

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



Scaled data based on original data using
LM-79-2019 Approved Method: Electrical and Photometric Measurements of Solid-
State Lighting Products

Test Report Prepared for

Cooper Lighting Solutions

Brand: McGRAW-EDISON

Report Number: P645300 (CONVERTED FROM TYPE C PHOTOMETRY)

Luminaire Tested: GFLD-SA1A-730-U-LAM-XX

Issue Date: 2/28/2023

Test Information

Test Method: LM-79-2019
Report Number: P645300 (CONVERTED FROM TYPE C PHOTOMETRY)
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G2-2210-813-21)
Test Lab: COOPER LIGHTING SOLUTIONS
Issue Date: 5/4/2023
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: MCGRAW-EDISON
Catalog Number: GFLD-SA1A-730-U-LAM-XX
Description: GALLEON FLOOD, ONE LIGHT SQUARE, LAMBERTIAN
Light Source: (16) 3000K CCT, 70 CRI LEDS
Ballast/Driver: -

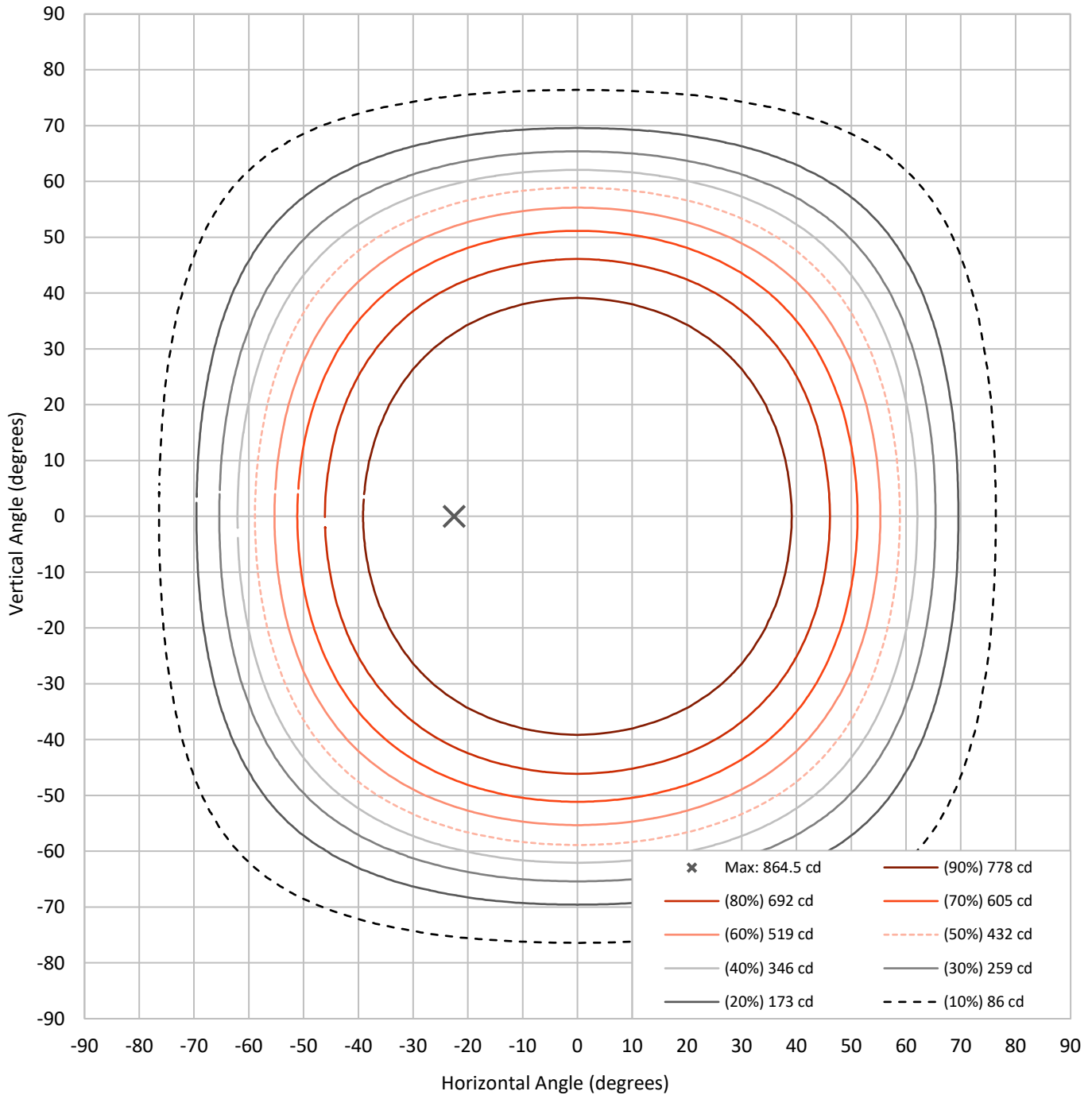
Summary

Lumens per Lamp:	N/A	NEMA Type:	7H x 7V
Luminaire Lumens:	2644.6 lumens	Max Intensity:	864.5 candela
Efficiency:	N/A	Max Intensity Angle:	-22.5°H x 0°V
Efficacy:	146.1 lumens/watt		
Luminous Opening:	Rectangular (W 0.5' x L: 0.5' x H: 0')		
Beam Angle (50%):	117.8°H x 112°V	Field Angle (10%):	152.8°H x 150.5°V
Beam Lumens:	2200.9 lumens	Field Lumens:	2592.6 lumens
Beam Efficiency:	83.2%	Field Efficiency:	98.0%
Input Watts (W):	18.1		
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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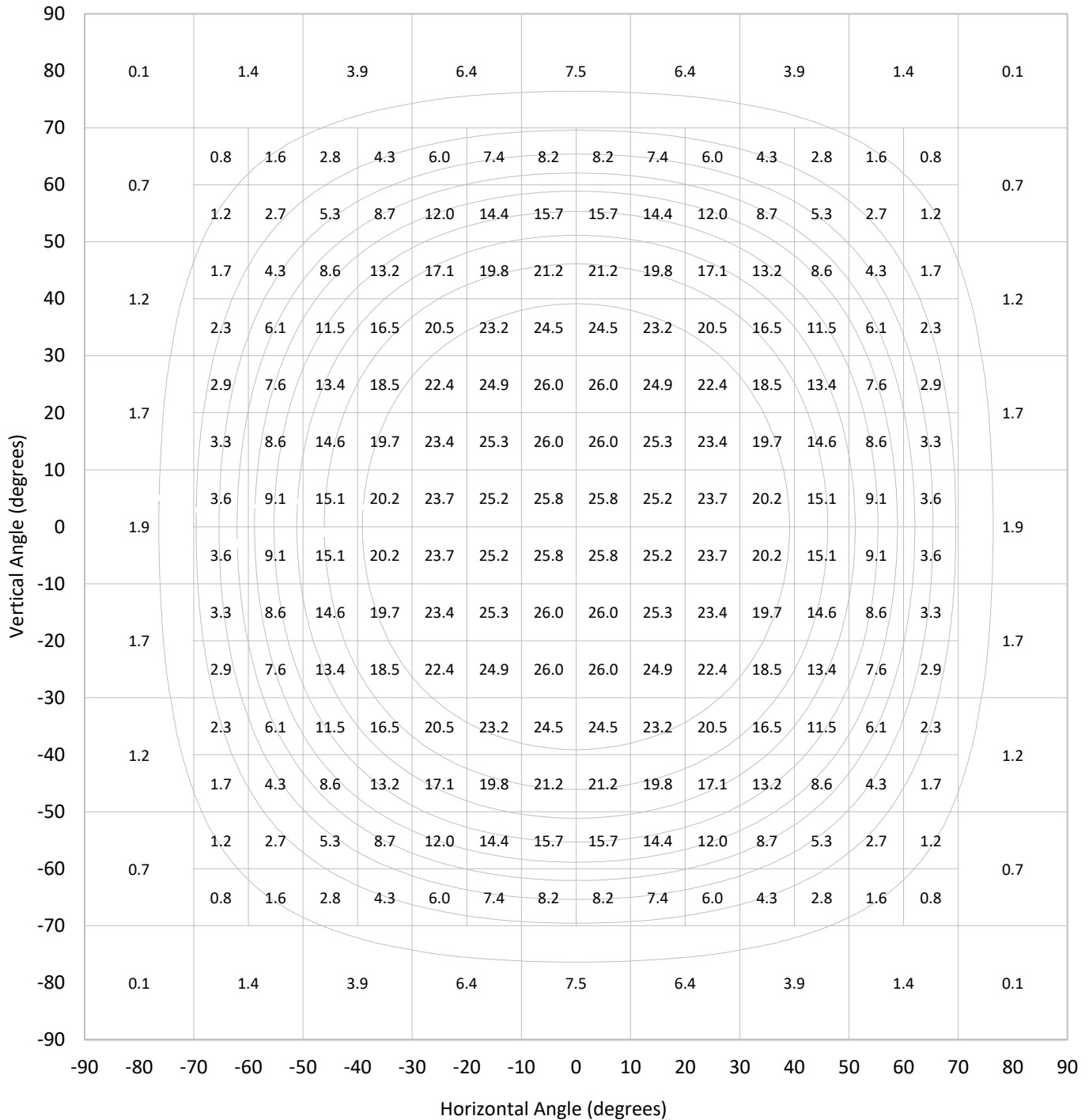
Iso-Candela Plot





