

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: P626600 (CONVERTED FROM TYPE C PHOTOMETRY)

Luminaire Tested: **GFLD-SA1B-727-U-VWR-VSR-XX**

Issue Date: 12/7/2022

Test Information

Test Method: LM-79-08
 Report Number: P626600 (CONVERTED FROM TYPE C PHOTOMETRY)
 TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G2-2210-813-18)
 Test Lab: COOPER LIGHTING SOLUTIONS
 Issue Date: 12/7/2022
 Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
 Product Line: MCGRAW-EDISON
 Catalog Number: GFLD-SA1B-727-U-VWR-VSR-XX
 Description: GALLEON FLOOD, ONE LIGHT SQAURE, VERY WIDE SYMMETRICAL ROUND N7 WITH VISOR
 Light Source: (16) 2700K CCT, 70 CRI LEDS
 Ballast/Driver: -

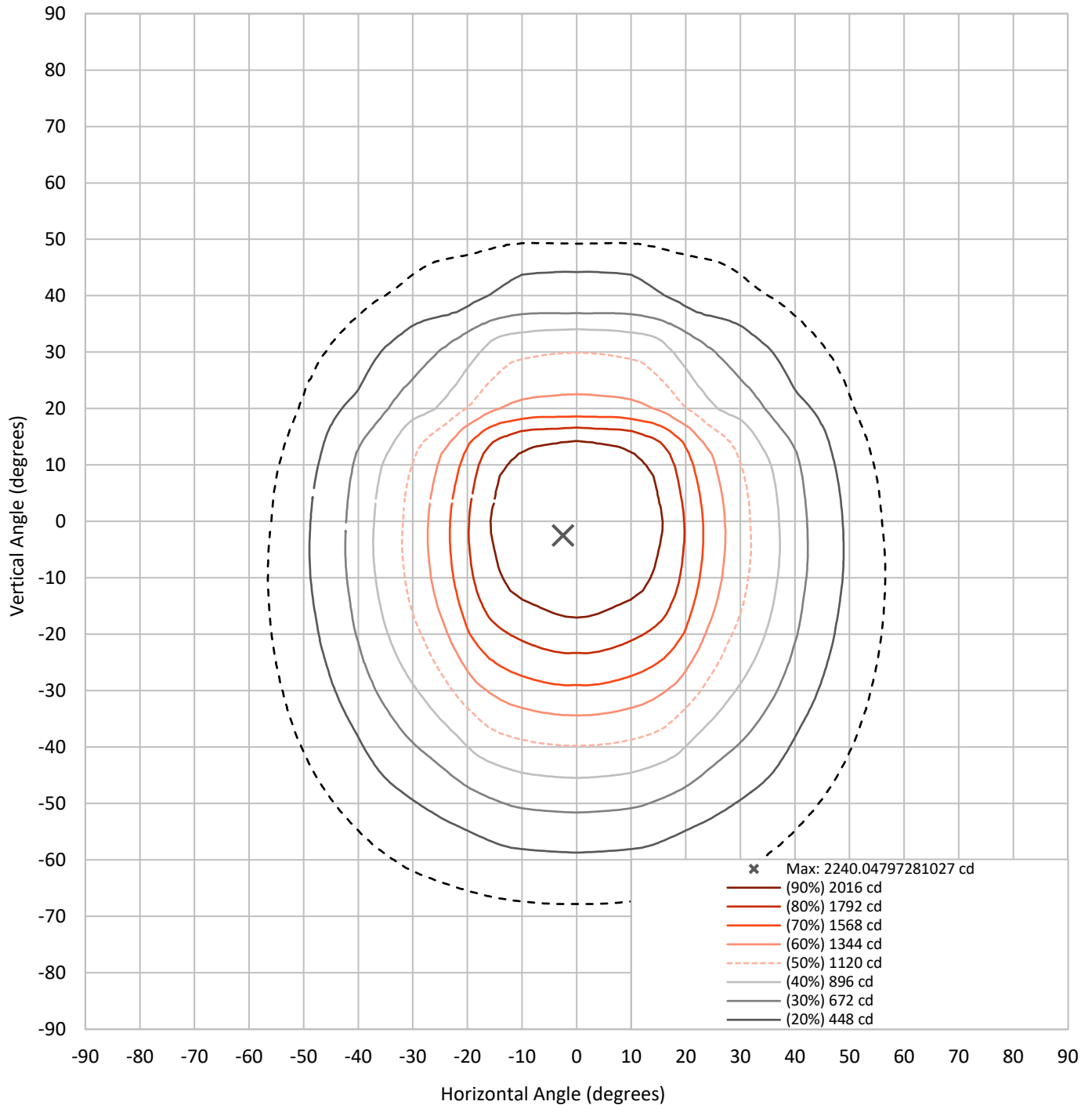
Summary

Lumens per Lamp:	N/A	NEMA Type:	6H x 6V
Luminaire Lumens:	2989.4 lumens	Max Intensity:	2240 candela
Efficiency:	N/A	Max Intensity Angle:	-2.5°H x -2.5°V
Efficacy:	89.2 lumens/watt		
Luminous Opening:	Rectangular (W 0.5' x L: 0.5' x H: 0')		
Beam Angle (50%):	63.9°H x 69.6°V	Field Angle (10%):	112.5°H x 117.1°V
Beam Lumens:	1729.6 lumens	Field Lumens:	2836.8 lumens
Beam Efficiency:	57.9%	Field Efficiency:	94.9%
Input Watts (W):	33.5		
Input Voltage (V):	120		
Input Current (Ain):	NR		
Voltage Rise (V):	NR		
Power Factor:	NR		
Total Harmonic Distortion (THDi):	NR		
Frequency (hertz):	60		
Stabilization Time:	NR		
Operation Time:	NR		
Ambient Temperature (°C):	NR		
Test Distance:	25 FT		



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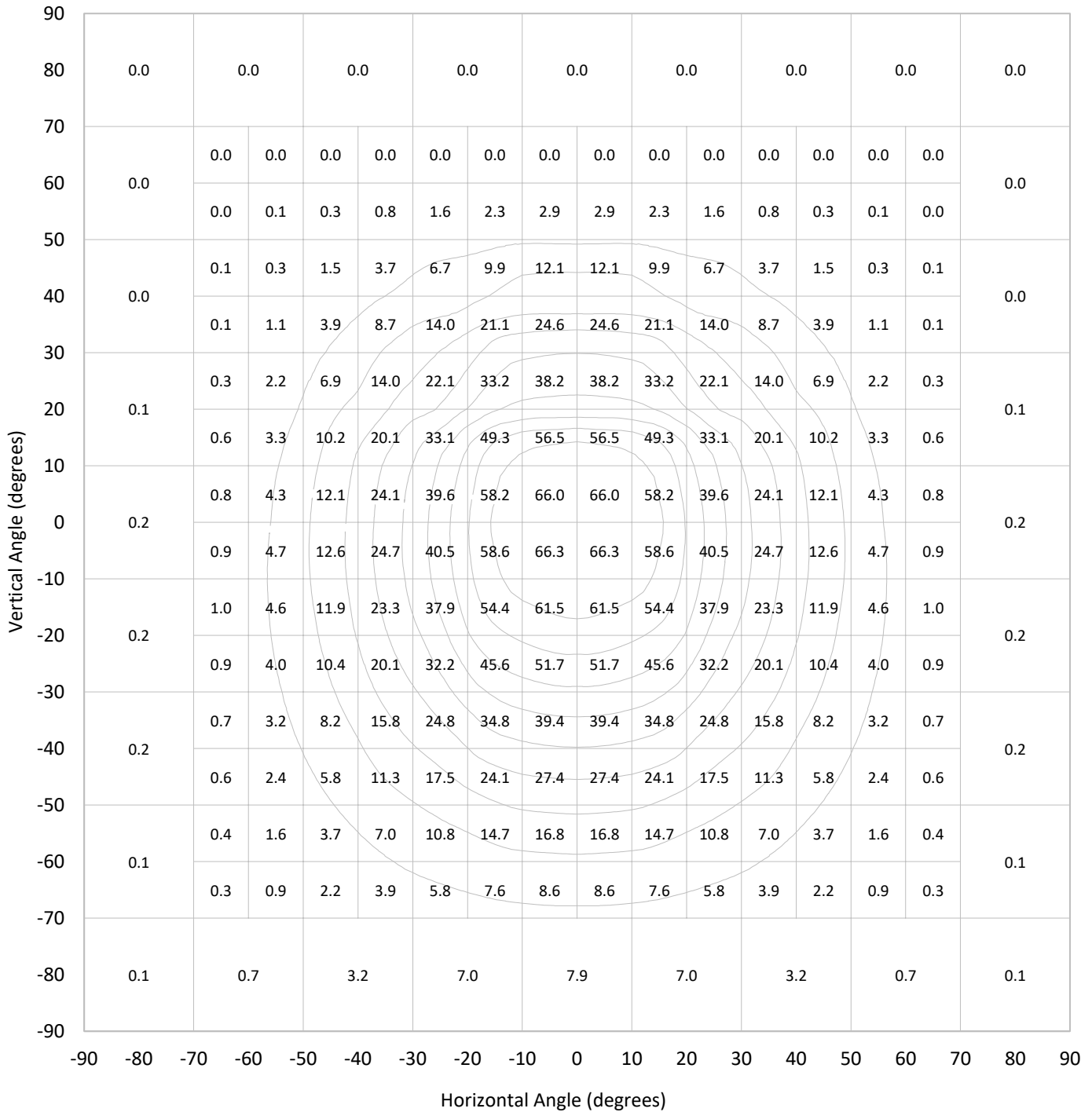
Iso-Candela Plot





