

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: P645303 (CONVERTED FROM TYPE C PHOTOMETRY)

Luminaire Tested: GFLD-SA1A-740-U-LAM-VSR-XX

Issue Date: 2/28/2023

Test Information

Test Method: LM-79-2019
Report Number: P645303 (CONVERTED FROM TYPE C PHOTOMETRY)
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G2-2210-813-22)
Test Lab: COOPER LIGHTING SOLUTIONS
Issue Date: 5/4/2023
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: MCGRAW-EDISON
Catalog Number: GFLD-SA1A-740-U-LAM-VSR-XX
Description: GALLEON FLOOD, ONE LIGHT SQAURE, LAMBERTIAN WITH VISOR
Light Source: (16) 4000K CCT, 70 CRI LEDS
Ballast/Driver: -

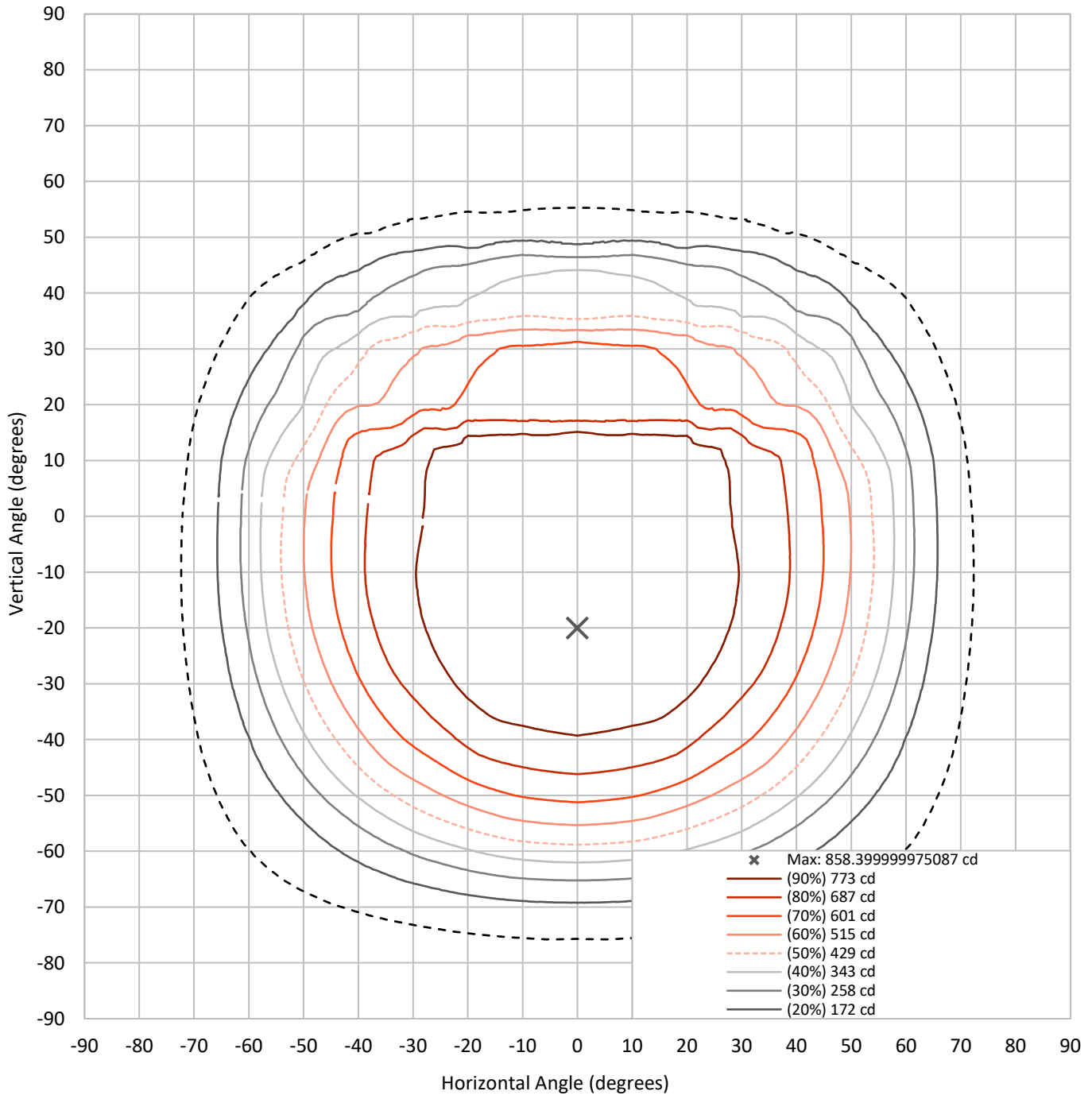
Summary

Lumens per Lamp:	N/A	NEMA Type:	7H x 7V
Luminaire Lumens:	2012.9 lumens	Max Intensity:	858.4 candela
Efficiency:	N/A	Max Intensity Angle:	0°H x -20°V
Efficacy:	111.2 lumens/watt		
Luminous Opening:	Rectangular (W 0.5' x L: 0.5' x H: 0')		
Beam Angle (50%):	105.6°H x 93.7°V	Field Angle (10%):	144°H x 131.2°V
Beam Lumens:	1574.9 lumens	Field Lumens:	1972.9 lumens
Beam Efficiency:	78.2%	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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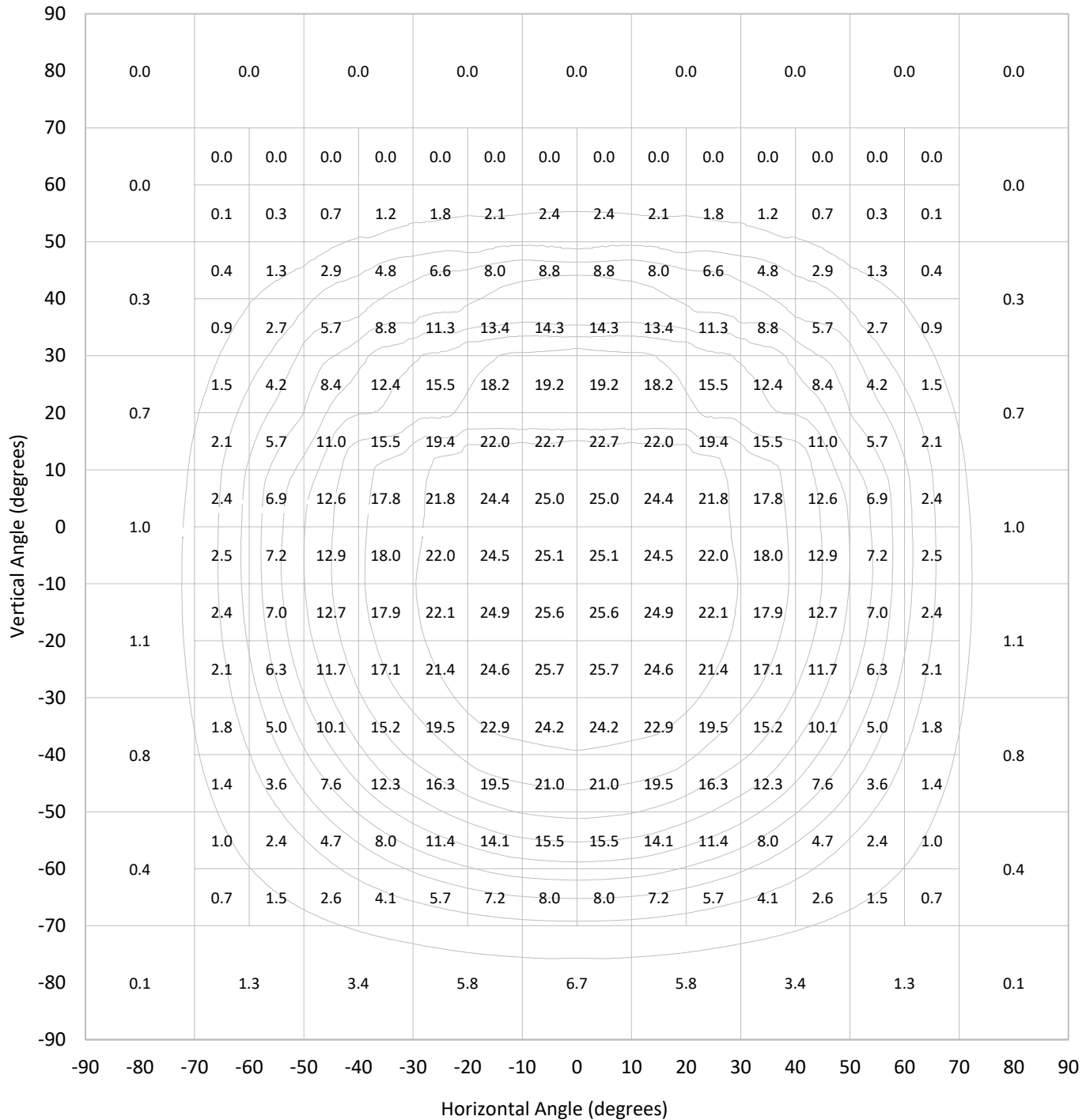
Iso-Candela Plot





