

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: P626993 (CONVERTED FROM TYPE C PHOTOMETRY)

Luminaire Tested: **GFLD-SA2D-740-U-WR-XX**

Issue Date: 12/7/2022

Test Information

Test Method: LM-79-08
Report Number: P626993 (CONVERTED FROM TYPE C PHOTOMETRY)
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G2-2209-766-1)
Test Lab: COOPER LIGHTING SOLUTIONS
Issue Date: 12/7/2022
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: MCGRAW-EDISON
Catalog Number: GFLD-SA2D-740-U-WR-XX
Description: GALLEON FLOOD, TWO LIGHT SQAURE, WIDE SYMMETRICAL ROUND N54
Light Source: (32) 4000K CCT, 70 CRI LEDS
Ballast/Driver: -

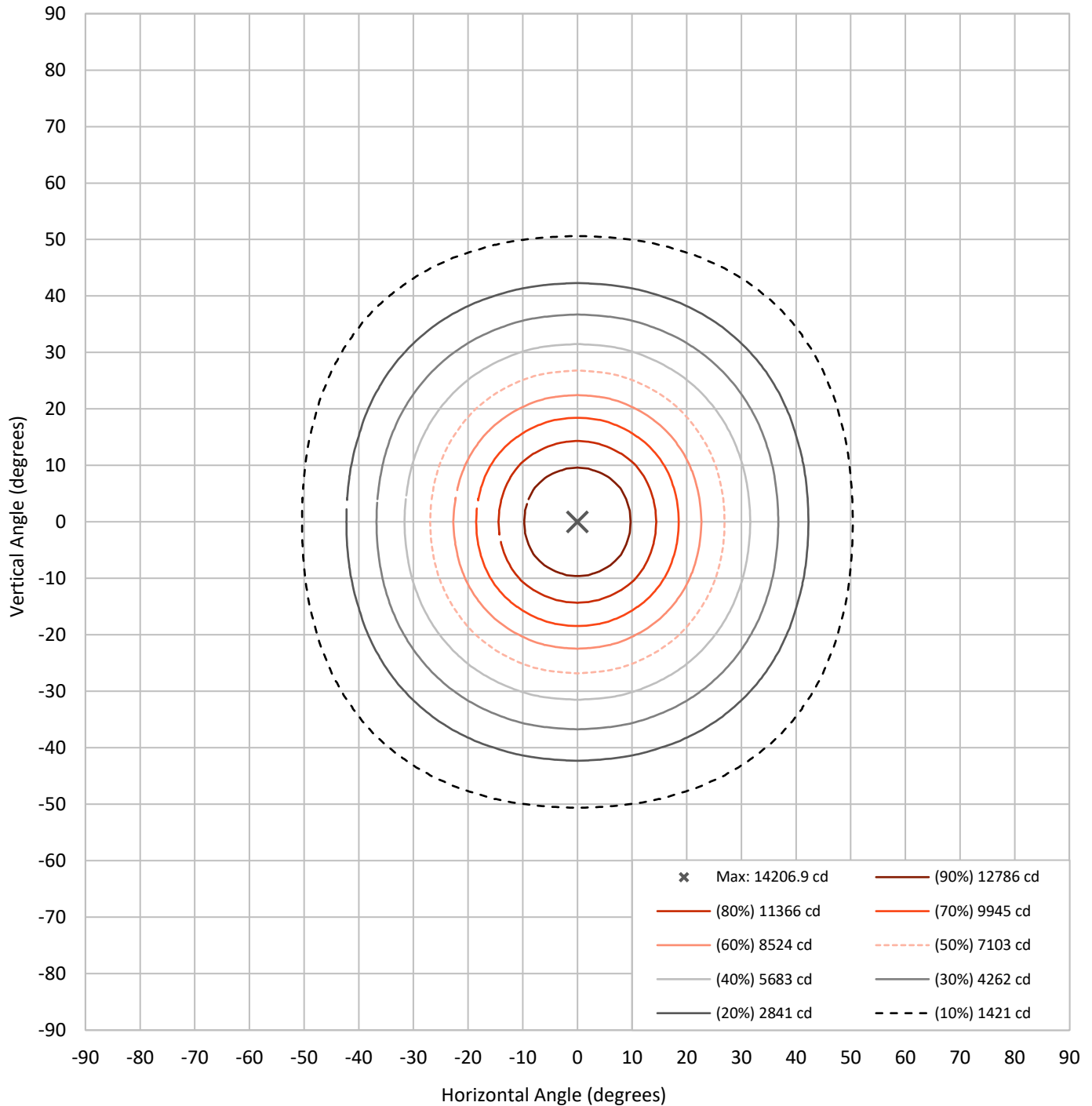
Summary

Lumens per Lamp:	N/A	NEMA Type:	6H x 6V
Luminaire Lumens:	14459.3 lumens	Max Intensity:	14206.9 candela
Efficiency:	N/A	Max Intensity Angle:	0°H x 0°V
Efficacy:	133.0 lumens/watt		
Luminous Opening:	Rectangular (W 1' x L: 0.5' x H: 0')		
Beam Angle (50%):	53.8°H x 53.6°V	Field Angle (10%):	100.8°H x 101.2°V
Beam Lumens:	6913.5 lumens	Field Lumens:	12760.8 lumens
Beam Efficiency:	47.8%	Field Efficiency:	88.3%
Input Watts (W):	108.7		
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





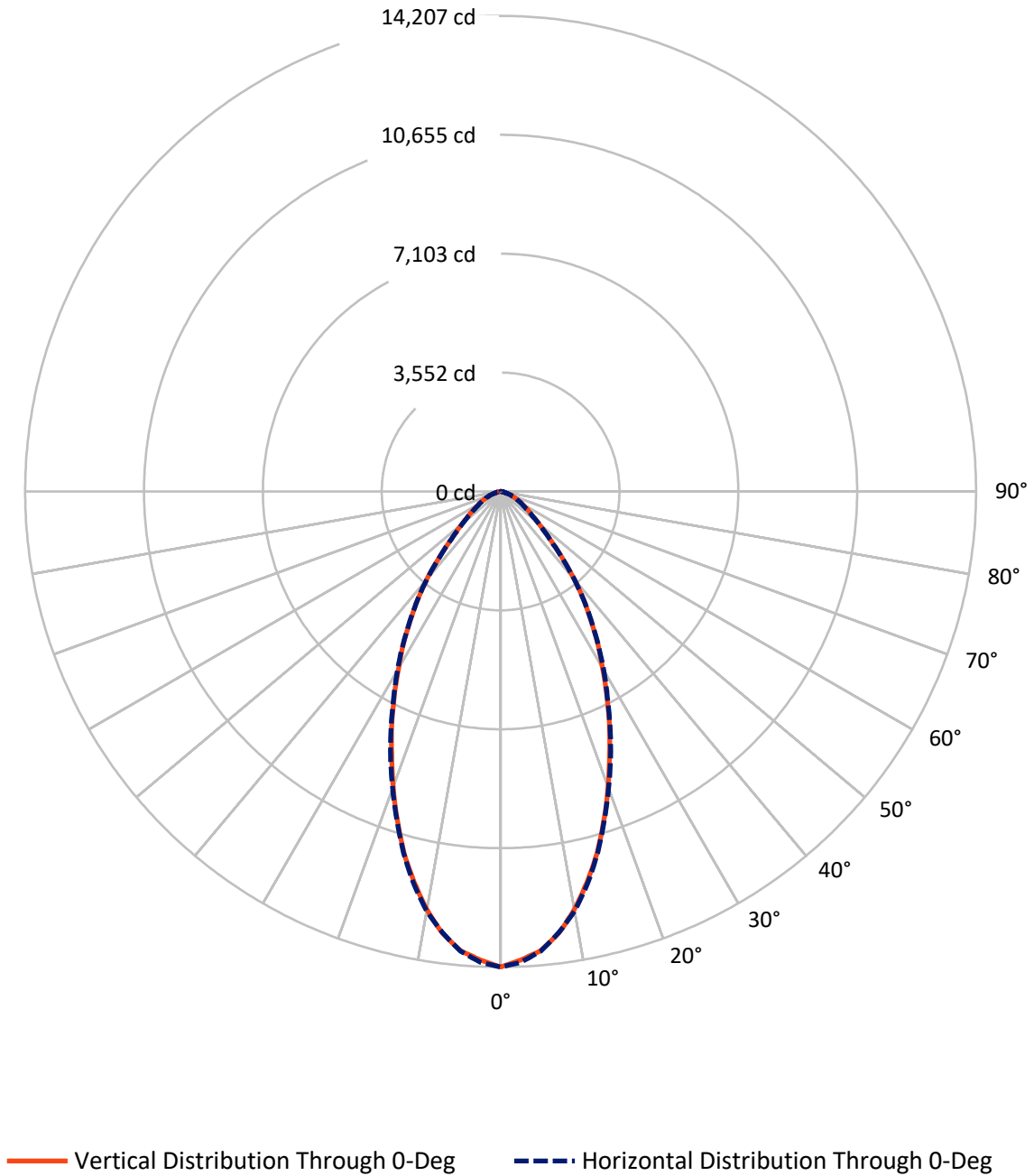
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Lumen Table