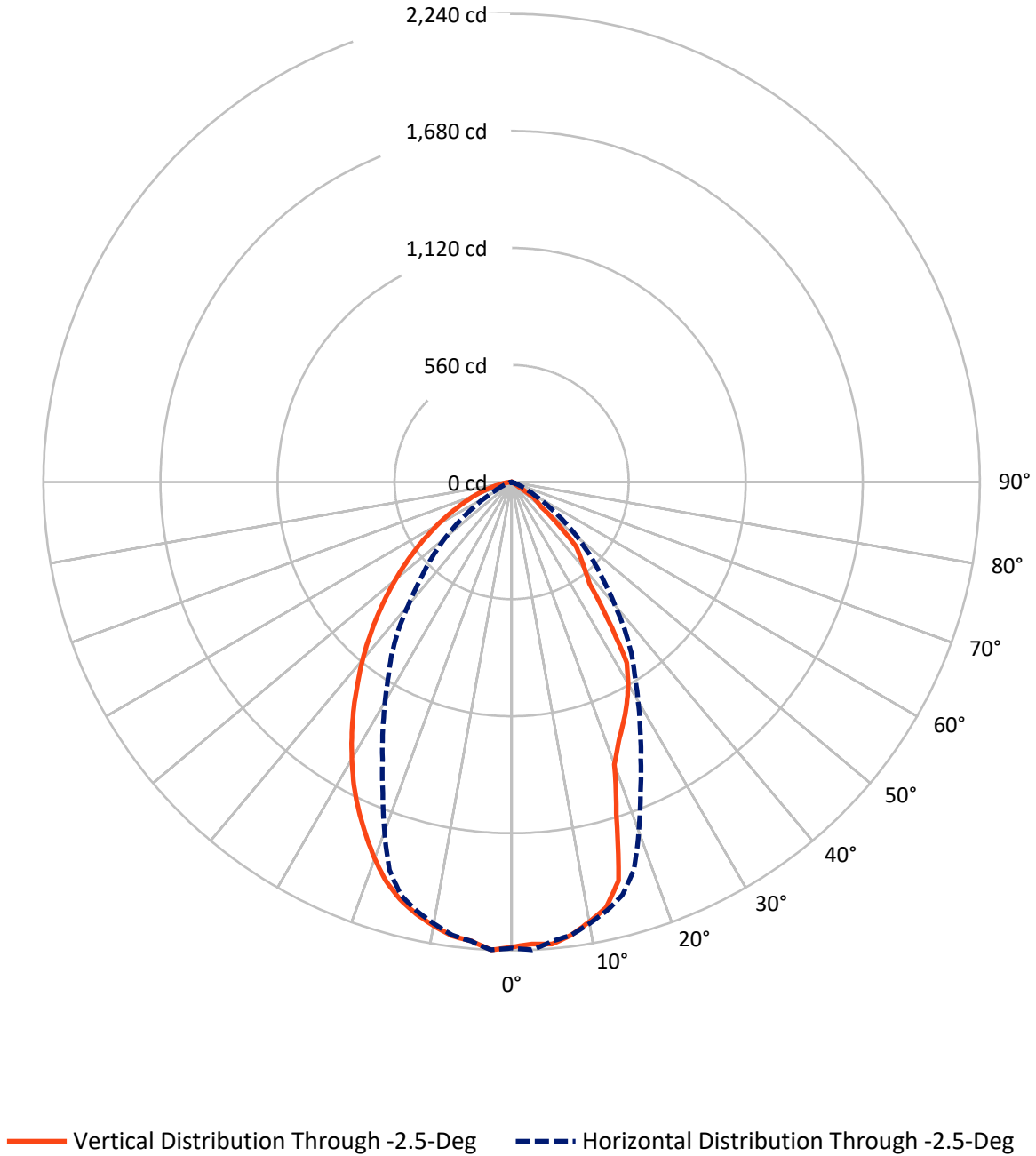
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Lumen Table



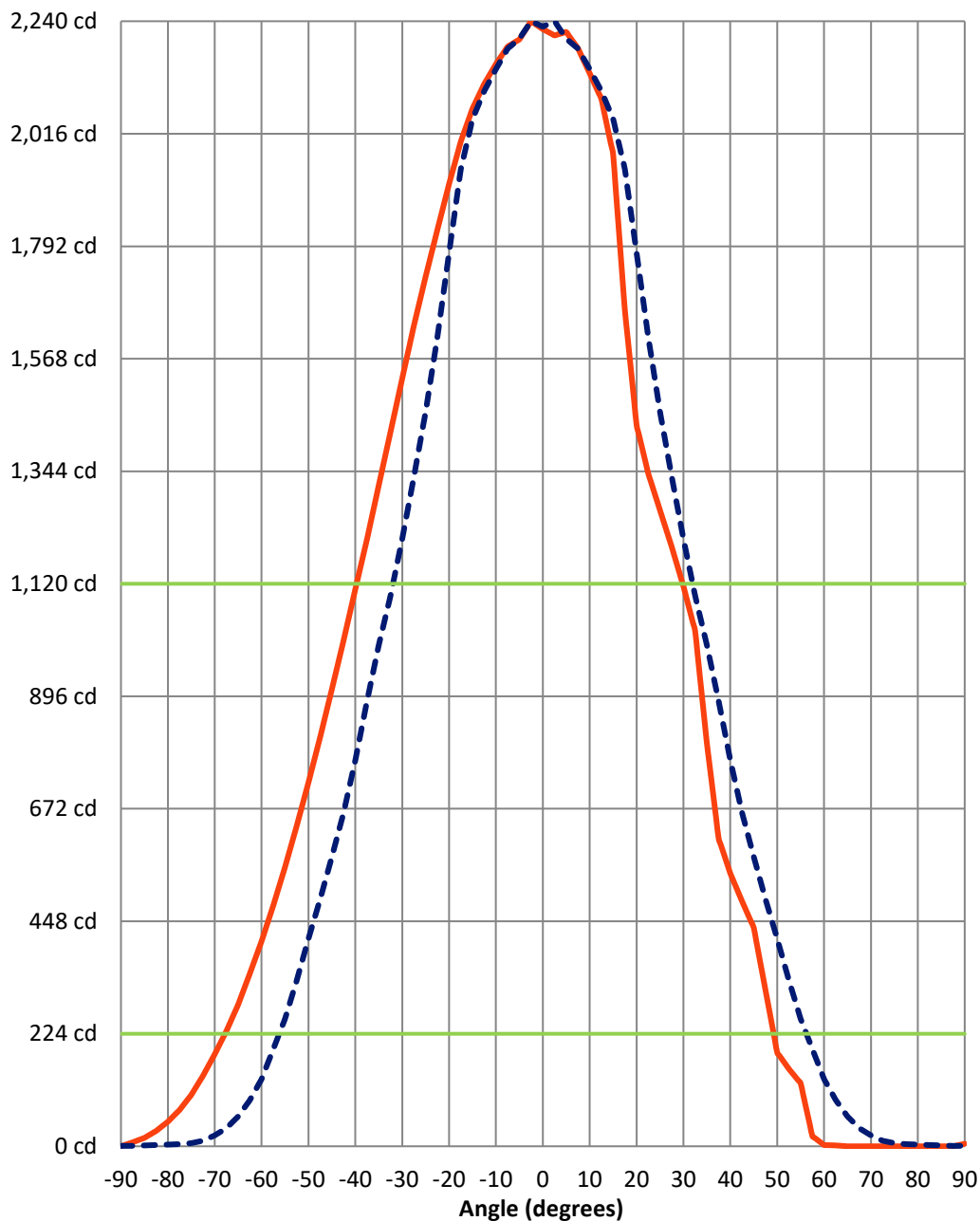
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Luminous Intensity Polar Plot



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Luminous Intensity Plot



Beam:
 H Angle: 63.9°
 V Angle: 69.6°
 Lumens: 1729.6
 Efficiency: 57.9%

Field:
 H Angle: 112.5°
 V Angle: 117.1°
 Lumens: 2836.8
 Efficiency: 94.9%

Spill:
 Lumens: 152.6
 Efficiency: 5.1%

— Vertical Distribution through -2.5-Deg
 - - - Horizontal Distribution through -2.5-Deg

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FIELD
BEAM

CANDELA DISTRIBUTION:

