

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: P626812 (CONVERTED FROM TYPE C PHOTOMETRY)

Luminaire Tested: **GFLD-SA1E-740-U-WR-VSR-XX**

Issue Date: 12/7/2022

Test Information

Test Method: LM-79-08
Report Number: P626812 (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-SA1E-740-U-WR-VSR-XX
Description: GALLEON FLOOD, ONE LIGHT SQAURE, WIDE SYMMETRICAL ROUND N6 WITH VISOR
Light Source: (16) 4000K CCT, 70 CRI LEDS
Ballast/Driver: -

Summary

Lumens per Lamp: N/A
Luminaire Lumens: 6281.6 lumens
Efficiency: N/A
Efficacy: 94.9 lumens/watt
Luminous Opening: Rectangular (W 0.5' x L: 0.5' x H: 0')

NEMA Type: 5H x 5V
Max Intensity: 7120.2 candela
Max Intensity Angle: 0°H x 0°V

Beam Angle (50%): 50.9°H x 47.1°V
Beam Lumens: 3024.3 lumens
Beam Efficiency: 48.1%

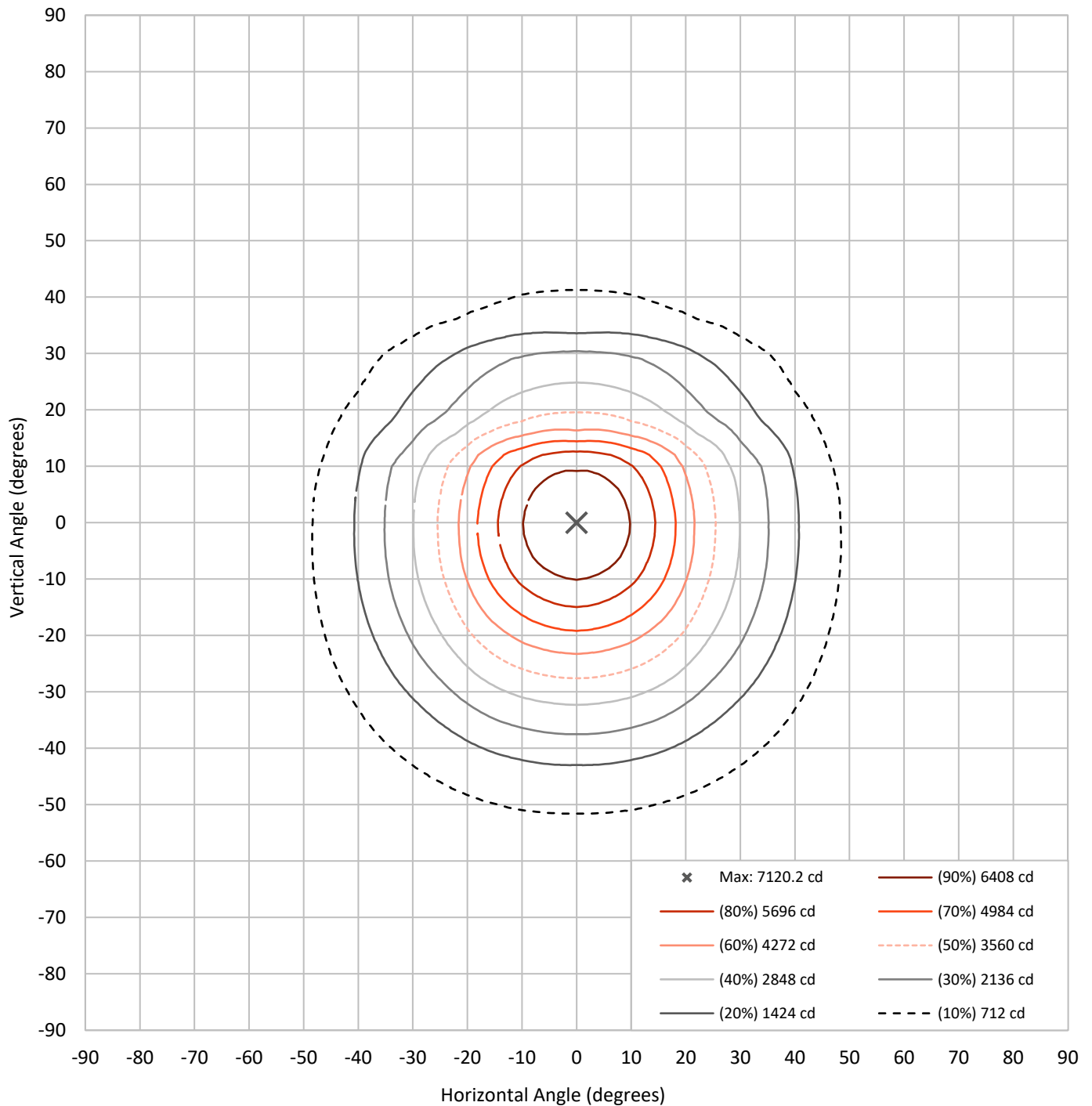
Field Angle (10%): 96.7°H x 92.9°V
Field Lumens: 5624.2 lumens
Field Efficiency: 89.5%

Input Watts (W): 66.2
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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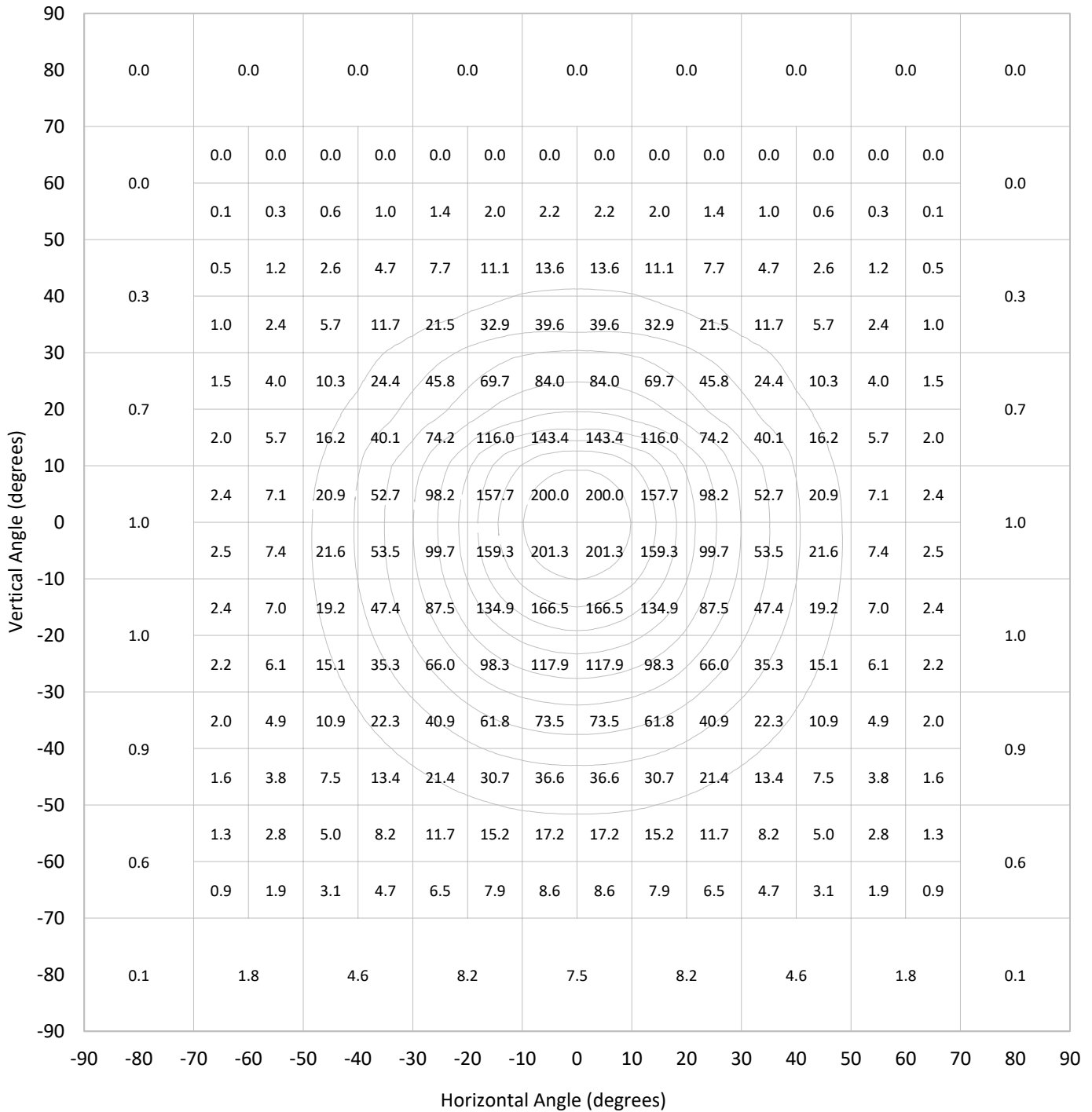
Iso-Candela Plot