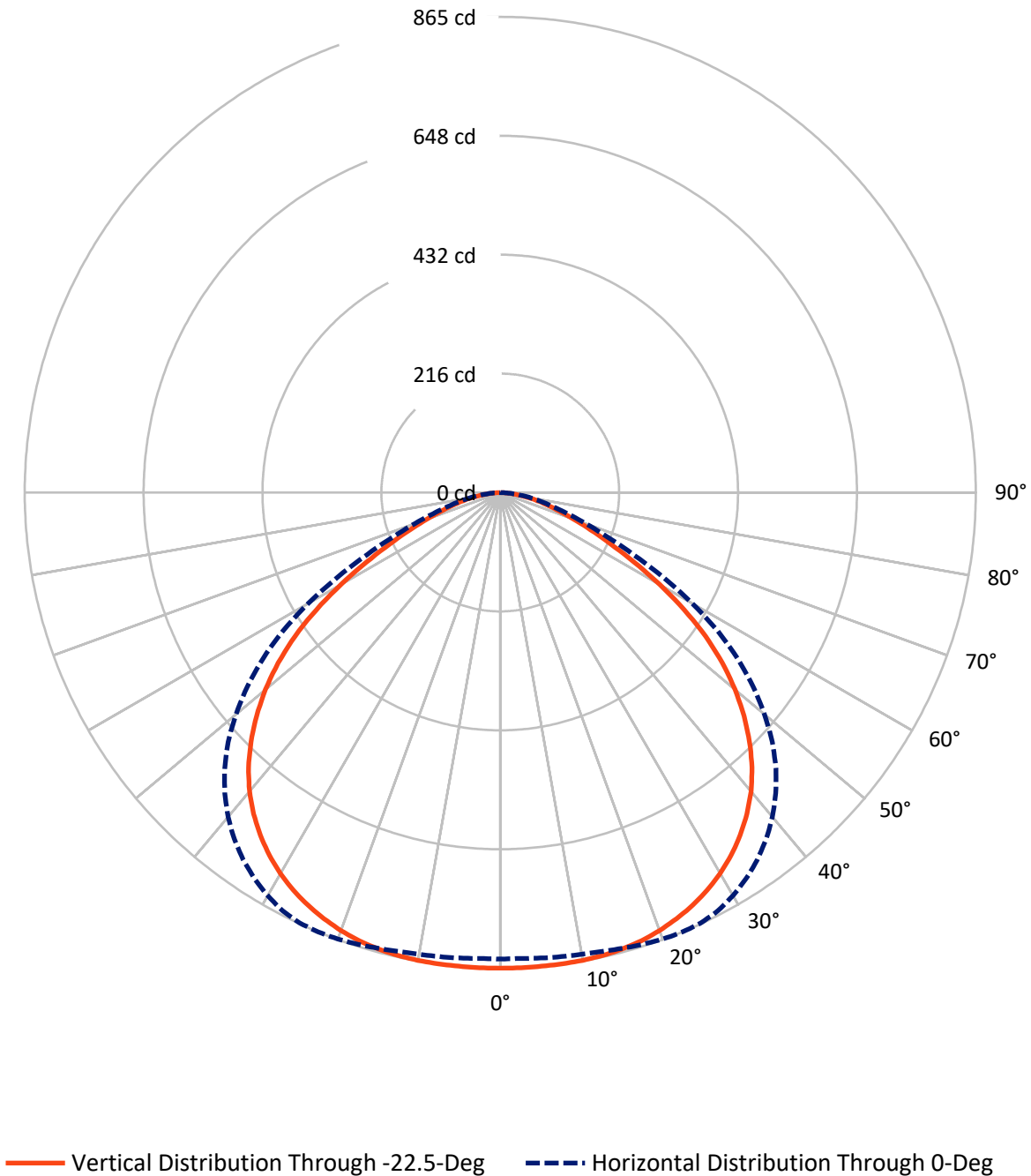
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Lumen Table



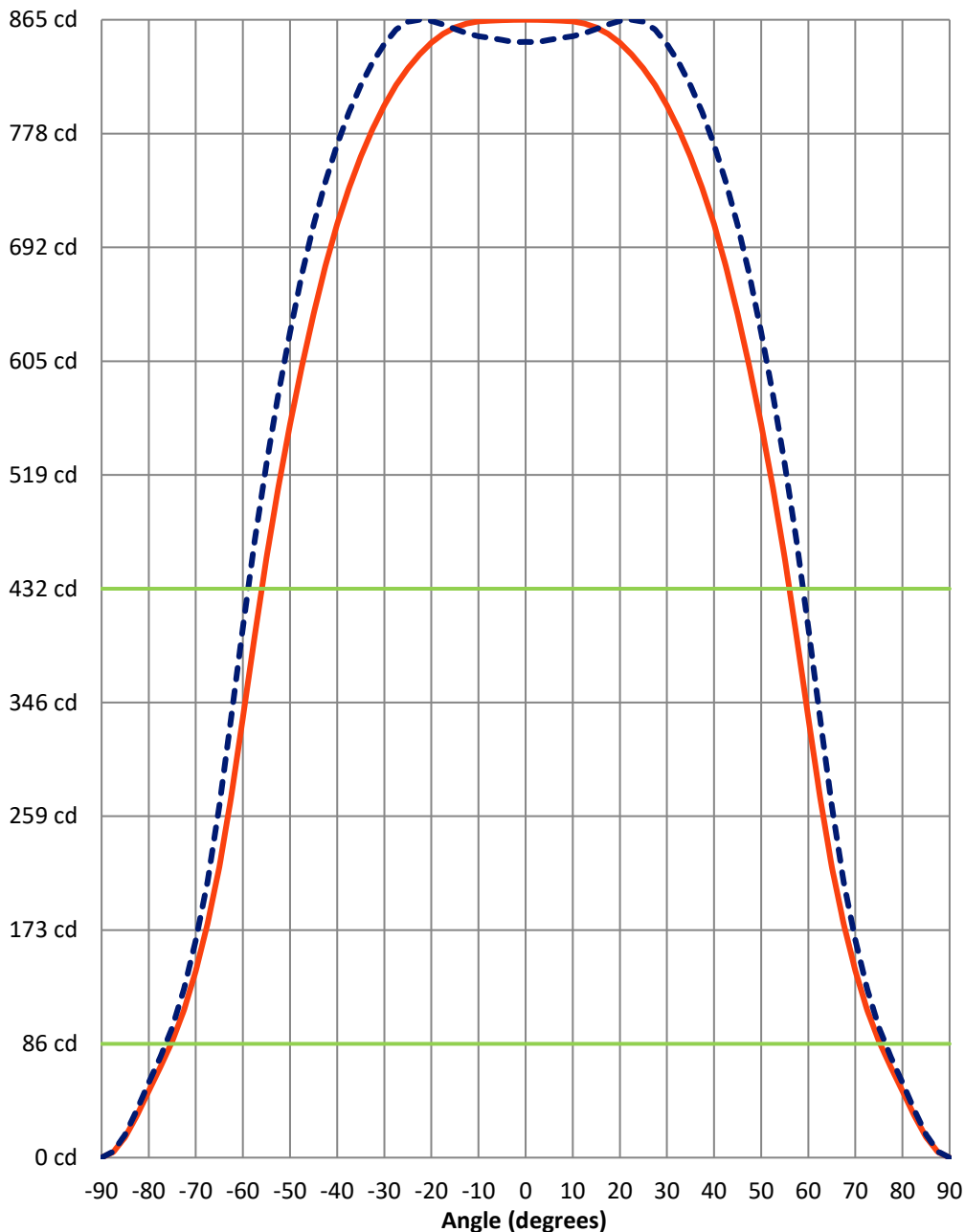
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Luminous Intensity Polar Plot