	-90°	-87.5°	-85°	-82.5°	-80°	-77.5°	-75°	-72.5°	-70°	-67.5°	-65°
90°	0.8	0.8	0.8	1.0	1.3	1.5	1.7	1.9	2.1	2.3	2.5
87.5°	0.8	0.8	0.8	0.8	0.7	0.7	0.6	0.4	0.3	0.1	0.0
85°	0.8	0.8	0.8	0.7	0.7	0.5	0.4	0.2	0.1	0.0	0.0
82.5°	0.8	0.8	0.8	0.7	0.6	0.4	0.2	0.1	0.0	0.1	0.2
80°	0.8	0.8	0.8	0.7	0.5	0.3	0.0	0.2	0.3	0.4	0.5
77.5°	0.8	0.8	0.8	0.7	0.5	0.3	0.2	0.4	0.6	0.7	0.7
75°	0.8	0.8	0.8	0.7	0.4	0.4	0.4	0.6	0.8	0.7	0.4
72.5°	0.8	0.8	0.8	0.6	0.5	0.5	0.6	0.8	0.7	0.5	0.1
70°	0.8	0.8	0.8	0.6	0.6	0.6	0.8	0.8	0.6	0.3	0.4
67.5°	0.8	0.8	0.8	0.7	0.6	0.7	0.8	0.7	0.5	0.6	0.7
65°	0.8	0.8	0.8	0.7	0.7	0.8	0.9	0.7	0.8	1.0	1.0
62.5°	0.8	0.8	0.8	0.7	0.8	0.9	0.9	0.9	1.1	1.3	1.1
60°	0.8	0.8	0.8	0.7	0.8	1.0	1.0	1.2	1.4	1.4	1.3
57.5°	0.8	0.8	0.8	0.8	0.9	1.1	1.2	1.5	1.7	1.7	1.6
55°	0.8	0.8	0.8	0.8	1.0	1.2	1.4	1.7	1.9	1.9	2.0
52.5°	0.8	0.8	0.8	0.8	1.1	1.3	1.6	2.0	2.2	2.3	2.4
50°	0.8	0.8	0.9	0.8	1.2	1.5	1.8	2.2	2.5	2.6	2.8
47.5°	0.8	0.8	0.9	0.8	1.3	1.6	2.0	2.4	2.8	3.0	3.2
45°	0.8	0.8	0.9	0.9	1.4	1.8	2.2	2.6	3.1	3.3	3.6
42.5°	0.8	0.8	0.9	1.0	1.5	1.9	2.4	2.9	3.4	3.7	4.4
40°	0.8	0.8	1.0	1.1	1.6	2.1	2.6	3.1	3.7	4.1	5.2
37.5°	0.8	0.8	1.0	1.2	1.7	2.2	2.8	3.4	4.1	4.6	6.1
35°	0.8	0.8	1.0	1.3	1.8	2.4	2.9	3.7	4.4	5.7	7.7
32.5°	0.8	0.8	1.1	1.4	2.0	2.5	3.1	4.1	4.8	6.9	11.0
30°	0.8	0.8	1.1	1.5	2.1	2.7	3.4	4.4	5.2	8.3	14.2
27.5°	0.8	0.8	1.2	1.6	2.2	2.8	3.6	4.7	5.9	9.9	17.3
25°	0.8	0.8	1.2	1.7	2.3	2.9	3.9	5.0	7.1	12.2	20.4
22.5°	0.8	0.8	1.3	1.8	2.4	3.0	4.1	5.4	8.4	14.7	24.4
20°	0.8	0.8	1.3	1.9	2.6	3.2	4.3	5.7	9.7	17.1	28.4
17.5°	0.8	0.8	1.4	2.0	2.7	3.3	4.6	6.0	11.1	19.3	32.3
15°	0.8	0.8	1.4	2.1	2.8	3.5	4.8	6.5	12.5	21.4	36.2
12.5°	0.8	0.8	1.5	2.2	2.9	3.6	5.1	7.0	14.0	23.4	39.8
10°	0.8	0.8	1.5	2.3	3.0	3.7	5.3	7.6	15.6	25.6	43.5
7.5°	0.8	0.8	1.6	2.3	3.1	3.9	5.5	8.3	17.1	27.8	47.4
5°	0.8	0.8	1.6	2.4	3.1	4.0	5.6	8.9	18.5	29.9	50.9
2.5°	0.8	0.8	1.7	2.4	3.2	4.1	5.8	9.5	19.8	31.7	54.1
0°	0.8	0.8	1.7	2.5	3.3	4.2	5.9	10.0	20.9	33.4	56.9
-2.5°	0.8	0.8	1.7	2.5	3.3	4.2	5.9	10.0	20.9	33.4	56.9
-5°	0.8	0.8	1.7	2.5	3.4	4.4	6.5	12.0	22.4	38.4	61.4
-7.5°	0.8	0.8	1.7	2.5	3.5	4.4	6.8	12.8	22.9	40.3	63.0
-10°	0.8	0.8	1.7	2.5	3.5	4.5	7.0	13.5	23.3	41.6	64.2
-12.5°	0.8	0.8	1.7	2.4	3.6	4.5	7.1	14.0	23.6	42.3	65.1
-15°	0.8	0.8	1.6	2.4	3.6	4.6	7.2	14.3	24.0	42.3	65.4
-17.5°	0.8	0.8	1.6	2.4	3.6	4.6	7.3	14.6	24.8	41.9	65.0
-20°	0.8	0.8	1.6	2.4	3.6	4.6	7.5	14.9	25.2	41.1	63.8

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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°	0.8	0.8	1.6	2.3	3.5	4.7	7.9	15.0	25.4	40.0	61.8
-25°	0.8	0.8	1.5	2.3	3.5	5.0	8.3	15.0	25.4	38.6	58.9
-27.5°	0.8	0.8	1.5	2.2	3.4	5.4	8.6	14.8	25.0	37.3	56.8
-30°	0.8	0.8	1.5	2.2	3.3	5.7	8.8	14.4	24.5	36.8	54.4
-32.5°	0.8	0.8	1.4	2.1	3.4	6.0	8.9	14.4	23.9	35.9	51.7
-35°	0.8	0.8	1.4	2.1	3.5	6.2	9.2	14.5	23.1	34.6	48.7
-37.5°	0.8	0.8	1.3	2.0	3.6	6.3	9.4	14.4	22.1	32.9	47.4
-40°	0.8	0.8	1.3	1.9	3.6	6.4	9.6	14.2	20.8	31.3	45.9
-42.5°	0.8	0.8	1.2	1.9	3.6	6.4	9.6	13.9	20.0	30.0	43.6
-45°	0.8	0.8	1.2	1.9	3.6	6.3	9.6	13.6	19.5	28.4	40.7
-47.5°	0.8	0.8	1.1	1.9	3.6	6.2	9.4	13.4	18.8	26.5	38.5
-50°	0.8	0.8	1.1	1.9	3.6	6.1	9.2	13.0	18.2	25.8	35.8
-52.5°	0.8	0.8	1.0	1.8	3.5	5.9	9.0	12.6	17.7	24.9	32.9
-55°	0.8	0.8	0.9	1.8	3.3	5.7	8.6	12.0	17.1	23.8	31.6
-57.5°	0.8	0.8	0.9	1.7	3.1	5.4	8.3	11.5	16.3	22.6	29.9
-60°	0.8	0.8	0.8	1.6	2.9	5.0	7.8	10.9	15.3	21.2	28.1
-62.5°	0.8	0.8	0.8	1.5	2.7	4.6	7.2	10.2	14.1	19.5	25.9
-65°	0.8	0.8	0.8	1.4	2.6	4.1	6.5	9.2	12.5	17.3	23.4
-67.5°	0.8	0.8	0.8	1.3	2.4	3.7	5.7	8.1	10.8	14.7	20.1
-70°	0.8	0.8	0.8	1.2	2.1	3.3	4.8	6.9	9.2	11.9	16.3
-72.5°	0.8	0.8	0.8	1.1	1.9	3.0	4.3	5.6	7.6	9.9	12.5
-75°	0.8	0.8	0.8	1.1	1.6	2.6	3.7	4.8	5.9	7.8	9.9
-77.5°	0.8	0.8	0.8	1.1	1.6	2.2	3.1	4.0	4.9	5.9	7.3
-80°	0.8	0.8	0.8	1.1	1.5	2.0	2.5	3.2	3.9	4.7	5.6
-82.5°	0.8	0.8	0.8	1.1	1.4	1.8	2.3	2.6	3.0	3.5	4.2
-85°	0.8	0.8	0.8	1.1	1.4	1.7	2.1	2.4	2.6	2.9	3.2
-87.5°	0.8	0.8	0.8	1.1	1.3	1.6	1.9	2.1	2.4	2.6	2.8
-90°	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.6	0.4	0.2	0.0



REPORT NUMBER: P626600 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA1B-727-U-VWR-VSR-XX

CANDELA DISTRIBUTION (continued):

