463.6	1467.6	1463.6	1455.5	1446.8	1429.2	1393.5	1342.5	1241.5
20°	1567.0	1562.3	1569.7	1567.2	1569.7	1562.3	1567.0	1540.0	1502.4	1449.3	1351.8
17.5°	1812.0	1814.6	1819.5	1827.7	1819.5	1814.6	1812.0	1776.2	1730.2	1682.3	1546.6
15°	2120.1	2126.3	2157.8	2185.9	2157.8	2126.3	2120.1	2085.5	2007.3	1938.1	1783.2
12.5°	2253.8	2275.2	2278.5	2286.4	2278.5	2275.2	2253.8	2204.9	2152.3	2064.0	1923.5
10°	2298.3	2335.5	2334.7	2344.0	2334.7	2335.5	2298.3	2255.8	2212.8	2137.6	1990.5
7.5°	2332.1	2372.0	2388.9	2396.1	2388.9	2372.0	2332.1	2303.4	2260.9	2188.0	2037.6
5°	2373.5	2395.4	2424.5	2416.2	2424.5	2395.4	2373.5	2337.4	2283.7	2206.2	2069.0
2.5°	2390.8	2425.1	2417.2	2425.3	2417.2	2425.1	2390.8	2342.1	2292.7	2230.4	2110.4
0°	2402.5	2427.2	2430.8	2439.0	2430.8	2427.2	2402.5	2354.1	2303.8	2243.5	2121.9
-2.5°	2388.3	2410.0	2448.0	2436.3	2448.0	2410.0	2388.3	2343.9	2296.0	2235.2	2125.8
-5°	2375.9	2429.3	2408.6	2434.5	2408.6	2429.3	2375.9	2328.6	2281.0	2215.3	2100.9
-7.5°	2369.5	2379.1	2392.8	2412.5	2392.8	2379.1	2369.5	2315.6	2263.6	2194.2	2078.3
-10°	2319.9	2329.7	2354.9	2368.7	2354.9	2329.7	2319.9	2295.2	2234.6	2160.9	2050.0
-12.5°	2266.1	2285.0	2311.6	2320.2	2311.6	2285.0	2266.1	2238.7	2195.4	2115.0	2004.8
-15°	2204.1	2232.2	2258.2	2263.6	2258.2	2232.2	2204.1	2171.8	2123.9	2058.5	1950.3
-17.5°	2125.3	2159.0	2186.3	2192.3	2186.3	2159.0	2125.3	2089.1	2042.1	1983.7	1895.5
-20°	2038.5	2070.8	2093.9	2100.9	2093.9	2070.8	2038.5	2000.5	1956.1	1900.0	1816.9



REPORT NUMBER: P626650 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA1C-722-U-VWR-VSR-XX

CANDELA DISTRIBUTION (continued):