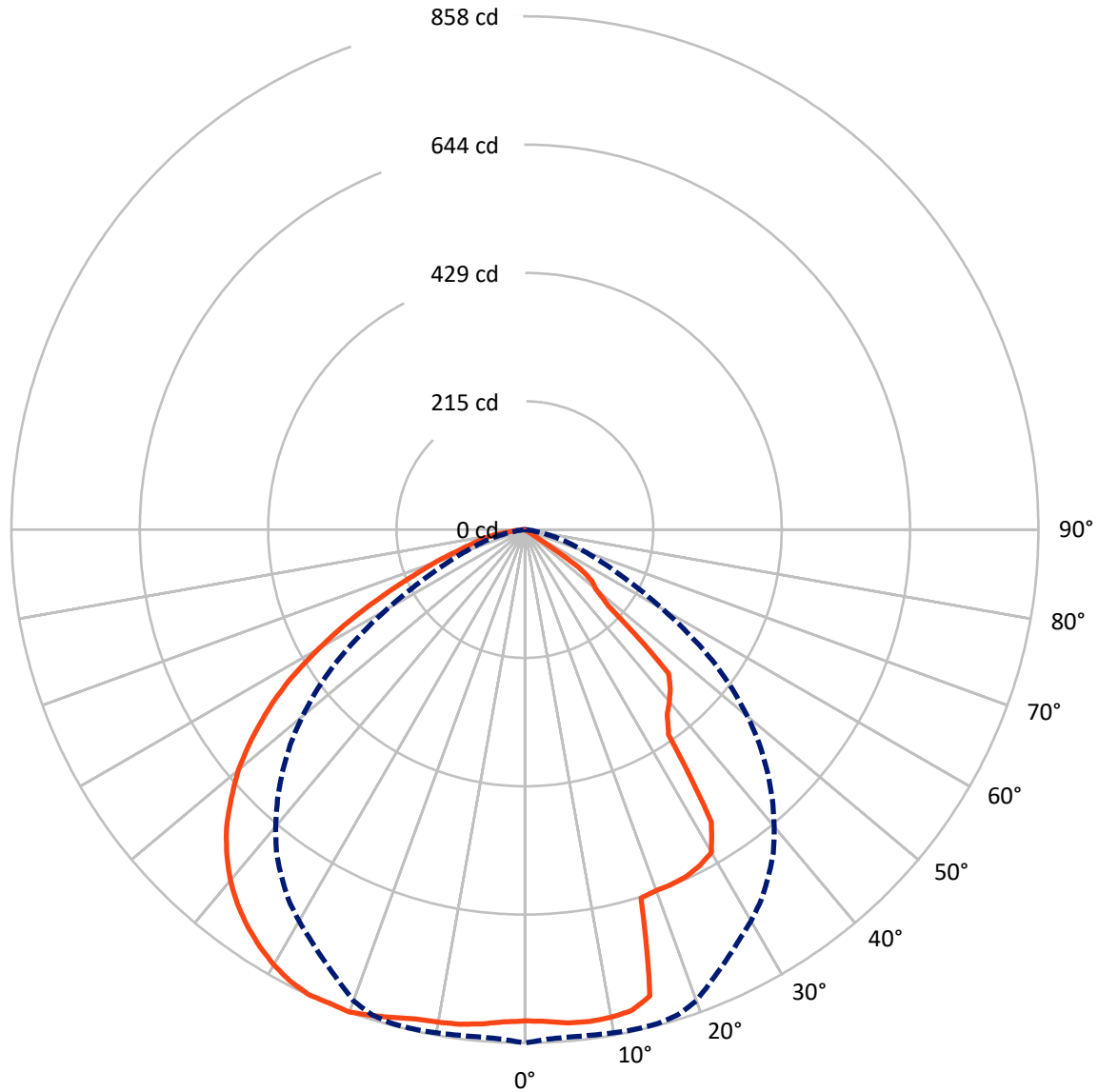
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Lumen Table



