

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: P626652 (CONVERTED FROM TYPE C PHOTOMETRY)

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

Issue Date: 12/7/2022

Test Information

Test Method: LM-79-08
Report Number: P626652 (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-SA1C-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
Luminaire Lumens: 3508.3 lumens
Efficiency: N/A
Efficacy: 80.7 lumens/watt
Luminous Opening: Rectangular (W 0.5' x L: 0.5' x H: 0')

NEMA Type: 5H x 5V
Max Intensity: 3976.7 candela
Max Intensity Angle: 0°H x 0°V

Beam Angle (50%): 50.9°H x 47.1°V
Beam Lumens: 1689.1 lumens
Beam Efficiency: 48.1%

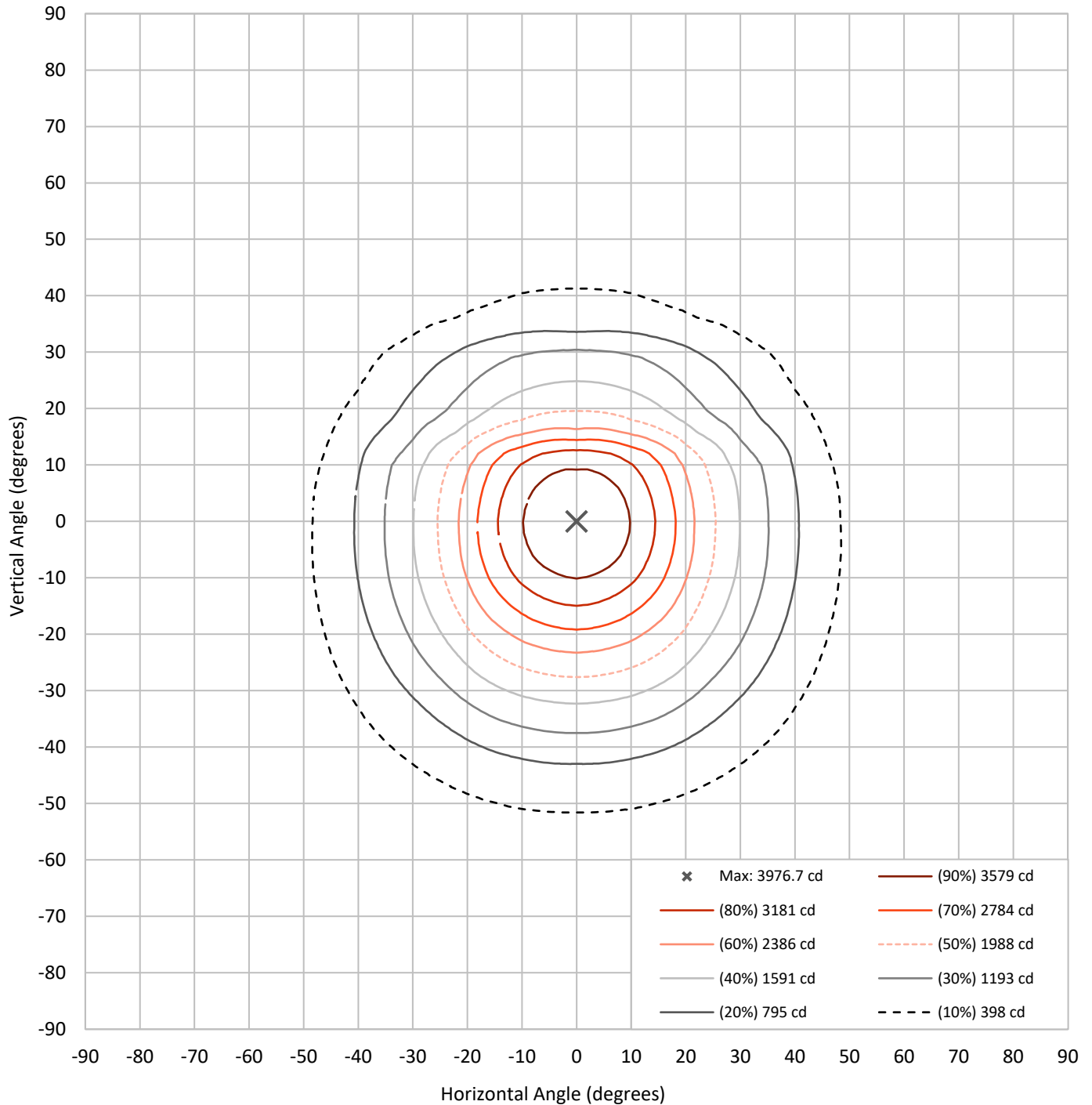
Field Angle (10%): 96.7°H x 92.9°V
Field Lumens: 3141.1 lumens
Field Efficiency: 89.5%

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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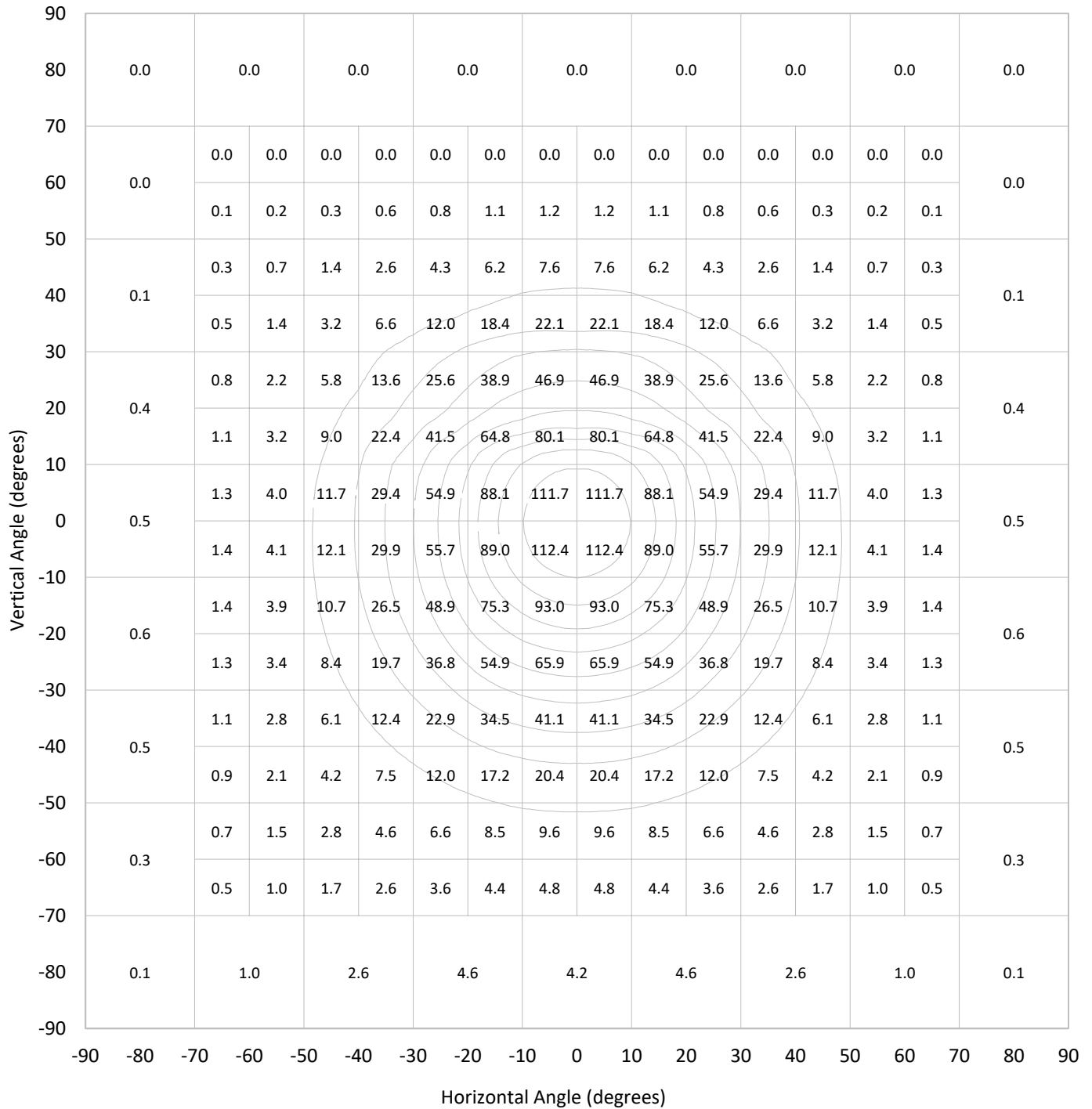
Iso-Candela Plot