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Luminous Intensity Plot



Beam:
 H Angle: 117.8°
 V Angle: 112°
 Lumens: 2200.9
 Efficiency: 83.2%

Field:
 H Angle: 152.8°
 V Angle: 150.5°
 Lumens: 2592.6
 Efficiency: 98.0%

Spill:
 Lumens: 52
 Efficiency: 2.0%

— Vertical Distribution through -22.5-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	0.2	0.4	0.6	0.8	1.0	1.2	1.4	1.6	1.8	2.0
85°	0.0	0.4	0.8	1.2	1.6	2.0	2.4	2.8	3.2	3.6	4.0
82.5°	0.0	0.6	1.2	1.8	2.4	3.0	3.6	4.2	5.0	6.6	8.1
80°	0.0	0.8	1.6	2.4	3.2	4.0	5.1	7.2	9.4	11.5	13.5
77.5°	0.0	1.0	2.0	3.0	4.0	5.7	8.4	11.1	13.7	16.3	19.5
75°	0.0	1.2	2.4	3.6	5.1	8.4	11.6	14.8	18.2	22.7	27.2
72.5°	0.0	1.4	2.8	4.2	7.2	11.1	14.8	19.0	24.4	29.6	34.8
70°	0.0	1.6	3.2	5.0	9.4	13.7	18.2	24.4	30.4	36.5	43.0
67.5°	0.0	1.8	3.6	6.6	11.5	16.3	22.7	29.6	36.5	43.9	51.2
65°	0.0	2.0	4.0	8.1	13.5	19.5	27.2	34.8	43.0	51.2	59.2
62.5°	0.0	2.2	4.3	9.6	15.5	23.1	31.5	40.3	49.4	58.3	66.8
60°	0.0	2.3	4.7	11.1	17.5	26.7	35.8	45.8	55.6	65.0	74.2
57.5°	0.0	2.5	5.6	12.6	20.2	30.2	40.4	51.1	61.5	71.6	82.2
55°	0.0	2.7	6.6	14.0	23.0	33.5	44.8	56.3	67.2	78.2	90.2
52.5°	0.0	2.9	7.5	15.3	25.6	36.9	49.2	61.2	72.8	85.3	98.1
50°	0.0	3.0	8.4	16.6	28.1	40.4	53.4	65.9	78.4	92.1	107.9
47.5°	0.0	3.2	9.2	18.0	30.6	43.8	57.5	70.5	84.3	98.8	117.6
45°	0.0	3.3	10.0	19.8	33.0	47.0	61.2	74.8	89.9	107.1	127.0
42.5°	0.0	3.5	10.8	21.5	35.2	50.2	64.8	79.4	95.4	115.2	138.0
40°	0.0	3.6	11.6	23.1	37.5	53.1	68.2	83.9	101.1	123.0	148.9
37.5°	0.0	3.7	12.3	24.7	39.7	56.0	71.5	88.2	107.7	130.9	159.2
35°	0.0	3.8	12.9	26.1	41.9	58.6	74.6	92.3	113.8	139.7	169.8
32.5°	0.0	4.0	13.6	27.5	43.9	61.0	77.6	96.1	119.7	148.0	181.0
30°	0.0	4.1	14.1	28.7	45.8	63.2	80.6	100.0	125.1	155.7	191.4
27.5°	0.0	4.2	14.7	29.9	47.5	65.3	83.5	104.4	130.7	163.0	201.2
25°	0.0	4.3	15.2	31.0	49.1	67.2	86.1	108.5	136.6	170.5	210.3
22.5°	0.0	4.3	15.6	32.0	50.6	69.0	88.5	112.2	141.9	177.8	220.9
20°	0.0	4.4	16.0	32.9	51.9	70.6	90.7	115.5	146.8	184.5	230.5
17.5°	0.0	4.5	16.4	33.7	53.0	72.0	92.6	118.5	151.1	190.3	239.0
15°	0.0	4.5	16.7	34.4	54.1	73.2	94.2	121.1	154.8	195.4	246.4
12.5°	0.0	4.6	17.0	35.0	54.9	74.2	95.7	123.3	158.0	199.8	252.8
10°	0.0	4.6	17.2	35.4	55.6	75.1	96.8	125.1	160.6	203.4	258.0
7.5°	0.0	4.7	17.4	35.8	56.2	75.7	97.7	126.5	162.7	206.2	262.0
5°	0.0	4.7	17.5	36.1	56.6	76.2	98.4	127.5	164.1	208.2	265.0
2.5°	0.0	4.7	17.6	36.2	56.8	76.5	98.8	128.1	165.0	209.4	266.7
0°	0.0	4.7	17.6	36.3	56.9	76.6	98.9	128.3	165.3	209.8	267.3
-2.5°	0.0	4.7	17.6	36.2	56.8	76.5	98.8	128.1	165.0	209.4	266.7
-5°	0.0	4.7	17.5	36.1	56.6	76.2	98.4	127.5	164.1	208.2	265.0
-7.5°	0.0	4.7	17.4	35.8	56.2	75.7	97.7	126.5	162.7	206.2	262.0
-10°	0.0	4.6	17.2	35.4	55.6	75.1	96.8	125.1	160.6	203.4	258.0
-12.5°	0.0	4.6	17.0	35.0	54.9	74.2	95.7	123.3	158.0	199.8	252.8
-15°	0.0	4.5	16.7	34.4	54.1	73.2	94.2	121.1	154.8	195.4	246.4
-17.5°	0.0	4.5	16.4	33.7	53.0	72.0	92.6	118.5	151.1	190.3	239.0
-20°	0.0	4.4	16.0	32.9	51.9	70.6	90.7	115.5	146.8	184.5	230.5

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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	4.3	15.6	32.0	50.6	69.0	88.5	112.2	141.9	177.8	220.9
-25°	0.0	4.3	15.2	31.0	49.1	67.2	86.1	108.5	136.6	170.5	210.3
-27.5°	0.0	4.2	14.7	29.9	47.5	65.3	83.5	104.4	130.7	163.0	201.2
-30°	0.0	4.1	14.1	28.7	45.8	63.2	80.6	100.0	125.1	155.7	191.4
-32.5°	0.0	4.0	13.6	27.5	43.9	61.0	77.6	96.1	119.7	148.0	181.0
-35°	0.0	3.8	12.9	26.1	41.9	58.6	74.6	92.3	113.8	139.7	169.8
-37.5°	0.0	3.7	12.3	24.7	39.7	56.0	71.5	88.2	107.7	130.9	159.2
-40°	0.0	3.6	11.6	23.1	37.5	53.1	68.2	83.9	101.1	123.0	148.9
-42.5°	0.0	3.5	10.8	21.5	35.2	50.2	64.8	79.4	95.4	115.2	138.0
-45°	0.0	3.3	10.0	19.8	33.0	47.0	61.2	74.8	89.9	107.1	127.0
-47.5°	0.0	3.2	9.2	18.0	30.6	43.8	57.5	70.5	84.3	98.8	117.6
-50°	0.0	3.0	8.4	16.6	28.1	40.4	53.4	65.9	78.4	92.1	107.9
-52.5°	0.0	2.9	7.5	15.3	25.6	36.9	49.2	61.2	72.8	85.3	98.1
-55°	0.0	2.7	6.6	14.0	23.0	33.5	44.8	56.3	67.2	78.2	90.2
-57.5°	0.0	2.5	5.6	12.6	20.2	30.2	40.4	51.1	61.5	71.6	82.2
-60°	0.0	2.3	4.7	11.1	17.5	26.7	35.8	45.8	55.6	65.0	74.2
-62.5°	0.0	2.2	4.3	9.6	15.5	23.1	31.5	40.3	49.4	58.3	66.8
-65°	0.0	2.0	4.0	8.1	13.5	19.5	27.2	34.8	43.0	51.2	59.2
-67.5°	0.0	1.8	3.6	6.6	11.5	16.3	22.7	29.6	36.5	43.9	51.2
-70°	0.0	1.6	3.2	5.0	9.4	13.7	18.2	24.4	30.4	36.5	43.0
-72.5°	0.0	1.4	2.8	4.2	7.2	11.1	14.8	19.0	24.4	29.6	34.8
-75°	0.0	1.2	2.4	3.6	5.1	8.4	11.6	14.8	18.2	22.7	27.2
-77.5°	0.0	1.0	2.0	3.0	4.0	5.7	8.4	11.1	13.7	16.3	19.5
-80°	0.0	0.8	1.6	2.4	3.2	4.0	5.1	7.2	9.4	11.5	13.5
-82.5°	0.0	0.6	1.2	1.8	2.4	3.0	3.6	4.2	5.0	6.6	8.1
-85°	0.0	0.4	0.8	1.2	1.6	2.0	2.4	2.8	3.2	3.6	4.0
-87.5°	0.0	0.2	0.4	0.6	0.8	1.0	1.2	1.4	1.6	1.8	2.0
-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: P645300 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA1A-730-U-LAM-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°	2.2	2.3	2.5	2.7	2.9	3.0	3.2	3.3	3.5	3.6	3.7
85°	4.3	4.7	5.6	6.6	7.5	8.4	9.2	10.0	10.8	11.6	12.3
82.5°	9.6	11.1	12.6	14.0	15.3	16.6	18.0	19.8	21.5	23.1	24.7
80°	15.5	17.5	20.2	23.0	25.6	28.1	30.6	33.0	35.2	37.5	39.7
77.5°	23.1	26.7	30.2	33.5	36.9	40.4	43.8	47.0	50.2	53.1	56.0
75°	31.5	35.8	40.4	44.8	49.2	53.4	57.5	61.2	64.8	68.2	71.5
72.5°	40.3	45.8	51.1	56.3	61.2	65.9	70.5	74.8	79.4	83.9	88.2
70°	49.4	55.6	61.5	67.2	72.8	78.4	84.3	89.9	95.4	101.1	107.7
67.5°	58.3	65.0	71.6	78.2	85.3	92.1	98.8	107.1	115.2	123.0	130.9
65°	66.8	74.2	82.2	90.2	98.1	107.9	117.6	127.0	138.0	148.9	159.2
62.5°	75.1	84.2	93.2	103.1	114.5	125.5	138.3	151.3	163.9	178.0	191.8
60°	84.2	94.2	105.8	118.5	131.6	146.8	161.5	177.8	194.3	210.3	229.8
57.5°	93.2	105.8	119.8	135.0	151.9	168.9	188.2	206.8	229.1	251.3	273.5
55°	103.1	118.5	135.0	153.6	173.1	194.4	216.7	242.6	267.8	295.7	322.6
52.5°	114.5	131.6	151.9	173.1	196.5	222.1	250.9	280.6	311.9	342.3	372.1
50°	125.5	146.8	168.9	194.4	222.1	253.6	287.0	321.6	355.8	389.1	420.3
47.5°	138.3	161.5	188.2	216.7	250.9	287.0	324.9	362.6	399.4	433.7	466.4
45°	151.3	177.8	206.8	242.6	280.6	321.6	362.6	402.9	440.4	475.7	506.6
42.5°	163.9	194.3	229.1	267.8	311.9	355.8	399.4	440.4	478.8	512.7	543.8
40°	178.0	210.3	251.3	295.7	342.3	389.1	433.7	475.7	512.7	546.6	578.1
37.5°	191.8	229.8	273.5	322.6	372.1	420.3	466.4	506.6	543.8	578.1	608.2
35°	204.9	248.4	297.0	348.5	400.5	449.6	494.4	535.3	572.3	605.6	636.4
32.5°	219.4	266.0	319.3	373.5	426.4	476.4	520.8	560.9	597.6	631.4	662.0
30°	234.4	284.9	340.4	397.0	450.8	499.7	544.0	584.6	621.0	654.4	684.4
27.5°	248.4	302.8	360.6	418.2	473.0	521.4	565.2	605.1	641.8	675.4	704.5
25°	261.3	319.3	379.3	437.7	491.7	540.3	584.5	624.4	660.8	693.0	721.3
22.5°	274.0	334.4	396.4	455.6	508.9	557.1	600.9	640.9	677.4	709.3	736.4
20°	286.4	348.5	411.5	471.5	524.5	572.4	615.9	655.8	691.3	722.2	749.2
17.5°	297.4	361.1	424.7	484.2	537.3	585.5	629.1	669.2	703.8	733.8	760.2
15°	307.1	372.1	436.2	495.4	548.4	596.3	640.0	679.6	714.0	743.8	769.9
12.5°	315.3	381.4	446.1	505.0	557.8	605.6	649.3	688.3	722.1	751.5	777.2
10°	322.0	389.1	454.2	512.9	565.6	613.3	656.9	695.5	728.9	758.0	783.2
7.5°	327.3	395.1	460.6	519.0	571.7	619.3	663.0	701.2	734.3	763.1	787.9
5°	331.1	399.4	465.1	523.4	576.1	623.6	667.3	705.3	738.1	766.7	791.3
2.5°	333.3	402.0	467.9	526.1	578.7	626.2	669.9	707.8	740.4	769.0	793.4
0°	334.1	402.9	468.8	527.0	579.6	627.1	670.8	708.6	741.2	769.7	794.1
-2.5°	333.3	402.0	467.9	526.1	578.7	626.2	669.9	707.8	740.4	769.0	793.4
-5°	331.1	399.4	465.1	523.4	576.1	623.6	667.3	705.3	738.1	766.7	791.3
-7.5°	327.3	395.1	460.6	519.0	571.7	619.3	663.0	701.2	734.3	763.1	787.9
-10°	322.0	389.1	454.2	512.9	565.6	613.3	656.9	695.5	728.9	758.0	783.2
-12.5°	315.3	381.4	446.1	505.0	557.8	605.6	649.3	688.3	722.1	751.5	777.2
-15°	307.1	372.1	436.2	495.4	548.4	596.3	640.0	679.6	714.0	743.8	769.9
-17.5°	297.4	361.1	424.7	484.2	537.3	585.5	629.1	669.2	703.8	733.8	760.2
-20°	286.4	348.5	411.5	471.5	524.5	572.4	615.9	655.8	691.3	722.2	749.2