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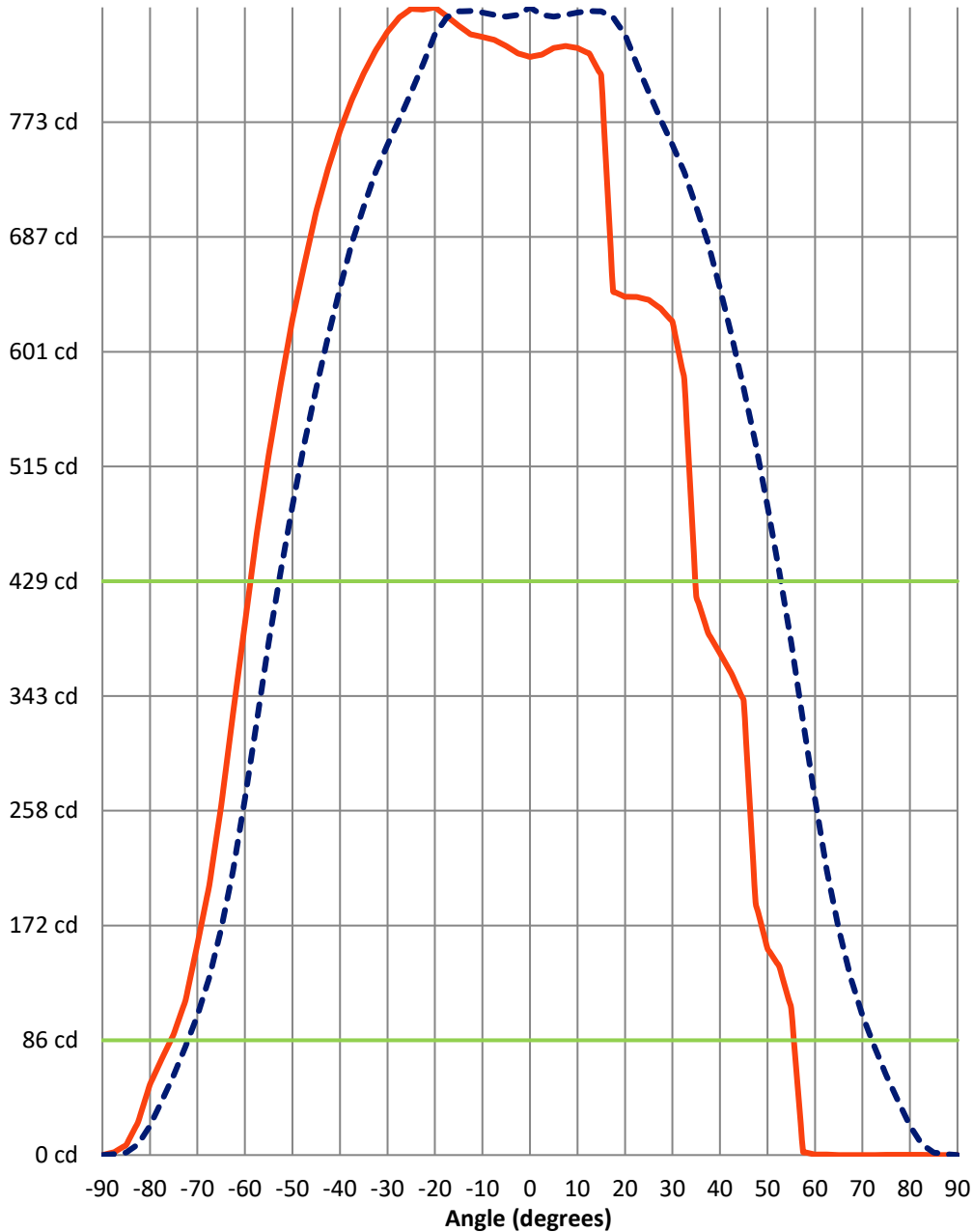
Luminous Intensity Polar Plot