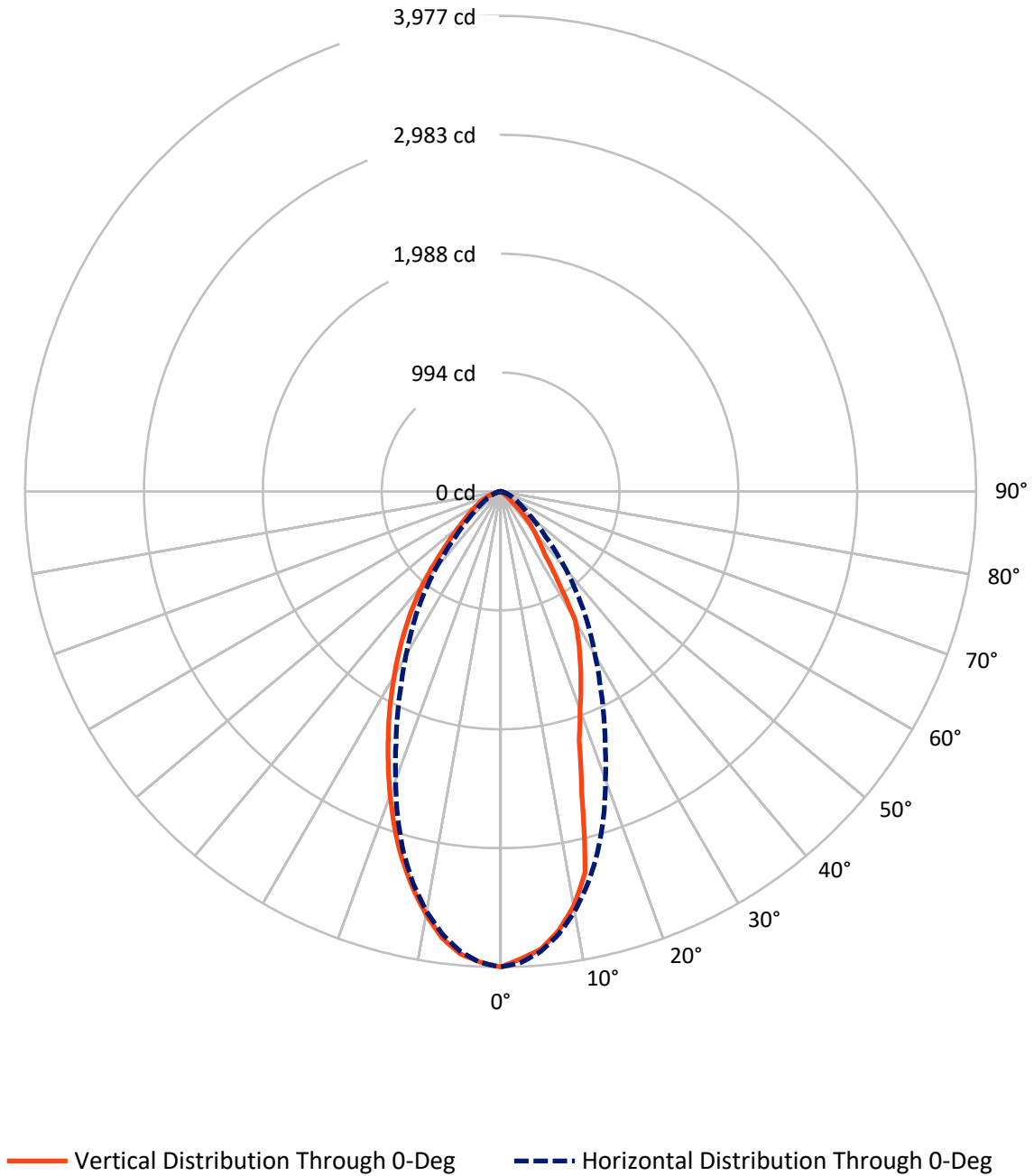
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Lumen Table



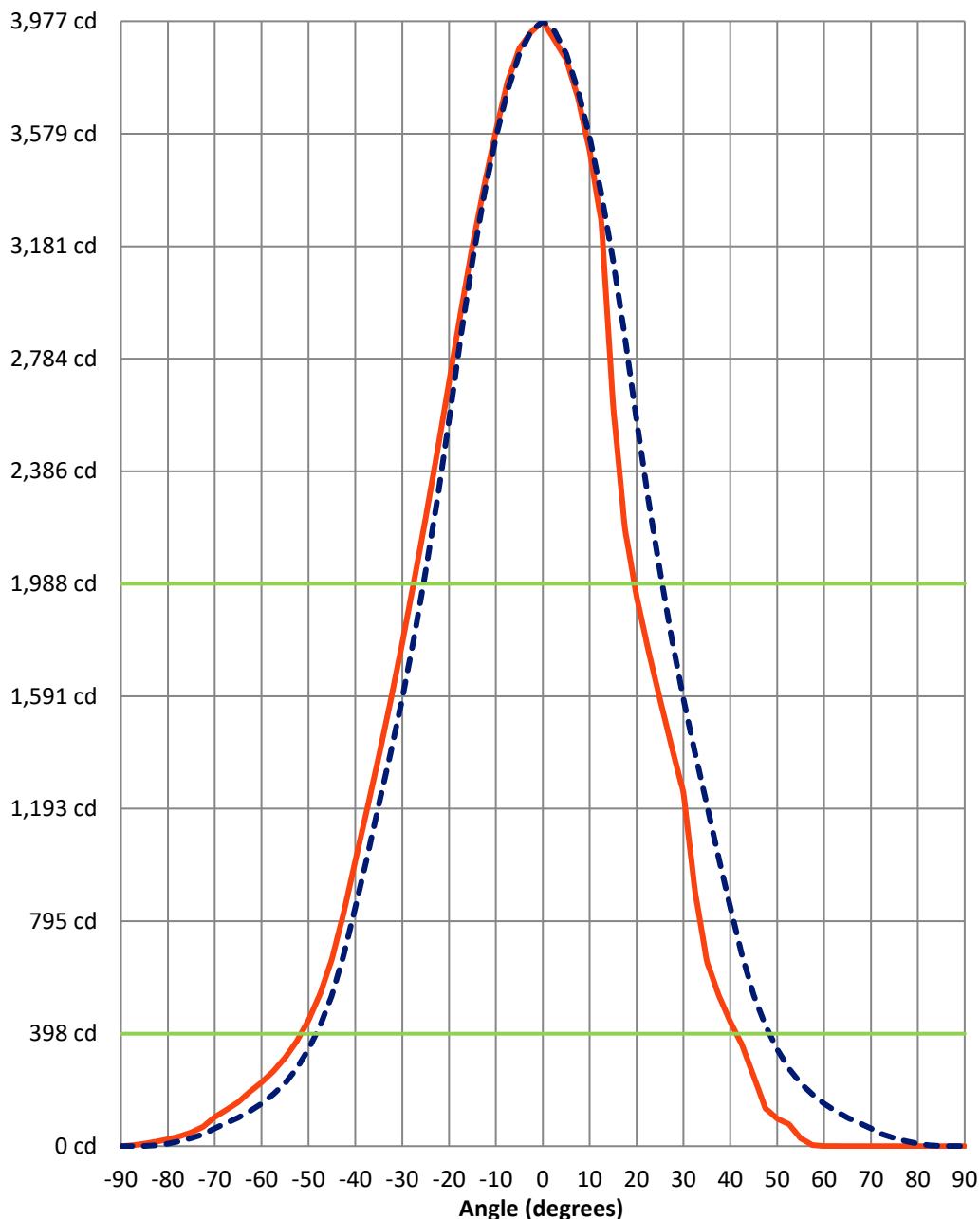
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Luminous Intensity Polar Plot