	-62.5°	-60°	-57.5°	-55°	-52.5°	-50°	-47.5°	-45°	-42.5°	-40°	-37.5°
90°	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.7	2.9	3.1
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°	0.2	0.2	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
80°	0.5	0.4	0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
77.5°	0.5	0.2	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
75°	0.2	0.0	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
72.5°	0.1	0.2	0.2	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0
70°	0.5	0.5	0.3	0.1	0.0	0.0	0.1	0.1	0.0	0.0	0.1
67.5°	0.7	0.6	0.4	0.2	0.3	0.4	0.4	0.4	0.4	0.5	0.4
65°	0.8	0.6	0.6	0.7	0.8	0.9	1.0	1.0	0.8	0.7	0.7
62.5°	0.8	0.9	1.1	1.2	1.3	1.5	1.5	1.3	1.0	1.2	1.4
60°	1.2	1.4	1.5	1.7	1.9	2.0	1.9	1.9	2.1	2.4	4.7
57.5°	1.7	1.8	2.0	2.3	2.5	2.5	2.6	2.8	6.6	10.8	12.0
55°	2.1	2.2	2.6	3.0	3.2	3.2	4.6	9.7	14.6	20.2	22.3
52.5°	2.5	2.7	3.3	3.8	4.1	6.4	11.6	18.5	25.8	32.2	40.6
50°	3.0	3.6	4.2	4.9	7.9	13.9	21.5	30.9	41.8	52.1	62.7
47.5°	3.7	4.5	5.4	7.8	15.5	23.9	34.3	49.5	63.0	75.5	90.0
45°	4.6	6.2	7.2	15.4	24.4	35.2	52.9	71.4	83.7	100.4	126.0
42.5°	5.5	8.6	13.8	23.3	34.2	51.6	73.6	89.4	105.7	132.8	159.7
40°	7.9	11.5	20.8	32.1	46.0	71.3	93.9	111.8	134.0	164.0	192.2
37.5°	10.9	17.5	28.0	41.5	64.4	92.2	116.3	141.9	167.5	195.8	248.0
35°	14.1	23.1	37.1	55.3	82.8	115.3	144.1	172.6	202.1	257.9	309.7
32.5°	18.4	28.3	46.6	71.3	102.8	138.4	171.9	204.8	252.1	315.2	367.2
30°	22.9	36.6	57.5	86.2	121.5	159.6	199.8	239.6	302.3	354.5	411.0
27.5°	27.7	45.3	70.3	101.7	139.1	179.6	224.9	281.8	337.7	389.3	451.3
25°	32.6	54.4	82.0	116.5	156.4	201.1	253.2	322.6	366.3	423.4	488.0
22.5°	39.0	63.2	93.7	129.9	172.4	223.3	289.8	359.4	410.9	458.8	522.0
20°	46.3	73.0	106.3	146.8	188.1	245.0	326.1	399.3	459.9	514.8	572.8
17.5°	53.1	82.2	119.8	164.0	210.9	272.7	361.7	442.8	509.4	570.6	643.1
15°	59.4	90.7	133.0	180.3	233.4	304.5	393.7	482.7	558.8	627.6	710.0
12.5°	65.2	98.5	145.7	195.5	254.5	331.9	420.5	507.4	591.0	680.7	774.2
10°	70.4	105.5	157.8	209.5	274.1	355.1	442.7	528.0	612.4	707.3	811.1
7.5°	76.0	112.0	168.7	222.3	291.9	374.2	460.4	544.6	629.6	728.5	835.1
5°	81.1	118.0	177.4	231.5	305.7	389.2	473.8	557.1	642.7	744.3	853.3
2.5°	85.7	123.0	184.4	238.7	315.9	400.2	482.4	567.6	652.4	757.2	867.2
0°	89.5	127.1	189.8	244.2	323.6	408.1	487.5	574.5	658.1	766.0	876.3
-2.5°	91.9	133.8	193.5	253.8	330.3	413.3	492.1	576.4	664.2	768.8	886.6
-5°	93.7	139.3	195.7	261.2	334.8	415.5	493.6	574.9	665.8	768.1	888.1
-7.5°	94.6	143.1	196.8	265.4	336.3	414.2	491.0	572.1	663.1	765.4	881.5
-10°	95.2	144.3	198.2	264.2	334.3	409.7	485.4	565.4	655.6	756.8	868.9
-12.5°	96.8	143.5	198.0	261.3	329.9	402.9	477.0	554.9	642.9	742.3	851.4
-15°	97.2	141.8	195.6	257.2	323.2	394.0	466.0	540.5	627.4	728.0	832.1
-17.5°	96.3	139.2	191.0	251.9	314.2	383.3	453.1	527.5	612.8	711.7	811.9
-20°	94.1	135.8	184.0	245.7	303.5	371.3	440.1	513.9	595.9	688.9	789.2



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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°	90.4	131.8	176.4	237.0	294.3	357.6	424.9	495.3	574.9	659.4	758.8
-25°	86.7	127.2	170.4	225.0	283.1	341.6	407.5	472.6	550.1	633.2	721.3
-27.5°	83.1	120.7	164.3	211.9	270.1	324.6	387.8	451.3	522.3	603.7	684.9
-30°	78.4	113.8	156.7	199.3	254.4	308.4	365.8	428.3	492.2	569.4	649.2
-32.5°	74.2	106.6	148.1	189.7	237.6	290.3	342.1	401.7	464.0	529.8	608.7
-35°	71.5	102.3	138.9	178.7	220.5	270.6	319.8	371.6	432.0	493.7	563.0
-37.5°	69.2	97.4	129.3	167.1	207.0	249.9	296.0	343.6	396.3	458.6	523.7
-40°	65.7	91.9	122.2	156.1	191.3	230.3	273.1	316.2	361.9	422.7	487.0
-42.5°	61.1	86.5	115.4	144.1	176.2	211.9	249.9	290.5	334.4	387.3	446.3
-45°	57.6	79.7	108.0	133.6	160.2	192.9	228.5	265.3	306.7	352.1	405.2
-47.5°	53.2	72.2	98.2	122.2	145.6	173.5	206.1	240.9	277.6	318.5	361.9
-50°	48.5	66.0	86.3	109.6	131.9	155.1	183.0	215.2	248.4	284.0	322.8
-52.5°	44.9	58.8	77.3	96.7	118.0	139.0	162.7	190.3	220.0	249.8	283.9
-55°	40.8	53.4	68.7	86.1	104.2	123.7	145.2	169.4	193.7	221.0	248.3
-57.5°	38.0	48.3	61.5	76.7	92.9	109.5	129.8	150.2	172.7	195.3	217.9
-60°	35.8	43.8	54.8	68.2	82.7	98.1	114.8	133.7	153.0	171.5	191.0
-62.5°	33.2	40.3	48.8	59.7	72.9	86.3	101.0	117.2	134.6	150.2	165.3
-65°	29.9	36.0	43.4	52.2	62.6	73.9	86.5	100.1	115.2	127.8	140.1
-67.5°	26.1	31.3	37.4	44.7	53.3	62.1	71.3	82.9	95.1	105.4	115.5
-70°	21.4	26.1	31.2	37.0	43.8	51.3	59.4	67.8	76.1	84.6	93.8
-72.5°	16.4	20.7	25.0	29.1	34.5	40.7	47.3	54.3	61.6	68.8	75.8
-75°	12.5	15.3	19.0	22.8	26.5	30.5	35.0	40.6	47.4	54.4	60.8
-77.5°	9.4	11.8	14.3	16.9	19.2	22.2	25.4	28.9	34.5	40.9	47.4
-80°	6.8	8.2	10.2	12.3	13.9	15.6	17.3	19.0	23.2	28.4	33.9
-82.5°	5.0	6.0	7.1	8.3	9.1	10.0	10.9	12.1	15.1	18.6	22.3
-85°	3.4	3.7	4.3	5.0	5.5	6.0	6.5	7.0	8.6	10.5	12.5
-87.5°	3.0	3.1	3.3	3.5	3.5	3.6	3.6	3.7	4.3	4.8	5.5
-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: P626600 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA1B-727-U-VWR-VSR-XX

CANDELA DISTRIBUTION (continued):

	-35°	-32.5°	-30°	-27.5°	-25°	-22.5°	-20°	-17.5°	-15°	-12.5°	-10°
90°	3.3	3.5	3.8	4.0	4.2	4.4	4.6	4.8	5.0	5.0	5.0
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°	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
67.5°	0.4	0.4	0.4	0.3	0.1	0.0	0.0	0.0	0.0	0.0	0.0
65°	0.8	0.8	0.6	0.4	0.2	0.3	0.5	0.6	0.6	0.5	0.4
62.5°	1.3	1.2	1.1	1.3	1.5	1.8	1.7	1.6	1.5	1.4	1.5
60°	4.9	3.3	3.8	4.8	4.5	3.1	5.0	5.7	4.9	3.3	3.2
57.5°	12.5	12.1	13.9	20.3	22.3	20.3	24.3	29.5	29.3	25.2	25.1
55°	26.7	35.9	46.9	48.6	56.3	71.7	83.6	78.4	78.3	82.3	95.0
52.5°	50.7	59.4	62.6	71.1	87.1	98.7	106.2	113.9	122.4	131.1	139.9
50°	74.4	82.8	92.3	101.0	123.2	135.2	133.1	149.2	169.7	182.5	189.1
47.5°	109.2	122.3	142.4	173.9	190.4	202.4	217.2	235.4	258.9	290.8	315.3
45°	150.1	170.8	201.9	235.3	260.9	272.6	289.7	317.7	355.2	391.7	418.4
42.5°	183.6	212.0	247.0	278.9	299.9	319.1	341.1	364.8	407.7	446.7	477.4
40°	227.2	249.4	288.6	318.7	337.5	356.5	391.4	426.9	467.3	503.5	528.7
37.5°	282.5	307.4	348.3	382.3	400.4	407.1	466.5	515.9	548.6	595.0	610.1
35°	341.9	382.9	435.0	479.1	496.8	532.2	593.4	662.2	736.9	764.3	787.7
32.5°	408.2	458.8	529.5	576.8	602.1	655.7	733.2	806.7	904.3	957.2	973.1
30°	468.8	526.9	587.7	633.7	676.8	741.4	812.1	902.8	993.0	1060.7	1081.7
27.5°	513.3	577.6	636.0	679.1	727.8	797.5	885.5	977.3	1065.9	1135.1	1159.6
25°	555.8	628.5	674.7	724.8	782.0	857.9	955.5	1057.5	1144.8	1203.3	1233.3
22.5°	604.2	675.8	725.4	767.8	842.6	930.1	1020.7	1136.0	1228.5	1275.1	1307.7
20°	654.1	735.1	811.7	851.2	915.9	1026.7	1128.1	1236.9	1326.2	1374.7	1409.1
17.5°	723.7	826.9	920.9	976.8	1046.1	1178.5	1305.1	1415.2	1539.4	1583.2	1625.3
15°	797.1	916.5	1026.6	1115.2	1204.8	1336.0	1498.9	1631.7	1773.5	1836.7	1908.3
12.5°	870.2	983.2	1083.0	1197.2	1323.5	1439.5	1594.6	1760.1	1888.7	1969.4	2017.5
10°	924.9	1029.9	1125.9	1240.4	1366.4	1497.6	1651.8	1821.4	1956.0	2024.8	2064.2
7.5°	954.4	1054.9	1156.1	1272.2	1397.6	1537.4	1696.2	1864.5	2002.1	2068.8	2107.7
5°	976.3	1072.8	1177.7	1299.8	1426.6	1568.4	1727.0	1893.2	2018.8	2089.7	2138.7
2.5°	989.6	1084.2	1191.4	1317.7	1444.8	1592.5	1758.7	1931.0	2040.9	2097.9	2143.1
0°	993.4	1088.7	1199.1	1327.0	1457.5	1606.3	1771.1	1941.6	2052.9	2108.1	2154.0
-2.5°	997.7	1095.9	1209.3	1333.2	1462.4	1610.8	1779.0	1945.3	2045.3	2100.9	2144.8
-5°	994.7	1096.4	1209.5	1328.1	1458.3	1605.5	1766.9	1922.4	2027.0	2087.2	2130.8
-7.5°	985.7	1088.9	1200.8	1314.7	1442.4	1591.4	1752.1	1901.8	2007.8	2071.3	2118.9
-10°	972.6	1072.8	1185.4	1300.8	1427.0	1568.8	1727.1	1875.8	1977.3	2044.7	2100.2
-12.5°	958.1	1056.2	1164.8	1275.5	1400.3	1540.3	1693.7	1834.5	1935.3	2008.9	2048.5
-15°	936.6	1034.7	1138.5	1245.5	1367.1	1503.0	1649.5	1784.6	1883.6	1943.5	1987.3
-17.5°	909.3	1005.5	1103.9	1205.4	1320.0	1453.7	1601.1	1734.4	1815.1	1868.6	1911.6
-20°	880.0	968.9	1062.1	1158.0	1269.0	1401.5	1546.3	1662.5	1738.6	1790.0	1830.6