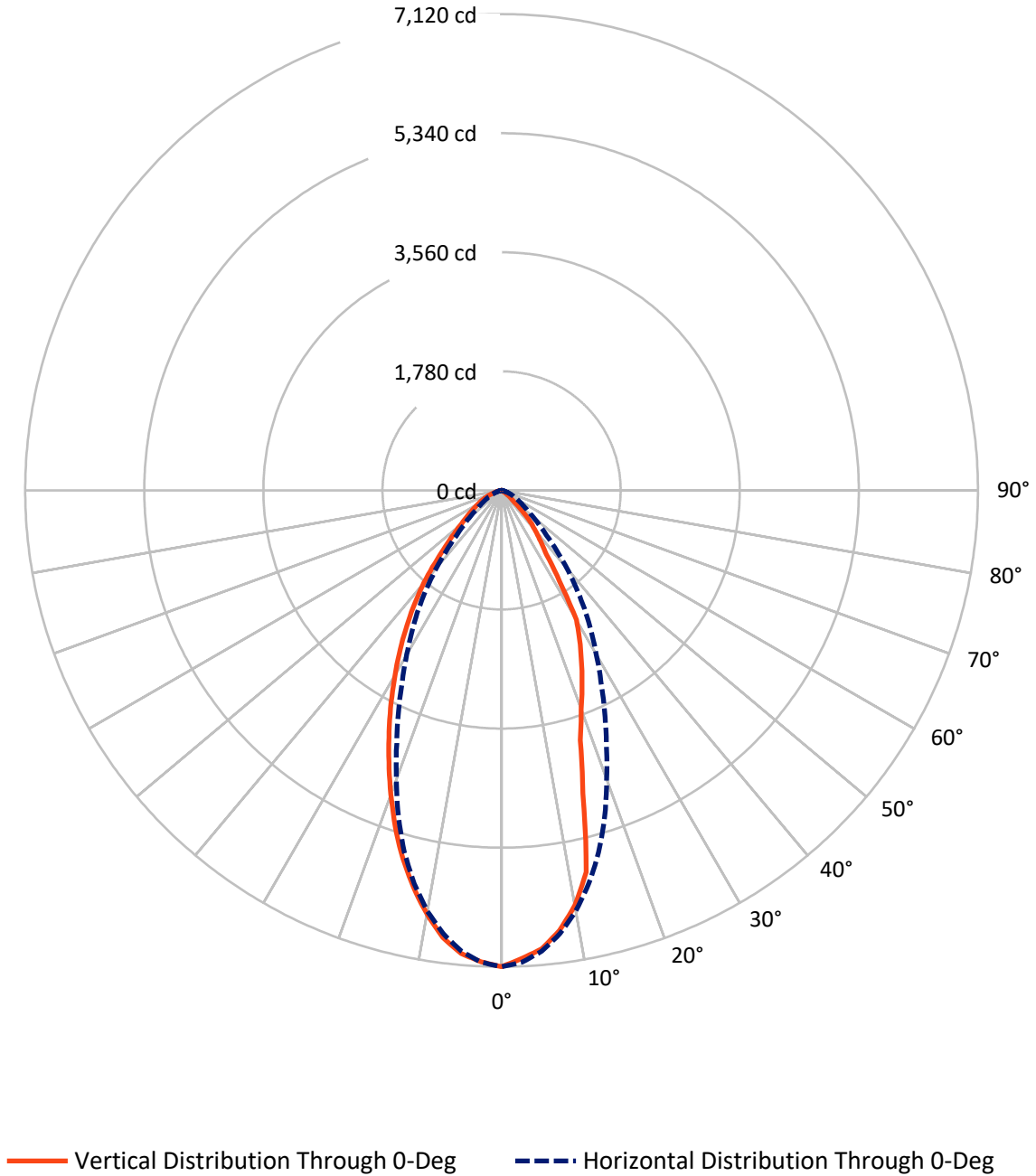
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Lumen Table



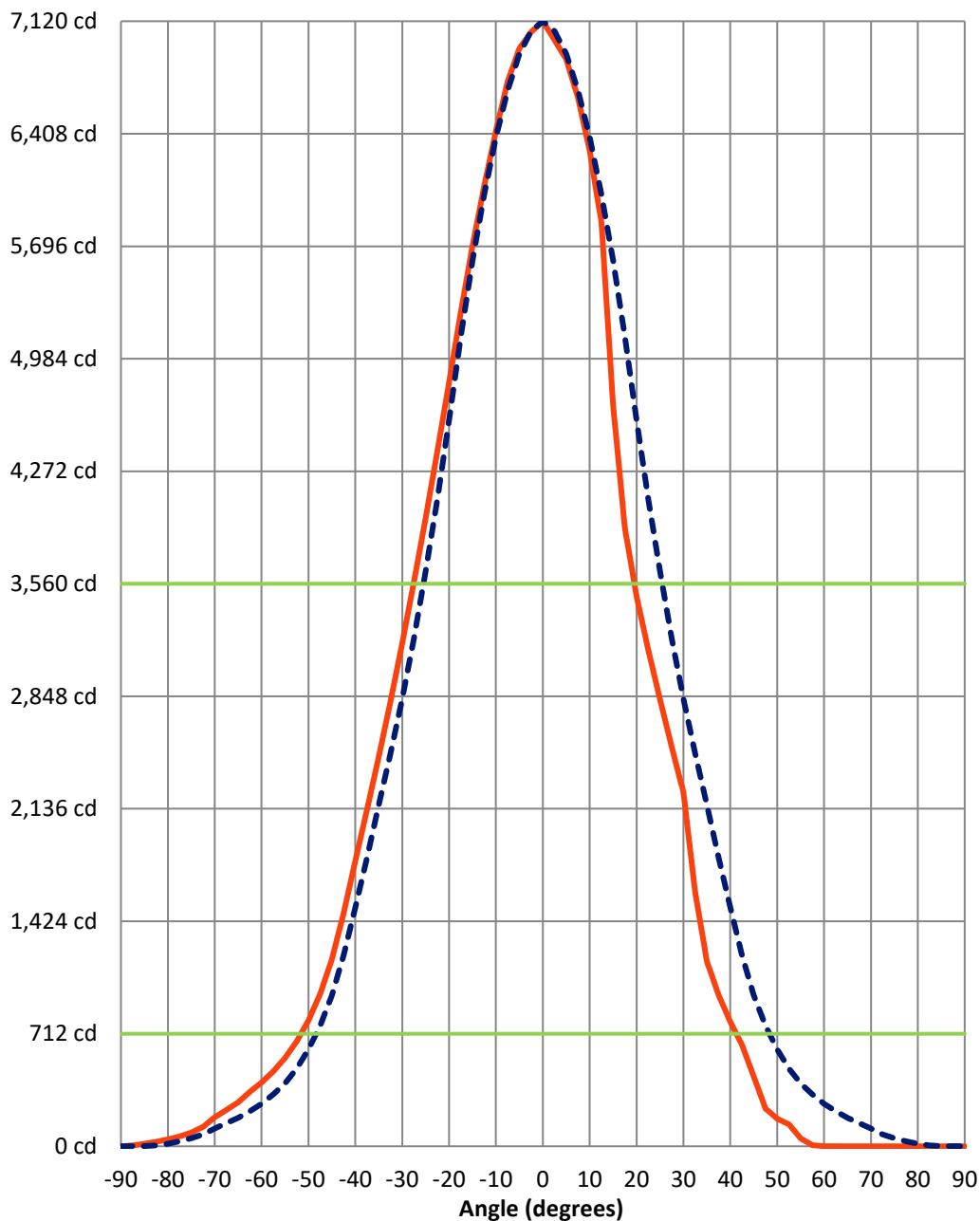
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Luminous Intensity Polar Plot