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Luminous Intensity Plot



Beam:
 H Angle: 50.9°
 V Angle: 47.1°
 Lumens: 1689.1
 Efficiency: 48.1%

Field:
 H Angle: 96.7°
 V Angle: 92.9°
 Lumens: 3141.1
 Efficiency: 89.5%

Spill:
 Lumens: 367.2
 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	0.1	0.1	0.1	0.1	0.1	0.1	0.1
85°	0.0	0.0	0.1	0.1	0.1	0.1	0.2	0.2	0.2	0.2	0.3
82.5°	0.0	0.0	0.1	0.1	0.2	0.2	0.2	0.3	0.3	0.3	0.3
80°	0.0	0.1	0.1	0.2	0.2	0.3	0.3	0.3	0.3	0.3	0.3
77.5°	0.0	0.1	0.1	0.2	0.3	0.3	0.3	0.3	0.3	0.3	0.3
75°	0.0	0.1	0.2	0.2	0.3	0.3	0.3	0.3	0.3	0.3	0.3
72.5°	0.0	0.1	0.2	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3
70°	0.0	0.1	0.2	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3
67.5°	0.0	0.1	0.2	0.3	0.3	0.3	0.3	0.3	0.3	0.4	0.4
65°	0.0	0.1	0.3	0.3	0.3	0.3	0.4	0.3	0.4	0.5	0.6
62.5°	0.0	0.1	0.3	0.3	0.3	0.4	0.4	0.4	0.6	0.8	1.2
60°	0.0	0.1	0.3	0.3	0.3	0.5	0.5	0.6	0.7	1.9	2.0
57.5°	0.0	0.2	0.3	0.3	0.4	0.5	0.8	0.8	1.9	3.2	3.5
55°	0.0	0.2	0.3	0.3	0.5	0.6	1.2	1.1	3.4	4.8	5.4
52.5°	0.0	0.2	0.3	0.3	0.5	0.8	1.7	2.7	5.1	7.1	7.6
50°	0.0	0.2	0.3	0.3	0.6	1.3	2.2	4.4	7.1	9.6	11.6
47.5°	0.0	0.2	0.3	0.3	0.7	1.8	2.9	6.2	9.7	12.4	15.8
45°	0.0	0.2	0.3	0.4	0.8	2.4	4.5	7.9	12.4	16.1	20.0
42.5°	0.0	0.2	0.3	0.5	0.9	3.0	6.0	10.0	15.0	19.8	24.5
40°	0.0	0.2	0.4	0.6	1.2	3.6	7.5	12.3	17.8	23.4	29.3
37.5°	0.0	0.2	0.4	0.7	1.7	4.3	9.0	14.6	20.7	27.0	34.2
35°	0.0	0.2	0.4	0.8	2.2	5.3	10.5	16.8	23.8	31.4	39.5
32.5°	0.0	0.3	0.4	1.0	2.7	6.5	12.1	19.0	26.8	35.9	45.4
30°	0.0	0.3	0.4	1.1	3.2	7.6	13.8	21.3	29.8	40.5	51.4
27.5°	0.0	0.3	0.4	1.3	3.8	8.7	15.6	23.7	33.1	45.1	57.5
25°	0.0	0.3	0.4	1.4	4.4	9.8	17.2	26.1	36.9	50.1	63.5
22.5°	0.0	0.3	0.5	1.6	4.9	10.8	18.8	28.4	40.6	55.1	69.6
20°	0.0	0.3	0.5	1.8	5.5	11.9	20.3	30.7	44.3	60.0	75.4
17.5°	0.0	0.3	0.5	2.0	6.0	12.8	21.7	32.8	47.9	64.7	80.9
15°	0.0	0.3	0.5	2.1	6.5	13.7	23.0	34.8	51.4	69.3	86.1
12.5°	0.0	0.3	0.5	2.3	6.9	14.5	24.2	36.4	54.3	73.7	91.0
10°	0.0	0.3	0.5	2.5	7.4	15.3	25.3	37.8	56.6	76.3	94.8
7.5°	0.0	0.3	0.6	2.7	7.8	16.0	26.2	39.1	58.6	78.2	96.8
5°	0.0	0.3	0.6	2.8	8.2	16.6	27.1	40.2	60.3	79.8	98.5
2.5°	0.0	0.3	0.6	3.0	8.5	17.1	27.8	41.1	61.7	81.0	99.7
0°	0.0	0.3	0.6	3.1	8.8	17.6	28.4	41.8	62.8	81.8	100.6
-2.5°	0.0	0.3	0.7	3.3	9.2	18.2	29.2	43.0	64.0	83.0	101.9
-5°	0.0	0.3	0.8	3.5	9.6	18.6	29.8	44.0	64.9	83.8	102.9
-7.5°	0.0	0.3	0.9	3.6	9.9	19.0	30.3	44.8	65.5	84.3	103.4
-10°	0.0	0.4	0.9	3.8	10.1	19.3	30.7	45.3	65.7	84.5	103.6
-12.5°	0.0	0.4	1.0	3.9	10.3	19.5	30.9	45.7	65.6	84.4	103.1
-15°	0.0	0.4	1.1	4.0	10.4	19.6	31.0	45.7	65.1	83.7	102.1
-17.5°	0.0	0.4	1.1	4.1	10.5	19.5	30.9	45.6	64.3	82.7	100.7
-20°	0.0	0.4	1.2	4.1	10.4	19.4	30.8	45.4	63.2	81.4	98.9

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CATALOG NUMBER: GFLD-SA1C-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	0.4	1.3	4.2	10.4	19.2	30.8	45.0	62.0	80.0	96.8
-25°	0.0	0.4	1.3	4.2	10.2	19.1	30.7	44.4	60.6	78.3	94.2
-27.5°	0.0	0.4	1.3	4.1	9.9	19.1	30.4	43.6	59.0	76.3	91.9
-30°	0.0	0.4	1.4	4.1	9.7	18.9	29.9	42.7	57.6	74.1	89.4
-32.5°	0.0	0.4	1.4	4.0	9.5	18.5	29.3	41.9	56.2	71.8	86.8
-35°	0.0	0.4	1.4	3.9	9.3	18.1	28.7	41.0	54.7	69.4	83.9
-37.5°	0.0	0.4	1.4	3.8	9.1	17.6	28.1	39.9	53.0	66.9	80.6
-40°	0.0	0.4	1.4	3.6	8.7	17.2	27.3	38.7	51.0	64.6	77.0
-42.5°	0.0	0.4	1.4	3.4	8.4	16.6	26.3	37.3	49.3	61.7	73.2
-45°	0.0	0.4	1.3	3.3	8.3	16.0	25.2	35.8	47.4	58.5	69.2
-47.5°	0.0	0.4	1.3	3.1	8.0	15.2	23.9	34.3	45.4	55.2	65.5
-50°	0.0	0.4	1.3	3.1	7.7	14.4	22.8	32.6	42.7	52.2	61.8
-52.5°	0.0	0.4	1.2	3.0	7.3	13.4	21.6	30.7	40.1	49.0	57.9
-55°	0.0	0.4	1.1	2.9	6.8	12.6	20.3	28.7	37.3	45.8	54.3
-57.5°	0.0	0.3	1.1	2.8	6.2	11.8	18.8	26.9	34.5	42.5	50.6
-60°	0.0	0.3	1.0	2.7	5.6	10.8	17.3	24.8	31.5	39.0	46.7
-62.5°	0.0	0.3	0.9	2.5	5.2	9.7	15.8	22.4	28.6	35.5	42.7
-65°	0.0	0.3	0.9	2.2	4.7	8.5	14.1	19.9	25.5	31.8	38.6
-67.5°	0.0	0.3	0.8	2.0	4.2	7.5	12.3	17.4	22.2	27.8	34.0
-70°	0.0	0.2	0.7	1.7	3.7	6.6	10.4	14.8	19.1	23.7	29.1
-72.5°	0.0	0.2	0.6	1.5	3.1	5.6	8.8	12.1	15.9	19.9	24.2
-75°	0.0	0.2	0.6	1.3	2.4	4.5	7.2	9.9	12.6	16.1	19.7
-77.5°	0.0	0.1	0.5	1.1	2.0	3.4	5.6	7.8	10.0	12.4	15.1
-80°	0.0	0.1	0.4	0.9	1.6	2.6	3.9	5.6	7.5	9.4	11.4
-82.5°	0.0	0.1	0.3	0.7	1.2	2.0	2.8	3.8	4.9	6.3	7.9
-85°	0.0	0.1	0.2	0.5	0.8	1.3	1.9	2.5	3.2	4.0	4.8
-87.5°	0.0	0.0	0.1	0.2	0.4	0.7	1.0	1.3	1.6	2.0	2.4
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