Classified

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

Scaled Data Report



REPORT NUMBER: P626600 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA1B-727-U-VWR-VSR-XX

CANDELA DISTRIBUTION (continued):

	-35°	-32.5°	-30°	-27.5°	-25°	-22.5°	-20°	-17.5°	-15°	-12.5°	-10°
-22.5°	846.5	932.1	1017.4	1109.1	1218.0	1339.5	1467.4	1579.7	1661.5	1708.2	1745.8
-25°	808.3	891.6	972.6	1061.1	1161.2	1270.4	1389.3	1499.7	1573.0	1622.6	1659.9
-27.5°	767.1	845.4	924.6	1004.0	1094.0	1202.8	1312.9	1415.4	1478.0	1528.1	1565.5
-30°	726.0	796.4	869.7	944.9	1029.4	1127.4	1230.4	1316.7	1382.6	1431.3	1466.1
-32.5°	681.5	748.3	813.2	883.6	963.1	1049.5	1139.9	1221.9	1292.4	1337.0	1366.3
-35°	635.9	700.6	759.9	823.8	893.9	968.5	1052.0	1132.8	1202.5	1237.7	1266.3
-37.5°	588.4	652.9	709.2	762.5	823.0	892.0	973.3	1050.5	1110.6	1140.9	1166.7
-40°	547.1	603.9	654.6	705.6	754.7	816.1	891.9	966.7	1014.9	1044.4	1068.3
-42.5°	507.0	554.9	596.5	642.2	691.4	751.9	813.0	875.7	914.5	947.3	972.5
-45°	460.4	503.2	542.1	580.1	625.0	680.2	735.8	786.0	822.3	854.0	878.5
-47.5°	408.7	450.1	487.9	521.9	563.5	609.6	656.4	698.1	734.0	765.3	787.2
-50°	360.6	397.5	434.5	468.9	505.0	542.2	580.2	616.8	650.9	681.3	700.0
-52.5°	317.5	351.6	383.8	413.9	445.5	477.0	508.4	542.0	573.3	602.1	617.0
-55°	278.5	309.2	338.3	363.7	389.0	414.0	440.9	471.9	500.8	527.4	538.1
-57.5°	243.5	269.8	295.5	317.0	337.7	357.5	381.2	407.3	432.6	455.4	464.2
-60°	211.3	232.1	253.7	272.7	290.7	307.8	328.4	349.4	369.9	387.1	394.6
-62.5°	181.6	199.5	215.8	231.3	246.5	261.9	278.5	295.2	311.8	325.0	331.8
-65°	153.1	167.3	180.4	193.1	205.4	218.3	231.4	244.1	256.3	265.8	271.6
-67.5°	126.3	137.0	147.4	157.3	167.7	178.1	188.3	198.1	207.3	214.6	220.2
-70°	102.5	110.8	119.0	127.2	135.8	143.9	151.6	158.9	165.8	171.0	175.3
-72.5°	82.6	89.4	96.4	103.8	110.8	116.9	122.4	127.7	132.8	135.8	138.0
-75°	66.6	72.3	78.4	84.4	90.2	94.8	98.9	102.8	106.6	106.8	106.0
-77.5°	53.8	58.9	63.6	68.3	73.0	75.8	78.3	80.9	83.4	82.0	79.6
-80°	39.5	43.7	47.7	51.8	55.8	57.5	58.7	59.7	60.6	58.7	56.2
-82.5°	26.2	28.9	31.5	34.1	36.8	37.9	38.7	39.4	39.9	38.2	36.1
-85°	14.6	15.9	17.2	18.5	19.7	20.5	21.2	21.8	22.4	21.3	20.2
-87.5°	6.1	6.4	6.6	6.9	7.2	7.5	7.7	8.0	8.3	8.3	8.3
-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: P626600 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA1B-727-U-VWR-VSR-XX

CANDELA DISTRIBUTION (continued):

	-7.5°	-5°	-2.5°	0°	2.5°	5°	7.5°	10°	12.5°	15°	17.5°
90°	5.0	5.0	5.0	5.0	5.0	5.0	5.0	5.0	5.0	5.0	4.8
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°	0.2	0.0	0.0	0.0	0.0	0.0	0.2	0.4	0.5	0.6	0.6
62.5°	1.6	1.6	1.7	1.7	1.7	1.6	1.6	1.5	1.4	1.5	1.6
60°	3.0	2.6	2.5	2.5	2.5	2.6	3.0	3.2	3.3	4.9	5.7
57.5°	23.2	19.8	20.3	22.6	20.3	19.8	23.2	25.1	25.2	29.3	29.5
55°	108.3	120.9	125.4	122.9	125.4	120.9	108.3	95.0	82.3	78.3	78.4
52.5°	146.8	151.9	153.9	153.9	153.9	151.9	146.8	139.9	131.1	122.4	113.9
50°	191.1	189.3	186.7	184.0	186.7	189.3	191.1	189.1	182.5	169.7	149.2
47.5°	318.9	313.3	311.0	315.2	311.0	313.3	318.9	315.3	290.8	258.9	235.4
45°	423.8	430.2	435.1	434.8	435.1	430.2	423.8	418.4	391.7	355.2	317.7
42.5°	483.5	486.9	487.9	486.7	487.9	486.9	483.5	477.4	446.7	407.7	364.8
40°	536.7	540.8	543.1	545.2	543.1	540.8	536.7	528.7	503.5	467.3	426.9
37.5°	615.1	616.7	613.4	611.3	613.4	616.7	615.1	610.1	595.0	548.6	515.9
35°	807.5	811.5	802.3	811.9	802.3	811.5	807.5	787.7	764.3	736.9	662.2
32.5°	992.0	1010.4	1025.4	1037.7	1025.4	1010.4	992.0	973.1	957.2	904.3	806.7
30°	1096.4	1108.4	1114.8	1116.3	1114.8	1108.4	1096.4	1081.7	1060.7	993.0	902.8
27.5°	1173.2	1185.7	1193.4	1199.1	1193.4	1185.7	1173.2	1159.6	1135.1	1065.9	977.3
25°	1247.1	1258.5	1266.3	1269.3	1266.3	1258.5	1247.1	1233.3	1203.3	1144.8	1057.5
22.5°	1323.9	1331.8	1339.3	1342.9	1339.3	1331.8	1323.9	1307.7	1275.1	1228.5	1136.0
20°	1433.8	1429.5	1436.4	1434.1	1436.4	1429.5	1433.8	1409.1	1374.7	1326.2	1236.9
17.5°	1658.0	1660.4	1664.9	1672.4	1664.9	1660.4	1658.0	1625.3	1583.2	1539.4	1415.2
15°	1939.9	1945.7	1974.5	2000.2	1974.5	1945.7	1939.9	1908.3	1836.7	1773.5	1631.7
12.5°	2062.2	2081.9	2084.9	2092.2	2084.9	2081.9	2062.2	2017.5	1969.4	1888.7	1760.1
10°	2103.1	2137.0	2136.3	2144.8	2136.3	2137.0	2103.1	2064.2	2024.8	1956.0	1821.4
7.5°	2134.0	2170.5	2186.0	2192.5	2186.0	2170.5	2134.0	2107.7	2068.8	2002.1	1864.5
5°	2171.8	2191.9	2218.5	2210.9	2218.5	2191.9	2171.8	2138.7	2089.7	2018.8	1893.2
2.5°	2187.7	2219.1	2211.8	2219.3	2211.8	2219.1	2187.7	2143.1	2097.9	2040.9	1931.0
0°	2198.4	2220.9	2224.3	2231.8	2224.3	2220.9	2198.4	2154.0	2108.1	2052.9	1941.6
-2.5°	2185.4	2205.3	2240.0	2229.3	2240.0	2205.3	2185.4	2144.8	2100.9	2045.3	1945.3
-5°	2174.0	2222.9	2204.0	2227.6	2204.0	2222.9	2174.0	2130.8	2087.2	2027.0	1922.4
-7.5°	2168.1	2176.9	2189.5	2207.6	2189.5	2176.9	2168.1	2118.9	2071.3	2007.8	1901.8
-10°	2122.7	2131.7	2154.9	2167.4	2154.9	2131.7	2122.7	2100.2	2044.7	1977.3	1875.8
-12.5°	2073.5	2090.9	2115.2	2123.1	2115.2	2090.9	2073.5	2048.5	2008.9	1935.3	1834.5
-15°	2016.8	2042.5	2066.3	2071.3	2066.3	2042.5	2016.8	1987.3	1943.5	1883.6	1784.6
-17.5°	1944.7	1975.6	2000.5	2006.0	2000.5	1975.6	1944.7	1911.6	1868.6	1815.1	1734.4
-20°	1865.3	1894.8	1916.1	1922.4	1916.1	1894.8	1865.3	1830.6	1790.0	1738.6	1662.5