90															90				
80	0.6	4.0		9.1		15.1		13.0		15.1		9.1		4.0		0.6			
70															70				
60	1.9	2.2	4.1	6.6	9.6	12.5	14.7	15.7	15.7	14.7	12.5	9.6	6.6	4.1	2.2	1.9			
50		3.1	6.3	10.9	16.6	22.9	28.6	31.8	31.8	28.6	22.9	16.6	10.9	6.3	3.1				
40	2.8	4.0	8.7	16.2	27.3	42.0	57.9	68.5	68.5	57.9	42.0	27.3	16.2	8.7	4.0	2.8			
30		4.8	11.4	23.5	45.8	81.4	118.2	140.2	140.2	118.2	81.4	45.8	23.5	11.4	4.8				
20	3.3	5.7	14.1	33.0	74.1	133.2	190.6	227.8	227.8	190.6	133.2	74.1	33.0	14.1	5.7	3.3			
10		6.3	16.6	42.7	101.1	179.8	265.5	326.6	326.6	265.5	179.8	101.1	42.7	16.6	6.3				
0	3.4	6.6	18.0	49.1	116.4	209.1	318.1	400.1	400.1	318.1	209.1	116.4	49.1	18.0	6.6	3.4			
-10		6.6	18.0	49.1	116.4	209.1	318.1	400.1	400.1	318.1	209.1	116.4	49.1	18.0	6.6				
-20	3.3	6.3	16.6	42.7	101.1	179.8	265.5	326.6	326.6	265.5	179.8	101.1	42.7	16.6	6.3	3.3			
-30		5.7	14.1	33.0	74.1	133.2	190.6	227.8	227.8	190.6	133.2	74.1	33.0	14.1	5.7				
-40	2.8	4.8	11.4	23.5	45.8	81.4	118.2	140.2	140.2	118.2	81.4	45.8	23.5	11.4	4.8	2.8			
-50		4.0	8.7	16.2	27.3	42.0	57.9	68.5	68.5	57.9	42.0	27.3	16.2	8.7	4.0				
-60	1.9	3.1	6.3	10.9	16.6	22.9	28.6	31.8	31.8	28.6	22.9	16.6	10.9	6.3	3.1	1.9			
-70		2.2	4.1	6.6	9.6	12.5	14.7	15.7	15.7	14.7	12.5	9.6	6.6	4.1	2.2				
-80															-80				
-90	0.6	4.0		9.1		15.1		13.0		15.1		9.1		4.0		0.6			
	-90	-80	-70	-60	-50	-40	-30	-20	-10	0	10	20	30	40	50	60	70	80	90

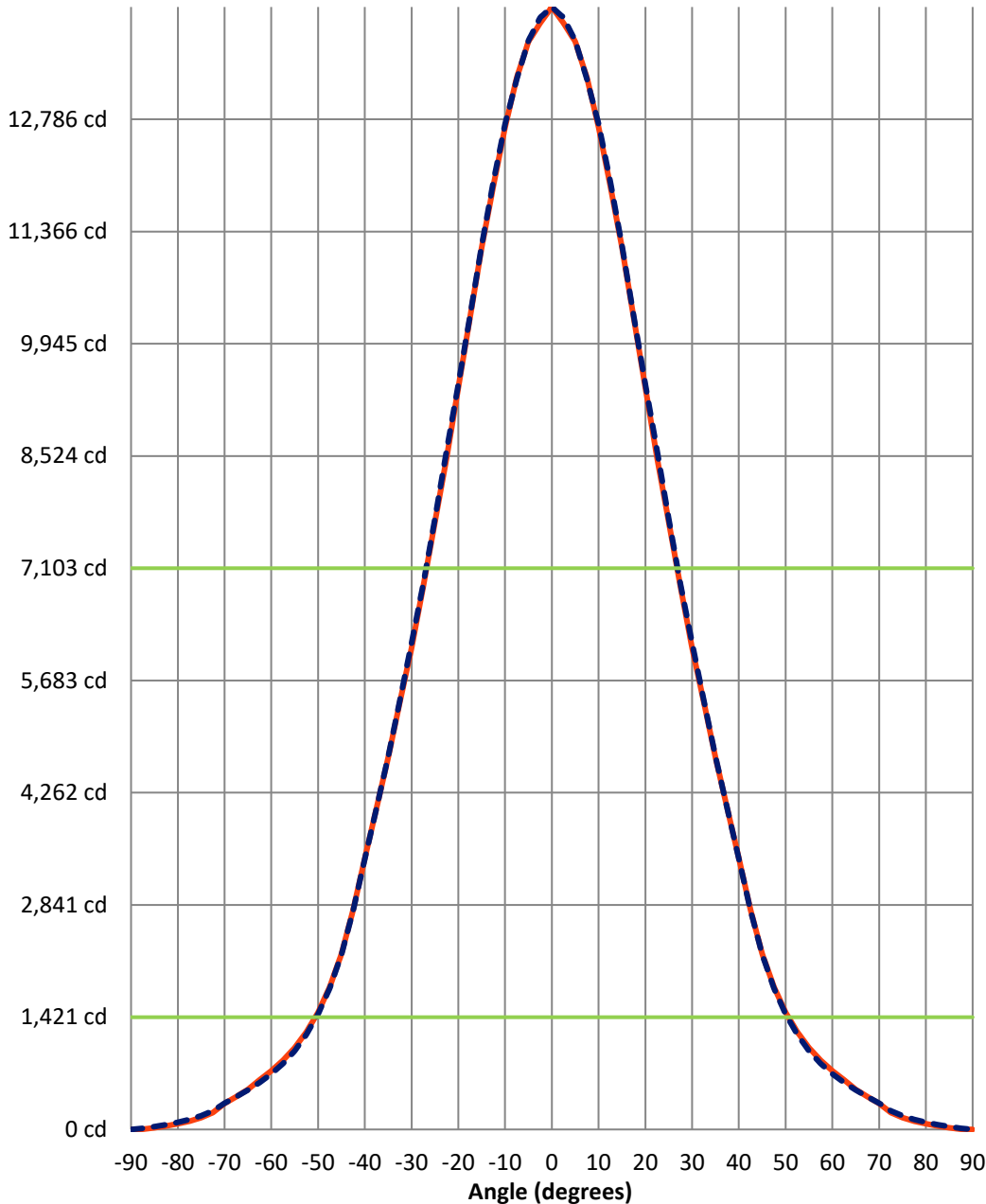
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Luminous Intensity Polar Plot



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Luminous Intensity Plot



Beam:
H Angle: 53.8°
V Angle: 53.6°
Lumens: 6913.5
Efficiency: 47.8%

Field:
H Angle: 100.8°
V Angle: 101.2°
Lumens: 12760.8
Efficiency: 88.3%

Spill:
Lumens: 1698.5
Efficiency: 11.7%

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

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FIELD
BEAM

CANDELA DISTRIBUTION:

	-90°	-87.5°	-85°	-82.5°	-80°	-77.5°	-75°	-72.5°	-70°	-67.5°	-65°
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
87.5°	0.0	0.7	1.7	2.7	3.9	5.3	6.8	7.5	8.1	8.6	8.9
85°	0.0	1.4	3.3	5.4	7.8	10.5	13.5	14.9	16.1	17.1	17.9
82.5°	0.0	2.2	5.0	8.1	11.7	15.7	20.1	22.4	24.7	28.7	32.1
80°	0.0	2.9	6.6	10.8	15.5	20.9	27.4	34.0	39.8	45.0	49.6
77.5°	0.0	3.6	8.2	13.4	19.3	27.1	39.1	47.7	54.9	61.3	67.7
75°	0.0	4.3	9.8	16.0	23.4	35.5	50.4	61.3	69.9	78.7	88.0
72.5°	0.0	5.0	11.3	18.5	29.0	43.6	61.5	74.7	85.0	96.2	108.1
70°	0.0	5.6	12.8	21.2	34.4	51.4	71.9	87.3	99.9	113.4	129.3
67.5°	0.0	6.3	14.3	24.5	39.6	58.8	81.0	99.6	114.4	131.2	150.2
65°	0.0	6.9	15.7	27.6	44.5	65.6	89.6	111.7	128.8	148.3	170.1
62.5°	0.0	7.5	17.1	30.6	49.1	71.8	97.7	123.2	142.6	164.8	188.5
60°	0.0	8.1	18.4	33.4	53.4	77.7	105.4	134.0	155.7	180.7	206.5
57.5°	0.0	8.7	20.0	36.1	57.4	83.1	112.2	143.7	169.0	196.1	223.0
55°	0.0	9.3	21.5	38.5	61.2	88.2	118.6	151.5	182.0	210.8	238.7
52.5°	0.0	9.8	23.0	40.7	64.6	92.8	124.4	160.0	194.5	224.9	254.2
50°	0.0	10.3	24.4	42.7	67.7	97.0	129.7	168.0	206.5	238.6	271.1
47.5°	0.0	10.8	25.8	44.5	70.5	100.8	134.6	175.2	218.4	251.9	287.7
45°	0.0	11.2	27.1	46.3	73.0	104.2	140.1	181.7	226.9	266.3	303.8
42.5°	0.0	11.6	28.3	47.9	75.1	107.1	145.0	188.1	234.7	280.2	320.5
40°	0.0	12.0	29.4	49.7	77.0	109.6	149.3	194.3	242.5	293.1	336.6
37.5°	0.0	12.4	30.4	51.5	78.7	111.6	153.0	200.0	250.9	303.3	351.9
35°	0.0	12.7	31.4	53.1	80.1	113.9	156.1	205.0	259.0	314.5	367.5
32.5°	0.0	13.0	32.3	54.6	81.1	116.0	158.9	209.3	266.8	325.9	383.5
30°	0.0	13.3	33.1	56.0	81.9	117.7	162.0	213.6	274.0	337.4	398.6
27.5°	0.0	13.5	33.8	57.2	83.6	118.9	164.6	218.9	281.7	349.0	412.7
25°	0.0	13.7	34.5	58.2	85.3	119.7	166.6	223.6	290.2	360.3	425.9
22.5°	0.0	13.9	35.0	59.1	86.8	120.6	168.0	227.8	298.3	370.6	440.3
20°	0.0	14.1	35.5	59.8	88.1	122.8	168.8	231.3	306.0	380.0	453.1
17.5°	0.0	14.2	35.9	60.4	89.1	124.6	170.7	234.1	313.0	388.2	464.5
15°	0.0	14.2	36.2	60.8	90.0	126.0	172.9	236.8	319.3	395.3	474.2
12.5°	0.0	14.3	36.4	61.1	90.6	127.0	174.6	239.3	324.7	401.2	482.3
10°	0.0	14.3	36.5	61.2	91.0	127.7	175.6	240.6	328.9	406.1	488.9
7.5°	0.0	14.3	36.5	61.2	91.2	127.9	176.0	240.9	331.8	409.9	494.0
5°	0.0	14.3	36.5	61.0	91.2	127.8	175.8	240.2	333.4	412.5	497.4
2.5°	0.0	14.2	36.3	60.7	90.9	127.3	175.0	238.6	333.6	413.8	499.1
0°	0.0	14.1	36.1	60.2	90.4	126.5	173.7	236.0	332.4	413.7	499.0
-2.5°	0.0	14.2	36.3	60.7	90.9	127.3	175.0	238.6	333.6	413.8	499.1
-5°	0.0	14.3	36.5	61.0	91.2	127.8	175.8	240.2	333.4	412.5	497.4
-7.5°	0.0	14.3	36.5	61.2	91.2	127.9	176.0	240.9	331.8	409.9	494.0
-10°	0.0	14.3	36.5	61.2	91.0	127.7	175.6	240.6	328.9	406.1	488.9
-12.5°	0.0	14.3	36.4	61.1	90.6	127.0	174.6	239.3	324.7	401.2	482.3
-15°	0.0	14.2	36.2	60.8	90.0	126.0	172.9	236.8	319.3	395.3	474.2
-17.5°	0.0	14.2	35.9	60.4	89.1	124.6	170.7	234.1	313.0	388.2	464.5
-20°	0.0	14.1	35.5	59.8	88.1	122.8	168.8	231.3	306.0	380.0	453.1