REPORT NUMBER: P626652 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA1C-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°	0.1	0.1	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
85°	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3
82.5°	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3
80°	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3
77.5°	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3
75°	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3
72.5°	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3
70°	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.2
67.5°	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.2	0.2
65°	0.3	0.3	0.4	0.4	0.3	0.3	0.3	0.3	0.3	0.3	0.3
62.5°	0.4	0.5	0.6	1.0	0.8	0.3	0.6	0.7	0.5	0.4	0.4
60°	1.2	0.8	2.2	3.0	2.0	1.1	1.3	2.6	2.1	0.6	1.5
57.5°	2.5	3.1	5.5	5.8	4.4	3.0	6.6	7.3	6.1	3.8	5.5
55°	5.2	7.3	9.3	9.2	9.2	11.6	13.6	13.4	11.8	16.3	20.5
52.5°	9.9	12.1	13.4	14.6	17.9	20.1	20.7	22.0	26.6	32.2	33.1
50°	14.5	16.8	18.5	22.8	26.2	27.9	29.6	33.8	40.8	44.6	45.2
47.5°	19.2	21.7	26.2	30.9	34.2	36.9	39.7	49.3	57.1	60.3	61.5
45°	24.1	28.4	34.0	38.9	42.7	46.3	55.4	68.5	74.0	79.0	91.6
42.5°	29.2	35.7	42.0	47.1	51.4	58.9	71.6	84.3	92.2	102.7	118.0
40°	35.6	43.0	50.3	55.5	60.8	72.1	87.9	101.3	109.6	123.8	141.2
37.5°	42.2	50.8	58.7	64.2	71.7	87.0	105.5	121.6	131.9	143.5	171.4
35°	48.7	58.8	66.9	74.2	83.5	104.6	127.4	145.3	158.1	177.9	213.2
32.5°	55.6	66.9	75.2	85.1	100.4	124.0	152.0	171.9	193.1	221.5	278.2
30°	63.0	74.5	84.0	96.0	116.5	144.0	176.5	201.6	230.3	276.4	337.5
27.5°	70.3	82.1	93.8	109.0	131.5	161.2	195.2	234.7	271.8	323.4	390.1
25°	77.4	89.9	103.4	121.8	146.1	177.2	214.2	259.8	308.3	367.3	445.7
22.5°	84.1	97.7	113.5	133.3	158.4	192.3	236.5	290.1	348.3	409.5	499.5
20°	90.8	106.4	124.6	146.7	169.8	206.3	258.3	323.2	396.2	480.0	568.2
17.5°	97.3	115.1	136.0	160.7	188.5	225.9	280.7	357.9	446.8	555.8	664.4
15°	103.7	123.5	147.1	174.4	207.5	252.2	314.4	399.3	506.7	637.2	765.8
12.5°	109.9	131.8	157.8	187.8	225.9	276.9	346.1	437.7	560.8	716.7	874.7
10°	115.8	139.6	167.9	200.8	243.5	300.0	374.2	471.0	601.6	762.3	938.0
7.5°	118.8	145.0	176.5	213.1	260.1	321.1	398.6	499.1	633.4	798.9	975.2
5°	121.0	147.4	179.7	218.1	269.2	335.5	417.3	522.1	656.9	826.5	1000.3
2.5°	122.7	149.2	182.1	220.8	272.8	340.3	423.5	530.1	669.5	840.9	1015.0
0°	123.8	150.3	183.5	222.4	274.7	342.6	426.4	533.4	674.9	844.2	1020.3
-2.5°	125.0	151.8	185.0	224.9	277.3	345.7	429.5	535.8	678.9	845.1	1023.2
-5°	125.7	152.5	185.6	226.1	278.2	346.3	429.3	533.5	675.7	838.5	1016.9
-7.5°	125.9	152.6	185.3	225.8	277.1	343.6	424.8	526.9	664.7	825.1	1001.6
-10°	125.6	151.9	184.0	223.8	273.9	338.1	416.6	515.4	646.6	802.9	975.6
-12.5°	124.7	150.5	181.9	220.4	268.9	330.1	405.2	498.9	621.5	772.1	939.1
-15°	123.2	148.4	178.7	215.8	262.0	319.9	390.5	477.6	589.1	732.9	893.5
-17.5°	121.2	145.6	174.6	209.9	253.1	307.5	372.7	452.6	554.2	689.2	842.8
-20°	118.6	142.1	169.5	202.7	242.9	294.4	356.2	430.4	521.5	639.2	783.1

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Scaled Data Report



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CATALOG NUMBER: GFLD-SA1C-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°
-22.5°	115.5	137.9	164.1	195.9	233.8	280.9	337.8	405.3	484.8	581.3	717.8
-25°	112.2	133.9	158.8	188.3	223.5	265.5	316.7	378.2	450.2	538.6	651.4
-27.5°	109.0	129.3	152.7	179.4	211.9	249.7	296.9	353.0	417.1	492.2	584.2
-30°	105.5	124.2	145.9	170.2	200.8	235.9	276.7	324.7	381.8	449.7	529.6
-32.5°	101.5	118.7	139.4	162.2	188.9	220.8	256.2	299.6	349.2	405.2	474.3
-35°	97.6	114.0	132.7	153.6	176.2	206.0	238.5	274.5	316.8	366.4	421.6
-37.5°	93.9	108.9	125.6	145.0	166.2	191.0	219.7	252.2	288.6	328.0	375.7
-40°	89.7	103.3	119.1	136.7	155.5	177.0	202.8	230.5	261.8	296.5	333.3
-42.5°	85.1	98.3	112.7	127.8	145.0	164.2	185.7	210.9	236.9	266.0	298.2
-45°	80.7	92.7	105.9	119.8	134.2	151.2	170.6	191.6	214.7	238.5	265.5
-47.5°	76.0	87.0	99.3	111.3	124.2	138.6	155.1	174.2	193.4	214.6	235.5
-50°	71.3	81.6	91.9	103.2	114.7	126.7	140.7	157.1	174.6	192.1	210.6
-52.5°	67.1	76.0	85.3	95.0	105.5	116.2	127.8	141.4	156.7	172.1	188.0
-55°	62.8	71.0	78.7	87.4	96.4	106.1	116.5	127.9	139.4	153.5	167.1
-57.5°	58.6	65.9	72.6	80.0	88.0	96.2	105.6	115.2	125.7	136.4	147.6
-60°	54.4	60.6	66.7	73.0	79.8	87.1	94.6	103.1	112.1	121.3	131.0
-62.5°	50.0	55.0	60.4	66.2	72.2	77.8	84.1	91.1	98.5	106.4	114.6
-65°	45.1	49.3	53.8	58.8	64.4	69.0	73.8	79.0	85.2	91.7	98.2
-67.5°	39.9	43.6	47.3	51.0	55.6	59.6	63.6	67.8	72.3	77.7	82.9
-70°	34.1	37.8	41.0	44.2	47.0	49.9	53.3	56.6	60.3	65.1	69.8
-72.5°	28.3	31.7	34.8	37.4	39.4	41.2	43.2	45.6	49.2	53.6	57.8
-75°	22.9	25.6	28.5	31.0	32.3	32.9	33.3	34.6	38.1	42.7	46.7
-77.5°	17.8	20.2	22.5	24.8	25.7	26.0	26.2	26.2	28.8	32.7	36.8
-80°	13.1	14.8	16.7	18.6	19.2	19.4	19.4	19.3	21.4	24.2	27.2
-82.5°	9.1	10.3	11.6	12.9	13.0	13.0	12.8	12.6	14.3	16.3	18.4
-85°	5.3	5.8	6.6	7.4	7.5	7.4	7.3	7.1	8.0	9.1	10.3
-87.5°	2.7	2.9	3.2	3.4	3.4	3.2	3.0	2.8	3.1	3.4	3.6
-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: P626652 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA1C-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°	0.2	0.2	0.1	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0
85°	0.3	0.2	0.2	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0
82.5°	0.3	0.2	0.2	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0
80°	0.3	0.2	0.2	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0
77.5°	0.3	0.2	0.2	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0
75°	0.3	0.3	0.2	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0
72.5°	0.3	0.3	0.2	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0
70°	0.2	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
67.5°	0.1	0.2	0.2	0.1	0.1	0.0	0.0	0.0	0.0	0.0	0.0
65°	0.3	0.3	0.2	0.1	0.1	0.1	0.1	0.1	0.0	0.0	0.0
62.5°	0.4	0.4	0.3	0.3	0.3	0.3	0.2	0.2	0.2	0.2	0.2
60°	1.6	0.9	0.9	1.2	1.0	0.5	0.9	1.2	1.1	0.8	0.7
57.5°	8.2	6.8	4.8	8.0	8.3	5.8	6.2	8.1	7.9	6.1	6.0
55°	20.5	20.8	22.4	24.4	25.9	26.6	27.2	30.3	33.5	36.7	38.3
52.5°	33.9	37.9	42.9	46.1	48.4	53.1	59.7	62.6	65.5	68.8	71.3
50°	50.0	56.9	61.8	62.6	70.4	75.4	76.6	82.2	88.4	92.2	94.9
47.5°	74.3	83.1	87.4	90.2	99.6	110.0	110.0	113.3	128.7	136.7	140.6
45°	107.1	114.4	122.0	141.8	160.1	165.9	178.3	195.0	205.9	221.0	237.5
42.5°	135.0	148.6	167.8	189.6	207.9	223.1	241.5	261.7	285.9	308.7	328.4
40°	162.6	179.5	203.2	226.9	250.0	271.1	300.7	326.6	355.2	386.6	412.7
37.5°	198.6	220.2	244.7	274.7	310.5	333.9	374.7	412.0	444.2	482.1	505.4
35°	253.9	282.1	303.8	364.3	407.9	435.3	483.6	544.9	568.4	616.1	638.7
32.5°	323.4	360.9	417.9	498.2	556.4	606.8	679.0	741.2	794.2	842.1	891.9
30°	401.5	459.3	543.4	650.1	709.2	779.8	877.5	951.2	1034.3	1125.5	1157.5
27.5°	472.3	559.0	656.7	743.0	828.0	915.9	1011.9	1106.6	1196.6	1272.5	1323.4
25°	538.1	643.0	737.9	830.2	922.2	1021.3	1129.9	1237.3	1336.2	1414.3	1473.7
22.5°	605.8	716.7	818.2	911.9	1018.9	1131.2	1246.7	1369.8	1482.4	1563.5	1628.2
20°	669.5	792.8	908.6	1015.2	1116.5	1246.1	1379.0	1509.7	1632.3	1728.9	1803.4
17.5°	770.7	877.7	1019.2	1157.7	1271.8	1390.8	1568.4	1703.3	1839.4	1955.0	2034.1
15°	894.8	1012.5	1158.7	1348.9	1505.2	1641.6	1825.1	2044.5	2205.0	2352.6	2453.8
12.5°	1019.1	1152.3	1310.4	1524.4	1746.9	1907.5	2130.2	2408.2	2595.2	2823.7	2936.3
10°	1114.4	1281.6	1444.4	1639.7	1853.4	2082.2	2322.1	2582.3	2832.2	3028.4	3203.7
7.5°	1152.7	1330.8	1519.3	1718.6	1932.2	2168.4	2424.1	2694.8	2952.0	3171.1	3363.9
5°	1181.4	1363.9	1553.6	1757.4	1985.7	2232.3	2491.9	2776.1	3038.8	3273.6	3470.8
2.5°	1199.6	1383.8	1572.7	1779.9	2020.1	2274.0	2541.9	2833.6	3100.2	3342.0	3538.5
0°	1206.6	1388.1	1581.6	1794.9	2032.7	2287.2	2566.7	2861.8	3130.5	3364.3	3566.5
-2.5°	1207.6	1384.1	1582.2	1794.4	2021.9	2278.8	2561.7	2854.4	3117.6	3350.5	3554.5
-5°	1198.1	1374.6	1572.8	1781.9	2009.7	2264.6	2535.3	2818.2	3069.2	3295.8	3492.3
-7.5°	1178.9	1354.9	1548.7	1753.0	1974.7	2222.0	2482.0	2744.9	2991.2	3208.5	3396.1
-10°	1150.4	1322.7	1509.8	1708.8	1918.6	2153.8	2401.8	2652.9	2883.9	3084.9	3258.3
-12.5°	1111.8	1280.1	1458.7	1648.8	1844.1	2068.3	2302.4	2538.3	2748.8	2932.3	3087.9
-15°	1061.7	1226.0	1399.0	1578.7	1768.1	1970.9	2181.0	2397.4	2591.5	2754.2	2896.4
-17.5°	1002.6	1162.0	1326.3	1492.9	1672.5	1862.8	2057.8	2252.1	2417.7	2562.2	2692.2
-20°	936.7	1090.3	1246.4	1401.7	1564.7	1740.6	1920.8	2091.4	2236.1	2367.5	2486.3