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Luminous Intensity Plot



Beam:
 H Angle: 50.9°
 V Angle: 47.1°
 Lumens: 3024.3
 Efficiency: 48.1%

Field:
 H Angle: 96.7°
 V Angle: 92.9°
 Lumens: 5624.2
 Efficiency: 89.5%

Spill:
 Lumens: 657.4
 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	0.1	0.1	0.1	0.1	0.2	0.2	0.2	0.2
85°	0.0	0.0	0.1	0.1	0.2	0.2	0.3	0.3	0.3	0.4	0.4
82.5°	0.0	0.1	0.1	0.2	0.3	0.3	0.4	0.4	0.5	0.5	0.5
80°	0.0	0.1	0.2	0.3	0.3	0.4	0.5	0.5	0.5	0.5	0.5
77.5°	0.0	0.1	0.2	0.3	0.4	0.5	0.5	0.5	0.5	0.5	0.5
75°	0.0	0.1	0.3	0.4	0.5	0.5	0.5	0.5	0.5	0.5	0.5
72.5°	0.0	0.2	0.3	0.4	0.5	0.5	0.5	0.5	0.5	0.5	0.5
70°	0.0	0.2	0.3	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5
67.5°	0.0	0.2	0.4	0.5	0.5	0.5	0.5	0.5	0.5	0.6	0.6
65°	0.0	0.2	0.4	0.5	0.5	0.6	0.6	0.5	0.7	0.8	1.0
62.5°	0.0	0.2	0.5	0.5	0.5	0.7	0.7	0.7	1.0	1.3	2.1
60°	0.0	0.2	0.5	0.5	0.5	0.8	0.8	0.9	1.2	3.4	3.6
57.5°	0.0	0.3	0.5	0.5	0.6	0.9	1.4	1.3	3.3	5.7	6.2
55°	0.0	0.3	0.5	0.5	0.8	1.1	2.1	1.9	6.1	8.5	9.7
52.5°	0.0	0.3	0.5	0.5	1.0	1.4	2.9	4.8	9.1	12.7	13.7
50°	0.0	0.3	0.5	0.5	1.1	2.3	3.9	7.9	12.7	17.3	20.9
47.5°	0.0	0.3	0.5	0.5	1.3	3.2	5.2	11.1	17.4	22.4	28.4
45°	0.0	0.4	0.6	0.7	1.5	4.2	7.9	14.2	22.2	29.0	35.7
42.5°	0.0	0.4	0.6	0.8	1.7	5.3	10.7	18.0	26.9	35.5	43.9
40°	0.0	0.4	0.6	1.0	2.2	6.4	13.4	22.1	31.9	41.9	52.4
37.5°	0.0	0.4	0.6	1.2	3.1	7.6	16.1	26.2	37.2	48.4	61.1
35°	0.0	0.4	0.6	1.4	4.0	9.4	18.8	30.2	42.6	56.2	70.6
32.5°	0.0	0.4	0.7	1.7	4.9	11.5	21.6	34.1	47.9	64.2	81.3
30°	0.0	0.4	0.7	2.0	5.8	13.6	24.8	38.1	53.3	72.4	92.0
27.5°	0.0	0.4	0.7	2.3	6.8	15.6	27.9	42.5	59.2	80.7	102.8
25°	0.0	0.5	0.7	2.6	7.8	17.5	30.8	46.7	65.9	89.5	113.6
22.5°	0.0	0.5	0.8	2.9	8.8	19.4	33.7	50.9	72.6	98.5	124.6
20°	0.0	0.5	0.8	3.2	9.8	21.2	36.4	54.9	79.2	107.3	135.0
17.5°	0.0	0.5	0.8	3.5	10.7	23.0	38.9	58.8	85.7	115.8	144.9
15°	0.0	0.5	0.8	3.8	11.6	24.6	41.2	62.2	91.9	124.1	154.3
12.5°	0.0	0.5	0.9	4.2	12.5	26.1	43.4	65.1	97.0	131.9	163.0
10°	0.0	0.5	0.9	4.5	13.3	27.4	45.3	67.7	101.2	136.6	169.9
7.5°	0.0	0.5	0.9	4.8	14.0	28.6	47.0	69.9	104.8	140.1	173.4
5°	0.0	0.5	1.0	5.1	14.7	29.7	48.5	71.9	107.9	142.9	176.3
2.5°	0.0	0.5	1.0	5.4	15.3	30.7	49.8	73.5	110.4	145.0	178.5
0°	0.0	0.5	1.0	5.6	15.8	31.5	50.9	74.8	112.4	146.5	180.0
-2.5°	0.0	0.5	1.2	6.0	16.5	32.5	52.3	76.9	114.6	148.6	182.4
-5°	0.0	0.6	1.3	6.3	17.1	33.3	53.4	78.7	116.2	150.1	184.1
-7.5°	0.0	0.6	1.5	6.6	17.7	34.0	54.3	80.1	117.2	151.1	185.1
-10°	0.0	0.6	1.6	6.8	18.1	34.5	54.9	81.1	117.6	151.5	185.4
-12.5°	0.0	0.6	1.7	7.1	18.5	34.9	55.3	81.7	117.5	151.2	184.5
-15°	0.0	0.7	1.9	7.2	18.7	35.0	55.4	81.8	116.6	149.9	182.8
-17.5°	0.0	0.7	2.0	7.4	18.8	35.0	55.3	81.6	115.1	148.1	180.3
-20°	0.0	0.7	2.1	7.5	18.7	34.8	55.1	81.3	113.3	145.9	177.1

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CATALOG NUMBER: GFLD-SA1E-740-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	0.7	2.2	7.5	18.6	34.4	55.1	80.5	111.0	143.2	173.3
-25°	0.0	0.7	2.3	7.5	18.3	34.3	54.9	79.4	108.5	140.2	168.8
-27.5°	0.0	0.8	2.3	7.5	17.9	34.2	54.4	78.0	105.6	136.6	164.6
-30°	0.0	0.8	2.4	7.4	17.4	33.8	53.6	76.3	103.1	132.7	160.2
-32.5°	0.0	0.8	2.4	7.2	17.2	33.2	52.5	74.9	100.7	128.5	155.3
-35°	0.0	0.8	2.4	7.0	16.8	32.4	51.5	73.3	97.9	124.2	150.2
-37.5°	0.0	0.8	2.5	6.7	16.3	31.5	50.3	71.4	94.8	119.8	144.2
-40°	0.0	0.8	2.4	6.4	15.6	30.8	48.8	69.2	91.4	115.7	137.8
-42.5°	0.0	0.7	2.4	6.1	15.2	29.8	47.1	66.7	88.2	110.4	131.0
-45°	0.0	0.7	2.4	5.9	14.9	28.7	45.1	64.1	84.9	104.7	123.9
-47.5°	0.0	0.7	2.3	5.6	14.4	27.3	42.8	61.4	81.3	98.8	117.4
-50°	0.0	0.7	2.3	5.5	13.8	25.8	40.8	58.3	76.5	93.4	110.6
-52.5°	0.0	0.7	2.2	5.4	13.1	24.0	38.7	55.0	71.7	87.8	103.7
-55°	0.0	0.6	2.1	5.2	12.2	22.6	36.3	51.4	66.8	81.9	97.2
-57.5°	0.0	0.6	1.9	5.0	11.1	21.1	33.7	48.2	61.7	76.0	90.5
-60°	0.0	0.6	1.8	4.7	10.0	19.3	30.9	44.4	56.4	69.9	83.6
-62.5°	0.0	0.5	1.7	4.4	9.3	17.4	28.2	40.1	51.2	63.6	76.5
-65°	0.0	0.5	1.6	4.0	8.5	15.3	25.2	35.7	45.6	56.9	69.1
-67.5°	0.0	0.5	1.4	3.6	7.6	13.3	22.0	31.1	39.7	49.8	60.9
-70°	0.0	0.4	1.3	3.1	6.6	11.7	18.5	26.5	34.2	42.4	52.1
-72.5°	0.0	0.4	1.2	2.7	5.5	9.9	15.7	21.7	28.4	35.6	43.2
-75°	0.0	0.3	1.0	2.3	4.4	8.0	12.9	17.7	22.5	28.7	35.2
-77.5°	0.0	0.3	0.8	2.0	3.6	6.0	10.0	13.9	17.9	22.1	27.1
-80°	0.0	0.2	0.7	1.6	2.9	4.6	6.9	10.0	13.3	16.8	20.4
-82.5°	0.0	0.2	0.5	1.2	2.2	3.5	5.1	6.7	8.7	11.3	14.1
-85°	0.0	0.1	0.3	0.8	1.5	2.3	3.4	4.5	5.7	7.1	8.6
-87.5°	0.0	0.1	0.2	0.4	0.7	1.2	1.7	2.3	2.9	3.6	4.3
-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: P626812 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA1E-740-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°	0.2	0.2	0.3	0.3	0.3	0.3	0.3	0.4	0.4	0.4	0.4
85°	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5
82.5°	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5
80°	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5
77.5°	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5
75°	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5
72.5°	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5
70°	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.4
67.5°	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.4	0.3
65°	0.5	0.5	0.7	0.7	0.5	0.5	0.5	0.5	0.5	0.5	0.5
62.5°	0.7	0.9	1.1	1.8	1.3	0.5	1.0	1.2	0.8	0.6	0.7
60°	2.2	1.5	3.9	5.4	3.5	1.9	2.3	4.6	3.8	1.0	2.7
57.5°	4.5	5.5	9.8	10.3	8.0	5.4	11.8	13.1	10.8	6.8	9.8
55°	9.3	13.1	16.6	16.4	16.6	20.8	24.4	24.0	21.2	29.2	36.7
52.5°	17.7	21.6	24.0	26.1	32.1	36.0	37.1	39.4	47.7	57.6	59.4
50°	26.0	30.0	33.1	40.8	46.9	50.0	52.9	60.5	73.1	79.9	80.9
47.5°	34.4	38.9	46.9	55.4	61.2	66.0	71.0	88.2	102.2	108.0	110.1
45°	43.1	51.0	60.9	69.6	76.4	82.8	99.2	122.7	132.6	141.5	164.1
42.5°	52.2	64.0	75.2	84.3	92.0	105.4	128.1	151.0	165.1	184.0	211.3
40°	63.8	77.0	90.0	99.3	108.8	129.1	157.3	181.4	196.4	221.7	252.8
37.5°	75.5	91.0	105.0	114.8	128.3	155.7	188.8	217.7	236.2	256.9	306.9
35°	87.1	105.3	119.7	132.8	149.4	187.2	228.0	260.2	283.1	318.4	381.7
32.5°	99.5	119.8	134.6	152.4	179.8	221.9	272.1	307.8	345.7	396.6	498.0
30°	112.8	133.4	150.4	171.8	208.5	257.7	315.9	360.8	412.3	494.9	604.2
27.5°	125.9	147.0	167.9	195.1	235.5	288.6	349.4	420.2	486.7	579.1	698.5
25°	138.6	160.8	185.0	218.0	261.6	317.2	383.5	465.2	552.0	657.7	797.9
22.5°	150.7	174.9	203.2	238.6	283.6	344.4	423.5	519.4	623.7	733.2	894.3
20°	162.5	190.5	223.1	262.7	303.9	369.4	462.5	578.7	709.4	859.4	1017.3
17.5°	174.2	206.0	243.6	287.6	337.5	404.6	502.6	640.9	799.9	995.1	1189.6
15°	185.6	221.2	263.4	312.2	371.4	451.6	562.9	714.9	907.1	1140.8	1371.2
12.5°	196.7	235.9	282.5	336.3	404.4	495.9	619.8	783.8	1004.0	1283.2	1566.2
10°	207.4	250.1	300.5	359.5	435.9	537.1	670.0	843.3	1077.1	1364.8	1679.6
7.5°	212.8	259.6	316.0	381.6	465.6	574.9	713.8	893.7	1134.2	1430.5	1746.1
5°	216.7	264.0	321.7	390.4	482.0	600.7	747.2	934.8	1176.3	1479.8	1791.1
2.5°	219.6	267.1	325.9	395.3	488.5	609.2	758.3	949.2	1198.8	1505.6	1817.3
0°	221.7	269.0	328.5	398.2	491.8	613.4	763.4	955.1	1208.4	1511.5	1826.8
-2.5°	223.9	271.6	331.2	402.6	496.5	619.0	769.0	959.3	1215.6	1513.2	1832.0
-5°	225.1	273.0	332.3	404.8	498.0	620.1	768.6	955.3	1209.8	1501.3	1820.8
-7.5°	225.5	273.2	331.7	404.4	496.1	615.3	760.5	943.4	1190.1	1477.2	1793.3
-10°	224.9	272.0	329.5	400.7	490.5	605.3	746.0	922.7	1157.7	1437.6	1746.8
-12.5°	223.3	269.5	325.6	394.7	481.5	591.1	725.5	893.3	1112.7	1382.4	1681.3
-15°	220.7	265.7	320.0	386.4	469.1	572.8	699.2	855.1	1054.7	1312.3	1599.8
-17.5°	217.0	260.7	312.6	375.8	453.2	550.6	667.4	810.3	992.2	1234.0	1509.1
-20°	212.4	254.4	303.4	363.0	434.9	527.2	637.9	770.7	933.7	1144.4	1402.2