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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°	274.0	334.4	396.4	455.6	508.9	557.1	600.9	640.9	677.4	709.3	736.4
-25°	261.3	319.3	379.3	437.7	491.7	540.3	584.5	624.4	660.8	693.0	721.3
-27.5°	248.4	302.8	360.6	418.2	473.0	521.4	565.2	605.1	641.8	675.4	704.5
-30°	234.4	284.9	340.4	397.0	450.8	499.7	544.0	584.6	621.0	654.4	684.4
-32.5°	219.4	266.0	319.3	373.5	426.4	476.4	520.8	560.9	597.6	631.4	662.0
-35°	204.9	248.4	297.0	348.5	400.5	449.6	494.4	535.3	572.3	605.6	636.4
-37.5°	191.8	229.8	273.5	322.6	372.1	420.3	466.4	506.6	543.8	578.1	608.2
-40°	178.0	210.3	251.3	295.7	342.3	389.1	433.7	475.7	512.7	546.6	578.1
-42.5°	163.9	194.3	229.1	267.8	311.9	355.8	399.4	440.4	478.8	512.7	543.8
-45°	151.3	177.8	206.8	242.6	280.6	321.6	362.6	402.9	440.4	475.7	506.6
-47.5°	138.3	161.5	188.2	216.7	250.9	287.0	324.9	362.6	399.4	433.7	466.4
-50°	125.5	146.8	168.9	194.4	222.1	253.6	287.0	321.6	355.8	389.1	420.3
-52.5°	114.5	131.6	151.9	173.1	196.5	222.1	250.9	280.6	311.9	342.3	372.1
-55°	103.1	118.5	135.0	153.6	173.1	194.4	216.7	242.6	267.8	295.7	322.6
-57.5°	93.2	105.8	119.8	135.0	151.9	168.9	188.2	206.8	229.1	251.3	273.5
-60°	84.2	94.2	105.8	118.5	131.6	146.8	161.5	177.8	194.3	210.3	229.8
-62.5°	75.1	84.2	93.2	103.1	114.5	125.5	138.3	151.3	163.9	178.0	191.8
-65°	66.8	74.2	82.2	90.2	98.1	107.9	117.6	127.0	138.0	148.9	159.2
-67.5°	58.3	65.0	71.6	78.2	85.3	92.1	98.8	107.1	115.2	123.0	130.9
-70°	49.4	55.6	61.5	67.2	72.8	78.4	84.3	89.9	95.4	101.1	107.7
-72.5°	40.3	45.8	51.1	56.3	61.2	65.9	70.5	74.8	79.4	83.9	88.2
-75°	31.5	35.8	40.4	44.8	49.2	53.4	57.5	61.2	64.8	68.2	71.5
-77.5°	23.1	26.7	30.2	33.5	36.9	40.4	43.8	47.0	50.2	53.1	56.0
-80°	15.5	17.5	20.2	23.0	25.6	28.1	30.6	33.0	35.2	37.5	39.7
-82.5°	9.6	11.1	12.6	14.0	15.3	16.6	18.0	19.8	21.5	23.1	24.7
-85°	4.3	4.7	5.6	6.6	7.5	8.4	9.2	10.0	10.8	11.6	12.3
-87.5°	2.2	2.3	2.5	2.7	2.9	3.0	3.2	3.3	3.5	3.6	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: P645300 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA1A-730-U-LAM-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°	3.8	4.0	4.1	4.2	4.3	4.3	4.4	4.5	4.5	4.6	4.6
85°	12.9	13.6	14.1	14.7	15.2	15.6	16.0	16.4	16.7	17.0	17.2
82.5°	26.1	27.5	28.7	29.9	31.0	32.0	32.9	33.7	34.4	35.0	35.4
80°	41.9	43.9	45.8	47.5	49.1	50.6	51.9	53.0	54.1	54.9	55.6
77.5°	58.6	61.0	63.2	65.3	67.2	69.0	70.6	72.0	73.2	74.2	75.1
75°	74.6	77.6	80.6	83.5	86.1	88.5	90.7	92.6	94.2	95.7	96.8
72.5°	92.3	96.1	100.0	104.4	108.5	112.2	115.5	118.5	121.1	123.3	125.1
70°	113.8	119.7	125.1	130.7	136.6	141.9	146.8	151.1	154.8	158.0	160.6
67.5°	139.7	148.0	155.7	163.0	170.5	177.8	184.5	190.3	195.4	199.8	203.4
65°	169.8	181.0	191.4	201.2	210.3	220.9	230.5	239.0	246.4	252.8	258.0
62.5°	204.9	219.4	234.4	248.4	261.3	274.0	286.4	297.4	307.1	315.3	322.0
60°	248.4	266.0	284.9	302.8	319.3	334.4	348.5	361.1	372.1	381.4	389.1
57.5°	297.0	319.3	340.4	360.6	379.3	396.4	411.5	424.7	436.2	446.1	454.2
55°	348.5	373.5	397.0	418.2	437.7	455.6	471.5	484.2	495.4	505.0	512.9
52.5°	400.5	426.4	450.8	473.0	491.7	508.9	524.5	537.3	548.4	557.8	565.6
50°	449.6	476.4	499.7	521.4	540.3	557.1	572.4	585.5	596.3	605.6	613.3
47.5°	494.4	520.8	544.0	565.2	584.5	600.9	615.9	629.1	640.0	649.3	656.9
45°	535.3	560.9	584.6	605.1	624.4	640.9	655.8	669.2	679.6	688.3	695.5
42.5°	572.3	597.6	621.0	641.8	660.8	677.4	691.3	703.8	714.0	722.1	728.9
40°	605.6	631.4	654.4	675.4	693.0	709.3	722.2	733.8	743.8	751.5	758.0
37.5°	636.4	662.0	684.4	704.5	721.3	736.4	749.2	760.2	769.9	777.2	783.2
35°	664.6	688.9	711.0	729.5	746.2	760.4	772.9	783.1	792.2	799.1	804.6
32.5°	688.9	713.1	733.6	751.8	768.0	781.3	793.3	802.7	810.9	817.6	822.7
30°	711.0	733.6	753.6	771.6	786.4	799.3	810.2	819.4	826.9	833.3	837.7
27.5°	729.5	751.8	771.6	788.1	802.3	814.8	824.8	833.5	840.2	846.0	849.8
25°	746.2	768.0	786.4	802.3	816.2	827.5	837.0	844.9	850.8	855.8	858.7
22.5°	760.4	781.3	799.3	814.8	827.5	838.2	847.1	853.8	858.6	861.6	863.3
20°	772.9	793.3	810.2	824.8	837.0	847.1	854.8	859.8	863.1	863.9	864.4
17.5°	783.1	802.7	819.4	833.5	844.9	853.8	859.8	863.3	864.3	864.1	863.6
15°	792.2	810.9	826.9	840.2	850.8	858.6	863.1	864.3	864.0	863.0	861.4
12.5°	799.1	817.6	833.3	846.0	855.8	861.6	863.9	864.1	863.0	861.0	858.8
10°	804.6	822.7	837.7	849.8	858.7	863.3	864.4	863.6	861.4	858.8	856.4
7.5°	808.9	826.7	841.3	852.9	860.5	863.8	864.1	862.5	859.9	856.9	854.3
5°	812.1	829.6	843.9	855.2	861.9	864.2	863.8	861.6	858.6	855.5	853.1
2.5°	814.0	831.4	845.5	856.5	862.7	864.4	863.7	861.1	857.8	854.6	852.3
0°	814.6	832.0	846.0	857.0	863.0	864.5	863.6	860.9	857.5	854.3	852.0
-2.5°	814.0	831.4	845.5	856.5	862.7	864.4	863.7	861.1	857.8	854.6	852.3
-5°	812.1	829.6	843.9	855.2	861.9	864.2	863.8	861.6	858.6	855.5	853.1
-7.5°	808.9	826.7	841.3	852.9	860.5	863.8	864.1	862.5	859.9	856.9	854.3
-10°	804.6	822.7	837.7	849.8	858.7	863.3	864.4	863.6	861.4	858.8	856.4
-12.5°	799.1	817.6	833.3	846.0	855.8	861.6	863.9	864.1	863.0	861.0	858.8
-15°	792.2	810.9	826.9	840.2	850.8	858.6	863.1	864.3	864.0	863.0	861.4
-17.5°	783.1	802.7	819.4	833.5	844.9	853.8	859.8	863.3	864.3	864.1	863.6
-20°	772.9	793.3	810.2	824.8	837.0	847.1	854.8	859.8	863.1	863.9	864.4