Classified

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

Scaled Data Report



REPORT NUMBER: P626652 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA1C-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°	862.8	1009.9	1159.5	1304.8	1451.8	1611.1	1772.0	1926.3	2061.7	2174.1	2277.4
-25°	783.8	919.7	1060.9	1197.2	1332.4	1475.2	1621.4	1763.3	1882.5	1980.0	2065.4
-27.5°	704.1	828.3	952.8	1081.0	1206.0	1337.8	1470.1	1592.8	1699.7	1789.6	1861.3
-30°	620.4	731.4	845.1	961.2	1080.5	1201.1	1320.7	1428.0	1521.4	1600.4	1662.4
-32.5°	550.9	635.2	735.5	840.9	952.8	1062.7	1166.7	1264.5	1352.5	1421.5	1474.1
-35°	484.2	555.6	630.7	724.0	820.2	921.3	1016.9	1104.3	1182.7	1243.0	1292.4
-37.5°	426.9	483.4	546.9	613.5	694.1	777.7	864.0	946.1	1016.1	1068.6	1112.8
-40°	377.3	421.8	472.6	525.4	584.7	644.8	719.9	789.3	846.3	895.5	935.5
-42.5°	332.4	370.0	407.5	450.8	495.6	543.8	596.6	647.9	691.7	732.8	766.8
-45°	293.6	323.7	353.6	387.1	419.9	459.2	496.8	530.4	566.0	596.8	621.0
-47.5°	259.8	283.2	308.9	333.9	360.3	389.9	417.9	443.5	469.5	492.0	510.1
-50°	229.7	249.1	270.1	289.7	311.1	332.7	353.5	373.8	393.6	410.7	424.0
-52.5°	203.4	220.3	236.6	252.3	269.3	285.3	300.3	317.1	332.6	346.1	355.2
-55°	180.9	194.8	208.1	221.2	234.1	246.2	258.2	271.2	283.2	293.9	300.7
-57.5°	159.9	171.7	183.0	193.7	203.8	213.5	223.6	233.6	242.8	250.9	256.2
-60°	140.7	150.4	160.2	168.9	177.1	184.8	193.3	201.3	208.7	214.9	218.6
-62.5°	123.2	131.8	139.1	146.0	153.0	159.9	165.9	171.8	177.5	182.3	185.5
-65°	104.8	112.2	118.3	123.9	128.9	134.2	139.4	144.0	148.2	151.3	153.3
-67.5°	88.4	93.8	98.7	103.1	107.6	111.9	115.9	119.4	122.5	124.7	126.1
-70°	74.2	78.3	82.3	86.3	90.3	93.6	96.5	99.1	101.5	102.5	103.0
-72.5°	61.6	65.3	68.8	72.3	75.6	78.2	80.4	82.3	84.1	82.6	79.9
-75°	50.3	53.5	56.8	59.9	62.8	64.8	66.4	67.8	69.1	65.8	61.4
-77.5°	40.9	43.8	46.2	48.7	51.1	52.3	53.3	54.3	55.2	51.6	47.0
-80°	30.4	32.7	34.7	36.8	38.8	39.5	40.0	40.3	40.4	37.3	33.7
-82.5°	20.5	21.7	22.8	24.0	25.2	25.9	26.4	26.7	27.0	24.8	22.3
-85°	11.5	11.8	12.1	12.4	12.6	13.0	13.4	13.7	14.1	13.0	11.9
-87.5°	3.9	3.9	3.9	3.9	3.9	3.9	3.9	3.9	3.9	3.7	3.5
-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: P626652 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA1C-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	0.1
62.5°	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.2	0.2	0.2	0.2
60°	0.6	0.4	0.3	0.3	0.3	0.4	0.6	0.7	0.8	1.1	1.2
57.5°	5.6	4.9	4.4	4.0	4.4	4.9	5.6	6.0	6.1	7.9	8.1
55°	37.6	35.0	31.8	28.1	31.8	35.0	37.6	38.3	36.7	33.5	30.3
52.5°	73.8	76.3	77.7	77.5	77.7	76.3	73.8	71.3	68.8	65.5	62.6
50°	97.1	98.5	98.5	97.4	98.5	98.5	97.1	94.9	92.2	88.4	82.2
47.5°	142.3	140.4	137.2	133.8	137.2	140.4	142.3	140.6	136.7	128.7	113.3
45°	248.4	254.4	254.0	246.3	254.0	254.4	248.4	237.5	221.0	205.9	195.0
42.5°	339.4	348.4	354.7	357.9	354.7	348.4	339.4	328.4	308.7	285.9	261.7
40°	427.4	436.1	439.9	439.7	439.9	436.1	427.4	412.7	386.6	355.2	326.6
37.5°	520.5	531.7	537.2	534.6	537.2	531.7	520.5	505.4	482.1	444.2	412.0
35°	648.5	659.0	659.2	653.9	659.2	659.0	648.5	638.7	616.1	568.4	544.9
32.5°	931.4	934.9	908.0	898.4	908.0	934.9	931.4	891.9	842.1	794.2	741.2
30°	1189.3	1214.2	1237.3	1249.0	1237.3	1214.2	1189.3	1157.5	1125.5	1034.3	951.2
27.5°	1361.8	1391.7	1410.2	1411.4	1410.2	1391.7	1361.8	1323.4	1272.5	1196.6	1106.6
25°	1518.7	1552.2	1572.4	1579.3	1572.4	1552.2	1518.7	1473.7	1414.3	1336.2	1237.3
22.5°	1683.1	1722.6	1748.7	1754.0	1748.7	1722.6	1683.1	1628.2	1563.5	1482.4	1369.8
20°	1873.8	1919.8	1944.8	1943.8	1944.8	1919.8	1873.8	1803.4	1728.9	1632.3	1509.7
17.5°	2124.9	2174.2	2195.8	2186.3	2195.8	2174.2	2124.9	2034.1	1955.0	1839.4	1703.3
15°	2557.8	2660.7	2660.3	2619.2	2660.3	2660.7	2557.8	2453.8	2352.6	2205.0	2044.5
12.5°	3091.7	3168.4	3247.1	3264.0	3247.1	3168.4	3091.7	2936.3	2823.7	2595.2	2408.2
10°	3351.5	3453.3	3520.6	3518.8	3520.6	3453.3	3351.5	3203.7	3028.4	2832.2	2582.3
7.5°	3514.0	3626.5	3708.1	3706.3	3708.1	3626.5	3514.0	3363.9	3171.1	2952.0	2694.8
5°	3639.4	3764.3	3836.4	3841.8	3836.4	3764.3	3639.4	3470.8	3273.6	3038.8	2776.1
2.5°	3704.6	3834.9	3921.7	3910.2	3921.7	3834.9	3704.6	3538.5	3342.0	3100.2	2833.6
0°	3731.8	3860.8	3941.8	3976.7	3941.8	3860.8	3731.8	3566.5	3364.3	3130.5	2861.8
-2.5°	3719.9	3845.4	3934.9	3938.3	3934.9	3845.4	3719.9	3554.5	3350.5	3117.6	2854.4
-5°	3656.2	3788.6	3848.6	3880.4	3848.6	3788.6	3656.2	3492.3	3295.8	3069.2	2818.2
-7.5°	3553.4	3652.6	3728.8	3763.9	3728.8	3652.6	3553.4	3396.1	3208.5	2991.2	2744.9
-10°	3393.4	3496.2	3560.6	3589.5	3560.6	3496.2	3393.4	3258.3	3084.9	2883.9	2652.9
-12.5°	3216.2	3309.6	3370.8	3395.2	3370.8	3309.6	3216.2	3087.9	2932.3	2748.8	2538.3
-15°	3018.5	3103.3	3159.6	3183.1	3159.6	3103.3	3018.5	2896.4	2754.2	2591.5	2397.4
-17.5°	2800.9	2875.1	2931.2	2948.1	2931.2	2875.1	2800.9	2692.2	2562.2	2417.7	2252.1
-20°	2577.0	2644.2	2690.4	2700.5	2690.4	2644.2	2577.0	2486.3	2367.5	2236.1	2091.4