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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°	206.8	247.0	293.7	350.7	418.7	502.9	604.9	725.7	868.1	1040.9	1285.4
-25°	201.0	239.8	284.3	337.0	400.2	475.4	567.1	677.2	806.2	964.3	1166.4
-27.5°	195.3	231.6	273.4	321.2	379.4	447.0	531.6	632.0	746.9	881.4	1046.0
-30°	188.9	222.4	261.4	304.7	359.6	422.3	495.4	581.4	683.6	805.1	948.2
-32.5°	181.9	212.5	249.7	290.4	338.3	395.3	458.6	536.4	625.3	725.6	849.2
-35°	174.9	204.1	237.7	275.0	315.4	368.8	427.0	491.5	567.1	655.9	754.8
-37.5°	168.1	195.0	224.9	259.7	297.6	342.0	393.3	451.6	516.6	587.3	672.7
-40°	160.6	185.1	213.4	244.9	278.4	316.9	363.2	412.6	468.6	530.8	596.8
-42.5°	152.5	176.0	201.9	229.0	259.7	294.1	332.5	377.7	424.3	476.3	533.9
-45°	144.5	166.1	189.8	214.5	240.4	270.7	305.6	343.2	384.5	427.0	475.4
-47.5°	136.1	155.8	177.8	199.4	222.3	248.2	277.8	311.9	346.4	384.2	421.7
-50°	127.7	146.2	164.7	184.8	205.3	226.9	251.9	281.3	312.7	344.1	377.1
-52.5°	120.1	136.1	152.8	170.1	188.8	208.0	228.8	253.1	280.5	308.2	336.6
-55°	112.4	127.2	141.0	156.5	172.7	189.9	208.5	228.9	249.6	274.8	299.2
-57.5°	104.9	118.0	130.0	143.2	157.6	172.3	189.0	206.3	225.1	244.1	264.2
-60°	97.3	108.5	119.4	130.8	142.9	155.9	169.4	184.6	200.7	217.2	234.6
-62.5°	89.5	98.5	108.2	118.6	129.3	139.3	150.6	163.1	176.3	190.5	205.2
-65°	80.8	88.3	96.3	105.4	115.4	123.5	132.1	141.5	152.5	164.2	175.7
-67.5°	71.5	78.1	84.6	91.4	99.5	106.8	113.9	121.3	129.5	139.1	148.4
-70°	61.1	67.7	73.5	79.1	84.2	89.4	95.4	101.3	107.9	116.5	124.9
-72.5°	50.6	56.8	62.2	66.9	70.6	73.7	77.4	81.7	88.0	96.0	103.4
-75°	40.9	45.9	51.0	55.6	57.9	58.8	59.6	61.8	68.3	76.4	83.7
-77.5°	31.8	36.2	40.4	44.3	46.0	46.6	46.9	46.9	51.6	58.6	65.9
-80°	23.4	26.5	30.0	33.4	34.4	34.7	34.7	34.5	38.4	43.4	48.8
-82.5°	16.3	18.5	20.7	23.1	23.4	23.2	22.8	22.5	25.6	29.3	33.0
-85°	9.5	10.4	11.8	13.2	13.4	13.3	13.0	12.6	14.4	16.3	18.4
-87.5°	4.8	5.2	5.7	6.1	6.0	5.7	5.4	5.0	5.5	6.0	6.5
-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: P626812 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA1E-740-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°	0.4	0.3	0.2	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0
85°	0.5	0.4	0.3	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0
82.5°	0.5	0.4	0.3	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0
80°	0.5	0.4	0.3	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0
77.5°	0.5	0.4	0.3	0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0
75°	0.5	0.4	0.3	0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0
72.5°	0.5	0.4	0.3	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0
70°	0.3	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
67.5°	0.2	0.3	0.3	0.2	0.1	0.0	0.0	0.0	0.0	0.0	0.0
65°	0.5	0.5	0.4	0.2	0.1	0.1	0.1	0.1	0.0	0.0	0.0
62.5°	0.6	0.6	0.4	0.4	0.5	0.5	0.4	0.4	0.3	0.4	0.4
60°	2.9	1.6	1.7	2.1	1.8	0.8	1.6	2.1	1.9	1.5	1.3
57.5°	14.6	12.2	8.5	14.3	14.7	10.3	11.1	14.5	14.1	10.9	10.9
55°	36.8	37.3	40.0	43.7	46.4	47.6	48.7	54.2	60.0	65.7	68.6
52.5°	60.7	67.9	76.7	82.6	86.6	95.0	106.8	112.1	117.4	123.3	127.6
50°	89.5	101.9	110.7	112.0	125.9	135.0	137.1	147.2	158.2	165.1	170.0
47.5°	133.1	148.7	156.4	161.4	178.4	197.0	197.0	202.8	230.4	244.8	251.7
45°	191.7	204.7	218.4	254.0	286.7	297.0	319.2	349.2	368.8	395.7	425.2
42.5°	241.6	266.1	300.4	339.5	372.2	399.5	432.5	468.6	512.0	552.8	588.0
40°	291.1	321.3	363.8	406.3	447.5	485.3	538.4	584.9	636.1	692.2	739.0
37.5°	355.5	394.3	438.1	491.8	555.9	597.9	671.0	737.7	795.4	863.2	904.9
35°	454.5	505.0	543.8	652.3	730.4	779.4	865.9	975.7	1017.8	1103.1	1143.7
32.5°	579.0	646.1	748.3	891.9	996.2	1086.5	1215.8	1327.1	1422.0	1507.7	1596.9
30°	718.8	822.4	973.0	1163.9	1269.8	1396.3	1571.2	1703.1	1851.9	2015.3	2072.5
27.5°	845.7	1000.9	1175.7	1330.4	1482.5	1640.0	1811.8	1981.4	2142.4	2278.3	2369.6
25°	963.4	1151.3	1321.2	1486.4	1651.3	1828.6	2023.0	2215.3	2392.6	2532.4	2638.7
22.5°	1084.7	1283.2	1465.0	1632.6	1824.4	2025.4	2232.1	2452.7	2654.4	2799.5	2915.3
20°	1198.8	1419.6	1626.9	1817.8	1999.0	2231.1	2469.1	2703.1	2922.7	3095.5	3229.1
17.5°	1379.9	1571.5	1824.9	2072.9	2277.1	2490.2	2808.3	3049.8	3293.5	3500.5	3642.1
15°	1602.3	1813.0	2074.7	2415.2	2695.0	2939.2	3267.7	3660.6	3948.1	4212.4	4393.7
12.5°	1824.8	2063.1	2346.2	2729.5	3127.7	3415.4	3814.0	4311.8	4646.7	5055.9	5257.5
10°	1995.3	2294.7	2586.2	2935.9	3318.4	3728.1	4157.8	4623.5	5071.0	5422.3	5736.3
7.5°	2064.0	2382.8	2720.3	3077.1	3459.6	3882.4	4340.4	4825.0	5285.5	5677.9	6023.0
5°	2115.3	2442.0	2781.7	3146.6	3555.4	3997.0	4461.8	4970.6	5440.8	5861.4	6214.4
2.5°	2148.0	2477.7	2816.0	3186.9	3616.9	4071.6	4551.3	5073.6	5550.9	5983.8	6335.8
0°	2160.5	2485.5	2831.8	3213.8	3639.5	4095.2	4595.6	5124.0	5605.2	6023.7	6385.8
-2.5°	2162.2	2478.2	2832.9	3212.9	3620.2	4080.2	4586.7	5110.7	5582.1	5998.9	6364.3
-5°	2145.2	2461.1	2816.1	3190.4	3598.3	4054.8	4539.5	5045.9	5495.5	5901.2	6252.9
-7.5°	2110.8	2425.9	2772.9	3138.7	3535.6	3978.4	4444.0	4914.7	5355.8	5744.9	6080.6
-10°	2059.7	2368.2	2703.2	3059.6	3435.2	3856.3	4300.3	4750.1	5163.6	5523.5	5833.9
-12.5°	1990.6	2292.0	2611.9	2952.1	3301.7	3703.3	4122.4	4544.8	4921.7	5250.3	5528.8
-15°	1900.8	2195.1	2505.0	2826.7	3165.7	3528.8	3905.0	4292.5	4640.1	4931.4	5185.9
-17.5°	1795.1	2080.5	2374.7	2673.0	2994.6	3335.3	3684.5	4032.3	4328.9	4587.7	4820.3
-20°	1677.2	1952.2	2231.7	2509.7	2801.5	3116.6	3439.1	3744.6	4003.7	4238.9	4451.8