REPORT NUMBER: P645300 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA1A-730-U-LAM-XX

CANDELA DISTRIBUTION (continued):

	-35°	-32.5°	-30°	-27.5°	-25°	-22.5°	-20°	-17.5°	-15°	-12.5°	-10°
-22.5°	760.4	781.3	799.3	814.8	827.5	838.2	847.1	853.8	858.6	861.6	863.3
-25°	746.2	768.0	786.4	802.3	816.2	827.5	837.0	844.9	850.8	855.8	858.7
-27.5°	729.5	751.8	771.6	788.1	802.3	814.8	824.8	833.5	840.2	846.0	849.8
-30°	711.0	733.6	753.6	771.6	786.4	799.3	810.2	819.4	826.9	833.3	837.7
-32.5°	688.9	713.1	733.6	751.8	768.0	781.3	793.3	802.7	810.9	817.6	822.7
-35°	664.6	688.9	711.0	729.5	746.2	760.4	772.9	783.1	792.2	799.1	804.6
-37.5°	636.4	662.0	684.4	704.5	721.3	736.4	749.2	760.2	769.9	777.2	783.2
-40°	605.6	631.4	654.4	675.4	693.0	709.3	722.2	733.8	743.8	751.5	758.0
-42.5°	572.3	597.6	621.0	641.8	660.8	677.4	691.3	703.8	714.0	722.1	728.9
-45°	535.3	560.9	584.6	605.1	624.4	640.9	655.8	669.2	679.6	688.3	695.5
-47.5°	494.4	520.8	544.0	565.2	584.5	600.9	615.9	629.1	640.0	649.3	656.9
-50°	449.6	476.4	499.7	521.4	540.3	557.1	572.4	585.5	596.3	605.6	613.3
-52.5°	400.5	426.4	450.8	473.0	491.7	508.9	524.5	537.3	548.4	557.8	565.6
-55°	348.5	373.5	397.0	418.2	437.7	455.6	471.5	484.2	495.4	505.0	512.9
-57.5°	297.0	319.3	340.4	360.6	379.3	396.4	411.5	424.7	436.2	446.1	454.2
-60°	248.4	266.0	284.9	302.8	319.3	334.4	348.5	361.1	372.1	381.4	389.1
-62.5°	204.9	219.4	234.4	248.4	261.3	274.0	286.4	297.4	307.1	315.3	322.0
-65°	169.8	181.0	191.4	201.2	210.3	220.9	230.5	239.0	246.4	252.8	258.0
-67.5°	139.7	148.0	155.7	163.0	170.5	177.8	184.5	190.3	195.4	199.8	203.4
-70°	113.8	119.7	125.1	130.7	136.6	141.9	146.8	151.1	154.8	158.0	160.6
-72.5°	92.3	96.1	100.0	104.4	108.5	112.2	115.5	118.5	121.1	123.3	125.1
-75°	74.6	77.6	80.6	83.5	86.1	88.5	90.7	92.6	94.2	95.7	96.8
-77.5°	58.6	61.0	63.2	65.3	67.2	69.0	70.6	72.0	73.2	74.2	75.1
-80°	41.9	43.9	45.8	47.5	49.1	50.6	51.9	53.0	54.1	54.9	55.6
-82.5°	26.1	27.5	28.7	29.9	31.0	32.0	32.9	33.7	34.4	35.0	35.4
-85°	12.9	13.6	14.1	14.7	15.2	15.6	16.0	16.4	16.7	17.0	17.2
-87.5°	3.8	4.0	4.1	4.2	4.3	4.3	4.4	4.5	4.5	4.6	4.6
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



REPORT NUMBER: P645300 (CONVERTED FROM TYPE C PHOTOMETRY)
CATALOG NUMBER: GFLD-SA1A-730-U-LAM-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°	4.7	4.7	4.7	4.7	4.7	4.7	4.7	4.6	4.6	4.5	4.5
85°	17.4	17.5	17.6	17.6	17.6	17.5	17.4	17.2	17.0	16.7	16.4
82.5°	35.8	36.1	36.2	36.3	36.2	36.1	35.8	35.4	35.0	34.4	33.7
80°	56.2	56.6	56.8	56.9	56.8	56.6	56.2	55.6	54.9	54.1	53.0
77.5°	75.7	76.2	76.5	76.6	76.5	76.2	75.7	75.1	74.2	73.2	72.0
75°	97.7	98.4	98.8	98.9	98.8	98.4	97.7	96.8	95.7	94.2	92.6
72.5°	126.5	127.5	128.1	128.3	128.1	127.5	126.5	125.1	123.3	121.1	118.5
70°	162.7	164.1	165.0	165.3	165.0	164.1	162.7	160.6	158.0	154.8	151.1
67.5°	206.2	208.2	209.4	209.8	209.4	208.2	206.2	203.4	199.8	195.4	190.3
65°	262.0	265.0	266.7	267.3	266.7	265.0	262.0	258.0	252.8	246.4	239.0
62.5°	327.3	331.1	333.3	334.1	333.3	331.1	327.3	322.0	315.3	307.1	297.4
60°	395.1	399.4	402.0	402.9	402.0	399.4	395.1	389.1	381.4	372.1	361.1
57.5°	460.6	465.1	467.9	468.8	467.9	465.1	460.6	454.2	446.1	436.2	424.7
55°	519.0	523.4	526.1	527.0	526.1	523.4	519.0	512.9	505.0	495.4	484.2
52.5°	571.7	576.1	578.7	579.6	578.7	576.1	571.7	565.6	557.8	548.4	537.3
50°	619.3	623.6	626.2	627.1	626.2	623.6	619.3	613.3	605.6	596.3	585.5
47.5°	663.0	667.3	669.9	670.8	669.9	667.3	663.0	656.9	649.3	640.0	629.1
45°	701.2	705.3	707.8	708.6	707.8	705.3	701.2	695.5	688.3	679.6	669.2
42.5°	734.3	738.1	740.4	741.2	740.4	738.1	734.3	728.9	722.1	714.0	703.8
40°	763.1	766.7	769.0	769.7	769.0	766.7	763.1	758.0	751.5	743.8	733.8
37.5°	787.9	791.3	793.4	794.1	793.4	791.3	787.9	783.2	777.2	769.9	760.2
35°	808.9	812.1	814.0	814.6	814.0	812.1	808.9	804.6	799.1	792.2	783.1
32.5°	826.7	829.6	831.4	832.0	831.4	829.6	826.7	822.7	817.6	810.9	802.7
30°	841.3	843.9	845.5	846.0	845.5	843.9	841.3	837.7	833.3	826.9	819.4
27.5°	852.9	855.2	856.5	857.0	856.5	855.2	852.9	849.8	846.0	840.2	833.5
25°	860.5	861.9	862.7	863.0	862.7	861.9	860.5	858.7	855.8	850.8	844.9
22.5°	863.8	864.2	864.4	864.5	864.4	864.2	863.8	863.3	861.6	858.6	853.8
20°	864.1	863.8	863.7	863.6	863.7	863.8	864.1	864.4	863.9	863.1	859.8
17.5°	862.5	861.6	861.1	860.9	861.1	861.6	862.5	863.6	864.1	864.3	863.3
15°	859.9	858.6	857.8	857.5	857.8	858.6	859.9	861.4	863.0	864.0	864.3
12.5°	856.9	855.5	854.6	854.3	854.6	855.5	856.9	858.8	861.0	863.0	864.1
10°	854.3	853.1	852.3	852.0	852.3	853.1	854.3	856.4	858.8	861.4	863.6
7.5°	852.5	851.5	850.9	850.7	850.9	851.5	852.5	854.3	856.9	859.9	862.5
5°	851.5	850.4	849.6	849.2	849.6	850.4	851.5	853.1	855.5	858.6	861.6
2.5°	850.9	849.6	848.2	847.5	848.2	849.6	850.9	852.3	854.6	857.8	861.1
0°	850.7	849.2	847.5	847.7	847.5	849.2	850.7	852.0	854.3	857.5	860.9
-2.5°	850.9	849.6	848.2	847.5	848.2	849.6	850.9	852.3	854.6	857.8	861.1
-5°	851.5	850.4	849.6	849.2	849.6	850.4	851.5	853.1	855.5	858.6	861.6
-7.5°	852.5	851.5	850.9	850.7	850.9	851.5	852.5	854.3	856.9	859.9	862.5
-10°	854.3	853.1	852.3	852.0	852.3	853.1	854.3	856.4	858.8	861.4	863.6
-12.5°	856.9	855.5	854.6	854.3	854.6	855.5	856.9	858.8	861.0	863.0	864.1
-15°	859.9	858.6	857.8	857.5	857.8	858.6	859.9	861.4	863.0	864.0	864.3
-17.5°	862.5	861.6	861.1	860.9	861.1	861.6	862.5	863.6	864.1	864.3	863.3
-20°	864.1	863.8	863.7	863.6	863.7	863.8	864.1	864.4	863.9	863.1	859.8