	-7.5°	-5°	-2.5°	0°	2.5°	5°	7.5°	10°	12.5°	15°	17.5°
-22.5°	1945.5	1974.6	1994.2	1991.3	1994.2	1974.6	1945.5	1907.9	1866.8	1815.8	1726.3
-25°	1846.8	1873.8	1892.4	1889.8	1892.4	1873.8	1846.8	1814.0	1773.2	1719.0	1638.9
-27.5°	1742.5	1768.0	1786.0	1786.6	1786.0	1768.0	1742.5	1710.9	1669.9	1615.2	1546.9
-30°	1632.8	1656.1	1670.7	1665.0	1670.7	1656.1	1632.8	1602.2	1564.1	1511.0	1438.9
-32.5°	1519.8	1540.8	1554.1	1558.1	1554.1	1540.8	1519.8	1493.1	1461.1	1412.4	1335.3
-35°	1408.2	1426.7	1438.2	1441.1	1438.2	1426.7	1408.2	1383.9	1352.7	1314.1	1238.0
-37.5°	1297.4	1313.4	1321.4	1317.8	1321.4	1313.4	1297.4	1275.1	1246.9	1213.8	1148.0
-40°	1187.9	1203.1	1212.3	1214.5	1212.3	1203.1	1187.9	1167.6	1141.4	1109.1	1056.4
-42.5°	1080.2	1092.8	1100.9	1104.8	1100.9	1092.8	1080.2	1062.7	1035.2	999.4	957.0
-45°	975.8	987.0	994.6	998.8	994.6	987.0	975.8	960.1	933.3	898.6	858.9
-47.5°	874.1	884.0	890.5	893.7	890.5	884.0	874.1	860.3	836.4	802.2	763.0
-50°	776.9	785.4	791.5	795.0	791.5	785.4	776.9	765.0	744.6	711.3	674.1
-52.5°	684.7	692.2	697.4	700.0	697.4	692.2	684.7	674.3	658.0	626.6	592.3
-55°	596.6	602.7	607.5	610.4	607.5	602.7	596.6	588.1	576.4	547.3	515.8
-57.5°	514.5	519.5	524.0	527.3	524.0	519.5	514.5	507.3	497.7	472.8	445.1
-60°	437.7	442.4	446.3	448.7	446.3	442.4	437.7	431.2	423.1	404.3	381.9
-62.5°	368.3	372.5	376.0	378.3	376.0	372.5	368.3	362.6	355.2	340.7	322.6
-65°	301.9	305.6	308.2	309.8	308.2	305.6	301.9	296.8	290.5	280.1	266.7
-67.5°	245.8	250.1	250.9	250.4	250.9	250.1	245.8	240.6	234.5	226.5	216.4
-70°	195.7	199.4	200.2	200.1	200.2	199.4	195.7	191.6	186.9	181.1	173.6
-72.5°	153.1	155.1	153.4	150.8	153.4	155.1	153.1	150.8	148.4	145.1	139.5
-75°	114.9	113.6	111.8	109.7	111.8	113.6	114.9	115.9	116.7	116.5	112.4
-77.5°	84.1	81.0	79.0	76.8	79.0	81.0	84.1	87.0	89.6	91.2	88.4
-80°	58.6	55.5	53.4	51.2	53.4	55.5	58.6	61.4	64.1	66.2	65.3
-82.5°	37.1	34.6	33.3	32.0	33.3	34.6	37.1	39.5	41.7	43.6	43.1
-85°	20.6	19.1	18.3	17.4	18.3	19.1	20.6	22.0	23.3	24.5	23.8
-87.5°	9.1	9.1	8.6	8.2	8.6	9.1	9.1	9.0	9.0	9.0	8.7
-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: P626650 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA1C-722-U-VWR-VSR-XX

CANDELA DISTRIBUTION (continued):