Classified

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

Scaled Data Report



REPORT NUMBER: P626812 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA1E-740-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°	1545.0	1808.2	2076.1	2336.3	2599.4	2884.7	3172.8	3449.0	3691.4	3892.6	4077.6
-25°	1403.4	1646.7	1899.6	2143.6	2385.8	2641.4	2903.1	3157.3	3370.6	3545.3	3698.2
-27.5°	1260.8	1483.1	1706.0	1935.7	2159.5	2395.4	2632.3	2851.9	3043.4	3204.2	3332.6
-30°	1110.9	1309.6	1513.2	1721.0	1934.8	2150.7	2364.6	2556.9	2724.1	2865.6	2976.6
-32.5°	986.4	1137.3	1317.0	1505.7	1706.1	1902.8	2088.9	2264.1	2421.6	2545.1	2639.3
-35°	867.0	994.8	1129.3	1296.4	1468.5	1649.6	1820.8	1977.2	2117.6	2225.5	2314.1
-37.5°	764.3	865.4	979.2	1098.4	1242.8	1392.4	1547.0	1694.1	1819.3	1913.4	1992.5
-40°	675.5	755.3	846.2	940.7	1046.9	1154.4	1289.0	1413.1	1515.4	1603.4	1675.0
-42.5°	595.1	662.5	729.7	807.2	887.3	973.7	1068.2	1160.0	1238.4	1312.1	1373.0
-45°	525.8	579.6	633.2	693.0	751.8	822.1	889.6	949.8	1013.3	1068.5	1111.9
-47.5°	465.2	507.2	553.1	597.9	645.1	698.0	748.2	794.0	840.6	880.9	913.3
-50°	411.3	446.1	483.6	518.8	557.0	595.7	632.9	669.3	704.6	735.3	759.2
-52.5°	364.2	394.6	423.7	451.8	482.2	510.8	537.7	567.7	595.4	619.6	635.9
-55°	324.0	348.8	372.7	396.2	419.1	440.8	462.3	485.6	507.0	526.2	538.3
-57.5°	286.3	307.4	327.6	346.8	365.0	382.3	400.3	418.3	434.7	449.2	458.6
-60°	252.0	269.2	286.7	302.3	317.1	330.9	346.1	360.4	373.7	384.8	391.4
-62.5°	220.5	236.0	249.0	261.3	273.8	286.2	297.0	307.6	317.9	326.5	332.2
-65°	187.7	200.8	211.8	221.7	230.7	240.3	249.5	257.8	265.2	270.8	274.4
-67.5°	158.3	167.9	176.8	184.6	192.7	200.4	207.4	213.7	219.3	223.2	225.8
-70°	132.7	140.1	147.3	154.5	161.6	167.6	172.8	177.5	181.8	183.6	184.4
-72.5°	110.3	116.8	123.2	129.5	135.4	140.1	143.9	147.4	150.5	147.9	143.2
-75°	90.0	95.7	101.6	107.2	112.4	116.0	118.8	121.4	123.8	118.0	110.0
-77.5°	73.3	78.4	82.7	87.1	91.4	93.7	95.5	97.3	98.9	92.4	84.2
-80°	54.4	58.5	62.2	65.8	69.4	70.8	71.6	72.1	72.5	66.9	60.5
-82.5°	36.8	38.9	40.9	43.0	45.2	46.4	47.2	47.9	48.4	44.4	40.0
-85°	20.6	21.2	21.7	22.1	22.5	23.2	23.9	24.5	25.1	23.2	21.2
-87.5°	7.0	7.0	7.0	7.0	6.9	6.9	6.9	6.9	6.9	6.6	6.3
-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: P626812 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA1E-740-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°	0.4	0.5	0.5	0.5	0.5	0.5	0.4	0.4	0.4	0.3	0.4
60°	1.0	0.6	0.5	0.5	0.5	0.6	1.0	1.3	1.5	1.9	2.1
57.5°	10.1	8.8	7.9	7.1	7.9	8.8	10.1	10.9	10.9	14.1	14.5
55°	67.4	62.8	57.1	50.4	57.1	62.8	67.4	68.6	65.7	60.0	54.2
52.5°	132.1	136.5	139.1	138.8	139.1	136.5	132.1	127.6	123.3	117.4	112.1
50°	173.9	176.3	176.4	174.4	176.4	176.3	173.9	170.0	165.1	158.2	147.2
47.5°	254.8	251.4	245.7	239.5	245.7	251.4	254.8	251.7	244.8	230.4	202.8
45°	444.7	455.4	454.7	440.9	454.7	455.4	444.7	425.2	395.7	368.8	349.2
42.5°	607.7	623.7	635.1	640.8	635.1	623.7	607.7	588.0	552.8	512.0	468.6
40°	765.4	780.9	787.7	787.3	787.7	780.9	765.4	739.0	692.2	636.1	584.9
37.5°	932.0	952.1	961.8	957.2	961.8	952.1	932.0	904.9	863.2	795.4	737.7
35°	1161.2	1180.0	1180.3	1170.8	1180.3	1180.0	1161.2	1143.7	1103.1	1017.8	975.7
32.5°	1667.8	1674.1	1625.8	1608.7	1625.8	1674.1	1667.8	1596.9	1507.7	1422.0	1327.1
30°	2129.5	2174.0	2215.4	2236.3	2215.4	2174.0	2129.5	2072.5	2015.3	1851.9	1703.1
27.5°	2438.3	2491.8	2525.0	2527.2	2525.0	2491.8	2438.3	2369.6	2278.3	2142.4	1981.4
25°	2719.3	2779.2	2815.4	2827.8	2815.4	2779.2	2719.3	2638.7	2532.4	2392.6	2215.3
22.5°	3013.6	3084.2	3130.9	3140.5	3130.9	3084.2	3013.6	2915.3	2799.5	2654.4	2452.7
20°	3355.1	3437.3	3482.1	3480.3	3482.1	3437.3	3355.1	3229.1	3095.5	2922.7	2703.1
17.5°	3804.7	3892.8	3931.6	3914.6	3931.6	3892.8	3804.7	3642.1	3500.5	3293.5	3049.8
15°	4579.7	4764.0	4763.3	4689.7	4763.3	4764.0	4579.7	4393.7	4212.4	3948.1	3660.6
12.5°	5535.6	5673.0	5813.9	5844.2	5813.9	5673.0	5535.6	5257.5	5055.9	4646.7	4311.8
10°	6000.7	6183.2	6303.6	6300.4	6303.6	6183.2	6000.7	5736.3	5422.3	5071.0	4623.5
7.5°	6291.8	6493.3	6639.2	6636.1	6639.2	6493.3	6291.8	6023.0	5677.9	5285.5	4825.0
5°	6516.4	6739.9	6869.1	6878.7	6869.1	6739.9	6516.4	6214.4	5861.4	5440.8	4970.6
2.5°	6633.0	6866.3	7021.7	7001.2	7021.7	6866.3	6633.0	6335.8	5983.8	5550.9	5073.6
0°	6681.8	6912.7	7057.7	7120.2	7057.7	6912.7	6681.8	6385.8	6023.7	5605.2	5124.0
-2.5°	6660.5	6885.2	7045.4	7051.6	7045.4	6885.2	6660.5	6364.3	5998.9	5582.1	5110.7
-5°	6546.4	6783.5	6890.8	6947.8	6890.8	6783.5	6546.4	6252.9	5901.2	5495.5	5045.9
-7.5°	6362.4	6540.0	6676.4	6739.3	6676.4	6540.0	6362.4	6080.6	5744.9	5355.8	4914.7
-10°	6075.9	6259.8	6375.1	6427.0	6375.1	6259.8	6075.9	5833.9	5523.5	5163.6	4750.1
-12.5°	5758.6	5925.8	6035.3	6079.2	6035.3	5925.8	5758.6	5528.8	5250.3	4921.7	4544.8
-15°	5404.6	5556.4	5657.2	5699.2	5657.2	5556.4	5404.6	5185.9	4931.4	4640.1	4292.5
-17.5°	5014.9	5147.9	5248.3	5278.6	5248.3	5147.9	5014.9	4820.3	4587.7	4328.9	4032.3
-20°	4614.2	4734.4	4817.1	4835.2	4817.1	4734.4	4614.2	4451.8	4238.9	4003.7	3744.6