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CANDELA DISTRIBUTION (continued):

	-90°	-87.5°	-85°	-82.5°	-80°	-77.5°	-75°	-72.5°	-70°	-67.5°	-65°
-22.5°	0.0	13.9	35.0	59.1	86.8	120.6	168.0	227.8	298.3	370.6	440.3
-25°	0.0	13.7	34.5	58.2	85.3	119.7	166.6	223.6	290.2	360.3	425.9
-27.5°	0.0	13.5	33.8	57.2	83.6	118.9	164.6	218.9	281.7	349.0	412.7
-30°	0.0	13.3	33.1	56.0	81.9	117.7	162.0	213.6	274.0	337.4	398.6
-32.5°	0.0	13.0	32.3	54.6	81.1	116.0	158.9	209.3	266.8	325.9	383.5
-35°	0.0	12.7	31.4	53.1	80.1	113.9	156.1	205.0	259.0	314.5	367.5
-37.5°	0.0	12.4	30.4	51.5	78.7	111.6	153.0	200.0	250.9	303.3	351.9
-40°	0.0	12.0	29.4	49.7	77.0	109.6	149.3	194.3	242.5	293.1	336.6
-42.5°	0.0	11.6	28.3	47.9	75.1	107.1	145.0	188.1	234.7	280.2	320.5
-45°	0.0	11.2	27.1	46.3	73.0	104.2	140.1	181.7	226.9	266.3	303.8
-47.5°	0.0	10.8	25.8	44.5	70.5	100.8	134.6	175.2	218.4	251.9	287.7
-50°	0.0	10.3	24.4	42.7	67.7	97.0	129.7	168.0	206.5	238.6	271.1
-52.5°	0.0	9.8	23.0	40.7	64.6	92.8	124.4	160.0	194.5	224.9	254.2
-55°	0.0	9.3	21.5	38.5	61.2	88.2	118.6	151.5	182.0	210.8	238.7
-57.5°	0.0	8.7	20.0	36.1	57.4	83.1	112.2	143.7	169.0	196.1	223.0
-60°	0.0	8.1	18.4	33.4	53.4	77.7	105.4	134.0	155.7	180.7	206.5
-62.5°	0.0	7.5	17.1	30.6	49.1	71.8	97.7	123.2	142.6	164.8	188.5
-65°	0.0	6.9	15.7	27.6	44.5	65.6	89.6	111.7	128.8	148.3	170.1
-67.5°	0.0	6.3	14.3	24.5	39.6	58.8	81.0	99.6	114.4	131.2	150.2
-70°	0.0	5.6	12.8	21.2	34.4	51.4	71.9	87.3	99.9	113.4	129.3
-72.5°	0.0	5.0	11.3	18.5	29.0	43.6	61.5	74.7	85.0	96.2	108.1
-75°	0.0	4.3	9.8	16.0	23.4	35.5	50.4	61.3	69.9	78.7	88.0
-77.5°	0.0	3.6	8.2	13.4	19.3	27.1	39.1	47.7	54.9	61.3	67.7
-80°	0.0	2.9	6.6	10.8	15.5	20.9	27.4	34.0	39.8	45.0	49.6
-82.5°	0.0	2.2	5.0	8.1	11.7	15.7	20.1	22.4	24.7	28.7	32.1
-85°	0.0	1.4	3.3	5.4	7.8	10.5	13.5	14.9	16.1	17.1	17.9
-87.5°	0.0	0.7	1.7	2.7	3.9	5.3	6.8	7.5	8.1	8.6	8.9
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



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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°	9.1	9.1	8.9	8.7	8.3	7.8	7.1	6.4	6.6	6.9	7.1
85°	18.1	18.1	19.6	21.0	21.6	21.7	21.3	20.3	23.0	26.0	29.3
82.5°	35.4	38.4	41.3	44.0	44.3	43.6	42.2	40.7	46.0	52.6	59.4
80°	54.2	58.7	63.9	68.8	69.9	69.4	67.9	65.5	72.5	82.6	93.4
77.5°	75.2	82.4	89.1	95.2	97.0	96.7	95.6	93.6	102.6	116.5	130.9
75°	97.4	106.1	114.7	122.2	125.5	125.7	125.3	127.5	139.3	155.6	169.9
72.5°	120.5	131.5	141.2	149.6	154.8	158.7	164.0	170.5	182.4	198.4	212.4
70°	144.9	157.2	167.4	176.7	184.6	193.3	204.4	215.4	228.1	244.0	258.6
67.5°	169.0	181.5	193.0	204.4	218.9	232.8	246.6	261.0	276.9	293.7	308.4
65°	191.4	205.4	219.5	236.0	254.8	270.6	287.7	306.5	327.3	346.1	363.2
62.5°	212.8	228.7	246.1	266.0	286.5	306.2	329.1	353.2	377.5	401.1	424.5
60°	230.9	250.7	271.8	294.4	318.0	344.8	371.6	400.3	429.4	457.8	486.7
57.5°	248.3	272.8	297.2	323.4	352.8	383.4	415.7	447.9	482.7	517.1	549.9
55°	266.4	295.2	323.0	354.0	387.7	423.7	460.1	499.2	537.6	580.9	620.9
52.5°	285.7	317.0	349.7	385.2	424.5	465.2	507.9	552.7	600.5	648.6	697.4
50°	304.5	339.8	376.1	418.7	462.7	509.2	558.4	610.6	666.3	722.0	781.0
47.5°	324.2	361.9	406.3	452.5	502.9	555.8	611.5	673.6	735.5	805.6	873.4
45°	343.6	386.9	435.1	488.8	544.1	603.7	670.0	738.2	817.2	896.4	985.4
42.5°	362.2	412.2	466.6	523.9	586.9	655.4	728.8	814.6	903.6	1001.7	1106.1
40°	383.7	436.4	497.6	561.8	630.0	708.3	796.6	891.8	1000.4	1116.6	1235.2
37.5°	404.4	463.7	528.2	597.8	677.0	765.2	862.7	979.4	1104.7	1236.8	1398.2
35°	423.9	489.6	559.8	636.0	721.8	823.9	940.5	1069.5	1214.0	1384.3	1572.6
32.5°	444.6	514.2	589.5	675.1	772.2	883.7	1016.2	1168.0	1338.9	1532.9	1768.6
30°	465.4	539.4	619.1	711.7	819.7	948.7	1099.3	1267.1	1463.7	1707.0	1983.7
27.5°	484.7	563.1	650.3	750.4	865.9	1008.7	1179.1	1375.8	1607.5	1882.4	2205.6
25°	502.4	584.6	679.0	787.3	916.8	1073.5	1258.3	1476.1	1751.3	2079.1	2476.7
22.5°	519.3	604.2	705.0	820.5	962.7	1136.2	1344.1	1593.3	1897.6	2265.5	2742.4
20°	535.1	625.4	730.7	852.3	1003.7	1192.8	1423.0	1702.8	2049.1	2484.6	3002.8
17.5°	549.0	644.1	755.1	886.6	1049.5	1250.3	1497.5	1799.5	2184.0	2680.3	3243.2
15°	561.0	660.2	776.2	916.4	1090.6	1307.4	1575.6	1905.6	2324.6	2858.3	3454.2
12.5°	570.9	673.7	793.9	941.4	1125.2	1355.8	1642.4	2000.0	2461.6	3025.9	3639.5
10°	578.9	684.5	808.2	961.6	1153.1	1395.0	1697.4	2077.3	2575.6	3169.5	3796.3
7.5°	585.5	693.0	819.1	976.9	1174.2	1425.0	1740.2	2136.9	2664.7	3283.3	3916.5
5°	590.2	699.1	827.5	987.6	1189.7	1445.9	1770.1	2178.6	2728.1	3365.7	3998.8
2.5°	592.9	702.4	832.2	993.3	1199.2	1457.7	1785.8	2204.8	2762.9	3412.8	4048.5
0°	593.4	702.9	833.4	994.0	1201.9	1459.9	1788.3	2213.0	2770.3	3425.0	4066.6
-2.5°	592.9	702.4	832.2	993.3	1199.2	1457.7	1785.8	2204.8	2762.9	3412.8	4048.5
-5°	590.2	699.1	827.5	987.6	1189.7	1445.9	1770.1	2178.6	2728.1	3365.7	3998.8
-7.5°	585.5	693.0	819.1	976.9	1174.2	1425.0	1740.2	2136.9	2664.7	3283.3	3916.5
-10°	578.9	684.5	808.2	961.6	1153.1	1395.0	1697.4	2077.3	2575.6	3169.5	3796.3
-12.5°	570.9	673.7	793.9	941.4	1125.2	1355.8	1642.4	2000.0	2461.6	3025.9	3639.5
-15°	561.0	660.2	776.2	916.4	1090.6	1307.4	1575.6	1905.6	2324.6	2858.3	3454.2
-17.5°	549.0	644.1	755.1	886.6	1049.5	1250.3	1497.5	1799.5	2184.0	2680.3	3243.2
-20°	535.1	625.4	730.7	852.3	1003.7	1192.8	1423.0	1702.8	2049.1	2484.6	3002.8