	20°	22.5°	25°	27.5°	30°	32.5°	35°	37.5°	40°	42.5°	45°
90°	5.1	4.8	4.6	4.4	4.2	3.9	3.7	3.5	3.2	3.0	2.7
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	0.1	0.1	0.0	0.0	0.1
67.5°	0.0	0.0	0.2	0.4	0.5	0.5	0.4	0.5	0.5	0.5	0.5
65°	0.5	0.3	0.2	0.4	0.7	0.9	0.9	0.8	0.8	0.9	1.1
62.5°	1.8	1.9	1.6	1.4	1.2	1.3	1.4	1.5	1.3	1.1	1.4
60°	5.5	3.3	4.9	5.2	4.1	3.6	5.4	5.1	2.6	2.3	2.1
57.5°	26.5	22.2	24.3	22.1	15.2	13.2	13.7	13.0	11.8	7.2	3.1
55°	91.4	78.3	61.5	53.1	51.2	39.2	29.2	24.4	22.1	15.9	10.5
52.5°	116.1	107.9	95.2	77.7	68.4	64.8	55.4	44.4	35.3	28.2	20.2
50°	145.5	147.7	134.7	110.4	100.9	90.5	81.4	68.6	57.0	45.7	33.7
47.5°	237.4	221.2	208.1	190.0	155.6	133.7	119.3	98.3	82.5	68.9	54.1
45°	316.6	298.0	285.2	257.1	220.6	186.7	164.1	137.7	109.7	91.4	78.0
42.5°	372.8	348.7	327.7	304.8	269.9	231.6	200.6	174.5	145.1	115.5	97.6
40°	427.8	389.6	368.8	348.3	315.4	272.5	248.3	210.0	179.3	146.4	122.1
37.5°	509.8	444.9	437.5	417.8	380.6	336.0	308.7	271.0	214.0	183.0	155.0
35°	648.5	581.6	543.0	523.6	475.4	418.5	373.7	338.4	281.8	220.9	188.6
32.5°	801.2	716.6	658.0	630.3	578.6	501.4	446.1	401.3	344.5	275.5	223.8
30°	887.5	810.3	739.7	692.5	642.2	575.9	512.4	449.1	387.4	330.4	261.9
27.5°	967.7	871.5	795.4	742.1	695.1	631.3	561.0	493.2	425.4	369.1	308.0
25°	1044.3	937.6	854.6	792.1	737.4	686.9	607.5	533.3	462.7	400.4	352.6
22.5°	1115.5	1016.5	920.9	839.2	792.8	738.6	660.3	570.5	501.4	449.0	392.8
20°	1232.8	1122.0	1001.0	930.2	887.1	803.4	714.8	626.0	562.6	502.6	436.4
17.5°	1426.3	1288.0	1143.3	1067.5	1006.4	903.7	790.9	702.8	623.6	556.7	483.9
15°	1638.1	1460.0	1316.6	1218.7	1122.0	1001.6	871.0	775.9	685.9	610.6	527.5
12.5°	1742.7	1573.2	1446.4	1308.4	1183.6	1074.5	951.0	846.1	743.9	645.9	554.5
10°	1805.1	1636.7	1493.3	1355.5	1230.4	1125.5	1010.7	886.4	773.0	669.2	577.0
7.5°	1853.7	1680.2	1527.4	1390.3	1263.5	1152.8	1043.0	912.7	796.2	688.1	595.1
5°	1887.3	1714.0	1559.1	1420.5	1287.0	1172.4	1066.9	932.6	813.5	702.4	608.8
2.5°	1922.0	1740.3	1579.0	1440.0	1302.0	1184.9	1081.4	947.7	827.5	713.0	620.3
0°	1935.5	1755.5	1592.8	1450.3	1310.4	1189.8	1085.6	957.7	837.1	719.2	627.8
-2.5°	1944.2	1760.4	1598.3	1456.9	1321.5	1197.6	1090.3	968.9	840.1	725.9	629.9
-5°	1931.0	1754.6	1593.7	1451.4	1321.8	1198.2	1087.1	970.6	839.3	727.6	628.3
-7.5°	1914.8	1739.1	1576.4	1436.8	1312.2	1190.0	1077.3	963.3	836.5	724.7	625.2
-10°	1887.4	1714.5	1559.6	1421.7	1295.5	1172.4	1062.9	949.6	827.1	716.4	617.9
-12.5°	1850.9	1683.3	1530.3	1394.0	1272.9	1154.2	1047.1	930.5	811.2	702.6	606.4
-15°	1802.7	1642.6	1494.1	1361.2	1244.1	1130.7	1023.6	909.4	795.7	685.6	590.6
-17.5°	1749.8	1588.8	1442.6	1317.3	1206.3	1098.8	993.7	887.3	777.7	669.6	576.5
-20°	1689.8	1531.6	1386.8	1265.5	1160.7	1058.8	961.6	862.5	752.9	651.2	561.6

Classified

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

Scaled Data Report



REPORT NUMBER: P626650 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA1C-722-U-VWR-VSR-XX

CANDELA DISTRIBUTION (continued):