REPORT NUMBER: P626812 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA1E-740-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°	4210.4	4309.5	4376.7	4399.3	4376.7	4309.5	4210.4	4077.6	3892.6	3691.4	3449.0
-25°	3815.8	3901.3	3955.4	3975.6	3955.4	3901.3	3815.8	3698.2	3545.3	3370.6	3157.3
-27.5°	3436.3	3516.0	3565.7	3572.3	3565.7	3516.0	3436.3	3332.6	3204.2	3043.4	2851.9
-30°	3062.9	3128.7	3167.0	3183.3	3167.0	3128.7	3062.9	2976.6	2865.6	2724.1	2556.9
-32.5°	2713.9	2771.4	2805.9	2815.0	2805.9	2771.4	2713.9	2639.3	2545.1	2421.6	2264.1
-35°	2384.5	2437.6	2468.1	2465.6	2468.1	2437.6	2384.5	2314.1	2225.5	2117.6	1977.2
-37.5°	2058.0	2107.0	2134.6	2132.0	2134.6	2107.0	2058.0	1992.5	1913.4	1819.3	1694.1
-40°	1734.0	1776.2	1800.6	1806.5	1800.6	1776.2	1734.0	1675.0	1603.4	1515.4	1413.1
-42.5°	1423.6	1462.6	1482.1	1474.4	1482.1	1462.6	1423.6	1373.0	1312.1	1238.4	1160.0
-45°	1142.3	1162.4	1175.7	1184.0	1175.7	1162.4	1142.3	1111.9	1068.5	1013.3	949.8
-47.5°	936.9	953.7	962.7	964.3	962.7	953.7	936.9	913.3	880.9	840.6	794.0
-50°	777.8	792.0	798.3	796.4	798.3	792.0	777.8	759.2	735.3	704.6	669.3
-52.5°	647.7	655.9	661.5	664.2	661.5	655.9	647.7	635.9	619.6	595.4	567.7
-55°	547.5	553.9	557.6	558.9	557.6	553.9	547.5	538.3	526.2	507.0	485.6
-57.5°	466.5	472.6	474.8	474.0	474.8	472.6	466.5	458.6	449.2	434.7	418.3
-60°	396.4	399.9	402.5	403.8	402.5	399.9	396.4	391.4	384.8	373.7	360.4
-62.5°	336.7	340.0	342.7	344.3	342.7	340.0	336.7	332.2	326.5	317.9	307.6
-65°	276.9	278.4	278.8	278.2	278.8	278.4	276.9	274.4	270.8	265.2	257.8
-67.5°	227.7	228.9	229.8	229.9	229.8	228.9	227.7	225.8	223.2	219.3	213.7
-70°	185.1	185.7	185.1	183.6	185.1	185.7	185.1	184.4	183.6	181.8	177.5
-72.5°	138.3	133.3	128.2	122.6	128.2	133.3	138.3	143.2	147.9	150.5	147.4
-75°	101.7	93.1	90.0	87.0	90.0	93.1	101.7	110.0	118.0	123.8	121.4
-77.5°	75.6	66.7	64.3	62.0	64.3	66.7	75.6	84.2	92.4	98.9	97.3
-80°	53.7	46.8	45.2	43.7	45.2	46.8	53.7	60.5	66.9	72.5	72.1
-82.5°	35.3	30.4	29.5	28.5	29.5	30.4	35.3	40.0	44.4	48.4	47.9
-85°	19.0	16.7	16.3	15.8	16.3	16.7	19.0	21.2	23.2	25.1	24.5
-87.5°	5.9	5.6	5.6	5.6	5.6	5.6	5.9	6.3	6.6	6.9	6.9
-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: P626812 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA1E-740-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	0.2	0.3	0.4	0.4	0.4	0.4	0.4
85°	0.0	0.0	0.0	0.1	0.3	0.4	0.5	0.5	0.5	0.5	0.5
82.5°	0.0	0.0	0.0	0.1	0.3	0.4	0.5	0.5	0.5	0.5	0.5
80°	0.0	0.0	0.0	0.1	0.3	0.4	0.5	0.5	0.5	0.5	0.5
77.5°	0.0	0.0	0.0	0.2	0.3	0.4	0.5	0.5	0.5	0.5	0.5
75°	0.0	0.0	0.0	0.2	0.3	0.4	0.5	0.5	0.5	0.5	0.5
72.5°	0.0	0.0	0.0	0.1	0.3	0.4	0.5	0.5	0.5	0.5	0.5
70°	0.0	0.0	0.0	0.0	0.0	0.1	0.3	0.4	0.5	0.5	0.5
67.5°	0.0	0.0	0.1	0.2	0.3	0.3	0.2	0.3	0.4	0.5	0.5
65°	0.1	0.1	0.1	0.2	0.4	0.5	0.5	0.5	0.5	0.5	0.5
62.5°	0.4	0.5	0.5	0.4	0.4	0.6	0.6	0.7	0.6	0.8	1.2
60°	1.6	0.8	1.8	2.1	1.7	1.6	2.9	2.7	1.0	3.8	4.6
57.5°	11.1	10.3	14.7	14.3	8.5	12.2	14.6	9.8	6.8	10.8	13.1
55°	48.7	47.6	46.4	43.7	40.0	37.3	36.8	36.7	29.2	21.2	24.0
52.5°	106.8	95.0	86.6	82.6	76.7	67.9	60.7	59.4	57.6	47.7	39.4
50°	137.1	135.0	125.9	112.0	110.7	101.9	89.5	80.9	79.9	73.1	60.5
47.5°	197.0	197.0	178.4	161.4	156.4	148.7	133.1	110.1	108.0	102.2	88.2
45°	319.2	297.0	286.7	254.0	218.4	204.7	191.7	164.1	141.5	132.6	122.7
42.5°	432.5	399.5	372.2	339.5	300.4	266.1	241.6	211.3	184.0	165.1	151.0
40°	538.4	485.3	447.5	406.3	363.8	321.3	291.1	252.8	221.7	196.4	181.4
37.5°	671.0	597.9	555.9	491.8	438.1	394.3	355.5	306.9	256.9	236.2	217.7
35°	865.9	779.4	730.4	652.3	543.8	505.0	454.5	381.7	318.4	283.1	260.2
32.5°	1215.8	1086.5	996.2	891.9	748.3	646.1	579.0	498.0	396.6	345.7	307.8
30°	1571.2	1396.3	1269.8	1163.9	973.0	822.4	718.8	604.2	494.9	412.3	360.8
27.5°	1811.8	1640.0	1482.5	1330.4	1175.7	1000.9	845.7	698.5	579.1	486.7	420.2
25°	2023.0	1828.6	1651.3	1486.4	1321.2	1151.3	963.4	797.9	657.7	552.0	465.2
22.5°	2232.1	2025.4	1824.4	1632.6	1465.0	1283.2	1084.7	894.3	733.2	623.7	519.4
20°	2469.1	2231.1	1999.0	1817.8	1626.9	1419.6	1198.8	1017.3	859.4	709.4	578.7
17.5°	2808.3	2490.2	2277.1	2072.9	1824.9	1571.5	1379.9	1189.6	995.1	799.9	640.9
15°	3267.7	2939.2	2695.0	2415.2	2074.7	1813.0	1602.3	1371.2	1140.8	907.1	714.9
12.5°	3814.0	3415.4	3127.7	2729.5	2346.2	2063.1	1824.8	1566.2	1283.2	1004.0	783.8
10°	4157.8	3728.1	3318.4	2935.9	2586.2	2294.7	1995.3	1679.6	1364.8	1077.1	843.3
7.5°	4340.4	3882.4	3459.6	3077.1	2720.3	2382.8	2064.0	1746.1	1430.5	1134.2	893.7
5°	4461.8	3997.0	3555.4	3146.6	2781.7	2442.0	2115.3	1791.1	1479.8	1176.3	934.8
2.5°	4551.3	4071.6	3616.9	3186.9	2816.0	2477.7	2148.0	1817.3	1505.6	1198.8	949.2
0°	4595.6	4095.2	3639.5	3213.8	2831.8	2485.5	2160.5	1826.8	1511.5	1208.4	955.1
-2.5°	4586.7	4080.2	3620.2	3212.9	2832.9	2478.2	2162.2	1832.0	1513.2	1215.6	959.3
-5°	4539.5	4054.8	3598.3	3190.4	2816.1	2461.1	2145.2	1820.8	1501.3	1209.8	955.3
-7.5°	4444.0	3978.4	3535.6	3138.7	2772.9	2425.9	2110.8	1793.3	1477.2	1190.1	943.4
-10°	4300.3	3856.3	3435.2	3059.6	2703.2	2368.2	2059.7	1746.8	1437.6	1157.7	922.7
-12.5°	4122.4	3703.3	3301.7	2952.1	2611.9	2292.0	1990.6	1681.3	1382.4	1112.7	893.3
-15°	3905.0	3528.8	3165.7	2826.7	2505.0	2195.1	1900.8	1599.8	1312.3	1054.7	855.1
-17.5°	3684.5	3335.3	2994.6	2673.0	2374.7	2080.5	1795.1	1509.1	1234.0	992.2	810.3
-20°	3439.1	3116.6	2801.5	2509.7	2231.7	1952.2	1677.2	1402.2	1144.4	933.7	770.7