— Vertical Distribution Through 0-Deg - - - Horizontal Distribution Through -20-Deg

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Luminous Intensity Plot



Beam:
 H Angle: 105.6°
 V Angle: 93.7°
 Lumens: 1574.9
 Efficiency: 78.2%

Field:
 H Angle: 144°
 V Angle: 131.2°
 Lumens: 1972.9
 Efficiency: 98.0%

Spill:
 Lumens: 40
 Efficiency: 2.0%

— Vertical Distribution through 0-Deg
 - - - Horizontal Distribution through -20-Deg

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FIELD
BEAM

CANDELA DISTRIBUTION:

	-90°	-87.5°	-85°	-82.5°	-80°	-77.5°	-75°	-72.5°	-70°	-67.5°	-65°
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
87.5°	0.0	0.0	0.0	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1
85°	0.0	0.0	0.1	0.1	0.1	0.2	0.2	0.2	0.2	0.2	0.2
82.5°	0.0	0.1	0.1	0.2	0.2	0.3	0.3	0.3	0.3	0.3	0.2
80°	0.0	0.1	0.1	0.2	0.3	0.3	0.4	0.4	0.3	0.3	0.2
77.5°	0.0	0.1	0.2	0.3	0.3	0.4	0.4	0.4	0.3	0.3	0.2
75°	0.0	0.1	0.2	0.3	0.4	0.4	0.4	0.4	0.3	0.3	0.2
72.5°	0.0	0.1	0.2	0.4	0.4	0.4	0.4	0.4	0.3	0.3	0.2
70°	0.0	0.2	0.3	0.4	0.4	0.4	0.4	0.4	0.3	0.3	0.3
67.5°	0.0	0.2	0.3	0.4	0.4	0.4	0.5	0.4	0.3	0.4	0.4
65°	0.0	0.2	0.3	0.4	0.4	0.5	0.5	0.4	0.5	0.6	0.7
62.5°	0.0	0.2	0.4	0.4	0.5	0.6	0.6	0.5	0.7	1.0	1.6
60°	0.0	0.2	0.4	0.4	0.5	0.7	0.7	0.7	0.9	2.5	2.8
57.5°	0.0	0.2	0.4	0.5	0.6	0.9	1.3	1.0	2.5	4.3	5.0
55°	0.0	0.3	0.4	0.5	0.8	1.0	2.0	1.6	4.6	6.7	8.1
52.5°	0.0	0.3	0.5	0.5	0.9	1.3	2.9	4.0	6.9	10.4	11.8
50°	0.0	0.3	0.5	0.5	1.1	2.3	3.9	6.8	9.9	14.7	18.4
47.5°	0.0	0.3	0.5	0.5	1.3	3.3	5.2	9.7	14.3	19.3	25.2