	20°	22.5°	25°	27.5°	30°	32.5°	35°	37.5°	40°	42.5°	45°
-22.5°	1603.5	1463.8	1331.1	1212.1	1111.9	1018.6	925.0	829.1	720.6	628.3	541.3
-25°	1518.3	1388.4	1269.1	1159.7	1062.9	974.3	883.3	788.2	691.9	601.2	516.5
-27.5°	1434.8	1314.5	1195.6	1097.2	1010.4	923.8	838.3	748.4	659.8	570.8	493.2
-30°	1344.7	1232.1	1125.0	1032.7	950.4	870.4	793.4	709.5	622.3	537.8	468.1
-32.5°	1245.7	1146.9	1052.5	965.6	888.7	817.8	744.8	665.2	579.0	507.0	439.0
-35°	1149.7	1058.5	977.0	900.3	830.6	765.7	695.0	615.3	539.6	472.1	406.1
-37.5°	1063.7	974.9	899.4	833.4	775.1	713.6	643.1	572.4	501.2	433.1	375.5
-40°	974.7	891.9	824.8	771.1	715.4	660.0	598.0	532.2	462.0	395.4	345.5
-42.5°	888.5	821.6	755.5	701.8	651.8	606.5	554.1	487.7	423.2	365.4	317.5
-45°	804.1	743.3	683.0	634.0	592.5	549.9	503.1	442.8	384.8	335.2	290.0
-47.5°	717.4	666.2	615.9	570.3	533.2	491.8	446.7	395.5	348.1	303.4	263.3
-50°	634.0	592.6	551.8	512.4	474.8	434.4	394.1	352.9	310.5	271.5	235.2
-52.5°	555.6	521.3	486.9	452.4	419.5	384.2	347.0	310.3	273.0	240.4	208.0
-55°	481.9	452.5	425.1	397.4	369.7	337.9	304.3	271.3	241.5	211.6	185.2
-57.5°	416.5	390.7	369.0	346.4	323.0	294.8	266.1	238.1	213.5	188.7	164.2
-60°	358.9	336.3	317.7	298.0	277.2	253.7	230.9	208.7	187.4	167.2	146.1
-62.5°	304.4	286.1	269.4	252.7	235.8	218.0	198.5	180.6	164.1	147.1	128.0
-65°	252.8	238.6	224.5	211.0	197.1	182.8	167.3	153.2	139.7	125.9	109.4
-67.5°	205.8	194.6	183.2	172.0	161.1	149.8	138.0	126.2	115.2	103.9	90.6
-70°	165.7	157.3	148.4	139.0	130.1	121.2	112.0	102.5	92.4	83.2	74.1
-72.5°	133.7	127.7	121.0	113.5	105.4	97.7	90.3	82.9	75.2	67.4	59.4
-75°	108.1	103.7	98.6	92.3	85.7	79.0	72.8	66.4	59.4	51.8	44.4
-77.5°	85.6	82.9	79.8	74.7	69.6	64.4	58.8	51.8	44.7	37.7	31.5
-80°	64.2	62.9	61.0	56.6	52.2	47.8	43.2	37.1	31.0	25.3	20.7
-82.5°	42.3	41.5	40.3	37.3	34.4	31.6	28.6	24.4	20.4	16.5	13.2
-85°	23.1	22.4	21.6	20.2	18.8	17.4	16.0	13.6	11.5	9.4	7.6
-87.5°	8.4	8.1	7.9	7.6	7.3	7.0	6.6	6.0	5.3	4.7	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: P626650 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA1C-722-U-VWR-VSR-XX

CANDELA DISTRIBUTION (continued):