Classified

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

Scaled Data Report



REPORT NUMBER: P626993 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA2D-740-U-WR-XX

CANDELA DISTRIBUTION (continued):

	-62.5°	-60°	-57.5°	-55°	-52.5°	-50°	-47.5°	-45°	-42.5°	-40°	-37.5°
-22.5°	519.3	604.2	705.0	820.5	962.7	1136.2	1344.1	1593.3	1897.6	2265.5	2742.4
-25°	502.4	584.6	679.0	787.3	916.8	1073.5	1258.3	1476.1	1751.3	2079.1	2476.7
-27.5°	484.7	563.1	650.3	750.4	865.9	1008.7	1179.1	1375.8	1607.5	1882.4	2205.6
-30°	465.4	539.4	619.1	711.7	819.7	948.7	1099.3	1267.1	1463.7	1707.0	1983.7
-32.5°	444.6	514.2	589.5	675.1	772.2	883.7	1016.2	1168.0	1338.9	1532.9	1768.6
-35°	423.9	489.6	559.8	636.0	721.8	823.9	940.5	1069.5	1214.0	1384.3	1572.6
-37.5°	404.4	463.7	528.2	597.8	677.0	765.2	862.7	979.4	1104.7	1236.8	1398.2
-40°	383.7	436.4	497.6	561.8	630.0	708.3	796.6	891.8	1000.4	1116.6	1235.2
-42.5°	362.2	412.2	466.6	523.9	586.9	655.4	728.8	814.6	903.6	1001.7	1106.1
-45°	343.6	386.9	435.1	488.8	544.1	603.7	670.0	738.2	817.2	896.4	985.4
-47.5°	324.2	361.9	406.3	452.5	502.9	555.8	611.5	673.6	735.5	805.6	873.4
-50°	304.5	339.8	376.1	418.7	462.7	509.2	558.4	610.6	666.3	722.0	781.0
-52.5°	285.7	317.0	349.7	385.2	424.5	465.2	507.9	552.7	600.5	648.6	697.4
-55°	266.4	295.2	323.0	354.0	387.7	423.7	460.1	499.2	537.6	580.9	620.9
-57.5°	248.3	272.8	297.2	323.4	352.8	383.4	415.7	447.9	482.7	517.1	549.9
-60°	230.9	250.7	271.8	294.4	318.0	344.8	371.6	400.3	429.4	457.8	486.7
-62.5°	212.8	228.7	246.1	266.0	286.5	306.2	329.1	353.2	377.5	401.1	424.5
-65°	191.4	205.4	219.5	236.0	254.8	270.6	287.7	306.5	327.3	346.1	363.2
-67.5°	169.0	181.5	193.0	204.4	218.9	232.8	246.6	261.0	276.9	293.7	308.4
-70°	144.9	157.2	167.4	176.7	184.6	193.3	204.4	215.4	228.1	244.0	258.6
-72.5°	120.5	131.5	141.2	149.6	154.8	158.7	164.0	170.5	182.4	198.4	212.4
-75°	97.4	106.1	114.7	122.2	125.5	125.7	125.3	127.5	139.3	155.6	169.9
-77.5°	75.2	82.4	89.1	95.2	97.0	96.7	95.6	93.6	102.6	116.5	130.9
-80°	54.2	58.7	63.9	68.8	69.9	69.4	67.9	65.5	72.5	82.6	93.4
-82.5°	35.4	38.4	41.3	44.0	44.3	43.6	42.2	40.7	46.0	52.6	59.4
-85°	18.1	18.1	19.6	21.0	21.6	21.7	21.3	20.3	23.0	26.0	29.3
-87.5°	9.1	9.1	8.9	8.7	8.3	7.8	7.1	6.4	6.6	6.9	7.1
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



REPORT NUMBER: P626993 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA2D-740-U-WR-XX

CANDELA DISTRIBUTION (continued):

	-35°	-32.5°	-30°	-27.5°	-25°	-22.5°	-20°	-17.5°	-15°	-12.5°	-10°
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
87.5°	7.4	7.2	6.9	6.7	6.3	6.2	6.1	6.0	5.8	5.4	4.9
85°	32.7	33.4	33.8	34.0	34.0	35.1	36.1	37.1	37.9	34.3	30.4
82.5°	66.4	69.5	72.3	75.0	77.7	79.5	80.9	81.9	82.6	74.8	66.0
80°	104.5	111.1	116.5	121.7	126.6	127.9	127.8	127.1	125.8	115.0	102.9
77.5°	145.4	153.9	160.7	167.5	174.1	176.6	177.7	178.7	179.3	166.0	149.7
75°	182.4	192.6	202.2	211.0	219.1	223.5	226.0	228.1	229.7	216.4	199.0
72.5°	224.7	235.5	245.8	255.6	264.2	269.9	273.7	276.8	279.2	271.6	260.7
70°	271.1	282.3	293.2	303.3	313.1	320.8	326.9	332.1	336.4	337.3	336.9
67.5°	322.7	335.9	348.8	359.9	371.6	382.4	392.0	399.9	406.3	410.5	412.8
65°	380.6	400.4	418.1	433.1	445.7	460.2	473.0	482.7	489.6	494.9	499.4
62.5°	448.8	472.9	493.1	513.1	533.7	553.7	566.2	578.8	591.1	602.7	612.6
60°	514.4	540.8	568.2	593.7	617.4	639.1	661.6	681.5	699.0	713.6	724.4
57.5°	584.4	616.6	647.7	680.1	710.6	739.1	766.8	792.5	814.6	833.3	848.5
55°	660.3	699.6	736.6	777.8	817.7	854.0	887.5	921.8	952.7	979.9	1001.5
52.5°	742.2	793.3	842.4	890.7	942.3	988.9	1030.7	1078.2	1120.4	1155.3	1182.4
50°	840.0	900.1	964.7	1024.6	1089.8	1154.0	1213.2	1270.5	1326.6	1375.1	1414.3
47.5°	951.3	1025.2	1105.3	1184.7	1265.6	1353.4	1431.7	1504.5	1582.9	1650.9	1705.5
45°	1075.1	1169.3	1266.0	1377.6	1480.4	1593.1	1697.4	1791.1	1902.3	2000.3	2079.2
42.5°	1212.3	1337.8	1465.1	1605.6	1741.9	1885.1	2037.1	2172.0	2319.4	2460.0	2573.6
40°	1382.4	1532.5	1703.0	1873.1	2068.7	2252.5	2474.0	2675.3	2858.0	3025.7	3163.1
37.5°	1571.5	1764.8	1978.9	2200.4	2468.1	2730.6	2989.8	3234.5	3450.6	3634.1	3788.0
35°	1786.2	2031.7	2291.1	2614.4	2928.1	3242.5	3535.3	3802.8	4037.8	4244.8	4420.8
32.5°	2033.1	2327.7	2690.8	3054.1	3412.0	3758.0	4079.5	4371.2	4629.0	4861.4	5063.8
30°	2292.7	2694.7	3102.2	3500.8	3891.6	4270.6	4623.5	4944.8	5236.0	5494.8	5728.0
27.5°	2622.5	3068.0	3512.4	3942.0	4372.0	4786.9	5169.2	5526.2	5860.4	6152.9	6419.4
25°	2941.5	3433.7	3906.1	4374.6	4842.6	5288.0	5715.6	6118.7	6501.5	6837.2	7134.7
22.5°	3260.5	3775.7	4280.5	4784.2	5287.0	5783.5	6263.5	6725.5	7153.6	7535.8	7870.7
20°	3555.9	4094.5	4634.4	5177.4	5722.4	6265.8	6805.0	7324.9	7801.8	8243.0	8630.7
17.5°	3820.8	4393.7	4966.0	5546.8	6137.5	6727.6	7326.6	7909.4	8454.5	8956.6	9406.4
15°	4055.4	4653.1	5267.8	5894.6	6528.9	7169.8	7823.3	8475.4	9089.1	9659.3	10161.4
12.5°	4260.5	4881.9	5526.2	6192.1	6880.6	7578.7	8292.0	9006.8	9686.1	10344.4	10886.6
10°	4429.8	5076.5	5749.9	6449.6	7175.6	7927.0	8692.3	9461.7	10210.1	10908.5	11528.5
7.5°	4560.4	5231.4	5925.3	6653.0	7414.8	8207.2	9017.7	9834.2	10633.0	11385.5	12071.5
5°	4652.7	5344.1	6046.8	6803.8	7592.0	8413.1	9255.6	10106.4	10941.5	11732.6	12443.6
2.5°	4706.1	5411.9	6117.5	6895.3	7697.4	8537.8	9403.1	10267.9	11125.0	11945.6	12676.2
0°	4720.2	5432.1	6158.1	6905.1	7730.5	8596.0	9430.4	10298.0	11188.6	11997.9	12725.8
-2.5°	4706.1	5411.9	6117.5	6895.3	7697.4	8537.8	9403.1	10267.9	11125.0	11945.6	12676.2
-5°	4652.7	5344.1	6046.8	6803.8	7592.0	8413.1	9255.6	10106.4	10941.5	11732.6	12443.6
-7.5°	4560.4	5231.4	5925.3	6653.0	7414.8	8207.2	9017.7	9834.2	10633.0	11385.5	12071.5
-10°	4429.8	5076.5	5749.9	6449.6	7175.6	7927.0	8692.3	9461.7	10210.1	10908.5	11528.5
-12.5°	4260.5	4881.9	5526.2	6192.1	6880.6	7578.7	8292.0	9006.8	9686.1	10344.4	10886.6
-15°	4055.4	4653.1	5267.8	5894.6	6528.9	7169.8	7823.3	8475.4	9089.1	9659.3	10161.4
-17.5°	3820.8	4393.7	4966.0	5546.8	6137.5	6727.6	7326.6	7909.4	8454.5	8956.6	9406.4
-20°	3555.9	4094.5	4634.4	5177.4	5722.4	6265.8	6805.0	7324.9	7801.8	8243.0	8630.7