REPORT NUMBER: P626812 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA1E-740-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°	3172.8	2884.7	2599.4	2336.3	2076.1	1808.2	1545.0	1285.4	1040.9	868.1	725.7
-25°	2903.1	2641.4	2385.8	2143.6	1899.6	1646.7	1403.4	1166.4	964.3	806.2	677.2
-27.5°	2632.3	2395.4	2159.5	1935.7	1706.0	1483.1	1260.8	1046.0	881.4	746.9	632.0
-30°	2364.6	2150.7	1934.8	1721.0	1513.2	1309.6	1110.9	948.2	805.1	683.6	581.4
-32.5°	2088.9	1902.8	1706.1	1505.7	1317.0	1137.3	986.4	849.2	725.6	625.3	536.4
-35°	1820.8	1649.6	1468.5	1296.4	1129.3	994.8	867.0	754.8	655.9	567.1	491.5
-37.5°	1547.0	1392.4	1242.8	1098.4	979.2	865.4	764.3	672.7	587.3	516.6	451.6
-40°	1289.0	1154.4	1046.9	940.7	846.2	755.3	675.5	596.8	530.8	468.6	412.6
-42.5°	1068.2	973.7	887.3	807.2	729.7	662.5	595.1	533.9	476.3	424.3	377.7
-45°	889.6	822.1	751.8	693.0	633.2	579.6	525.8	475.4	427.0	384.5	343.2
-47.5°	748.2	698.0	645.1	597.9	553.1	507.2	465.2	421.7	384.2	346.4	311.9
-50°	632.9	595.7	557.0	518.8	483.6	446.1	411.3	377.1	344.1	312.7	281.3
-52.5°	537.7	510.8	482.2	451.8	423.7	394.6	364.2	336.6	308.2	280.5	253.1
-55°	462.3	440.8	419.1	396.2	372.7	348.8	324.0	299.2	274.8	249.6	228.9
-57.5°	400.3	382.3	365.0	346.8	327.6	307.4	286.3	264.2	244.1	225.1	206.3
-60°	346.1	330.9	317.1	302.3	286.7	269.2	252.0	234.6	217.2	200.7	184.6
-62.5°	297.0	286.2	273.8	261.3	249.0	236.0	220.5	205.2	190.5	176.3	163.1
-65°	249.5	240.3	230.7	221.7	211.8	200.8	187.7	175.7	164.2	152.5	141.5
-67.5°	207.4	200.4	192.7	184.6	176.8	167.9	158.3	148.4	139.1	129.5	121.3
-70°	172.8	167.6	161.6	154.5	147.3	140.1	132.7	124.9	116.5	107.9	101.3
-72.5°	143.9	140.1	135.4	129.5	123.2	116.8	110.3	103.4	96.0	88.0	81.7
-75°	118.8	116.0	112.4	107.2	101.6	95.7	90.0	83.7	76.4	68.3	61.8
-77.5°	95.5	93.7	91.4	87.1	82.7	78.4	73.3	65.9	58.6	51.6	46.9
-80°	71.6	70.8	69.4	65.8	62.2	58.5	54.4	48.8	43.4	38.4	34.5
-82.5°	47.2	46.4	45.2	43.0	40.9	38.9	36.8	33.0	29.3	25.6	22.5
-85°	23.9	23.2	22.5	22.1	21.7	21.2	20.6	18.4	16.3	14.4	12.6
-87.5°	6.9	6.9	6.9	7.0	7.0	7.0	7.0	6.5	6.0	5.5	5.0
-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: P626812 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA1E-740-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°	0.3	0.3	0.3	0.3	0.3	0.2	0.2	0.2	0.2	0.2	0.2
85°	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.4	0.4	0.3	0.3
82.5°	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.4
80°	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5
77.5°	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5
75°	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5
72.5°	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5
70°	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5
67.5°	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.6	0.6	0.5	0.5
65°	0.5	0.5	0.5	0.7	0.7	0.5	0.5	1.0	0.8	0.7	0.5
62.5°	1.0	0.5	1.3	1.8	1.1	0.9	0.7	2.1	1.3	1.0	0.7
60°	2.3	1.9	3.5	5.4	3.9	1.5	2.2	3.6	3.4	1.2	0.9
57.5°	11.8	5.4	8.0	10.3	9.8	5.5	4.5	6.2	5.7	3.3	1.3
55°	24.4	20.8	16.6	16.4	16.6	13.1	9.3	9.7	8.5	6.1	1.9
52.5°	37.1	36.0	32.1	26.1	24.0	21.6	17.7	13.7	12.7	9.1	4.8
50°	52.9	50.0	46.9	40.8	33.1	30.0	26.0	20.9	17.3	12.7	7.9
47.5°	71.0	66.0	61.2	55.4	46.9	38.9	34.4	28.4	22.4	17.4	11.1
45°	99.2	82.8	76.4	69.6	60.9	51.0	43.1	35.7	29.0	22.2	14.2
42.5°	128.1	105.4	92.0	84.3	75.2	64.0	52.2	43.9	35.5	26.9	18.0
40°	157.3	129.1	108.8	99.3	90.0	77.0	63.8	52.4	41.9	31.9	22.1
37.5°	188.8	155.7	128.3	114.8	105.0	91.0	75.5	61.1	48.4	37.2	26.2
35°	228.0	187.2	149.4	132.8	119.7	105.3	87.1	70.6	56.2	42.6	30.2
32.5°	272.1	221.9	179.8	152.4	134.6	119.8	99.5	81.3	64.2	47.9	34.1
30°	315.9	257.7	208.5	171.8	150.4	133.4	112.8	92.0	72.4	53.3	38.1
27.5°	349.4	288.6	235.5	195.1	167.9	147.0	125.9	102.8	80.7	59.2	42.5
25°	383.5	317.2	261.6	218.0	185.0	160.8	138.6	113.6	89.5	65.9	46.7
22.5°	423.5	344.4	283.6	238.6	203.2	174.9	150.7	124.6	98.5	72.6	50.9
20°	462.5	369.4	303.9	262.7	223.1	190.5	162.5	135.0	107.3	79.2	54.9
17.5°	502.6	404.6	337.5	287.6	243.6	206.0	174.2	144.9	115.8	85.7	58.8
15°	562.9	451.6	371.4	312.2	263.4	221.2	185.6	154.3	124.1	91.9	62.2
12.5°	619.8	495.9	404.4	336.3	282.5	235.9	196.7	163.0	131.9	97.0	65.1
10°	670.0	537.1	435.9	359.5	300.5	250.1	207.4	169.9	136.6	101.2	67.7
7.5°	713.8	574.9	465.6	381.6	316.0	259.6	212.8	173.4	140.1	104.8	69.9
5°	747.2	600.7	482.0	390.4	321.7	264.0	216.7	176.3	142.9	107.9	71.9
2.5°	758.3	609.2	488.5	395.3	325.9	267.1	219.6	178.5	145.0	110.4	73.5
0°	763.4	613.4	491.8	398.2	328.5	269.0	221.7	180.0	146.5	112.4	74.8
-2.5°	769.0	619.0	496.5	402.6	331.2	271.6	223.9	182.4	148.6	114.6	76.9
-5°	768.6	620.1	498.0	404.8	332.3	273.0	225.1	184.1	150.1	116.2	78.7
-7.5°	760.5	615.3	496.1	404.4	331.7	273.2	225.5	185.1	151.1	117.2	80.1
-10°	746.0	605.3	490.5	400.7	329.5	272.0	224.9	185.4	151.5	117.6	81.1
-12.5°	725.5	591.1	481.5	394.7	325.6	269.5	223.3	184.5	151.2	117.5	81.7
-15°	699.2	572.8	469.1	386.4	320.0	265.7	220.7	182.8	149.9	116.6	81.8
-17.5°	667.4	550.6	453.2	375.8	312.6	260.7	217.0	180.3	148.1	115.1	81.6
-20°	637.9	527.2	434.9	363.0	303.4	254.4	212.4	177.1	145.9	113.3	81.3