REPORT NUMBER: P626600 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA1B-727-U-VWR-VSR-XX

CANDELA DISTRIBUTION (continued):

	-7.5°	-5°	-2.5°	0°	2.5°	5°	7.5°	10°	12.5°	15°	17.5°
-22.5°	1780.2	1806.8	1824.7	1822.1	1824.7	1806.8	1780.2	1745.8	1708.2	1661.5	1579.7
-25°	1689.9	1714.6	1731.7	1729.3	1731.7	1714.6	1689.9	1659.9	1622.6	1573.0	1499.7
-27.5°	1594.5	1617.8	1634.2	1634.8	1634.2	1617.8	1594.5	1565.5	1528.1	1478.0	1415.4
-30°	1494.1	1515.3	1528.6	1523.6	1528.6	1515.3	1494.1	1466.1	1431.3	1382.6	1316.7
-32.5°	1390.7	1409.9	1422.1	1425.7	1422.1	1409.9	1390.7	1366.3	1337.0	1292.4	1221.9
-35°	1288.6	1305.5	1316.1	1318.7	1316.1	1305.5	1288.6	1266.3	1237.7	1202.5	1132.8
-37.5°	1187.2	1201.7	1209.1	1205.8	1209.1	1201.7	1187.2	1166.7	1140.9	1110.6	1050.5
-40°	1087.0	1100.8	1109.3	1111.3	1109.3	1100.8	1087.0	1068.3	1044.4	1014.9	966.7
-42.5°	988.5	1000.0	1007.4	1011.0	1007.4	1000.0	988.5	972.5	947.3	914.5	875.7
-45°	892.9	903.2	910.1	914.0	910.1	903.2	892.9	878.5	854.0	822.3	786.0
-47.5°	799.8	808.8	814.8	817.8	814.8	808.8	799.8	787.2	765.3	734.0	698.1
-50°	710.9	718.7	724.3	727.5	724.3	718.7	710.9	700.0	681.3	650.9	616.8
-52.5°	626.5	633.4	638.1	640.5	638.1	633.4	626.5	617.0	602.1	573.3	542.0
-55°	545.9	551.5	555.9	558.6	555.9	551.5	545.9	538.1	527.4	500.8	471.9
-57.5°	470.8	475.3	479.5	482.5	479.5	475.3	470.8	464.2	455.4	432.6	407.3
-60°	400.5	404.8	408.3	410.6	408.3	404.8	400.5	394.6	387.1	369.9	349.4
-62.5°	337.0	340.8	344.1	346.2	344.1	340.8	337.0	331.8	325.0	311.8	295.2
-65°	276.2	279.6	282.0	283.5	282.0	279.6	276.2	271.6	265.8	256.3	244.1
-67.5°	224.9	228.8	229.6	229.1	229.6	228.8	224.9	220.2	214.6	207.3	198.1
-70°	179.2	182.5	183.2	183.1	183.2	182.5	179.2	175.3	171.0	165.8	158.9
-72.5°	140.1	141.9	140.4	138.0	140.4	141.9	140.1	138.0	135.8	132.8	127.7
-75°	105.1	103.9	102.3	100.3	102.3	103.9	105.1	106.0	106.8	106.6	102.8
-77.5°	77.0	74.1	72.2	70.2	72.2	74.1	77.0	79.6	82.0	83.4	80.9
-80°	53.6	50.8	48.9	46.8	48.9	50.8	53.6	56.2	58.7	60.6	59.7
-82.5°	34.0	31.7	30.5	29.3	30.5	31.7	34.0	36.1	38.2	39.9	39.4
-85°	18.9	17.5	16.7	15.9	16.7	17.5	18.9	20.2	21.3	22.4	21.8
-87.5°	8.4	8.4	7.9	7.5	7.9	8.4	8.4	8.3	8.3	8.3	8.0
-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: P626600 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA1B-727-U-VWR-VSR-XX

CANDELA DISTRIBUTION (continued):

	20°	22.5°	25°	27.5°	30°	32.5°	35°	37.5°	40°	42.5°	45°
90°	4.6	4.4	4.2	4.0	3.8	3.5	3.3	3.1	2.9	2.7	2.5
87.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
85°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
82.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
80°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
77.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
75°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
72.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
70°	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.1	0.0	0.0	0.1
67.5°	0.0	0.0	0.1	0.3	0.4	0.4	0.4	0.4	0.5	0.4	0.4
65°	0.5	0.3	0.2	0.4	0.6	0.8	0.8	0.7	0.7	0.8	1.0
62.5°	1.7	1.8	1.5	1.3	1.1	1.2	1.3	1.4	1.2	1.0	1.3
60°	5.0	3.1	4.5	4.8	3.8	3.3	4.9	4.7	2.4	2.1	1.9
57.5°	24.3	20.3	22.3	20.3	13.9	12.1	12.5	12.0	10.8	6.6	2.8
55°	83.6	71.7	56.3	48.6	46.9	35.9	26.7	22.3	20.2	14.6	9.7
52.5°	106.2	98.7	87.1	71.1	62.6	59.4	50.7	40.6	32.2	25.8	18.5
50°	133.1	135.2	123.2	101.0	92.3	82.8	74.4	62.7	52.1	41.8	30.9
47.5°	217.2	202.4	190.4	173.9	142.4	122.3	109.2	90.0	75.5	63.0	49.5
45°	289.7	272.6	260.9	235.3	201.9	170.8	150.1	126.0	100.4	83.7	71.4
42.5°	341.1	319.1	299.9	278.9	247.0	212.0	183.6	159.7	132.8	105.7	89.4
40°	391.4	356.5	337.5	318.7	288.6	249.4	227.2	192.2	164.0	134.0	111.8
37.5°	466.5	407.1	400.4	382.3	348.3	307.4	282.5	248.0	195.8	167.5	141.9
35°	593.4	532.2	496.8	479.1	435.0	382.9	341.9	309.7	257.9	202.1	172.6
32.5°	733.2	655.7	602.1	576.8	529.5	458.8	408.2	367.2	315.2	252.1	204.8
30°	812.1	741.4	676.8	633.7	587.7	526.9	468.8	411.0	354.5	302.3	239.6
27.5°	885.5	797.5	727.8	679.1	636.0	577.6	513.3	451.3	389.3	337.7	281.8
25°	955.5	857.9	782.0	724.8	674.7	628.5	555.8	488.0	423.4	366.3	322.6
22.5°	1020.7	930.1	842.6	767.8	725.4	675.8	604.2	522.0	458.8	410.9	359.4
20°	1128.1	1026.7	915.9	851.2	811.7	735.1	654.1	572.8	514.8	459.9	399.3
17.5°	1305.1	1178.5	1046.1	976.8	920.9	826.9	723.7	643.1	570.6	509.4	442.8
15°	1498.9	1336.0	1204.8	1115.2	1026.6	916.5	797.1	710.0	627.6	558.8	482.7
12.5°	1594.6	1439.5	1323.5	1197.2	1083.0	983.2	870.2	774.2	680.7	591.0	507.4
10°	1651.8	1497.6	1366.4	1240.4	1125.9	1029.9	924.9	811.1	707.3	612.4	528.0
7.5°	1696.2	1537.4	1397.6	1272.2	1156.1	1054.9	954.4	835.1	728.5	629.6	544.6
5°	1727.0	1568.4	1426.6	1299.8	1177.7	1072.8	976.3	853.3	744.3	642.7	557.1
2.5°	1758.7	1592.5	1444.8	1317.7	1191.4	1084.2	989.6	867.2	757.2	652.4	567.6
0°	1771.1	1606.3	1457.5	1327.0	1199.1	1088.7	993.4	876.3	766.0	658.1	574.5
-2.5°	1779.0	1610.8	1462.4	1333.2	1209.3	1095.9	997.7	886.6	768.8	664.2	576.4
-5°	1766.9	1605.5	1458.3	1328.1	1209.5	1096.4	994.7	888.1	768.1	665.8	574.9
-7.5°	1752.1	1591.4	1442.4	1314.7	1200.8	1088.9	985.7	881.5	765.4	663.1	572.1
-10°	1727.1	1568.8	1427.0	1300.8	1185.4	1072.8	972.6	868.9	756.8	655.6	565.4
-12.5°	1693.7	1540.3	1400.3	1275.5	1164.8	1056.2	958.1	851.4	742.3	642.9	554.9
-15°	1649.5	1503.0	1367.1	1245.5	1138.5	1034.7	936.6	832.1	728.0	627.4	540.5
-17.5°	1601.1	1453.7	1320.0	1205.4	1103.9	1005.5	909.3	811.9	711.7	612.8	527.5
-20°	1546.3	1401.5	1269.0	1158.0	1062.1	968.9	880.0	789.2	688.9	595.9	513.9