Classified

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

Scaled Data Report



REPORT NUMBER: P626993 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA2D-740-U-WR-XX

CANDELA DISTRIBUTION (continued):

	-35°	-32.5°	-30°	-27.5°	-25°	-22.5°	-20°	-17.5°	-15°	-12.5°	-10°
-22.5°	3260.5	3775.7	4280.5	4784.2	5287.0	5783.5	6263.5	6725.5	7153.6	7535.8	7870.7
-25°	2941.5	3433.7	3906.1	4374.6	4842.6	5288.0	5715.6	6118.7	6501.5	6837.2	7134.7
-27.5°	2622.5	3068.0	3512.4	3942.0	4372.0	4786.9	5169.2	5526.2	5860.4	6152.9	6419.4
-30°	2292.7	2694.7	3102.2	3500.8	3891.6	4270.6	4623.5	4944.8	5236.0	5494.8	5728.0
-32.5°	2033.1	2327.7	2690.8	3054.1	3412.0	3758.0	4079.5	4371.2	4629.0	4861.4	5063.8
-35°	1786.2	2031.7	2291.1	2614.4	2928.1	3242.5	3535.3	3802.8	4037.8	4244.8	4420.8
-37.5°	1571.5	1764.8	1978.9	2200.4	2468.1	2730.6	2989.8	3234.5	3450.6	3634.1	3788.0
-40°	1382.4	1532.5	1703.0	1873.1	2068.7	2252.5	2474.0	2675.3	2858.0	3025.7	3163.1
-42.5°	1212.3	1337.8	1465.1	1605.6	1741.9	1885.1	2037.1	2172.0	2319.4	2460.0	2573.6
-45°	1075.1	1169.3	1266.0	1377.6	1480.4	1593.1	1697.4	1791.1	1902.3	2000.3	2079.2
-47.5°	951.3	1025.2	1105.3	1184.7	1265.6	1353.4	1431.7	1504.5	1582.9	1650.9	1705.5
-50°	840.0	900.1	964.7	1024.6	1089.8	1154.0	1213.2	1270.5	1326.6	1375.1	1414.3
-52.5°	742.2	793.3	842.4	890.7	942.3	988.9	1030.7	1078.2	1120.4	1155.3	1182.4
-55°	660.3	699.6	736.6	777.8	817.7	854.0	887.5	921.8	952.7	979.9	1001.5
-57.5°	584.4	616.6	647.7	680.1	710.6	739.1	766.8	792.5	814.6	833.3	848.5
-60°	514.4	540.8	568.2	593.7	617.4	639.1	661.6	681.5	699.0	713.6	724.4
-62.5°	448.8	472.9	493.1	513.1	533.7	553.7	566.2	578.8	591.1	602.7	612.6
-65°	380.6	400.4	418.1	433.1	445.7	460.2	473.0	482.7	489.6	494.9	499.4
-67.5°	322.7	335.9	348.8	359.9	371.6	382.4	392.0	399.9	406.3	410.5	412.8
-70°	271.1	282.3	293.2	303.3	313.1	320.8	326.9	332.1	336.4	337.3	336.9
-72.5°	224.7	235.5	245.8	255.6	264.2	269.9	273.7	276.8	279.2	271.6	260.7
-75°	182.4	192.6	202.2	211.0	219.1	223.5	226.0	228.1	229.7	216.4	199.0
-77.5°	145.4	153.9	160.7	167.5	174.1	176.6	177.7	178.7	179.3	166.0	149.7
-80°	104.5	111.1	116.5	121.7	126.6	127.9	127.8	127.1	125.8	115.0	102.9
-82.5°	66.4	69.5	72.3	75.0	77.7	79.5	80.9	81.9	82.6	74.8	66.0
-85°	32.7	33.4	33.8	34.0	34.0	35.1	36.1	37.1	37.9	34.3	30.4
-87.5°	7.4	7.2	6.9	6.7	6.3	6.2	6.1	6.0	5.8	5.4	4.9
-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: P626993 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA2D-740-U-WR-XX

CANDELA DISTRIBUTION (continued):

	-7.5°	-5°	-2.5°	0°	2.5°	5°	7.5°	10°	12.5°	15°	17.5°
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
87.5°	4.5	4.0	3.5	3.0	3.5	4.0	4.5	4.9	5.4	5.8	6.0
85°	26.3	22.0	21.6	21.1	21.6	22.0	26.3	30.4	34.3	37.9	37.1
82.5°	56.7	47.1	45.6	44.2	45.6	47.1	56.7	66.0	74.8	82.6	81.9
80°	90.3	77.3	74.7	72.3	74.7	77.3	90.3	102.9	115.0	125.8	127.1
77.5°	132.6	114.7	109.4	104.4	109.4	114.7	132.6	149.7	166.0	179.3	178.7
75°	180.8	162.0	155.6	149.6	155.6	162.0	180.8	199.0	216.4	229.7	228.1
72.5°	249.6	238.2	226.6	213.9	226.6	238.2	249.6	260.7	271.6	279.2	276.8
70°	336.6	335.8	332.8	328.3	332.8	335.8	336.6	336.9	337.3	336.4	332.1
67.5°	413.8	413.5	414.5	414.7	414.5	413.5	413.8	412.8	410.5	406.3	399.9
65°	502.1	503.1	505.2	506.1	505.2	503.1	502.1	499.4	494.9	489.6	482.7
62.5°	620.2	625.4	627.9	627.6	627.9	625.4	620.2	612.6	602.7	591.1	578.8
60°	732.5	737.8	741.2	742.0	741.2	737.8	732.5	724.4	713.6	699.0	681.5
57.5°	860.6	869.3	873.9	874.6	873.9	869.3	860.6	848.5	833.3	814.6	792.5
55°	1018.0	1029.6	1034.8	1034.2	1034.8	1029.6	1018.0	1001.5	979.9	952.7	921.8
52.5°	1203.0	1217.1	1227.6	1234.0	1227.6	1217.1	1203.0	1182.4	1155.3	1120.4	1078.2
50°	1443.7	1463.9	1476.8	1482.0	1476.8	1463.9	1443.7	1414.3	1375.1	1326.6	1270.5
47.5°	1745.0	1771.7	1791.6	1805.4	1791.6	1771.7	1745.0	1705.5	1650.9	1582.9	1504.5
45°	2137.4	2178.2	2205.9	2222.1	2205.9	2178.2	2137.4	2079.2	2000.3	1902.3	1791.1
42.5°	2662.3	2725.6	2764.4	2779.3	2764.4	2725.6	2662.3	2573.6	2460.0	2319.4	2172.0
40°	3271.5	3347.6	3397.5	3432.0	3397.5	3347.6	3271.5	3163.1	3025.7	2858.0	2675.3
37.5°	3906.1	3986.0	4034.6	4067.6	4034.6	3986.0	3906.1	3788.0	3634.1	3450.6	3234.5
35°	4553.4	4637.1	4682.7	4708.2	4682.7	4637.1	4553.4	4420.8	4244.8	4037.8	3802.8
32.5°	5218.0	5310.2	5359.8	5411.0	5359.8	5310.2	5218.0	5063.8	4861.4	4629.0	4371.2
30°	5912.2	6017.9	6069.8	6094.8	6069.8	6017.9	5912.2	5728.0	5494.8	5236.0	4944.8
27.5°	6634.5	6766.3	6831.3	6874.0	6831.3	6766.3	6634.5	6419.4	6152.9	5860.4	5526.2
25°	7386.1	7549.4	7623.8	7690.3	7623.8	7549.4	7386.1	7134.7	6837.2	6501.5	6118.7
22.5°	8165.8	8369.2	8455.4	8502.6	8455.4	8369.2	8165.8	7870.7	7535.8	7153.6	6725.5
20°	8966.0	9209.0	9328.7	9390.3	9328.7	9209.0	8966.0	8630.7	8243.0	7801.8	7324.9
17.5°	9784.1	10086.5	10241.3	10276.9	10241.3	10086.5	9784.1	9406.4	8956.6	8454.5	7909.4
15°	10587.3	10914.4	11097.4	11164.5	11097.4	10914.4	10587.3	10161.4	9659.3	9089.1	8475.4
12.5°	11348.0	11687.0	11905.7	11944.7	11905.7	11687.0	11348.0	10886.6	10344.4	9686.1	9006.8
10°	12037.9	12389.0	12630.6	12685.7	12630.6	12389.0	12037.9	11528.5	10908.5	10210.1	9461.7
7.5°	12614.6	12999.9	13266.8	13313.2	13266.8	12999.9	12614.6	12071.5	11385.5	10633.0	9834.2
5°	13036.6	13494.1	13713.1	13768.1	13713.1	13494.1	13036.6	12443.6	11732.6	10941.5	10106.4
2.5°	13268.1	13733.7	14038.2	14003.0	14038.2	13733.7	13268.1	12676.2	11945.6	11125.0	10267.9
0°	13294.2	13781.1	14072.3	14206.9	14072.3	13781.1	13294.2	12725.8	11997.9	11188.6	10298.0
-2.5°	13268.1	13733.7	14038.2	14003.0	14038.2	13733.7	13268.1	12676.2	11945.6	11125.0	10267.9
-5°	13036.6	13494.1	13713.1	13768.1	13713.1	13494.1	13036.6	12443.6	11732.6	10941.5	10106.4
-7.5°	12614.6	12999.9	13266.8	13313.2	13266.8	12999.9	12614.6	12071.5	11385.5	10633.0	9834.2
-10°	12037.9	12389.0	12630.6	12685.7	12630.6	12389.0	12037.9	11528.5	10908.5	10210.1	9461.7
-12.5°	11348.0	11687.0	11905.7	11944.7	11905.7	11687.0	11348.0	10886.6	10344.4	9686.1	9006.8
-15°	10587.3	10914.4	11097.4	11164.5	11097.4	10914.4	10587.3	10161.4	9659.3	9089.1	8475.4
-17.5°	9784.1	10086.5	10241.3	10276.9	10241.3	10086.5	9784.1	9406.4	8956.6	8454.5	7909.4
-20°	8966.0	9209.0	9328.7	9390.3	9328.7	9209.0	8966.0	8630.7	8243.0	7801.8	7324.9