REPORT NUMBER: P626652 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA1C-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°	2351.5	2406.9	2444.4	2457.0	2444.4	2406.9	2351.5	2277.4	2174.1	2061.7	1926.3
-25°	2131.2	2178.9	2209.1	2220.4	2209.1	2178.9	2131.2	2065.4	1980.0	1882.5	1763.3
-27.5°	1919.2	1963.7	1991.4	1995.2	1991.4	1963.7	1919.2	1861.3	1789.6	1699.7	1592.8
-30°	1710.7	1747.4	1768.8	1777.9	1768.8	1747.4	1710.7	1662.4	1600.4	1521.4	1428.0
-32.5°	1515.7	1547.8	1567.0	1572.2	1567.0	1547.8	1515.7	1474.1	1421.5	1352.5	1264.5
-35°	1331.7	1361.4	1378.4	1377.1	1378.4	1361.4	1331.7	1292.4	1243.0	1182.7	1104.3
-37.5°	1149.3	1176.7	1192.2	1190.7	1192.2	1176.7	1149.3	1112.8	1068.6	1016.1	946.1
-40°	968.4	992.0	1005.6	1008.9	1005.6	992.0	968.4	935.5	895.5	846.3	789.3
-42.5°	795.1	816.8	827.7	823.5	827.7	816.8	795.1	766.8	732.8	691.7	647.9
-45°	638.0	649.2	656.6	661.3	656.6	649.2	638.0	621.0	596.8	566.0	530.4
-47.5°	523.3	532.7	537.7	538.6	537.7	532.7	523.3	510.1	492.0	469.5	443.5
-50°	434.4	442.3	445.8	444.8	445.8	442.3	434.4	424.0	410.7	393.6	373.8
-52.5°	361.7	366.3	369.5	371.0	369.5	366.3	361.7	355.2	346.1	332.6	317.1
-55°	305.8	309.4	311.5	312.2	311.5	309.4	305.8	300.7	293.9	283.2	271.2
-57.5°	260.5	263.9	265.1	264.7	265.1	263.9	260.5	256.2	250.9	242.8	233.6
-60°	221.4	223.3	224.8	225.5	224.8	223.3	221.4	218.6	214.9	208.7	201.3
-62.5°	188.0	189.8	191.4	192.3	191.4	189.8	188.0	185.5	182.3	177.5	171.8
-65°	154.7	155.5	155.7	155.4	155.7	155.5	154.7	153.3	151.3	148.2	144.0
-67.5°	127.2	127.9	128.3	128.4	128.3	127.9	127.2	126.1	124.7	122.5	119.4
-70°	103.4	103.6	103.3	102.5	103.3	103.6	103.4	103.0	102.5	101.5	99.1
-72.5°	77.2	74.4	71.6	68.5	71.6	74.4	77.2	79.9	82.6	84.1	82.3
-75°	56.8	52.0	50.3	48.6	50.3	52.0	56.8	61.4	65.8	69.1	67.8
-77.5°	42.2	37.2	35.9	34.7	35.9	37.2	42.2	47.0	51.6	55.2	54.3
-80°	30.0	26.1	25.2	24.4	25.2	26.1	30.0	33.7	37.3	40.4	40.3
-82.5°	19.7	17.0	16.4	15.9	16.4	17.0	19.7	22.3	24.8	27.0	26.7
-85°	10.6	9.4	9.1	8.8	9.1	9.4	10.6	11.9	13.0	14.1	13.7
-87.5°	3.3	3.1	3.1	3.1	3.1	3.1	3.3	3.5	3.7	3.9	3.9
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



REPORT NUMBER: P626652 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA1C-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	0.1	0.1	0.2	0.2	0.2	0.2	0.2	0.2
85°	0.0	0.0	0.0	0.1	0.2	0.2	0.3	0.3	0.3	0.3	0.3
82.5°	0.0	0.0	0.0	0.1	0.2	0.2	0.3	0.3	0.3	0.3	0.3
80°	0.0	0.0	0.0	0.1	0.2	0.2	0.3	0.3	0.3	0.3	0.3
77.5°	0.0	0.0	0.0	0.1	0.2	0.2	0.3	0.3	0.3	0.3	0.3
75°	0.0	0.0	0.0	0.1	0.2	0.3	0.3	0.3	0.3	0.3	0.3
72.5°	0.0	0.0	0.0	0.1	0.2	0.3	0.3	0.3	0.3	0.3	0.3
70°	0.0	0.0	0.0	0.0	0.0	0.1	0.2	0.2	0.3	0.3	0.3
67.5°	0.0	0.0	0.1	0.1	0.2	0.2	0.1	0.2	0.2	0.3	0.3
65°	0.1	0.1	0.1	0.1	0.2	0.3	0.3	0.3	0.3	0.3	0.3
62.5°	0.2	0.3	0.3	0.3	0.3	0.4	0.4	0.4	0.4	0.5	0.7
60°	0.9	0.5	1.0	1.2	0.9	0.9	1.6	1.5	0.6	2.1	2.6
57.5°	6.2	5.8	8.3	8.0	4.8	6.8	8.2	5.5	3.8	6.1	7.3
55°	27.2	26.6	25.9	24.4	22.4	20.8	20.5	20.5	16.3	11.8	13.4
52.5°	59.7	53.1	48.4	46.1	42.9	37.9	33.9	33.1	32.2	26.6	22.0
50°	76.6	75.4	70.4	62.6	61.8	56.9	50.0	45.2	44.6	40.8	33.8
47.5°	110.0	110.0	99.6	90.2	87.4	83.1	74.3	61.5	60.3	57.1	49.3
45°	178.3	165.9	160.1	141.8	122.0	114.4	107.1	91.6	79.0	74.0	68.5
42.5°	241.5	223.1	207.9	189.6	167.8	148.6	135.0	118.0	102.7	92.2	84.3
40°	300.7	271.1	250.0	226.9	203.2	179.5	162.6	141.2	123.8	109.6	101.3
37.5°	374.7	333.9	310.5	274.7	244.7	220.2	198.6	171.4	143.5	131.9	121.6
35°	483.6	435.3	407.9	364.3	303.8	282.1	253.9	213.2	177.9	158.1	145.3
32.5°	679.0	606.8	556.4	498.2	417.9	360.9	323.4	278.2	221.5	193.1	171.9
30°	877.5	779.8	709.2	650.1	543.4	459.3	401.5	337.5	276.4	230.3	201.6
27.5°	1011.9	915.9	828.0	743.0	656.7	559.0	472.3	390.1	323.4	271.8	234.7
25°	1129.9	1021.3	922.2	830.2	737.9	643.0	538.1	445.7	367.3	308.3	259.8
22.5°	1246.7	1131.2	1018.9	911.9	818.2	716.7	605.8	499.5	409.5	348.3	290.1
20°	1379.0	1246.1	1116.5	1015.2	908.6	792.8	669.5	568.2	480.0	396.2	323.2
17.5°	1568.4	1390.8	1271.8	1157.7	1019.2	877.7	770.7	664.4	555.8	446.8	357.9
15°	1825.1	1641.6	1505.2	1348.9	1158.7	1012.5	894.8	765.8	637.2	506.7	399.3
12.5°	2130.2	1907.5	1746.9	1524.4	1310.4	1152.3	1019.1	874.7	716.7	560.8	437.7
10°	2322.1	2082.2	1853.4	1639.7	1444.4	1281.6	1114.4	938.0	762.3	601.6	471.0
7.5°	2424.1	2168.4	1932.2	1718.6	1519.3	1330.8	1152.7	975.2	798.9	633.4	499.1
5°	2491.9	2232.3	1985.7	1757.4	1553.6	1363.9	1181.4	1000.3	826.5	656.9	522.1
2.5°	2541.9	2274.0	2020.1	1779.9	1572.7	1383.8	1199.6	1015.0	840.9	669.5	530.1
0°	2566.7	2287.2	2032.7	1794.9	1581.6	1388.1	1206.6	1020.3	844.2	674.9	533.4
-2.5°	2561.7	2278.8	2021.9	1794.4	1582.2	1384.1	1207.6	1023.2	845.1	678.9	535.8
-5°	2535.3	2264.6	2009.7	1781.9	1572.8	1374.6	1198.1	1016.9	838.5	675.7	533.5
-7.5°	2482.0	2222.0	1974.7	1753.0	1548.7	1354.9	1178.9	1001.6	825.1	664.7	526.9
-10°	2401.8	2153.8	1918.6	1708.8	1509.8	1322.7	1150.4	975.6	802.9	646.6	515.4
-12.5°	2302.4	2068.3	1844.1	1648.8	1458.7	1280.1	1111.8	939.1	772.1	621.5	498.9
-15°	2181.0	1970.9	1768.1	1578.7	1399.0	1226.0	1061.7	893.5	732.9	589.1	477.6
-17.5°	2057.8	1862.8	1672.5	1492.9	1326.3	1162.0	1002.6	842.8	689.2	554.2	452.6
-20°	1920.8	1740.6	1564.7	1401.7	1246.4	1090.3	936.7	783.1	639.2	521.5	430.4