	47.5°	50°	52.5°	55°	57.5°	60°	62.5°	65°	67.5°	70°	72.5°
90°	2.7	2.7	2.7	2.7	2.7	2.7	2.7	2.7	2.5	2.3	2.0
87.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.3	0.5
85°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.1	0.3
82.5°	0.0	0.0	0.0	0.0	0.1	0.2	0.3	0.2	0.1	0.0	0.1
80°	0.0	0.0	0.0	0.0	0.2	0.5	0.6	0.6	0.5	0.3	0.2
77.5°	0.0	0.0	0.0	0.0	0.1	0.3	0.5	0.8	0.8	0.6	0.4
75°	0.0	0.0	0.0	0.0	0.1	0.0	0.2	0.5	0.7	0.9	0.7
72.5°	0.0	0.0	0.0	0.1	0.2	0.3	0.1	0.2	0.5	0.8	0.9
70°	0.1	0.0	0.0	0.1	0.4	0.6	0.5	0.4	0.3	0.7	0.9
67.5°	0.4	0.5	0.3	0.3	0.4	0.6	0.8	0.8	0.7	0.6	0.8
65°	1.0	1.0	0.9	0.8	0.7	0.7	0.9	1.1	1.0	0.9	0.8
62.5°	1.6	1.6	1.4	1.3	1.2	1.0	0.9	1.2	1.4	1.2	1.0
60°	2.0	2.1	2.0	1.8	1.7	1.5	1.3	1.4	1.6	1.5	1.3
57.5°	2.8	2.7	2.7	2.4	2.1	1.9	1.8	1.8	1.8	1.8	1.6
55°	5.0	3.5	3.5	3.2	2.8	2.4	2.3	2.2	2.1	2.1	1.8
52.5°	12.7	7.1	4.5	4.2	3.6	2.9	2.8	2.7	2.5	2.3	2.1
50°	23.4	15.2	8.6	5.4	4.6	3.9	3.2	3.1	2.9	2.7	2.3
47.5°	37.5	26.1	16.9	8.5	5.9	4.9	4.1	3.5	3.3	3.0	2.6
45°	57.8	38.4	26.6	16.8	7.9	6.8	5.0	3.9	3.7	3.4	2.9
42.5°	80.4	56.4	37.4	25.4	15.1	9.4	6.0	4.8	4.1	3.7	3.2
40°	102.6	78.0	50.2	35.1	22.8	12.5	8.7	5.7	4.5	4.1	3.5
37.5°	127.1	100.8	70.4	45.4	30.6	19.1	11.9	6.6	5.1	4.5	3.8
35°	157.5	126.1	90.5	60.4	40.6	25.3	15.5	8.4	6.2	4.9	4.1
32.5°	187.8	151.3	112.3	78.0	50.9	30.9	20.1	12.1	7.5	5.3	4.5
30°	218.3	174.4	132.8	94.2	62.9	40.0	25.1	15.6	9.1	5.7	4.8
27.5°	245.7	196.2	152.0	111.1	76.9	49.6	30.3	19.0	10.8	6.5	5.2
25°	276.7	219.8	170.9	127.3	89.7	59.5	35.7	22.3	13.3	7.8	5.5
22.5°	316.7	244.0	188.4	142.0	102.4	69.1	42.6	26.7	16.0	9.2	5.9
20°	356.4	267.7	205.5	160.4	116.2	79.8	50.6	31.1	18.6	10.6	6.3
17.5°	395.3	298.0	230.5	179.2	130.9	89.8	58.0	35.4	21.1	12.1	6.6
15°	430.2	332.8	255.0	197.0	145.3	99.1	64.9	39.5	23.4	13.5	7.1
12.5°	459.6	362.7	278.1	213.6	159.3	107.6	71.3	43.6	25.5	15.2	7.7
10°	483.8	388.1	299.5	229.0	172.4	115.2	76.9	47.6	28.0	16.9	8.4
7.5°	503.1	409.0	319.0	242.9	184.3	122.4	83.0	51.8	30.4	18.6	9.1
5°	517.7	425.3	334.1	252.9	193.8	128.9	88.7	55.6	32.7	20.1	9.7
2.5°	527.2	437.4	345.3	260.8	201.5	134.4	93.6	59.1	34.8	21.5	10.4
0°	532.8	446.0	353.7	266.8	207.4	138.9	97.8	62.1	36.6	22.8	11.0
-2.5°	537.8	451.6	361.1	277.3	211.5	146.2	100.5	64.8	39.5	23.7	12.1
-5°	539.4	454.1	365.9	285.4	213.9	152.2	102.4	67.1	42.0	24.4	13.1
-7.5°	536.6	452.6	367.5	290.0	215.1	156.4	103.5	68.8	44.1	25.0	14.0
-10°	530.4	447.7	365.3	288.6	216.6	157.7	104.1	70.1	45.5	25.4	14.8
-12.5°	521.3	440.3	360.5	285.6	216.4	156.9	105.8	71.1	46.3	25.7	15.3
-15°	509.2	430.6	353.2	281.1	213.8	155.0	106.3	71.5	46.2	26.3	15.6
-17.5°	495.1	418.8	343.3	275.3	208.7	152.2	105.3	71.0	45.8	27.1	16.0
-20°	481.0	405.8	331.7	268.5	201.1	148.5	102.8	69.7	44.9	27.6	16.3

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REPORT NUMBER: P626650 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA1C-722-U-VWR-VSR-XX

CANDELA DISTRIBUTION (continued):