Classified

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

Scaled Data Report



REPORT NUMBER: P626812 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA1E-740-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°	604.9	502.9	418.7	350.7	293.7	247.0	206.8	173.3	143.2	111.0	80.5
-25°	567.1	475.4	400.2	337.0	284.3	239.8	201.0	168.8	140.2	108.5	79.4
-27.5°	531.6	447.0	379.4	321.2	273.4	231.6	195.3	164.6	136.6	105.6	78.0
-30°	495.4	422.3	359.6	304.7	261.4	222.4	188.9	160.2	132.7	103.1	76.3
-32.5°	458.6	395.3	338.3	290.4	249.7	212.5	181.9	155.3	128.5	100.7	74.9
-35°	427.0	368.8	315.4	275.0	237.7	204.1	174.9	150.2	124.2	97.9	73.3
-37.5°	393.3	342.0	297.6	259.7	224.9	195.0	168.1	144.2	119.8	94.8	71.4
-40°	363.2	316.9	278.4	244.9	213.4	185.1	160.6	137.8	115.7	91.4	69.2
-42.5°	332.5	294.1	259.7	229.0	201.9	176.0	152.5	131.0	110.4	88.2	66.7
-45°	305.6	270.7	240.4	214.5	189.8	166.1	144.5	123.9	104.7	84.9	64.1
-47.5°	277.8	248.2	222.3	199.4	177.8	155.8	136.1	117.4	98.8	81.3	61.4
-50°	251.9	226.9	205.3	184.8	164.7	146.2	127.7	110.6	93.4	76.5	58.3
-52.5°	228.8	208.0	188.8	170.1	152.8	136.1	120.1	103.7	87.8	71.7	55.0
-55°	208.5	189.9	172.7	156.5	141.0	127.2	112.4	97.2	81.9	66.8	51.4
-57.5°	189.0	172.3	157.6	143.2	130.0	118.0	104.9	90.5	76.0	61.7	48.2
-60°	169.4	155.9	142.9	130.8	119.4	108.5	97.3	83.6	69.9	56.4	44.4
-62.5°	150.6	139.3	129.3	118.6	108.2	98.5	89.5	76.5	63.6	51.2	40.1
-65°	132.1	123.5	115.4	105.4	96.3	88.3	80.8	69.1	56.9	45.6	35.7
-67.5°	113.9	106.8	99.5	91.4	84.6	78.1	71.5	60.9	49.8	39.7	31.1
-70°	95.4	89.4	84.2	79.1	73.5	67.7	61.1	52.1	42.4	34.2	26.5
-72.5°	77.4	73.7	70.6	66.9	62.2	56.8	50.6	43.2	35.6	28.4	21.7
-75°	59.6	58.8	57.9	55.6	51.0	45.9	40.9	35.2	28.7	22.5	17.7
-77.5°	46.9	46.6	46.0	44.3	40.4	36.2	31.8	27.1	22.1	17.9	13.9
-80°	34.7	34.7	34.4	33.4	30.0	26.5	23.4	20.4	16.8	13.3	10.0
-82.5°	22.8	23.2	23.4	23.1	20.7	18.5	16.3	14.1	11.3	8.7	6.7
-85°	13.0	13.3	13.4	13.2	11.8	10.4	9.5	8.6	7.1	5.7	4.5
-87.5°	5.4	5.7	6.0	6.1	5.7	5.2	4.8	4.3	3.6	2.9	2.3
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

Classified

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Scaled Data Report



REPORT NUMBER: P626812 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA1E-740-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	0.1	0.0	0.0	0.0
85°	0.3	0.2	0.2	0.1	0.1	0.0	0.0
82.5°	0.4	0.3	0.3	0.2	0.1	0.1	0.0
80°	0.5	0.4	0.3	0.3	0.2	0.1	0.0
77.5°	0.5	0.5	0.4	0.3	0.2	0.1	0.0
75°	0.5	0.5	0.5	0.4	0.3	0.1	0.0
72.5°	0.5	0.5	0.5	0.4	0.3	0.2	0.0
70°	0.5	0.5	0.5	0.5	0.3	0.2	0.0
67.5°	0.5	0.5	0.5	0.5	0.4	0.2	0.0
65°	0.6	0.6	0.5	0.5	0.4	0.2	0.0
62.5°	0.7	0.7	0.5	0.5	0.5	0.2	0.0
60°	0.8	0.8	0.5	0.5	0.5	0.2	0.0
57.5°	1.4	0.9	0.6	0.5	0.5	0.3	0.0
55°	2.1	1.1	0.8	0.5	0.5	0.3	0.0
52.5°	2.9	1.4	1.0	0.5	0.5	0.3	0.0
50°	3.9	2.3	1.1	0.5	0.5	0.3	0.0
47.5°	5.2	3.2	1.3	0.5	0.5	0.3	0.0
45°	7.9	4.2	1.5	0.7	0.6	0.4	0.0
42.5°	10.7	5.3	1.7	0.8	0.6	0.4	0.0
40°	13.4	6.4	2.2	1.0	0.6	0.4	0.0
37.5°	16.1	7.6	3.1	1.2	0.6	0.4	0.0
35°	18.8	9.4	4.0	1.4	0.6	0.4	0.0
32.5°	21.6	11.5	4.9	1.7	0.7	0.4	0.0
30°	24.8	13.6	5.8	2.0	0.7	0.4	0.0
27.5°	27.9	15.6	6.8	2.3	0.7	0.4	0.0
25°	30.8	17.5	7.8	2.6	0.7	0.5	0.0
22.5°	33.7	19.4	8.8	2.9	0.8	0.5	0.0
20°	36.4	21.2	9.8	3.2	0.8	0.5	0.0
17.5°	38.9	23.0	10.7	3.5	0.8	0.5	0.0
15°	41.2	24.6	11.6	3.8	0.8	0.5	0.0
12.5°	43.4	26.1	12.5	4.2	0.9	0.5	0.0
10°	45.3	27.4	13.3	4.5	0.9	0.5	0.0
7.5°	47.0	28.6	14.0	4.8	0.9	0.5	0.0
5°	48.5	29.7	14.7	5.1	1.0	0.5	0.0
2.5°	49.8	30.7	15.3	5.4	1.0	0.5	0.0
0°	50.9	31.5	15.8	5.6	1.0	0.5	0.0
-2.5°	52.3	32.5	16.5	6.0	1.2	0.5	0.0
-5°	53.4	33.3	17.1	6.3	1.3	0.6	0.0
-7.5°	54.3	34.0	17.7	6.6	1.5	0.6	0.0
-10°	54.9	34.5	18.1	6.8	1.6	0.6	0.0
-12.5°	55.3	34.9	18.5	7.1	1.7	0.6	0.0
-15°	55.4	35.0	18.7	7.2	1.9	0.7	0.0
-17.5°	55.3	35.0	18.8	7.4	2.0	0.7	0.0
-20°	55.1	34.8	18.7	7.5	2.1	0.7	0.0

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CATALOG NUMBER: GFLD-SA1E-740-U-WR-VSR-XX

CANDELA DISTRIBUTION (continued):

	75°	77.5°	80°	82.5°	85°	87.5°	90°
-22.5°	55.1	34.4	18.6	7.5	2.2	0.7	0.0
-25°	54.9	34.3	18.3	7.5	2.3	0.7	0.0
-27.5°	54.4	34.2	17.9	7.5	2.3	0.8	0.0
-30°	53.6	33.8	17.4	7.4	2.4	0.8	0.0
-32.5°	52.5	33.2	17.2	7.2	2.4	0.8	0.0
-35°	51.5	32.4	16.8	7.0	2.4	0.8	0.0
-37.5°	50.3	31.5	16.3	6.7	2.5	0.8	0.0
-40°	48.8	30.8	15.6	6.4	2.4	0.8	0.0
-42.5°	47.1	29.8	15.2	6.1	2.4	0.7	0.0
-45°	45.1	28.7	14.9	5.9	2.4	0.7	0.0
-47.5°	42.8	27.3	14.4	5.6	2.3	0.7	0.0
-50°	40.8	25.8	13.8	5.5	2.3	0.7	0.0
-52.5°	38.7	24.0	13.1	5.4	2.2	0.7	0.0
-55°	36.3	22.6	12.2	5.2	2.1	0.6	0.0
-57.5°	33.7	21.1	11.1	5.0	1.9	0.6	0.0
-60°	30.9	19.3	10.0	4.7	1.8	0.6	0.0
-62.5°	28.2	17.4	9.3	4.4	1.7	0.5	0.0
-65°	25.2	15.3	8.5	4.0	1.6	0.5	0.0
-67.5°	22.0	13.3	7.6	3.6	1.4	0.5	0.0
-70°	18.5	11.7	6.6	3.1	1.3	0.4	0.0
-72.5°	15.7	9.9	5.5	2.7	1.2	0.4	0.0
-75°	12.9	8.0	4.4	2.3	1.0	0.3	0.0
-77.5°	10.0	6.0	3.6	2.0	0.8	0.3	0.0
-80°	6.9	4.6	2.9	1.6	0.7	0.2	0.0
-82.5°	5.1	3.5	2.2	1.2	0.5	0.2	0.0
-85°	3.4	2.3	1.5	0.8	0.3	0.1	0.0
-87.5°	1.7	1.2	0.7	0.4	0.2	0.1	0.0
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0

(END OF REPORT)