REPORT NUMBER: P626652 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA1C-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°	1772.0	1611.1	1451.8	1304.8	1159.5	1009.9	862.8	717.8	581.3	484.8	405.3
-25°	1621.4	1475.2	1332.4	1197.2	1060.9	919.7	783.8	651.4	538.6	450.2	378.2
-27.5°	1470.1	1337.8	1206.0	1081.0	952.8	828.3	704.1	584.2	492.2	417.1	353.0
-30°	1320.7	1201.1	1080.5	961.2	845.1	731.4	620.4	529.6	449.7	381.8	324.7
-32.5°	1166.7	1062.7	952.8	840.9	735.5	635.2	550.9	474.3	405.2	349.2	299.6
-35°	1016.9	921.3	820.2	724.0	630.7	555.6	484.2	421.6	366.4	316.8	274.5
-37.5°	864.0	777.7	694.1	613.5	546.9	483.4	426.9	375.7	328.0	288.6	252.2
-40°	719.9	644.8	584.7	525.4	472.6	421.8	377.3	333.3	296.5	261.8	230.5
-42.5°	596.6	543.8	495.6	450.8	407.5	370.0	332.4	298.2	266.0	236.9	210.9
-45°	496.8	459.2	419.9	387.1	353.6	323.7	293.6	265.5	238.5	214.7	191.6
-47.5°	417.9	389.9	360.3	333.9	308.9	283.2	259.8	235.5	214.6	193.4	174.2
-50°	353.5	332.7	311.1	289.7	270.1	249.1	229.7	210.6	192.1	174.6	157.1
-52.5°	300.3	285.3	269.3	252.3	236.6	220.3	203.4	188.0	172.1	156.7	141.4
-55°	258.2	246.2	234.1	221.2	208.1	194.8	180.9	167.1	153.5	139.4	127.9
-57.5°	223.6	213.5	203.8	193.7	183.0	171.7	159.9	147.6	136.4	125.7	115.2
-60°	193.3	184.8	177.1	168.9	160.2	150.4	140.7	131.0	121.3	112.1	103.1
-62.5°	165.9	159.9	153.0	146.0	139.1	131.8	123.2	114.6	106.4	98.5	91.1
-65°	139.4	134.2	128.9	123.9	118.3	112.2	104.8	98.2	91.7	85.2	79.0
-67.5°	115.9	111.9	107.6	103.1	98.7	93.8	88.4	82.9	77.7	72.3	67.8
-70°	96.5	93.6	90.3	86.3	82.3	78.3	74.2	69.8	65.1	60.3	56.6
-72.5°	80.4	78.2	75.6	72.3	68.8	65.3	61.6	57.8	53.6	49.2	45.6
-75°	66.4	64.8	62.8	59.9	56.8	53.5	50.3	46.7	42.7	38.1	34.6
-77.5°	53.3	52.3	51.1	48.7	46.2	43.8	40.9	36.8	32.7	28.8	26.2
-80°	40.0	39.5	38.8	36.8	34.7	32.7	30.4	27.2	24.2	21.4	19.3
-82.5°	26.4	25.9	25.2	24.0	22.8	21.7	20.5	18.4	16.3	14.3	12.6
-85°	13.4	13.0	12.6	12.4	12.1	11.8	11.5	10.3	9.1	8.0	7.1
-87.5°	3.9	3.9	3.9	3.9	3.9	3.9	3.9	3.6	3.4	3.1	2.8
-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: P626652 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA1C-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°	0.2	0.2	0.2	0.2	0.2	0.1	0.1	0.1	0.1	0.1	0.1
85°	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.2	0.2	0.2
82.5°	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3
80°	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3
77.5°	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3
75°	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3
72.5°	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3
70°	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3
67.5°	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.4	0.4	0.3	0.3
65°	0.3	0.3	0.3	0.4	0.4	0.3	0.3	0.6	0.5	0.4	0.3
62.5°	0.6	0.3	0.8	1.0	0.6	0.5	0.4	1.2	0.8	0.6	0.4
60°	1.3	1.1	2.0	3.0	2.2	0.8	1.2	2.0	1.9	0.7	0.6
57.5°	6.6	3.0	4.4	5.8	5.5	3.1	2.5	3.5	3.2	1.9	0.8
55°	13.6	11.6	9.2	9.2	9.3	7.3	5.2	5.4	4.8	3.4	1.1
52.5°	20.7	20.1	17.9	14.6	13.4	12.1	9.9	7.6	7.1	5.1	2.7
50°	29.6	27.9	26.2	22.8	18.5	16.8	14.5	11.6	9.6	7.1	4.4
47.5°	39.7	36.9	34.2	30.9	26.2	21.7	19.2	15.8	12.4	9.7	6.2
45°	55.4	46.3	42.7	38.9	34.0	28.4	24.1	20.0	16.1	12.4	7.9
42.5°	71.6	58.9	51.4	47.1	42.0	35.7	29.2	24.5	19.8	15.0	10.0
40°	87.9	72.1	60.8	55.5	50.3	43.0	35.6	29.3	23.4	17.8	12.3
37.5°	105.5	87.0	71.7	64.2	58.7	50.8	42.2	34.2	27.0	20.7	14.6
35°	127.4	104.6	83.5	74.2	66.9	58.8	48.7	39.5	31.4	23.8	16.8
32.5°	152.0	124.0	100.4	85.1	75.2	66.9	55.6	45.4	35.9	26.8	19.0
30°	176.5	144.0	116.5	96.0	84.0	74.5	63.0	51.4	40.5	29.8	21.3
27.5°	195.2	161.2	131.5	109.0	93.8	82.1	70.3	57.5	45.1	33.1	23.7
25°	214.2	177.2	146.1	121.8	103.4	89.9	77.4	63.5	50.1	36.9	26.1
22.5°	236.5	192.3	158.4	133.3	113.5	97.7	84.1	69.6	55.1	40.6	28.4
20°	258.3	206.3	169.8	146.7	124.6	106.4	90.8	75.4	60.0	44.3	30.7
17.5°	280.7	225.9	188.5	160.7	136.0	115.1	97.3	80.9	64.7	47.9	32.8
15°	314.4	252.2	207.5	174.4	147.1	123.5	103.7	86.1	69.3	51.4	34.8
12.5°	346.1	276.9	225.9	187.8	157.8	131.8	109.9	91.0	73.7	54.3	36.4
10°	374.2	300.0	243.5	200.8	167.9	139.6	115.8	94.8	76.3	56.6	37.8
7.5°	398.6	321.1	260.1	213.1	176.5	145.0	118.8	96.8	78.2	58.6	39.1
5°	417.3	335.5	269.2	218.1	179.7	147.4	121.0	98.5	79.8	60.3	40.2
2.5°	423.5	340.3	272.8	220.8	182.1	149.2	122.7	99.7	81.0	61.7	41.1
0°	426.4	342.6	274.7	222.4	183.5	150.3	123.8	100.6	81.8	62.8	41.8
-2.5°	429.5	345.7	277.3	224.9	185.0	151.8	125.0	101.9	83.0	64.0	43.0
-5°	429.3	346.3	278.2	226.1	185.6	152.5	125.7	102.9	83.8	64.9	44.0
-7.5°	424.8	343.6	277.1	225.8	185.3	152.6	125.9	103.4	84.3	65.5	44.8
-10°	416.6	338.1	273.9	223.8	184.0	151.9	125.6	103.6	84.5	65.7	45.3
-12.5°	405.2	330.1	268.9	220.4	181.9	150.5	124.7	103.1	84.4	65.6	45.7
-15°	390.5	319.9	262.0	215.8	178.7	148.4	123.2	102.1	83.7	65.1	45.7
-17.5°	372.7	307.5	253.1	209.9	174.6	145.6	121.2	100.7	82.7	64.3	45.6
-20°	356.2	294.4	242.9	202.7	169.5	142.1	118.6	98.9	81.4	63.2	45.4