	47.5°	50°	52.5°	55°	57.5°	60°	62.5°	65°	67.5°	70°	72.5°
-22.5°	464.4	390.8	321.6	259.0	192.8	144.0	98.8	67.5	43.7	27.8	16.4
-25°	445.3	373.4	309.4	245.9	186.3	139.0	94.7	64.4	42.2	27.8	16.4
-27.5°	423.8	354.7	295.1	231.6	179.5	132.0	90.8	62.0	40.8	27.4	16.1
-30°	399.8	337.1	278.1	217.9	171.2	124.3	85.6	59.5	40.3	26.9	15.7
-32.5°	373.8	317.3	259.8	207.4	161.8	116.5	81.1	56.5	39.3	26.2	15.7
-35°	349.5	295.8	241.0	195.2	151.8	111.8	78.1	53.3	37.9	25.3	15.8
-37.5°	323.5	273.2	226.2	182.6	141.3	106.4	75.6	51.8	36.0	24.1	15.7
-40°	298.5	251.8	209.0	170.6	133.5	100.4	71.8	50.2	34.3	22.7	15.5
-42.5°	273.2	231.6	192.6	157.5	126.2	94.6	66.8	47.7	32.9	21.9	15.2
-45°	249.8	210.8	175.1	146.1	118.0	87.1	63.0	44.6	31.1	21.3	14.9
-47.5°	225.3	189.6	159.2	133.5	107.3	78.9	58.2	42.1	29.0	20.5	14.6
-50°	200.0	169.5	144.2	119.8	94.3	72.2	53.1	39.2	28.2	19.9	14.3
-52.5°	177.8	151.9	128.9	105.6	84.4	64.3	49.1	36.0	27.2	19.4	13.8
-55°	158.7	135.2	113.9	94.1	75.1	58.4	44.7	34.5	26.0	18.8	13.1
-57.5°	141.9	119.7	101.6	83.8	67.2	52.8	41.5	32.8	24.7	17.9	12.6
-60°	125.5	107.2	90.4	74.5	59.9	48.0	39.1	30.7	23.2	16.8	12.0
-62.5°	110.4	94.3	79.6	65.3	53.4	44.0	36.3	28.3	21.3	15.4	11.2
-65°	94.5	80.8	68.4	57.1	47.4	39.4	32.7	25.6	18.9	13.7	10.1
-67.5°	78.0	67.9	58.2	48.8	40.9	34.2	28.5	22.0	16.1	11.8	8.9
-70°	64.9	56.1	47.9	40.5	34.0	28.5	23.3	17.8	13.0	10.1	7.6
-72.5°	51.7	44.5	37.7	31.9	27.3	22.6	17.8	13.6	10.8	8.3	6.2
-75°	38.2	33.4	29.0	24.9	20.8	16.7	13.6	10.8	8.5	6.5	5.2
-77.5°	27.7	24.2	21.0	18.4	15.6	12.9	10.3	7.9	6.4	5.4	4.4
-80°	18.8	17.0	15.2	13.4	11.1	9.0	7.4	6.1	5.2	4.3	3.5
-82.5°	11.9	10.9	10.0	9.1	7.8	6.6	5.5	4.6	3.9	3.3	2.8
-85°	7.1	6.5	6.0	5.5	4.8	4.1	3.8	3.5	3.2	2.9	2.6
-87.5°	4.0	3.9	3.9	3.8	3.6	3.4	3.3	3.1	2.8	2.6	2.3
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.2	0.4	0.7

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Scaled Data Report



REPORT NUMBER: P626650 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA1C-722-U-VWR-VSR-XX

CANDELA DISTRIBUTION (continued):

	75°	77.5°	80°	82.5°	85°	87.5°	90°
90°	1.8	1.6	1.4	1.1	0.9	0.9	0.9
87.5°	0.7	0.8	0.8	0.9	0.9	0.9	0.9
85°	0.4	0.6	0.7	0.8	0.9	0.9	0.9
82.5°	0.2	0.5	0.7	0.8	0.9	0.9	0.9
80°	0.0	0.3	0.6	0.8	0.9	0.9	0.9
77.5°	0.3	0.3	0.5	0.8	0.9	0.9	0.9
75°	0.5	0.4	0.5	0.7	0.9	0.9	0.9
72.5°	0.7	0.6	0.6	0.7	0.9	0.9	0.9
70°	0.9	0.7	0.6	0.7	0.9	0.9	0.9
67.5°	0.9	0.8	0.7	0.8	0.9	0.9	0.9
65°	1.0	0.9	0.8	0.8	0.9	0.9	0.9
62.5°	1.0	1.0	0.8	0.8	0.9	0.9	0.9
60°	1.1	1.1	0.9	0.8	0.9	0.9	0.9
57.5°	1.3	1.2	1.0	0.9	0.9	0.9	0.9
55°	1.5	1.3	1.1	0.9	0.9	0.9	0.9
52.5°	1.7	1.4	1.2	0.9	0.9	0.9	0.9
50°	2.0	1.6	1.3	0.9	1.0	0.9	0.9
47.5°	2.2	1.7	1.4	0.9	1.0	0.9	0.9
45°	2.4	1.9	1.5	1.0	1.0	0.9	0.9
42.5°	2.6	2.1	1.6	1.1	1.0	0.9	0.9
40°	2.8	2.3	1.7	1.2	1.1	0.9	0.9
37.5°	3.0	2.4	1.8	1.3	1.1	0.9	0.9
35°	3.2	2.6	2.0	1.4	1.1	0.9	0.9
32.5°	3.4	2.7	2.1	1.5	1.2	0.9	0.9
30°	3.7	2.9	2.2	1.7	1.2	0.9	0.9
27.5°	4.0	3.0	2.4	1.8	1.3	0.9	0.9
25°	4.3	3.2	2.5	1.9	1.3	0.9	0.9
22.5°	4.5	3.3	2.6	2.0	1.4	0.9	0.9
20°	4.8	3.5	2.8	2.1	1.4	0.9	0.9
17.5°	5.1	3.7	2.9	2.2	1.5	0.9	0.9
15°	5.3	3.8	3.0	2.3	1.5	0.9	0.9
12.5°	5.5	4.0	3.2	2.3	1.6	0.9	0.9
10°	5.8	4.1	3.3	2.4	1.6	0.9	0.9
7.5°	5.9	4.3	3.4	2.5	1.7	0.9	0.9
5°	6.1	4.4	3.5	2.6	1.7	0.9	0.9
2.5°	6.3	4.5	3.6	2.6	1.8	0.9	0.9
0°	6.4	4.6	3.7	2.7	1.8	0.9	0.9
-2.5°	6.7	4.7	3.8	2.7	1.8	0.9	0.9
-5°	7.1	4.8	3.8	2.7	1.8	0.9	0.9
-7.5°	7.3	4.9	3.9	2.7	1.8	0.9	0.9
-10°	7.6	4.9	3.9	2.7	1.8	0.9	0.9
-12.5°	7.8	5.0	4.0	2.6	1.8	0.9	0.9
-15°	7.9	5.0	4.0	2.6	1.7	0.9	0.9
-17.5°	7.9	5.1	4.0	2.6	1.7	0.9	0.9
-20°	8.1	5.1	3.9	2.5	1.7	0.9	0.9