Classified

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

Scaled Data Report



REPORT NUMBER: P645300 (CONVERTED FROM TYPE C PHOTOMETRY)
CATALOG NUMBER: GFLD-SA1A-730-U-LAM-XX

CANDELA DISTRIBUTION (continued):

	-7.5°	-5°	-2.5°	0°	2.5°	5°	7.5°	10°	12.5°	15°	17.5°
-22.5°	863.8	864.2	864.4	864.5	864.4	864.2	863.8	863.3	861.6	858.6	853.8
-25°	860.5	861.9	862.7	863.0	862.7	861.9	860.5	858.7	855.8	850.8	844.9
-27.5°	852.9	855.2	856.5	857.0	856.5	855.2	852.9	849.8	846.0	840.2	833.5
-30°	841.3	843.9	845.5	846.0	845.5	843.9	841.3	837.7	833.3	826.9	819.4
-32.5°	826.7	829.6	831.4	832.0	831.4	829.6	826.7	822.7	817.6	810.9	802.7
-35°	808.9	812.1	814.0	814.6	814.0	812.1	808.9	804.6	799.1	792.2	783.1
-37.5°	787.9	791.3	793.4	794.1	793.4	791.3	787.9	783.2	777.2	769.9	760.2
-40°	763.1	766.7	769.0	769.7	769.0	766.7	763.1	758.0	751.5	743.8	733.8
-42.5°	734.3	738.1	740.4	741.2	740.4	738.1	734.3	728.9	722.1	714.0	703.8
-45°	701.2	705.3	707.8	708.6	707.8	705.3	701.2	695.5	688.3	679.6	669.2
-47.5°	663.0	667.3	669.9	670.8	669.9	667.3	663.0	656.9	649.3	640.0	629.1
-50°	619.3	623.6	626.2	627.1	626.2	623.6	619.3	613.3	605.6	596.3	585.5
-52.5°	571.7	576.1	578.7	579.6	578.7	576.1	571.7	565.6	557.8	548.4	537.3
-55°	519.0	523.4	526.1	527.0	526.1	523.4	519.0	512.9	505.0	495.4	484.2
-57.5°	460.6	465.1	467.9	468.8	467.9	465.1	460.6	454.2	446.1	436.2	424.7
-60°	395.1	399.4	402.0	402.9	402.0	399.4	395.1	389.1	381.4	372.1	361.1
-62.5°	327.3	331.1	333.3	334.1	333.3	331.1	327.3	322.0	315.3	307.1	297.4
-65°	262.0	265.0	266.7	267.3	266.7	265.0	262.0	258.0	252.8	246.4	239.0
-67.5°	206.2	208.2	209.4	209.8	209.4	208.2	206.2	203.4	199.8	195.4	190.3
-70°	162.7	164.1	165.0	165.3	165.0	164.1	162.7	160.6	158.0	154.8	151.1
-72.5°	126.5	127.5	128.1	128.3	128.1	127.5	126.5	125.1	123.3	121.1	118.5
-75°	97.7	98.4	98.8	98.9	98.8	98.4	97.7	96.8	95.7	94.2	92.6
-77.5°	75.7	76.2	76.5	76.6	76.5	76.2	75.7	75.1	74.2	73.2	72.0
-80°	56.2	56.6	56.8	56.9	56.8	56.6	56.2	55.6	54.9	54.1	53.0
-82.5°	35.8	36.1	36.2	36.3	36.2	36.1	35.8	35.4	35.0	34.4	33.7
-85°	17.4	17.5	17.6	17.6	17.6	17.5	17.4	17.2	17.0	16.7	16.4
-87.5°	4.7	4.7	4.7	4.7	4.7	4.7	4.7	4.6	4.6	4.5	4.5
-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: P645300 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA1A-730-U-LAM-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°	4.4	4.3	4.3	4.2	4.1	4.0	3.8	3.7	3.6	3.5	3.3
85°	16.0	15.6	15.2	14.7	14.1	13.6	12.9	12.3	11.6	10.8	10.0
82.5°	32.9	32.0	31.0	29.9	28.7	27.5	26.1	24.7	23.1	21.5	19.8
80°	51.9	50.6	49.1	47.5	45.8	43.9	41.9	39.7	37.5	35.2	33.0
77.5°	70.6	69.0	67.2	65.3	63.2	61.0	58.6	56.0	53.1	50.2	47.0
75°	90.7	88.5	86.1	83.5	80.6	77.6	74.6	71.5	68.2	64.8	61.2
72.5°	115.5	112.2	108.5	104.4	100.0	96.1	92.3	88.2	83.9	79.4	74.8
70°	146.8	141.9	136.6	130.7	125.1	119.7	113.8	107.7	101.1	95.4	89.9
67.5°	184.5	177.8	170.5	163.0	155.7	148.0	139.7	130.9	123.0	115.2	107.1
65°	230.5	220.9	210.3	201.2	191.4	181.0	169.8	159.2	148.9	138.0	127.0
62.5°	286.4	274.0	261.3	248.4	234.4	219.4	204.9	191.8	178.0	163.9	151.3
60°	348.5	334.4	319.3	302.8	284.9	266.0	248.4	229.8	210.3	194.3	177.8
57.5°	411.5	396.4	379.3	360.6	340.4	319.3	297.0	273.5	251.3	229.1	206.8
55°	471.5	455.6	437.7	418.2	397.0	373.5	348.5	322.6	295.7	267.8	242.6
52.5°	524.5	508.9	491.7	473.0	450.8	426.4	400.5	372.1	342.3	311.9	280.6
50°	572.4	557.1	540.3	521.4	499.7	476.4	449.6	420.3	389.1	355.8	321.6
47.5°	615.9	600.9	584.5	565.2	544.0	520.8	494.4	466.4	433.7	399.4	362.6
45°	655.8	640.9	624.4	605.1	584.6	560.9	535.3	506.6	475.7	440.4	402.9
42.5°	691.3	677.4	660.8	641.8	621.0	597.6	572.3	543.8	512.7	478.8	440.4
40°	722.2	709.3	693.0	675.4	654.4	631.4	605.6	578.1	546.6	512.7	475.7
37.5°	749.2	736.4	721.3	704.5	684.4	662.0	636.4	608.2	578.1	543.8	506.6
35°	772.9	760.4	746.2	729.5	711.0	688.9	664.6	636.4	605.6	572.3	535.3
32.5°	793.3	781.3	768.0	751.8	733.6	713.1	688.9	662.0	631.4	597.6	560.9
30°	810.2	799.3	786.4	771.6	753.6	733.6	711.0	684.4	654.4	621.0	584.6
27.5°	824.8	814.8	802.3	788.1	771.6	751.8	729.5	704.5	675.4	641.8	605.1
25°	837.0	827.5	816.2	802.3	786.4	768.0	746.2	721.3	693.0	660.8	624.4
22.5°	847.1	838.2	827.5	814.8	799.3	781.3	760.4	736.4	709.3	677.4	640.9
20°	854.8	847.1	837.0	824.8	810.2	793.3	772.9	749.2	722.2	691.3	655.8
17.5°	859.8	853.8	844.9	833.5	819.4	802.7	783.1	760.2	733.8	703.8	669.2
15°	863.1	858.6	850.8	840.2	826.9	810.9	792.2	769.9	743.8	714.0	679.6
12.5°	863.9	861.6	855.8	846.0	833.3	817.6	799.1	777.2	751.5	722.1	688.3
10°	864.4	863.3	858.7	849.8	837.7	822.7	804.6	783.2	758.0	728.9	695.5
7.5°	864.1	863.8	860.5	852.9	841.3	826.7	808.9	787.9	763.1	734.3	701.2
5°	863.8	864.2	861.9	855.2	843.9	829.6	812.1	791.3	766.7	738.1	705.3
2.5°	863.7	864.4	862.7	856.5	845.5	831.4	814.0	793.4	769.0	740.4	707.8
0°	863.6	864.5	863.0	857.0	846.0	832.0	814.6	794.1	769.7	741.2	708.6
-2.5°	863.7	864.4	862.7	856.5	845.5	831.4	814.0	793.4	769.0	740.4	707.8
-5°	863.8	864.2	861.9	855.2	843.9	829.6	812.1	791.3	766.7	738.1	705.3
-7.5°	864.1	863.8	860.5	852.9	841.3	826.7	808.9	787.9	763.1	734.3	701.2
-10°	864.4	863.3	858.7	849.8	837.7	822.7	804.6	783.2	758.0	728.9	695.5
-12.5°	863.9	861.6	855.8	846.0	833.3	817.6	799.1	777.2	751.5	722.1	688.3
-15°	863.1	858.6	850.8	840.2	826.9	810.9	792.2	769.9	743.8	714.0	679.6
-17.5°	859.8	853.8	844.9	833.5	819.4	802.7	783.1	760.2	733.8	703.8	669.2
-20°	854.8	847.1	837.0	824.8	810.2	793.3	772.9	749.2	722.2	691.3	655.8