45°	0.0	0.3	0.5	0.7	1.5	4.4	7.8	12.7	19.2	25.2	31.8
42.5°	0.0	0.3	0.5	0.8	1.6	5.5	10.5	16.5	24.1	30.9	39.3
40°	0.0	0.4	0.5	1.0	2.2	6.7	13.3	20.9	29.3	36.5	47.5
37.5°	0.0	0.4	0.6	1.2	3.2	8.0	16.1	25.3	34.7	43.3	55.9
35°	0.0	0.4	0.6	1.5	4.1	10.0	19.0	29.7	40.1	51.5	66.0
32.5°	0.0	0.4	0.6	1.7	5.1	12.2	22.1	34.1	45.7	59.9	78.1
30°	0.0	0.4	0.6	2.0	6.1	14.5	25.6	38.5	51.3	68.2	89.8
27.5°	0.0	0.4	0.7	2.3	7.3	16.7	29.1	43.1	57.4	76.5	101.0
25°	0.0	0.4	0.7	2.7	8.6	18.9	32.5	47.7	64.3	85.6	111.7
22.5°	0.0	0.4	0.7	3.0	9.8	21.1	35.8	52.1	71.1	94.7	122.5
20°	0.0	0.5	0.7	3.3	11.1	23.5	39.0	56.5	77.7	103.3	133.0
17.5°	0.0	0.5	0.8	3.7	12.3	25.8	42.2	60.8	84.1	111.4	143.2
15°	0.0	0.5	0.8	4.1	13.5	28.0	45.2	64.8	90.3	118.9	153.0
12.5°	0.0	0.5	0.8	4.4	14.6	30.1	48.0	68.3	95.2	125.8	162.3
10°	0.0	0.5	0.8	4.8	15.7	32.1	50.7	71.5	98.8	130.0	169.9
7.5°	0.0	0.5	0.8	5.1	16.8	34.0	53.1	74.5	101.9	133.3	174.3
5°	0.0	0.5	0.9	5.4	17.7	35.7	55.3	77.2	104.5	135.9	177.9
2.5°	0.0	0.5	0.9	5.7	18.6	37.3	57.3	79.5	106.6	137.9	180.6
0°	0.0	0.5	0.9	6.0	19.4	38.7	59.0	81.6	108.3	139.3	182.5
-2.5°	0.0	0.5	1.0	6.4	20.1	39.6	59.9	82.8	108.9	141.1	183.7
-5°	0.0	0.6	1.2	6.8	20.8	40.3	60.5	83.7	109.1	142.3	184.2
-7.5°	0.0	0.6	1.3	7.1	21.3	40.8	60.9	84.2	109.0	142.7	183.8
-10°	0.0	0.6	1.5	7.4	21.7	41.1	61.1	84.4	108.5	142.5	182.6
-12.5°	0.0	0.6	1.6	7.6	21.9	41.2	61.0	84.3	107.7	141.3	180.6
-15°	0.0	0.7	1.7	7.8	22.1	41.2	60.8	83.8	106.9	139.1	177.7
-17.5°	0.0	0.7	1.8	8.0	22.1	40.9	60.4	82.8	105.9	136.3	173.9
-20°	0.0	0.7	1.9	8.0	21.9	40.5	59.7	81.3	104.4	132.9	169.2