REPORT NUMBER: P626993 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA2D-740-U-WR-XX

CANDELA DISTRIBUTION (continued):

	-7.5°	-5°	-2.5°	0°	2.5°	5°	7.5°	10°	12.5°	15°	17.5°
-22.5°	8165.8	8369.2	8455.4	8502.6	8455.4	8369.2	8165.8	7870.7	7535.8	7153.6	6725.5
-25°	7386.1	7549.4	7623.8	7690.3	7623.8	7549.4	7386.1	7134.7	6837.2	6501.5	6118.7
-27.5°	6634.5	6766.3	6831.3	6874.0	6831.3	6766.3	6634.5	6419.4	6152.9	5860.4	5526.2
-30°	5912.2	6017.9	6069.8	6094.8	6069.8	6017.9	5912.2	5728.0	5494.8	5236.0	4944.8
-32.5°	5218.0	5310.2	5359.8	5411.0	5359.8	5310.2	5218.0	5063.8	4861.4	4629.0	4371.2
-35°	4553.4	4637.1	4682.7	4708.2	4682.7	4637.1	4553.4	4420.8	4244.8	4037.8	3802.8
-37.5°	3906.1	3986.0	4034.6	4067.6	4034.6	3986.0	3906.1	3788.0	3634.1	3450.6	3234.5
-40°	3271.5	3347.6	3397.5	3432.0	3397.5	3347.6	3271.5	3163.1	3025.7	2858.0	2675.3
-42.5°	2662.3	2725.6	2764.4	2779.3	2764.4	2725.6	2662.3	2573.6	2460.0	2319.4	2172.0
-45°	2137.4	2178.2	2205.9	2222.1	2205.9	2178.2	2137.4	2079.2	2000.3	1902.3	1791.1
-47.5°	1745.0	1771.7	1791.6	1805.4	1791.6	1771.7	1745.0	1705.5	1650.9	1582.9	1504.5
-50°	1443.7	1463.9	1476.8	1482.0	1476.8	1463.9	1443.7	1414.3	1375.1	1326.6	1270.5
-52.5°	1203.0	1217.1	1227.6	1234.0	1227.6	1217.1	1203.0	1182.4	1155.3	1120.4	1078.2
-55°	1018.0	1029.6	1034.8	1034.2	1034.8	1029.6	1018.0	1001.5	979.9	952.7	921.8
-57.5°	860.6	869.3	873.9	874.6	873.9	869.3	860.6	848.5	833.3	814.6	792.5
-60°	732.5	737.8	741.2	742.0	741.2	737.8	732.5	724.4	713.6	699.0	681.5
-62.5°	620.2	625.4	627.9	627.6	627.9	625.4	620.2	612.6	602.7	591.1	578.8
-65°	502.1	503.1	505.2	506.1	505.2	503.1	502.1	499.4	494.9	489.6	482.7
-67.5°	413.8	413.5	414.5	414.7	414.5	413.5	413.8	412.8	410.5	406.3	399.9
-70°	336.6	335.8	332.8	328.3	332.8	335.8	336.6	336.9	337.3	336.4	332.1
-72.5°	249.6	238.2	226.6	213.9	226.6	238.2	249.6	260.7	271.6	279.2	276.8
-75°	180.8	162.0	155.6	149.6	155.6	162.0	180.8	199.0	216.4	229.7	228.1
-77.5°	132.6	114.7	109.4	104.4	109.4	114.7	132.6	149.7	166.0	179.3	178.7
-80°	90.3	77.3	74.7	72.3	74.7	77.3	90.3	102.9	115.0	125.8	127.1
-82.5°	56.7	47.1	45.6	44.2	45.6	47.1	56.7	66.0	74.8	82.6	81.9
-85°	26.3	22.0	21.6	21.1	21.6	22.0	26.3	30.4	34.3	37.9	37.1
-87.5°	4.5	4.0	3.5	3.0	3.5	4.0	4.5	4.9	5.4	5.8	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: P626993 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA2D-740-U-WR-XX

CANDELA DISTRIBUTION (continued):

	20°	22.5°	25°	27.5°	30°	32.5°	35°	37.5°	40°	42.5°	45°
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
87.5°	6.1	6.2	6.3	6.7	6.9	7.2	7.4	7.1	6.9	6.6	6.4
85°	36.1	35.1	34.0	34.0	33.8	33.4	32.7	29.3	26.0	23.0	20.3
82.5°	80.9	79.5	77.7	75.0	72.3	69.5	66.4	59.4	52.6	46.0	40.7
80°	127.8	127.9	126.6	121.7	116.5	111.1	104.5	93.4	82.6	72.5	65.5
77.5°	177.7	176.6	174.1	167.5	160.7	153.9	145.4	130.9	116.5	102.6	93.6
75°	226.0	223.5	219.1	211.0	202.2	192.6	182.4	169.9	155.6	139.3	127.5
72.5°	273.7	269.9	264.2	255.6	245.8	235.5	224.7	212.4	198.4	182.4	170.5
70°	326.9	320.8	313.1	303.3	293.2	282.3	271.1	258.6	244.0	228.1	215.4
67.5°	392.0	382.4	371.6	359.9	348.8	335.9	322.7	308.4	293.7	276.9	261.0
65°	473.0	460.2	445.7	433.1	418.1	400.4	380.6	363.2	346.1	327.3	306.5
62.5°	566.2	553.7	533.7	513.1	493.1	472.9	448.8	424.5	401.1	377.5	353.2
60°	661.6	639.1	617.4	593.7	568.2	540.8	514.4	486.7	457.8	429.4	400.3
57.5°	766.8	739.1	710.6	680.1	647.7	616.6	584.4	549.9	517.1	482.7	447.9
55°	887.5	854.0	817.7	777.8	736.6	699.6	660.3	620.9	580.9	537.6	499.2
52.5°	1030.7	988.9	942.3	890.7	842.4	793.3	742.2	697.4	648.6	600.5	552.7
50°	1213.2	1154.0	1089.8	1024.6	964.7	900.1	840.0	781.0	722.0	666.3	610.6
47.5°	1431.7	1353.4	1265.6	1184.7	1105.3	1025.2	951.3	873.4	805.6	735.5	673.6
45°	1697.4	1593.1	1480.4	1377.6	1266.0	1169.3	1075.1	985.4	896.4	817.2	738.2
42.5°	2037.1	1885.1	1741.9	1605.6	1465.1	1337.8	1212.3	1106.1	1001.7	903.6	814.6
40°	2474.0	2252.5	2068.7	1873.1	1703.0	1532.5	1382.4	1235.2	1116.6	1000.4	891.8
37.5°	2989.8	2730.6	2468.1	2200.4	1978.9	1764.8	1571.5	1398.2	1236.8	1104.7	979.4
35°	3535.3	3242.5	2928.1	2614.4	2291.1	2031.7	1786.2	1572.6	1384.3	1214.0	1069.5
32.5°	4079.5	3758.0	3412.0	3054.1	2690.8	2327.7	2033.1	1768.6	1532.9	1338.9	1168.0
30°	4623.5	4270.6	3891.6	3500.8	3102.2	2694.7	2292.7	1983.7	1707.0	1463.7	1267.1
27.5°	5169.2	4786.9	4372.0	3942.0	3512.4	3068.0	2622.5	2205.6	1882.4	1607.5	1375.8
25°	5715.6	5288.0	4842.6	4374.6	3906.1	3433.7	2941.5	2476.7	2079.1	1751.3	1476.1
22.5°	6263.5	5783.5	5287.0	4784.2	4280.5	3775.7	3260.5	2742.4	2265.5	1897.6	1593.3
20°	6805.0	6265.8	5722.4	5177.4	4634.4	4094.5	3555.9	3002.8	2484.6	2049.1	1702.8
17.5°	7326.6	6727.6	6137.5	5546.8	4966.0	4393.7	3820.8	3243.2	2680.3	2184.0	1799.5
15°	7823.3	7169.8	6528.9	5894.6	5267.8	4653.1	4055.4	3454.2	2858.3	2324.6	1905.6
12.5°	8292.0	7578.7	6880.6	6192.1	5526.2	4881.9	4260.5	3639.5	3025.9	2461.6	2000.0
10°	8692.3	7927.0	7175.6	6449.6	5749.9	5076.5	4429.8	3796.3	3169.5	2575.6	2077.3
7.5°	9017.7	8207.2	7414.8	6653.0	5925.3	5231.4	4560.4	3916.5	3283.3	2664.7	2136.9
5°	9255.6	8413.1	7592.0	6803.8	6046.8	5344.1	4652.7	3998.8	3365.7	2728.1	2178.6
2.5°	9403.1	8537.8	7697.4	6895.3	6117.5	5411.9	4706.1	4048.5	3412.8	2762.9	2204.8
0°	9430.4	8596.0	7730.5	6905.1	6158.1	5432.1	4720.2	4066.6	3425.0	2770.3	2213.0
-2.5°	9403.1	8537.8	7697.4	6895.3	6117.5	5411.9	4706.1	4048.5	3412.8	2762.9	2204.8
-5°	9255.6	8413.1	7592.0	6803.8	6046.8	5344.1	4652.7	3998.8	3365.7	2728.1	2178.6
-7.5°	9017.7	8207.2	7414.8	6653.0	5925.3	5231.4	4560.4	3916.5	3283.3	2664.7	2136.9
-10°	8692.3	7927.0	7175.6	6449.6	5749.9	5076.5	4429.8	3796.3	3169.5	2575.6	2077.3
-12.5°	8292.0	7578.7	6880.6	6192.1	5526.2	4881.9	4260.5	3639.5	3025.9	2461.6	2000.0
-15°	7823.3	7169.8	6528.9	5894.6	5267.8	4653.1	4055.4	3454.2	2858.3	2324.6	1905.6
-17.5°	7326.6	6727.6	6137.5	5546.8	4966.0	4393.7	3820.8	3243.2	2680.3	2184.0	1799.5
-20°	6805.0	6265.8	5722.4	5177.4	4634.4	4094.5	3555.9	3002.8	2484.6	2049.1	1702.8