REPORT NUMBER: P645300 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA1A-730-U-LAM-XX

CANDELA DISTRIBUTION (continued):

	20°	22.5°	25°	27.5°	30°	32.5°	35°	37.5°	40°	42.5°	45°
-22.5°	847.1	838.2	827.5	814.8	799.3	781.3	760.4	736.4	709.3	677.4	640.9
-25°	837.0	827.5	816.2	802.3	786.4	768.0	746.2	721.3	693.0	660.8	624.4
-27.5°	824.8	814.8	802.3	788.1	771.6	751.8	729.5	704.5	675.4	641.8	605.1
-30°	810.2	799.3	786.4	771.6	753.6	733.6	711.0	684.4	654.4	621.0	584.6
-32.5°	793.3	781.3	768.0	751.8	733.6	713.1	688.9	662.0	631.4	597.6	560.9
-35°	772.9	760.4	746.2	729.5	711.0	688.9	664.6	636.4	605.6	572.3	535.3
-37.5°	749.2	736.4	721.3	704.5	684.4	662.0	636.4	608.2	578.1	543.8	506.6
-40°	722.2	709.3	693.0	675.4	654.4	631.4	605.6	578.1	546.6	512.7	475.7
-42.5°	691.3	677.4	660.8	641.8	621.0	597.6	572.3	543.8	512.7	478.8	440.4
-45°	655.8	640.9	624.4	605.1	584.6	560.9	535.3	506.6	475.7	440.4	402.9
-47.5°	615.9	600.9	584.5	565.2	544.0	520.8	494.4	466.4	433.7	399.4	362.6
-50°	572.4	557.1	540.3	521.4	499.7	476.4	449.6	420.3	389.1	355.8	321.6
-52.5°	524.5	508.9	491.7	473.0	450.8	426.4	400.5	372.1	342.3	311.9	280.6
-55°	471.5	455.6	437.7	418.2	397.0	373.5	348.5	322.6	295.7	267.8	242.6
-57.5°	411.5	396.4	379.3	360.6	340.4	319.3	297.0	273.5	251.3	229.1	206.8
-60°	348.5	334.4	319.3	302.8	284.9	266.0	248.4	229.8	210.3	194.3	177.8
-62.5°	286.4	274.0	261.3	248.4	234.4	219.4	204.9	191.8	178.0	163.9	151.3
-65°	230.5	220.9	210.3	201.2	191.4	181.0	169.8	159.2	148.9	138.0	127.0
-67.5°	184.5	177.8	170.5	163.0	155.7	148.0	139.7	130.9	123.0	115.2	107.1
-70°	146.8	141.9	136.6	130.7	125.1	119.7	113.8	107.7	101.1	95.4	89.9
-72.5°	115.5	112.2	108.5	104.4	100.0	96.1	92.3	88.2	83.9	79.4	74.8
-75°	90.7	88.5	86.1	83.5	80.6	77.6	74.6	71.5	68.2	64.8	61.2
-77.5°	70.6	69.0	67.2	65.3	63.2	61.0	58.6	56.0	53.1	50.2	47.0
-80°	51.9	50.6	49.1	47.5	45.8	43.9	41.9	39.7	37.5	35.2	33.0
-82.5°	32.9	32.0	31.0	29.9	28.7	27.5	26.1	24.7	23.1	21.5	19.8
-85°	16.0	15.6	15.2	14.7	14.1	13.6	12.9	12.3	11.6	10.8	10.0
-87.5°	4.4	4.3	4.3	4.2	4.1	4.0	3.8	3.7	3.6	3.5	3.3
-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: P645300 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA1A-730-U-LAM-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°	3.2	3.0	2.9	2.7	2.5	2.3	2.2	2.0	1.8	1.6	1.4
85°	9.2	8.4	7.5	6.6	5.6	4.7	4.3	4.0	3.6	3.2	2.8
82.5°	18.0	16.6	15.3	14.0	12.6	11.1	9.6	8.1	6.6	5.0	4.2
80°	30.6	28.1	25.6	23.0	20.2	17.5	15.5	13.5	11.5	9.4	7.2
77.5°	43.8	40.4	36.9	33.5	30.2	26.7	23.1	19.5	16.3	13.7	11.1
75°	57.5	53.4	49.2	44.8	40.4	35.8	31.5	27.2	22.7	18.2	14.8
72.5°	70.5	65.9	61.2	56.3	51.1	45.8	40.3	34.8	29.6	24.4	19.0
70°	84.3	78.4	72.8	67.2	61.5	55.6	49.4	43.0	36.5	30.4	24.4
67.5°	98.8	92.1	85.3	78.2	71.6	65.0	58.3	51.2	43.9	36.5	29.6
65°	117.6	107.9	98.1	90.2	82.2	74.2	66.8	59.2	51.2	43.0	34.8
62.5°	138.3	125.5	114.5	103.1	93.2	84.2	75.1	66.8	58.3	49.4	40.3
60°	161.5	146.8	131.6	118.5	105.8	94.2	84.2	74.2	65.0	55.6	45.8
57.5°	188.2	168.9	151.9	135.0	119.8	105.8	93.2	82.2	71.6	61.5	51.1
55°	216.7	194.4	173.1	153.6	135.0	118.5	103.1	90.2	78.2	67.2	56.3
52.5°	250.9	222.1	196.5	173.1	151.9	131.6	114.5	98.1	85.3	72.8	61.2
50°	287.0	253.6	222.1	194.4	168.9	146.8	125.5	107.9	92.1	78.4	65.9
47.5°	324.9	287.0	250.9	216.7	188.2	161.5	138.3	117.6	98.8	84.3	70.5
45°	362.6	321.6	280.6	242.6	206.8	177.8	151.3	127.0	107.1	89.9	74.8
42.5°	399.4	355.8	311.9	267.8	229.1	194.3	163.9	138.0	115.2	95.4	79.4
40°	433.7	389.1	342.3	295.7	251.3	210.3	178.0	148.9	123.0	101.1	83.9
37.5°	466.4	420.3	372.1	322.6	273.5	229.8	191.8	159.2	130.9	107.7	88.2
35°	494.4	449.6	400.5	348.5	297.0	248.4	204.9	169.8	139.7	113.8	92.3
32.5°	520.8	476.4	426.4	373.5	319.3	266.0	219.4	181.0	148.0	119.7	96.1
30°	544.0	499.7	450.8	397.0	340.4	284.9	234.4	191.4	155.7	125.1	100.0
27.5°	565.2	521.4	473.0	418.2	360.6	302.8	248.4	201.2	163.0	130.7	104.4
25°	584.5	540.3	491.7	437.7	379.3	319.3	261.3	210.3	170.5	136.6	108.5
22.5°	600.9	557.1	508.9	455.6	396.4	334.4	274.0	220.9	177.8	141.9	112.2
20°	615.9	572.4	524.5	471.5	411.5	348.5	286.4	230.5	184.5	146.8	115.5
17.5°	629.1	585.5	537.3	484.2	424.7	361.1	297.4	239.0	190.3	151.1	118.5
15°	640.0	596.3	548.4	495.4	436.2	372.1	307.1	246.4	195.4	154.8	121.1
12.5°	649.3	605.6	557.8	505.0	446.1	381.4	315.3	252.8	199.8	158.0	123.3
10°	656.9	613.3	565.6	512.9	454.2	389.1	322.0	258.0	203.4	160.6	125.1
7.5°	663.0	619.3	571.7	519.0	460.6	395.1	327.3	262.0	206.2	162.7	126.5
5°	667.3	623.6	576.1	523.4	465.1	399.4	331.1	265.0	208.2	164.1	127.5
2.5°	669.9	626.2	578.7	526.1	467.9	402.0	333.3	266.7	209.4	165.0	128.1
0°	670.8	627.1	579.6	527.0	468.8	402.9	334.1	267.3	209.8	165.3	128.3
-2.5°	669.9	626.2	578.7	526.1	467.9	402.0	333.3	266.7	209.4	165.0	128.1
-5°	667.3	623.6	576.1	523.4	465.1	399.4	331.1	265.0	208.2	164.1	127.5
-7.5°	663.0	619.3	571.7	519.0	460.6	395.1	327.3	262.0	206.2	162.7	126.5
-10°	656.9	613.3	565.6	512.9	454.2	389.1	322.0	258.0	203.4	160.6	125.1
-12.5°	649.3	605.6	557.8	505.0	446.1	381.4	315.3	252.8	199.8	158.0	123.3
-15°	640.0	596.3	548.4	495.4	436.2	372.1	307.1	246.4	195.4	154.8	121.1
-17.5°	629.1	585.5	537.3	484.2	424.7	361.1	297.4	239.0	190.3	151.1	118.5
-20°	615.9	572.4	524.5	471.5	411.5	348.5	286.4	230.5	184.5	146.8	115.5



REPORT NUMBER: P645300 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA1A-730-U-LAM-XX