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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	0.7	2.0	8.1	21.6	39.9	58.7	79.6	102.5	129.1	163.7
-25°	0.0	0.7	2.1	8.0	21.1	38.9	57.5	77.6	100.1	124.7	157.3
-27.5°	0.0	0.8	2.1	7.9	20.5	37.7	56.0	75.3	97.3	120.5	151.6
-30°	0.0	0.8	2.2	7.8	19.8	36.3	54.3	72.7	94.2	117.0	145.5
-32.5°	0.0	0.8	2.2	7.5	18.9	34.8	52.4	70.4	90.9	112.9	139.0
-35°	0.0	0.8	2.3	7.3	17.9	33.1	50.3	67.9	87.3	108.3	132.1
-37.5°	0.0	0.8	2.3	6.9	16.8	31.4	48.1	65.2	83.5	103.1	125.3
-40°	0.0	0.8	2.3	6.5	15.6	29.9	45.7	62.2	79.4	98.2	118.6
-42.5°	0.0	0.7	2.3	6.0	14.7	28.3	43.1	58.9	75.5	93.0	111.4
-45°	0.0	0.7	2.3	5.5	14.0	26.5	40.4	55.6	71.5	87.5	103.9
-47.5°	0.0	0.7	2.2	5.0	13.3	24.7	37.5	52.2	67.2	81.7	97.4
-50°	0.0	0.7	2.2	4.8	12.5	22.8	35.1	48.6	62.4	76.4	90.6
-52.5°	0.0	0.7	2.1	4.7	11.5	20.7	32.7	44.9	57.9	70.9	83.7
-55°	0.0	0.6	2.0	4.6	10.4	19.2	30.2	41.2	53.3	65.2	77.5
-57.5°	0.0	0.6	1.9	4.4	9.3	17.6	27.6	38.2	48.6	59.8	71.2
-60°	0.0	0.6	1.8	4.1	8.1	15.9	25.0	35.0	43.9	54.4	64.8
-62.5°	0.0	0.5	1.7	3.8	7.5	14.1	22.5	31.4	39.5	48.8	58.6
-65°	0.0	0.5	1.6	3.5	6.8	12.1	19.9	27.7	34.9	43.2	52.3
-67.5°	0.0	0.5	1.4	3.1	6.1	10.4	17.2	24.0	30.0	37.3	45.5
-70°	0.0	0.4	1.3	2.7	5.3	9.1	14.3	20.3	25.7	31.2	38.2
-72.5°	0.0	0.4	1.2	2.4	4.4	7.7	12.1	16.4	21.2	26.1	31.0
-75°	0.0	0.3	1.0	2.1	3.5	6.2	9.9	13.2	16.7	20.9	25.2
-77.5°	0.0	0.3	0.8	1.7	2.9	4.7	7.5	10.2	13.0	16.0	19.4
-80°	0.0	0.2	0.7	1.4	2.4	3.6	5.1	7.1	9.3	11.6	14.1
-82.5°	0.0	0.2	0.5	1.1	1.8	2.7	3.8	4.6	5.5	7.2	9.0
-85°	0.0	0.1	0.3	0.7	1.2	1.8	2.5	3.1	3.6	4.2	4.8
-87.5°	0.0	0.1	0.2	0.4	0.6	0.9	1.3	1.5	1.8	2.1	2.4
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



REPORT NUMBER: P645303 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA1A-740-U-LAM-VSR-XX

CANDELA DISTRIBUTION (continued):