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CATALOG NUMBER: GFLD-SA1C-722-U-VWR-VSR-XX

CANDELA DISTRIBUTION (continued):

	75°	77.5°	80°	82.5°	85°	87.5°	90°
-22.5°	8.6	5.1	3.9	2.5	1.7	0.9	0.9
-25°	9.1	5.5	3.8	2.4	1.6	0.9	0.9
-27.5°	9.4	5.9	3.7	2.4	1.6	0.9	0.9
-30°	9.7	6.3	3.6	2.3	1.6	0.9	0.9
-32.5°	9.8	6.6	3.7	2.3	1.5	0.9	0.9
-35°	10.0	6.8	3.8	2.2	1.5	0.9	0.9
-37.5°	10.3	6.9	3.9	2.1	1.4	0.9	0.9
-40°	10.5	7.0	3.9	2.1	1.4	0.9	0.9
-42.5°	10.5	7.0	3.9	2.0	1.3	0.9	0.9
-45°	10.5	6.9	4.0	2.0	1.3	0.9	0.9
-47.5°	10.3	6.8	3.9	2.0	1.2	0.9	0.9
-50°	10.1	6.7	3.9	2.0	1.2	0.9	0.9
-52.5°	9.8	6.5	3.7	2.0	1.1	0.9	0.9
-55°	9.5	6.2	3.6	1.9	1.0	0.9	0.9
-57.5°	9.1	5.9	3.4	1.8	1.0	0.9	0.9
-60°	8.6	5.5	3.2	1.8	0.9	0.9	0.9
-62.5°	7.9	5.0	3.0	1.7	0.9	0.9	0.9
-65°	7.1	4.5	2.8	1.6	0.9	0.9	0.9
-67.5°	6.2	4.0	2.6	1.4	0.9	0.9	0.9
-70°	5.3	3.6	2.3	1.3	0.9	0.9	0.9
-72.5°	4.7	3.2	2.1	1.3	0.9	0.9	0.9
-75°	4.1	2.8	1.8	1.3	0.9	0.9	0.9
-77.5°	3.4	2.4	1.7	1.2	0.9	0.9	0.9
-80°	2.7	2.1	1.6	1.2	0.9	0.9	0.9
-82.5°	2.5	2.0	1.6	1.2	0.9	0.9	0.9
-85°	2.3	1.9	1.5	1.2	0.9	0.9	0.9
-87.5°	2.0	1.7	1.4	1.2	0.9	0.9	0.9
-90°	0.9	0.9	0.9	0.9	0.9	0.9	0.9

(END OF REPORT)