REPORT NUMBER: P626993 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA2D-740-U-WR-XX

CANDELA DISTRIBUTION (continued):

	20°	22.5°	25°	27.5°	30°	32.5°	35°	37.5°	40°	42.5°	45°
-22.5°	6263.5	5783.5	5287.0	4784.2	4280.5	3775.7	3260.5	2742.4	2265.5	1897.6	1593.3
-25°	5715.6	5288.0	4842.6	4374.6	3906.1	3433.7	2941.5	2476.7	2079.1	1751.3	1476.1
-27.5°	5169.2	4786.9	4372.0	3942.0	3512.4	3068.0	2622.5	2205.6	1882.4	1607.5	1375.8
-30°	4623.5	4270.6	3891.6	3500.8	3102.2	2694.7	2292.7	1983.7	1707.0	1463.7	1267.1
-32.5°	4079.5	3758.0	3412.0	3054.1	2690.8	2327.7	2033.1	1768.6	1532.9	1338.9	1168.0
-35°	3535.3	3242.5	2928.1	2614.4	2291.1	2031.7	1786.2	1572.6	1384.3	1214.0	1069.5
-37.5°	2989.8	2730.6	2468.1	2200.4	1978.9	1764.8	1571.5	1398.2	1236.8	1104.7	979.4
-40°	2474.0	2252.5	2068.7	1873.1	1703.0	1532.5	1382.4	1235.2	1116.6	1000.4	891.8
-42.5°	2037.1	1885.1	1741.9	1605.6	1465.1	1337.8	1212.3	1106.1	1001.7	903.6	814.6
-45°	1697.4	1593.1	1480.4	1377.6	1266.0	1169.3	1075.1	985.4	896.4	817.2	738.2
-47.5°	1431.7	1353.4	1265.6	1184.7	1105.3	1025.2	951.3	873.4	805.6	735.5	673.6
-50°	1213.2	1154.0	1089.8	1024.6	964.7	900.1	840.0	781.0	722.0	666.3	610.6
-52.5°	1030.7	988.9	942.3	890.7	842.4	793.3	742.2	697.4	648.6	600.5	552.7
-55°	887.5	854.0	817.7	777.8	736.6	699.6	660.3	620.9	580.9	537.6	499.2
-57.5°	766.8	739.1	710.6	680.1	647.7	616.6	584.4	549.9	517.1	482.7	447.9
-60°	661.6	639.1	617.4	593.7	568.2	540.8	514.4	486.7	457.8	429.4	400.3
-62.5°	566.2	553.7	533.7	513.1	493.1	472.9	448.8	424.5	401.1	377.5	353.2
-65°	473.0	460.2	445.7	433.1	418.1	400.4	380.6	363.2	346.1	327.3	306.5
-67.5°	392.0	382.4	371.6	359.9	348.8	335.9	322.7	308.4	293.7	276.9	261.0
-70°	326.9	320.8	313.1	303.3	293.2	282.3	271.1	258.6	244.0	228.1	215.4
-72.5°	273.7	269.9	264.2	255.6	245.8	235.5	224.7	212.4	198.4	182.4	170.5
-75°	226.0	223.5	219.1	211.0	202.2	192.6	182.4	169.9	155.6	139.3	127.5
-77.5°	177.7	176.6	174.1	167.5	160.7	153.9	145.4	130.9	116.5	102.6	93.6
-80°	127.8	127.9	126.6	121.7	116.5	111.1	104.5	93.4	82.6	72.5	65.5
-82.5°	80.9	79.5	77.7	75.0	72.3	69.5	66.4	59.4	52.6	46.0	40.7
-85°	36.1	35.1	34.0	34.0	33.8	33.4	32.7	29.3	26.0	23.0	20.3
-87.5°	6.1	6.2	6.3	6.7	6.9	7.2	7.4	7.1	6.9	6.6	6.4
-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: P626993 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA2D-740-U-WR-XX

CANDELA DISTRIBUTION (continued):

	47.5°	50°	52.5°	55°	57.5°	60°	62.5°	65°	67.5°	70°	72.5°
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
87.5°	7.1	7.8	8.3	8.7	8.9	9.1	9.1	8.9	8.6	8.1	7.5
85°	21.3	21.7	21.6	21.0	19.6	18.1	18.1	17.9	17.1	16.1	14.9
82.5°	42.2	43.6	44.3	44.0	41.3	38.4	35.4	32.1	28.7	24.7	22.4
80°	67.9	69.4	69.9	68.8	63.9	58.7	54.2	49.6	45.0	39.8	34.0
77.5°	95.6	96.7	97.0	95.2	89.1	82.4	75.2	67.7	61.3	54.9	47.7
75°	125.3	125.7	125.5	122.2	114.7	106.1	97.4	88.0	78.7	69.9	61.3
72.5°	164.0	158.7	154.8	149.6	141.2	131.5	120.5	108.1	96.2	85.0	74.7
70°	204.4	193.3	184.6	176.7	167.4	157.2	144.9	129.3	113.4	99.9	87.3
67.5°	246.6	232.8	218.9	204.4	193.0	181.5	169.0	150.2	131.2	114.4	99.6
65°	287.7	270.6	254.8	236.0	219.5	205.4	191.4	170.1	148.3	128.8	111.7
62.5°	329.1	306.2	286.5	266.0	246.1	228.7	212.8	188.5	164.8	142.6	123.2
60°	371.6	344.8	318.0	294.4	271.8	250.7	230.9	206.5	180.7	155.7	134.0
57.5°	415.7	383.4	352.8	323.4	297.2	272.8	248.3	223.0	196.1	169.0	143.7
55°	460.1	423.7	387.7	354.0	323.0	295.2	266.4	238.7	210.8	182.0	151.5
52.5°	507.9	465.2	424.5	385.2	349.7	317.0	285.7	254.2	224.9	194.5	160.0
50°	558.4	509.2	462.7	418.7	376.1	339.8	304.5	271.1	238.6	206.5	168.0
47.5°	611.5	555.8	502.9	452.5	406.3	361.9	324.2	287.7	251.9	218.4	175.2
45°	670.0	603.7	544.1	488.8	435.1	386.9	343.6	303.8	266.3	226.9	181.7
42.5°	728.8	655.4	586.9	523.9	466.6	412.2	362.2	320.5	280.2	234.7	188.1
40°	796.6	708.3	630.0	561.8	497.6	436.4	383.7	336.6	293.1	242.5	194.3
37.5°	862.7	765.2	677.0	597.8	528.2	463.7	404.4	351.9	303.3	250.9	200.0
35°	940.5	823.9	721.8	636.0	559.8	489.6	423.9	367.5	314.5	259.0	205.0
32.5°	1016.2	883.7	772.2	675.1	589.5	514.2	444.6	383.5	325.9	266.8	209.3
30°	1099.3	948.7	819.7	711.7	619.1	539.4	465.4	398.6	337.4	274.0	213.6
27.5°	1179.1	1008.7	865.9	750.4	650.3	563.1	484.7	412.7	349.0	281.7	218.9
25°	1258.3	1073.5	916.8	787.3	679.0	584.6	502.4	425.9	360.3	290.2	223.6
22.5°	1344.1	1136.2	962.7	820.5	705.0	604.2	519.3	440.3	370.6	298.3	227.8
20°	1423.0	1192.8	1003.7	852.3	730.7	625.4	535.1	453.1	380.0	306.0	231.3
17.5°	1497.5	1250.3	1049.5	886.6	755.1	644.1	549.0	464.5	388.2	313.0	234.1
15°	1575.6	1307.4	1090.6	916.4	776.2	660.2	561.0	474.2	395.3	319.3	236.8
12.5°	1642.4	1355.8	1125.2	941.4	793.9	673.7	570.9	482.3	401.2	324.7	239.3
10°	1697.4	1395.0	1153.1	961.6	808.2	684.5	578.9	488.9	406.1	328.9	240.6
7.5°	1740.2	1425.0	1174.2	976.9	819.1	693.0	585.5	494.0	409.9	331.8	240.9
5°	1770.1	1445.9	1189.7	987.6	827.5	699.1	590.2	497.4	412.5	333.4	240.2
2.5°	1785.8	1457.7	1199.2	993.3	832.2	702.4	592.9	499.1	413.8	333.6	238.6
0°	1788.3	1459.9	1201.9	994.0	833.4	702.9	593.4	499.0	413.7	332.4	236.0
-2.5°	1785.8	1457.7	1199.2	993.3	832.2	702.4	592.9	499.1	413.8	333.6	238.6
-5°	1770.1	1445.9	1189.7	987.6	827.5	699.1	590.2	497.4	412.5	333.4	240.2
-7.5°	1740.2	1425.0	1174.2	976.9	819.1	693.0	585.5	494.0	409.9	331.8	240.9
-10°	1697.4	1395.0	1153.1	961.6	808.2	684.5	578.9	488.9	406.1	328.9	240.6
-12.5°	1642.4	1355.8	1125.2	941.4	793.9	673.7	570.9	482.3	401.2	324.7	239.3
-15°	1575.6	1307.4	1090.6	916.4	776.2	660.2	561.0	474.2	395.3	319.3	236.8
-17.5°	1497.5	1250.3	1049.5	886.6	755.1	644.1	549.0	464.5	388.2	313.0	234.1
-20°	1423.0	1192.8	1003.7	852.3	730.7	625.4	535.1	453.1	380.0	306.0	231.3