CANDELA DISTRIBUTION (continued):

	47.5°	50°	52.5°	55°	57.5°	60°	62.5°	65°	67.5°	70°	72.5°
-22.5°	600.9	557.1	508.9	455.6	396.4	334.4	274.0	220.9	177.8	141.9	112.2
-25°	584.5	540.3	491.7	437.7	379.3	319.3	261.3	210.3	170.5	136.6	108.5
-27.5°	565.2	521.4	473.0	418.2	360.6	302.8	248.4	201.2	163.0	130.7	104.4
-30°	544.0	499.7	450.8	397.0	340.4	284.9	234.4	191.4	155.7	125.1	100.0
-32.5°	520.8	476.4	426.4	373.5	319.3	266.0	219.4	181.0	148.0	119.7	96.1
-35°	494.4	449.6	400.5	348.5	297.0	248.4	204.9	169.8	139.7	113.8	92.3
-37.5°	466.4	420.3	372.1	322.6	273.5	229.8	191.8	159.2	130.9	107.7	88.2
-40°	433.7	389.1	342.3	295.7	251.3	210.3	178.0	148.9	123.0	101.1	83.9
-42.5°	399.4	355.8	311.9	267.8	229.1	194.3	163.9	138.0	115.2	95.4	79.4
-45°	362.6	321.6	280.6	242.6	206.8	177.8	151.3	127.0	107.1	89.9	74.8
-47.5°	324.9	287.0	250.9	216.7	188.2	161.5	138.3	117.6	98.8	84.3	70.5
-50°	287.0	253.6	222.1	194.4	168.9	146.8	125.5	107.9	92.1	78.4	65.9
-52.5°	250.9	222.1	196.5	173.1	151.9	131.6	114.5	98.1	85.3	72.8	61.2
-55°	216.7	194.4	173.1	153.6	135.0	118.5	103.1	90.2	78.2	67.2	56.3
-57.5°	188.2	168.9	151.9	135.0	119.8	105.8	93.2	82.2	71.6	61.5	51.1
-60°	161.5	146.8	131.6	118.5	105.8	94.2	84.2	74.2	65.0	55.6	45.8
-62.5°	138.3	125.5	114.5	103.1	93.2	84.2	75.1	66.8	58.3	49.4	40.3
-65°	117.6	107.9	98.1	90.2	82.2	74.2	66.8	59.2	51.2	43.0	34.8
-67.5°	98.8	92.1	85.3	78.2	71.6	65.0	58.3	51.2	43.9	36.5	29.6
-70°	84.3	78.4	72.8	67.2	61.5	55.6	49.4	43.0	36.5	30.4	24.4
-72.5°	70.5	65.9	61.2	56.3	51.1	45.8	40.3	34.8	29.6	24.4	19.0
-75°	57.5	53.4	49.2	44.8	40.4	35.8	31.5	27.2	22.7	18.2	14.8
-77.5°	43.8	40.4	36.9	33.5	30.2	26.7	23.1	19.5	16.3	13.7	11.1
-80°	30.6	28.1	25.6	23.0	20.2	17.5	15.5	13.5	11.5	9.4	7.2
-82.5°	18.0	16.6	15.3	14.0	12.6	11.1	9.6	8.1	6.6	5.0	4.2
-85°	9.2	8.4	7.5	6.6	5.6	4.7	4.3	4.0	3.6	3.2	2.8
-87.5°	3.2	3.0	2.9	2.7	2.5	2.3	2.2	2.0	1.8	1.6	1.4
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

Classified

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

Scaled Data Report



REPORT NUMBER: P645300 (CONVERTED FROM TYPE C PHOTOMETRY)
CATALOG NUMBER: GFLD-SA1A-730-U-LAM-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°	1.2	1.0	0.8	0.6	0.4	0.2	0.0
85°	2.4	2.0	1.6	1.2	0.8	0.4	0.0
82.5°	3.6	3.0	2.4	1.8	1.2	0.6	0.0
80°	5.1	4.0	3.2	2.4	1.6	0.8	0.0
77.5°	8.4	5.7	4.0	3.0	2.0	1.0	0.0
75°	11.6	8.4	5.1	3.6	2.4	1.2	0.0
72.5°	14.8	11.1	7.2	4.2	2.8	1.4	0.0
70°	18.2	13.7	9.4	5.0	3.2	1.6	0.0
67.5°	22.7	16.3	11.5	6.6	3.6	1.8	0.0
65°	27.2	19.5	13.5	8.1	4.0	2.0	0.0
62.5°	31.5	23.1	15.5	9.6	4.3	2.2	0.0
60°	35.8	26.7	17.5	11.1	4.7	2.3	0.0
57.5°	40.4	30.2	20.2	12.6	5.6	2.5	0.0
55°	44.8	33.5	23.0	14.0	6.6	2.7	0.0
52.5°	49.2	36.9	25.6	15.3	7.5	2.9	0.0
50°	53.4	40.4	28.1	16.6	8.4	3.0	0.0
47.5°	57.5	43.8	30.6	18.0	9.2	3.2	0.0
45°	61.2	47.0	33.0	19.8	10.0	3.3	0.0
42.5°	64.8	50.2	35.2	21.5	10.8	3.5	0.0
40°	68.2	53.1	37.5	23.1	11.6	3.6	0.0
37.5°	71.5	56.0	39.7	24.7	12.3	3.7	0.0
35°	74.6	58.6	41.9	26.1	12.9	3.8	0.0
32.5°	77.6	61.0	43.9	27.5	13.6	4.0	0.0
30°	80.6	63.2	45.8	28.7	14.1	4.1	0.0
27.5°	83.5	65.3	47.5	29.9	14.7	4.2	0.0
25°	86.1	67.2	49.1	31.0	15.2	4.3	0.0
22.5°	88.5	69.0	50.6	32.0	15.6	4.3	0.0
20°	90.7	70.6	51.9	32.9	16.0	4.4	0.0
17.5°	92.6	72.0	53.0	33.7	16.4	4.5	0.0
15°	94.2	73.2	54.1	34.4	16.7	4.5	0.0
12.5°	95.7	74.2	54.9	35.0	17.0	4.6	0.0
10°	96.8	75.1	55.6	35.4	17.2	4.6	0.0
7.5°	97.7	75.7	56.2	35.8	17.4	4.7	0.0
5°	98.4	76.2	56.6	36.1	17.5	4.7	0.0
2.5°	98.8	76.5	56.8	36.2	17.6	4.7	0.0
0°	98.9	76.6	56.9	36.3	17.6	4.7	0.0
-2.5°	98.8	76.5	56.8	36.2	17.6	4.7	0.0
-5°	98.4	76.2	56.6	36.1	17.5	4.7	0.0
-7.5°	97.7	75.7	56.2	35.8	17.4	4.7	0.0
-10°	96.8	75.1	55.6	35.4	17.2	4.6	0.0
-12.5°	95.7	74.2	54.9	35.0	17.0	4.6	0.0
-15°	94.2	73.2	54.1	34.4	16.7	4.5	0.0
-17.5°	92.6	72.0	53.0	33.7	16.4	4.5	0.0
-20°	90.7	70.6	51.9	32.9	16.0	4.4	0.0

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CANDELA DISTRIBUTION (continued):

	75°	77.5°	80°	82.5°	85°	87.5°	90°
-22.5°	88.5	69.0	50.6	32.0	15.6	4.3	0.0
-25°	86.1	67.2	49.1	31.0	15.2	4.3	0.0
-27.5°	83.5	65.3	47.5	29.9	14.7	4.2	0.0
-30°	80.6	63.2	45.8	28.7	14.1	4.1	0.0
-32.5°	77.6	61.0	43.9	27.5	13.6	4.0	0.0
-35°	74.6	58.6	41.9	26.1	12.9	3.8	0.0
-37.5°	71.5	56.0	39.7	24.7	12.3	3.7	0.0
-40°	68.2	53.1	37.5	23.1	11.6	3.6	0.0
-42.5°	64.8	50.2	35.2	21.5	10.8	3.5	0.0
-45°	61.2	47.0	33.0	19.8	10.0	3.3	0.0
-47.5°	57.5	43.8	30.6	18.0	9.2	3.2	0.0
-50°	53.4	40.4	28.1	16.6	8.4	3.0	0.0
-52.5°	49.2	36.9	25.6	15.3	7.5	2.9	0.0
-55°	44.8	33.5	23.0	14.0	6.6	2.7	0.0
-57.5°	40.4	30.2	20.2	12.6	5.6	2.5	0.0
-60°	35.8	26.7	17.5	11.1	4.7	2.3	0.0
-62.5°	31.5	23.1	15.5	9.6	4.3	2.2	0.0
-65°	27.2	19.5	13.5	8.1	4.0	2.0	0.0
-67.5°	22.7	16.3	11.5	6.6	3.6	1.8	0.0
-70°	18.2	13.7	9.4	5.0	3.2	1.6	0.0
-72.5°	14.8	11.1	7.2	4.2	2.8	1.4	0.0
-75°	11.6	8.4	5.1	3.6	2.4	1.2	0.0
-77.5°	8.4	5.7	4.0	3.0	2.0	1.0	0.0
-80°	5.1	4.0	3.2	2.4	1.6	0.8	0.0
-82.5°	3.6	3.0	2.4	1.8	1.2	0.6	0.0
-85°	2.4	2.0	1.6	1.2	0.8	0.4	0.0
-87.5°	1.2	1.0	0.8	0.6	0.4	0.2	0.0
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0

(END OF REPORT)