Classified

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

Scaled Data Report



REPORT NUMBER: P626652 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA1C-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°	337.8	280.9	233.8	195.9	164.1	137.9	115.5	96.8	80.0	62.0	45.0
-25°	316.7	265.5	223.5	188.3	158.8	133.9	112.2	94.2	78.3	60.6	44.4
-27.5°	296.9	249.7	211.9	179.4	152.7	129.3	109.0	91.9	76.3	59.0	43.6
-30°	276.7	235.9	200.8	170.2	145.9	124.2	105.5	89.4	74.1	57.6	42.7
-32.5°	256.2	220.8	188.9	162.2	139.4	118.7	101.5	86.8	71.8	56.2	41.9
-35°	238.5	206.0	176.2	153.6	132.7	114.0	97.6	83.9	69.4	54.7	41.0
-37.5°	219.7	191.0	166.2	145.0	125.6	108.9	93.9	80.6	66.9	53.0	39.9
-40°	202.8	177.0	155.5	136.7	119.1	103.3	89.7	77.0	64.6	51.0	38.7
-42.5°	185.7	164.2	145.0	127.8	112.7	98.3	85.1	73.2	61.7	49.3	37.3
-45°	170.6	151.2	134.2	119.8	105.9	92.7	80.7	69.2	58.5	47.4	35.8
-47.5°	155.1	138.6	124.2	111.3	99.3	87.0	76.0	65.5	55.2	45.4	34.3
-50°	140.7	126.7	114.7	103.2	91.9	81.6	71.3	61.8	52.2	42.7	32.6
-52.5°	127.8	116.2	105.5	95.0	85.3	76.0	67.1	57.9	49.0	40.1	30.7
-55°	116.5	106.1	96.4	87.4	78.7	71.0	62.8	54.3	45.8	37.3	28.7
-57.5°	105.6	96.2	88.0	80.0	72.6	65.9	58.6	50.6	42.5	34.5	26.9
-60°	94.6	87.1	79.8	73.0	66.7	60.6	54.4	46.7	39.0	31.5	24.8
-62.5°	84.1	77.8	72.2	66.2	60.4	55.0	50.0	42.7	35.5	28.6	22.4
-65°	73.8	69.0	64.4	58.8	53.8	49.3	45.1	38.6	31.8	25.5	19.9
-67.5°	63.6	59.6	55.6	51.0	47.3	43.6	39.9	34.0	27.8	22.2	17.4
-70°	53.3	49.9	47.0	44.2	41.0	37.8	34.1	29.1	23.7	19.1	14.8
-72.5°	43.2	41.2	39.4	37.4	34.8	31.7	28.3	24.2	19.9	15.9	12.1
-75°	33.3	32.9	32.3	31.0	28.5	25.6	22.9	19.7	16.1	12.6	9.9
-77.5°	26.2	26.0	25.7	24.8	22.5	20.2	17.8	15.1	12.4	10.0	7.8
-80°	19.4	19.4	19.2	18.6	16.7	14.8	13.1	11.4	9.4	7.5	5.6
-82.5°	12.8	13.0	13.0	12.9	11.6	10.3	9.1	7.9	6.3	4.9	3.8
-85°	7.3	7.4	7.5	7.4	6.6	5.8	5.3	4.8	4.0	3.2	2.5
-87.5°	3.0	3.2	3.4	3.4	3.2	2.9	2.7	2.4	2.0	1.6	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

Classified

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

Scaled Data Report



REPORT NUMBER: P626652 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA1C-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°	0.1	0.1	0.1	0.0	0.0	0.0	0.0
85°	0.2	0.1	0.1	0.1	0.1	0.0	0.0
82.5°	0.2	0.2	0.2	0.1	0.1	0.0	0.0
80°	0.3	0.3	0.2	0.2	0.1	0.1	0.0
77.5°	0.3	0.3	0.3	0.2	0.1	0.1	0.0
75°	0.3	0.3	0.3	0.2	0.2	0.1	0.0
72.5°	0.3	0.3	0.3	0.3	0.2	0.1	0.0
70°	0.3	0.3	0.3	0.3	0.2	0.1	0.0
67.5°	0.3	0.3	0.3	0.3	0.2	0.1	0.0
65°	0.4	0.3	0.3	0.3	0.3	0.1	0.0
62.5°	0.4	0.4	0.3	0.3	0.3	0.1	0.0
60°	0.5	0.5	0.3	0.3	0.3	0.1	0.0
57.5°	0.8	0.5	0.4	0.3	0.3	0.2	0.0
55°	1.2	0.6	0.5	0.3	0.3	0.2	0.0
52.5°	1.7	0.8	0.5	0.3	0.3	0.2	0.0
50°	2.2	1.3	0.6	0.3	0.3	0.2	0.0
47.5°	2.9	1.8	0.7	0.3	0.3	0.2	0.0
45°	4.5	2.4	0.8	0.4	0.3	0.2	0.0
42.5°	6.0	3.0	0.9	0.5	0.3	0.2	0.0
40°	7.5	3.6	1.2	0.6	0.4	0.2	0.0
37.5°	9.0	4.3	1.7	0.7	0.4	0.2	0.0
35°	10.5	5.3	2.2	0.8	0.4	0.2	0.0
32.5°	12.1	6.5	2.7	1.0	0.4	0.3	0.0
30°	13.8	7.6	3.2	1.1	0.4	0.3	0.0
27.5°	15.6	8.7	3.8	1.3	0.4	0.3	0.0
25°	17.2	9.8	4.4	1.4	0.4	0.3	0.0
22.5°	18.8	10.8	4.9	1.6	0.5	0.3	0.0
20°	20.3	11.9	5.5	1.8	0.5	0.3	0.0
17.5°	21.7	12.8	6.0	2.0	0.5	0.3	0.0
15°	23.0	13.7	6.5	2.1	0.5	0.3	0.0
12.5°	24.2	14.5	6.9	2.3	0.5	0.3	0.0
10°	25.3	15.3	7.4	2.5	0.5	0.3	0.0
7.5°	26.2	16.0	7.8	2.7	0.6	0.3	0.0
5°	27.1	16.6	8.2	2.8	0.6	0.3	0.0
2.5°	27.8	17.1	8.5	3.0	0.6	0.3	0.0
0°	28.4	17.6	8.8	3.1	0.6	0.3	0.0
-2.5°	29.2	18.2	9.2	3.3	0.7	0.3	0.0
-5°	29.8	18.6	9.6	3.5	0.8	0.3	0.0
-7.5°	30.3	19.0	9.9	3.6	0.9	0.3	0.0
-10°	30.7	19.3	10.1	3.8	0.9	0.4	0.0
-12.5°	30.9	19.5	10.3	3.9	1.0	0.4	0.0
-15°	31.0	19.6	10.4	4.0	1.1	0.4	0.0
-17.5°	30.9	19.5	10.5	4.1	1.1	0.4	0.0
-20°	30.8	19.4	10.4	4.1	1.2	0.4	0.0

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REPORT NUMBER: P626652 (CONVERTED FROM TYPE C PHOTOMETRY)

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

CANDELA DISTRIBUTION (continued):

	75°	77.5°	80°	82.5°	85°	87.5°	90°
-22.5°	30.8	19.2	10.4	4.2	1.3	0.4	0.0
-25°	30.7	19.1	10.2	4.2	1.3	0.4	0.0
-27.5°	30.4	19.1	9.9	4.1	1.3	0.4	0.0
-30°	29.9	18.9	9.7	4.1	1.4	0.4	0.0
-32.5°	29.3	18.5	9.5	4.0	1.4	0.4	0.0
-35°	28.7	18.1	9.3	3.9	1.4	0.4	0.0
-37.5°	28.1	17.6	9.1	3.8	1.4	0.4	0.0
-40°	27.3	17.2	8.7	3.6	1.4	0.4	0.0
-42.5°	26.3	16.6	8.4	3.4	1.4	0.4	0.0
-45°	25.2	16.0	8.3	3.3	1.3	0.4	0.0
-47.5°	23.9	15.2	8.0	3.1	1.3	0.4	0.0
-50°	22.8	14.4	7.7	3.1	1.3	0.4	0.0
-52.5°	21.6	13.4	7.3	3.0	1.2	0.4	0.0
-55°	20.3	12.6	6.8	2.9	1.1	0.4	0.0
-57.5°	18.8	11.8	6.2	2.8	1.1	0.3	0.0
-60°	17.3	10.8	5.6	2.7	1.0	0.3	0.0
-62.5°	15.8	9.7	5.2	2.5	0.9	0.3	0.0
-65°	14.1	8.5	4.7	2.2	0.9	0.3	0.0
-67.5°	12.3	7.5	4.2	2.0	0.8	0.3	0.0
-70°	10.4	6.6	3.7	1.7	0.7	0.2	0.0
-72.5°	8.8	5.6	3.1	1.5	0.6	0.2	0.0
-75°	7.2	4.5	2.4	1.3	0.6	0.2	0.0
-77.5°	5.6	3.4	2.0	1.1	0.5	0.1	0.0
-80°	3.9	2.6	1.6	0.9	0.4	0.1	0.0
-82.5°	2.8	2.0	1.2	0.7	0.3	0.1	0.0
-85°	1.9	1.3	0.8	0.5	0.2	0.1	0.0
-87.5°	1.0	0.7	0.4	0.2	0.1	0.0	0.0
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0

(END OF REPORT)