REPORT NUMBER: P626600 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA1B-727-U-VWR-VSR-XX

CANDELA DISTRIBUTION (continued):

	20°	22.5°	25°	27.5°	30°	32.5°	35°	37.5°	40°	42.5°	45°
-22.5°	1467.4	1339.5	1218.0	1109.1	1017.4	932.1	846.5	758.8	659.4	574.9	495.3
-25°	1389.3	1270.4	1161.2	1061.1	972.6	891.6	808.3	721.3	633.2	550.1	472.6
-27.5°	1312.9	1202.8	1094.0	1004.0	924.6	845.4	767.1	684.9	603.7	522.3	451.3
-30°	1230.4	1127.4	1029.4	944.9	869.7	796.4	726.0	649.2	569.4	492.2	428.3
-32.5°	1139.9	1049.5	963.1	883.6	813.2	748.3	681.5	608.7	529.8	464.0	401.7
-35°	1052.0	968.5	893.9	823.8	759.9	700.6	635.9	563.0	493.7	432.0	371.6
-37.5°	973.3	892.0	823.0	762.5	709.2	652.9	588.4	523.7	458.6	396.3	343.6
-40°	891.9	816.1	754.7	705.6	654.6	603.9	547.1	487.0	422.7	361.9	316.2
-42.5°	813.0	751.9	691.4	642.2	596.5	554.9	507.0	446.3	387.3	334.4	290.5
-45°	735.8	680.2	625.0	580.1	542.1	503.2	460.4	405.2	352.1	306.7	265.3
-47.5°	656.4	609.6	563.5	521.9	487.9	450.1	408.7	361.9	318.5	277.6	240.9
-50°	580.2	542.2	505.0	468.9	434.5	397.5	360.6	322.8	284.0	248.4	215.2
-52.5°	508.4	477.0	445.5	413.9	383.8	351.6	317.5	283.9	249.8	220.0	190.3
-55°	440.9	414.0	389.0	363.7	338.3	309.2	278.5	248.3	221.0	193.7	169.4
-57.5°	381.2	357.5	337.7	317.0	295.5	269.8	243.5	217.9	195.3	172.7	150.2
-60°	328.4	307.8	290.7	272.7	253.7	232.1	211.3	191.0	171.5	153.0	133.7
-62.5°	278.5	261.9	246.5	231.3	215.8	199.5	181.6	165.3	150.2	134.6	117.2
-65°	231.4	218.3	205.4	193.1	180.4	167.3	153.1	140.1	127.8	115.2	100.1
-67.5°	188.3	178.1	167.7	157.3	147.4	137.0	126.3	115.5	105.4	95.1	82.9
-70°	151.6	143.9	135.8	127.2	119.0	110.8	102.5	93.8	84.6	76.1	67.8
-72.5°	122.4	116.9	110.8	103.8	96.4	89.4	82.6	75.8	68.8	61.6	54.3
-75°	98.9	94.8	90.2	84.4	78.4	72.3	66.6	60.8	54.4	47.4	40.6
-77.5°	78.3	75.8	73.0	68.3	63.6	58.9	53.8	47.4	40.9	34.5	28.9
-80°	58.7	57.5	55.8	51.8	47.7	43.7	39.5	33.9	28.4	23.2	19.0
-82.5°	38.7	37.9	36.8	34.1	31.5	28.9	26.2	22.3	18.6	15.1	12.1
-85°	21.2	20.5	19.7	18.5	17.2	15.9	14.6	12.5	10.5	8.6	7.0
-87.5°	7.7	7.5	7.2	6.9	6.6	6.4	6.1	5.5	4.8	4.3	3.7
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



REPORT NUMBER: P626600 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA1B-727-U-VWR-VSR-XX

CANDELA DISTRIBUTION (continued):

	47.5°	50°	52.5°	55°	57.5°	60°	62.5°	65°	67.5°	70°	72.5°
90°	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.3	2.1	1.9
87.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.3	0.4
85°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.2
82.5°	0.0	0.0	0.0	0.0	0.1	0.2	0.2	0.2	0.1	0.0	0.1
80°	0.0	0.0	0.0	0.0	0.2	0.4	0.5	0.5	0.4	0.3	0.2
77.5°	0.0	0.0	0.0	0.0	0.1	0.2	0.5	0.7	0.7	0.6	0.4
75°	0.0	0.0	0.0	0.0	0.1	0.0	0.2	0.4	0.7	0.8	0.6
72.5°	0.0	0.0	0.0	0.1	0.2	0.2	0.1	0.1	0.5	0.7	0.8
70°	0.1	0.0	0.0	0.1	0.3	0.5	0.5	0.4	0.3	0.6	0.8
67.5°	0.4	0.4	0.3	0.2	0.4	0.6	0.7	0.7	0.6	0.5	0.7
65°	1.0	0.9	0.8	0.7	0.6	0.6	0.8	1.0	1.0	0.8	0.7
62.5°	1.5	1.5	1.3	1.2	1.1	0.9	0.8	1.1	1.3	1.1	0.9
60°	1.9	2.0	1.9	1.7	1.5	1.4	1.2	1.3	1.4	1.4	1.2
57.5°	2.6	2.5	2.5	2.3	2.0	1.8	1.7	1.6	1.7	1.7	1.5
55°	4.6	3.2	3.2	3.0	2.6	2.2	2.1	2.0	1.9	1.9	1.7
52.5°	11.6	6.4	4.1	3.8	3.3	2.7	2.5	2.4	2.3	2.2	2.0
50°	21.5	13.9	7.9	4.9	4.2	3.6	3.0	2.8	2.6	2.5	2.2
47.5°	34.3	23.9	15.5	7.8	5.4	4.5	3.7	3.2	3.0	2.8	2.4
45°	52.9	35.2	24.4	15.4	7.2	6.2	4.6	3.6	3.3	3.1	2.6
42.5°	73.6	51.6	34.2	23.3	13.8	8.6	5.5	4.4	3.7	3.4	2.9
40°	93.9	71.3	46.0	32.1	20.8	11.5	7.9	5.2	4.1	3.7	3.1
37.5°	116.3	92.2	64.4	41.5	28.0	17.5	10.9	6.1	4.6	4.1	3.4
35°	144.1	115.3	82.8	55.3	37.1	23.1	14.1	7.7	5.7	4.4	3.7
32.5°	171.9	138.4	102.8	71.3	46.6	28.3	18.4	11.0	6.9	4.8	4.1
30°	199.8	159.6	121.5	86.2	57.5	36.6	22.9	14.2	8.3	5.2	4.4
27.5°	224.9	179.6	139.1	101.7	70.3	45.3	27.7	17.3	9.9	5.9	4.7
25°	253.2	201.1	156.4	116.5	82.0	54.4	32.6	20.4	12.2	7.1	5.0
22.5°	289.8	223.3	172.4	129.9	93.7	63.2	39.0	24.4	14.7	8.4	5.4
20°	326.1	245.0	188.1	146.8	106.3	73.0	46.3	28.4	17.1	9.7	5.7
17.5°	361.7	272.7	210.9	164.0	119.8	82.2	53.1	32.3	19.3	11.1	6.0
15°	393.7	304.5	233.4	180.3	133.0	90.7	59.4	36.2	21.4	12.5	6.5
12.5°	420.5	331.9	254.5	195.5	145.7	98.5	65.2	39.8	23.4	14.0	7.0
10°	442.7	355.1	274.1	209.5	157.8	105.5	70.4	43.5	25.6	15.6	7.6
7.5°	460.4	374.2	291.9	222.3	168.7	112.0	76.0	47.4	27.8	17.1	8.3
5°	473.8	389.2	305.7	231.5	177.4	118.0	81.1	50.9	29.9	18.5	8.9
2.5°	482.4	400.2	315.9	238.7	184.4	123.0	85.7	54.1	31.7	19.8	9.5
0°	487.5	408.1	323.6	244.2	189.8	127.1	89.5	56.9	33.4	20.9	10.0
-2.5°	492.1	413.3	330.3	253.8	193.5	133.8	91.9	59.4	36.0	21.7	11.0
-5°	493.6	415.5	334.8	261.2	195.7	139.3	93.7	61.4	38.4	22.4	12.0
-7.5°	491.0	414.2	336.3	265.4	196.8	143.1	94.6	63.0	40.3	22.9	12.8
-10°	485.4	409.7	334.3	264.2	198.2	144.3	95.2	64.2	41.6	23.3	13.5
-12.5°	477.0	402.9	329.9	261.3	198.0	143.5	96.8	65.1	42.3	23.6	14.0
-15°	466.0	394.0	323.2	257.2	195.6	141.8	97.2	65.4	42.3	24.0	14.3
-17.5°	453.1	383.3	314.2	251.9	191.0	139.2	96.3	65.0	41.9	24.8	14.6
-20°	440.1	371.3	303.5	245.7	184.0	135.8	94.1	63.8	41.1	25.2	14.9

Classified

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

Scaled Data Report



REPORT NUMBER: P626600 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA1B-727-U-VWR-VSR-XX

CANDELA DISTRIBUTION (continued):