Classified

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

Scaled Data Report



REPORT NUMBER: P626993 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA2D-740-U-WR-XX

CANDELA DISTRIBUTION (continued):

	47.5°	50°	52.5°	55°	57.5°	60°	62.5°	65°	67.5°	70°	72.5°
-22.5°	1344.1	1136.2	962.7	820.5	705.0	604.2	519.3	440.3	370.6	298.3	227.8
-25°	1258.3	1073.5	916.8	787.3	679.0	584.6	502.4	425.9	360.3	290.2	223.6
-27.5°	1179.1	1008.7	865.9	750.4	650.3	563.1	484.7	412.7	349.0	281.7	218.9
-30°	1099.3	948.7	819.7	711.7	619.1	539.4	465.4	398.6	337.4	274.0	213.6
-32.5°	1016.2	883.7	772.2	675.1	589.5	514.2	444.6	383.5	325.9	266.8	209.3
-35°	940.5	823.9	721.8	636.0	559.8	489.6	423.9	367.5	314.5	259.0	205.0
-37.5°	862.7	765.2	677.0	597.8	528.2	463.7	404.4	351.9	303.3	250.9	200.0
-40°	796.6	708.3	630.0	561.8	497.6	436.4	383.7	336.6	293.1	242.5	194.3
-42.5°	728.8	655.4	586.9	523.9	466.6	412.2	362.2	320.5	280.2	234.7	188.1
-45°	670.0	603.7	544.1	488.8	435.1	386.9	343.6	303.8	266.3	226.9	181.7
-47.5°	611.5	555.8	502.9	452.5	406.3	361.9	324.2	287.7	251.9	218.4	175.2
-50°	558.4	509.2	462.7	418.7	376.1	339.8	304.5	271.1	238.6	206.5	168.0
-52.5°	507.9	465.2	424.5	385.2	349.7	317.0	285.7	254.2	224.9	194.5	160.0
-55°	460.1	423.7	387.7	354.0	323.0	295.2	266.4	238.7	210.8	182.0	151.5
-57.5°	415.7	383.4	352.8	323.4	297.2	272.8	248.3	223.0	196.1	169.0	143.7
-60°	371.6	344.8	318.0	294.4	271.8	250.7	230.9	206.5	180.7	155.7	134.0
-62.5°	329.1	306.2	286.5	266.0	246.1	228.7	212.8	188.5	164.8	142.6	123.2
-65°	287.7	270.6	254.8	236.0	219.5	205.4	191.4	170.1	148.3	128.8	111.7
-67.5°	246.6	232.8	218.9	204.4	193.0	181.5	169.0	150.2	131.2	114.4	99.6
-70°	204.4	193.3	184.6	176.7	167.4	157.2	144.9	129.3	113.4	99.9	87.3
-72.5°	164.0	158.7	154.8	149.6	141.2	131.5	120.5	108.1	96.2	85.0	74.7
-75°	125.3	125.7	125.5	122.2	114.7	106.1	97.4	88.0	78.7	69.9	61.3
-77.5°	95.6	96.7	97.0	95.2	89.1	82.4	75.2	67.7	61.3	54.9	47.7
-80°	67.9	69.4	69.9	68.8	63.9	58.7	54.2	49.6	45.0	39.8	34.0
-82.5°	42.2	43.6	44.3	44.0	41.3	38.4	35.4	32.1	28.7	24.7	22.4
-85°	21.3	21.7	21.6	21.0	19.6	18.1	18.1	17.9	17.1	16.1	14.9
-87.5°	7.1	7.8	8.3	8.7	8.9	9.1	9.1	8.9	8.6	8.1	7.5
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

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REPORT NUMBER: P626993 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA2D-740-U-WR-XX

CANDELA DISTRIBUTION (continued):

	75°	77.5°	80°	82.5°	85°	87.5°	90°
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0
87.5°	6.8	5.3	3.9	2.7	1.7	0.7	0.0
85°	13.5	10.5	7.8	5.4	3.3	1.4	0.0
82.5°	20.1	15.7	11.7	8.1	5.0	2.2	0.0
80°	27.4	20.9	15.5	10.8	6.6	2.9	0.0
77.5°	39.1	27.1	19.3	13.4	8.2	3.6	0.0
75°	50.4	35.5	23.4	16.0	9.8	4.3	0.0
72.5°	61.5	43.6	29.0	18.5	11.3	5.0	0.0
70°	71.9	51.4	34.4	21.2	12.8	5.6	0.0
67.5°	81.0	58.8	39.6	24.5	14.3	6.3	0.0
65°	89.6	65.6	44.5	27.6	15.7	6.9	0.0
62.5°	97.7	71.8	49.1	30.6	17.1	7.5	0.0
60°	105.4	77.7	53.4	33.4	18.4	8.1	0.0
57.5°	112.2	83.1	57.4	36.1	20.0	8.7	0.0
55°	118.6	88.2	61.2	38.5	21.5	9.3	0.0
52.5°	124.4	92.8	64.6	40.7	23.0	9.8	0.0
50°	129.7	97.0	67.7	42.7	24.4	10.3	0.0
47.5°	134.6	100.8	70.5	44.5	25.8	10.8	0.0
45°	140.1	104.2	73.0	46.3	27.1	11.2	0.0
42.5°	145.0	107.1	75.1	47.9	28.3	11.6	0.0
40°	149.3	109.6	77.0	49.7	29.4	12.0	0.0
37.5°	153.0	111.6	78.7	51.5	30.4	12.4	0.0
35°	156.1	113.9	80.1	53.1	31.4	12.7	0.0
32.5°	158.9	116.0	81.1	54.6	32.3	13.0	0.0
30°	162.0	117.7	81.9	56.0	33.1	13.3	0.0
27.5°	164.6	118.9	83.6	57.2	33.8	13.5	0.0
25°	166.6	119.7	85.3	58.2	34.5	13.7	0.0
22.5°	168.0	120.6	86.8	59.1	35.0	13.9	0.0
20°	168.8	122.8	88.1	59.8	35.5	14.1	0.0
17.5°	170.7	124.6	89.1	60.4	35.9	14.2	0.0
15°	172.9	126.0	90.0	60.8	36.2	14.2	0.0
12.5°	174.6	127.0	90.6	61.1	36.4	14.3	0.0
10°	175.6	127.7	91.0	61.2	36.5	14.3	0.0
7.5°	176.0	127.9	91.2	61.2	36.5	14.3	0.0
5°	175.8	127.8	91.2	61.0	36.5	14.3	0.0
2.5°	175.0	127.3	90.9	60.7	36.3	14.2	0.0
0°	173.7	126.5	90.4	60.2	36.1	14.1	0.0
-2.5°	175.0	127.3	90.9	60.7	36.3	14.2	0.0
-5°	175.8	127.8	91.2	61.0	36.5	14.3	0.0
-7.5°	176.0	127.9	91.2	61.2	36.5	14.3	0.0
-10°	175.6	127.7	91.0	61.2	36.5	14.3	0.0
-12.5°	174.6	127.0	90.6	61.1	36.4	14.3	0.0
-15°	172.9	126.0	90.0	60.8	36.2	14.2	0.0
-17.5°	170.7	124.6	89.1	60.4	35.9	14.2	0.0
-20°	168.8	122.8	88.1	59.8	35.5	14.1	0.0

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REPORT NUMBER: P626993 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA2D-740-U-WR-XX

CANDELA DISTRIBUTION (continued):

	75°	77.5°	80°	82.5°	85°	87.5°	90°
-22.5°	168.0	120.6	86.8	59.1	35.0	13.9	0.0
-25°	166.6	119.7	85.3	58.2	34.5	13.7	0.0
-27.5°	164.6	118.9	83.6	57.2	33.8	13.5	0.0
-30°	162.0	117.7	81.9	56.0	33.1	13.3	0.0
-32.5°	158.9	116.0	81.1	54.6	32.3	13.0	0.0
-35°	156.1	113.9	80.1	53.1	31.4	12.7	0.0
-37.5°	153.0	111.6	78.7	51.5	30.4	12.4	0.0
-40°	149.3	109.6	77.0	49.7	29.4	12.0	0.0
-42.5°	145.0	107.1	75.1	47.9	28.3	11.6	0.0
-45°	140.1	104.2	73.0	46.3	27.1	11.2	0.0
-47.5°	134.6	100.8	70.5	44.5	25.8	10.8	0.0
-50°	129.7	97.0	67.7	42.7	24.4	10.3	0.0
-52.5°	124.4	92.8	64.6	40.7	23.0	9.8	0.0
-55°	118.6	88.2	61.2	38.5	21.5	9.3	0.0
-57.5°	112.2	83.1	57.4	36.1	20.0	8.7	0.0
-60°	105.4	77.7	53.4	33.4	18.4	8.1	0.0
-62.5°	97.7	71.8	49.1	30.6	17.1	7.5	0.0
-65°	89.6	65.6	44.5	27.6	15.7	6.9	0.0
-67.5°	81.0	58.8	39.6	24.5	14.3	6.3	0.0
-70°	71.9	51.4	34.4	21.2	12.8	5.6	0.0
-72.5°	61.5	43.6	29.0	18.5	11.3	5.0	0.0
-75°	50.4	35.5	23.4	16.0	9.8	4.3	0.0
-77.5°	39.1	27.1	19.3	13.4	8.2	3.6	0.0
-80°	27.4	20.9	15.5	10.8	6.6	2.9	0.0
-82.5°	20.1	15.7	11.7	8.1	5.0	2.2	0.0
-85°	13.5	10.5	7.8	5.4	3.3	1.4	0.0
-87.5°	6.8	5.3	3.9	2.7	1.7	0.7	0.0
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0

(END OF REPORT)