	47.5°	50°	52.5°	55°	57.5°	60°	62.5°	65°	67.5°	70°	72.5°
-22.5°	424.9	357.6	294.3	237.0	176.4	131.8	90.4	61.8	40.0	25.4	15.0
-25°	407.5	341.6	283.1	225.0	170.4	127.2	86.7	58.9	38.6	25.4	15.0
-27.5°	387.8	324.6	270.1	211.9	164.3	120.7	83.1	56.8	37.3	25.0	14.8
-30°	365.8	308.4	254.4	199.3	156.7	113.8	78.4	54.4	36.8	24.5	14.4
-32.5°	342.1	290.3	237.6	189.7	148.1	106.6	74.2	51.7	35.9	23.9	14.4
-35°	319.8	270.6	220.5	178.7	138.9	102.3	71.5	48.7	34.6	23.1	14.5
-37.5°	296.0	249.9	207.0	167.1	129.3	97.4	69.2	47.4	32.9	22.1	14.4
-40°	273.1	230.3	191.3	156.1	122.2	91.9	65.7	45.9	31.3	20.8	14.2
-42.5°	249.9	211.9	176.2	144.1	115.4	86.5	61.1	43.6	30.0	20.0	13.9
-45°	228.5	192.9	160.2	133.6	108.0	79.7	57.6	40.7	28.4	19.5	13.6
-47.5°	206.1	173.5	145.6	122.2	98.2	72.2	53.2	38.5	26.5	18.8	13.4
-50°	183.0	155.1	131.9	109.6	86.3	66.0	48.5	35.8	25.8	18.2	13.0
-52.5°	162.7	139.0	118.0	96.7	77.3	58.8	44.9	32.9	24.9	17.7	12.6
-55°	145.2	123.7	104.2	86.1	68.7	53.4	40.8	31.6	23.8	17.1	12.0
-57.5°	129.8	109.5	92.9	76.7	61.5	48.3	38.0	29.9	22.6	16.3	11.5
-60°	114.8	98.1	82.7	68.2	54.8	43.8	35.8	28.1	21.2	15.3	10.9
-62.5°	101.0	86.3	72.9	59.7	48.8	40.3	33.2	25.9	19.5	14.1	10.2
-65°	86.5	73.9	62.6	52.2	43.4	36.0	29.9	23.4	17.3	12.5	9.2
-67.5°	71.3	62.1	53.3	44.7	37.4	31.3	26.1	20.1	14.7	10.8	8.1
-70°	59.4	51.3	43.8	37.0	31.2	26.1	21.4	16.3	11.9	9.2	6.9
-72.5°	47.3	40.7	34.5	29.1	25.0	20.7	16.4	12.5	9.9	7.6	5.6
-75°	35.0	30.5	26.5	22.8	19.0	15.3	12.5	9.9	7.8	5.9	4.8
-77.5°	25.4	22.2	19.2	16.9	14.3	11.8	9.4	7.3	5.9	4.9	4.0
-80°	17.3	15.6	13.9	12.3	10.2	8.2	6.8	5.6	4.7	3.9	3.2
-82.5°	10.9	10.0	9.1	8.3	7.1	6.0	5.0	4.2	3.5	3.0	2.6
-85°	6.5	6.0	5.5	5.0	4.3	3.7	3.4	3.2	2.9	2.6	2.4
-87.5°	3.6	3.6	3.5	3.5	3.3	3.1	3.0	2.8	2.6	2.4	2.1
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.2	0.4	0.6

Classified

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Scaled Data Report



REPORT NUMBER: P626600 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA1B-727-U-VWR-VSR-XX

CANDELA DISTRIBUTION (continued):

	75°	77.5°	80°	82.5°	85°	87.5°	90°
90°	1.7	1.5	1.3	1.0	0.8	0.8	0.8
87.5°	0.6	0.7	0.7	0.8	0.8	0.8	0.8
85°	0.4	0.5	0.7	0.7	0.8	0.8	0.8
82.5°	0.2	0.4	0.6	0.7	0.8	0.8	0.8
80°	0.0	0.3	0.5	0.7	0.8	0.8	0.8
77.5°	0.2	0.3	0.5	0.7	0.8	0.8	0.8
75°	0.4	0.4	0.4	0.7	0.8	0.8	0.8
72.5°	0.6	0.5	0.5	0.6	0.8	0.8	0.8
70°	0.8	0.6	0.6	0.6	0.8	0.8	0.8
67.5°	0.8	0.7	0.6	0.7	0.8	0.8	0.8
65°	0.9	0.8	0.7	0.7	0.8	0.8	0.8
62.5°	0.9	0.9	0.8	0.7	0.8	0.8	0.8
60°	1.0	1.0	0.8	0.7	0.8	0.8	0.8
57.5°	1.2	1.1	0.9	0.8	0.8	0.8	0.8
55°	1.4	1.2	1.0	0.8	0.8	0.8	0.8
52.5°	1.6	1.3	1.1	0.8	0.8	0.8	0.8
50°	1.8	1.5	1.2	0.8	0.9	0.8	0.8
47.5°	2.0	1.6	1.3	0.8	0.9	0.8	0.8
45°	2.2	1.8	1.4	0.9	0.9	0.8	0.8
42.5°	2.4	1.9	1.5	1.0	0.9	0.8	0.8
40°	2.6	2.1	1.6	1.1	1.0	0.8	0.8
37.5°	2.8	2.2	1.7	1.2	1.0	0.8	0.8
35°	2.9	2.4	1.8	1.3	1.0	0.8	0.8
32.5°	3.1	2.5	2.0	1.4	1.1	0.8	0.8
30°	3.4	2.7	2.1	1.5	1.1	0.8	0.8
27.5°	3.6	2.8	2.2	1.6	1.2	0.8	0.8
25°	3.9	2.9	2.3	1.7	1.2	0.8	0.8
22.5°	4.1	3.0	2.4	1.8	1.3	0.8	0.8
20°	4.3	3.2	2.6	1.9	1.3	0.8	0.8
17.5°	4.6	3.3	2.7	2.0	1.4	0.8	0.8
15°	4.8	3.5	2.8	2.1	1.4	0.8	0.8
12.5°	5.1	3.6	2.9	2.2	1.5	0.8	0.8
10°	5.3	3.7	3.0	2.3	1.5	0.8	0.8
7.5°	5.5	3.9	3.1	2.3	1.6	0.8	0.8
5°	5.6	4.0	3.1	2.4	1.6	0.8	0.8
2.5°	5.8	4.1	3.2	2.4	1.7	0.8	0.8
0°	5.9	4.2	3.3	2.5	1.7	0.8	0.8
-2.5°	6.2	4.3	3.4	2.5	1.7	0.8	0.8
-5°	6.5	4.4	3.4	2.5	1.7	0.8	0.8
-7.5°	6.8	4.4	3.5	2.5	1.7	0.8	0.8
-10°	7.0	4.5	3.5	2.5	1.7	0.8	0.8
-12.5°	7.1	4.5	3.6	2.4	1.7	0.8	0.8
-15°	7.2	4.6	3.6	2.4	1.6	0.8	0.8
-17.5°	7.3	4.6	3.6	2.4	1.6	0.8	0.8
-20°	7.5	4.6	3.6	2.4	1.6	0.8	0.8

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CATALOG NUMBER: GFLD-SA1B-727-U-VWR-VSR-XX

CANDELA DISTRIBUTION (continued):

	75°	77.5°	80°	82.5°	85°	87.5°	90°
-22.5°	7.9	4.7	3.5	2.3	1.6	0.8	0.8
-25°	8.3	5.0	3.5	2.3	1.5	0.8	0.8
-27.5°	8.6	5.4	3.4	2.2	1.5	0.8	0.8
-30°	8.8	5.7	3.3	2.2	1.5	0.8	0.8
-32.5°	8.9	6.0	3.4	2.1	1.4	0.8	0.8
-35°	9.2	6.2	3.5	2.1	1.4	0.8	0.8
-37.5°	9.4	6.3	3.6	2.0	1.3	0.8	0.8
-40°	9.6	6.4	3.6	1.9	1.3	0.8	0.8
-42.5°	9.6	6.4	3.6	1.9	1.2	0.8	0.8
-45°	9.6	6.3	3.6	1.9	1.2	0.8	0.8
-47.5°	9.4	6.2	3.6	1.9	1.1	0.8	0.8
-50°	9.2	6.1	3.6	1.9	1.1	0.8	0.8
-52.5°	9.0	5.9	3.5	1.8	1.0	0.8	0.8
-55°	8.6	5.7	3.3	1.8	0.9	0.8	0.8
-57.5°	8.3	5.4	3.1	1.7	0.9	0.8	0.8
-60°	7.8	5.0	2.9	1.6	0.8	0.8	0.8
-62.5°	7.2	4.6	2.7	1.5	0.8	0.8	0.8
-65°	6.5	4.1	2.6	1.4	0.8	0.8	0.8
-67.5°	5.7	3.7	2.4	1.3	0.8	0.8	0.8
-70°	4.8	3.3	2.1	1.2	0.8	0.8	0.8
-72.5°	4.3	3.0	1.9	1.1	0.8	0.8	0.8
-75°	3.7	2.6	1.6	1.1	0.8	0.8	0.8
-77.5°	3.1	2.2	1.6	1.1	0.8	0.8	0.8
-80°	2.5	2.0	1.5	1.1	0.8	0.8	0.8
-82.5°	2.3	1.8	1.4	1.1	0.8	0.8	0.8
-85°	2.1	1.7	1.4	1.1	0.8	0.8	0.8
-87.5°	1.9	1.6	1.3	1.1	0.8	0.8	0.8
-90°	0.8	0.8	0.8	0.8	0.8	0.8	0.8

(END OF REPORT)