	-62.5°	-60°	-57.5°	-55°	-52.5°	-50°	-47.5°	-45°	-42.5°	-40°	-37.5°
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
87.5°	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.2	0.2
85°	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
82.5°	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
80°	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
77.5°	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
75°	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
72.5°	0.2	0.3	0.3	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
70°	0.3	0.3	0.3	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
67.5°	0.4	0.3	0.3	0.3	0.3	0.3	0.3	0.2	0.2	0.2	0.2
65°	0.4	0.3	0.5	0.5	0.4	0.4	0.3	0.3	0.3	0.3	0.3
62.5°	0.6	0.7	0.9	1.6	1.2	0.4	0.6	0.7	0.6	0.4	0.5
60°	1.8	1.2	3.6	5.2	3.3	1.2	1.5	4.8	4.1	0.7	2.6
57.5°	3.7	5.1	9.5	9.7	6.7	4.6	13.5	15.5	11.7	6.8	10.4
55°	8.2	12.7	15.8	14.6	15.9	24.2	28.7	25.8	21.7	33.3	42.6
52.5°	16.2	20.7	21.7	25.0	35.8	41.1	39.4	42.1	54.6	67.8	70.6
50°	23.9	27.6	30.5	44.1	52.5	53.1	57.0	69.3	86.0	94.1	92.1
47.5°	31.3	35.2	48.7	61.7	65.5	70.7	80.5	104.4	122.0	122.4	120.4
45°	39.2	49.5	66.7	75.2	81.3	91.4	115.0	148.0	149.7	154.5	184.0
42.5°	47.6	65.6	80.6	89.5	99.4	118.2	149.7	171.3	178.8	199.8	223.4
40°	61.3	81.2	94.3	105.7	118.5	145.8	180.3	200.6	206.7	224.8	242.6
37.5°	75.1	94.3	108.9	122.7	140.3	177.2	217.2	233.9	237.0	240.3	279.7
35°	88.5	107.6	125.2	143.1	164.8	217.9	252.8	268.6	268.1	290.5	331.8
32.5°	100.9	121.3	142.1	166.0	201.8	256.1	291.1	300.5	314.8	347.4	403.8
30°	113.4	136.5	160.4	188.9	234.2	281.3	321.3	336.4	360.8	398.0	439.1
27.5°	126.2	152.1	181.0	214.4	259.8	303.1	337.3	373.4	397.1	430.5	459.7
25°	139.0	168.7	201.3	236.7	278.1	318.5	353.8	395.5	421.0	447.9	475.1
22.5°	152.4	185.5	222.3	254.4	293.6	331.6	373.5	418.8	452.0	469.1	487.3
20°	166.4	203.6	242.9	278.4	308.8	343.7	393.4	448.4	491.2	510.4	512.9
17.5°	180.2	221.2	263.5	301.9	334.6	365.7	414.2	483.8	537.1	554.9	562.9
15°	193.7	238.1	283.9	324.7	360.7	398.7	450.5	521.3	582.1	601.9	614.4
12.5°	206.6	254.2	303.9	346.8	386.7	429.4	483.4	548.2	603.8	642.0	665.0
10°	219.0	269.5	323.4	368.0	412.5	457.8	510.7	568.3	613.5	650.4	683.0
7.5°	225.3	279.4	340.2	388.1	437.6	484.1	533.0	582.4	620.5	656.7	688.2
5°	229.5	283.5	345.4	395.2	450.9	501.7	549.1	591.7	625.1	660.9	691.7
2.5°	232.6	286.1	349.0	399.0	456.0	507.1	553.7	594.8	628.9	664.0	695.5
0°	234.4	287.4	350.8	401.4	459.1	510.6	556.4	596.0	631.4	665.5	699.4
-2.5°	235.4	291.2	352.0	407.5	462.1	513.6	560.2	598.8	635.8	668.2	702.2
-5°	235.3	293.5	351.7	411.6	463.6	514.8	562.1	600.1	638.2	670.3	703.4
-7.5°	234.0	294.0	350.1	412.9	463.7	514.4	561.3	600.7	638.2	672.2	703.5
-10°	231.7	291.9	348.6	409.5	461.9	512.4	558.7	599.4	636.7	671.8	702.9
-12.5°	229.1	287.7	345.6	404.8	458.3	508.5	554.9	595.9	633.9	669.0	701.5
-15°	225.0	282.0	340.5	398.7	452.8	502.8	549.9	590.3	629.5	663.9	697.3
-17.5°	219.6	274.9	333.5	391.5	445.4	495.4	543.5	582.9	622.0	657.5	689.7
-20°	212.8	266.5	324.3	383.4	436.0	485.5	532.0	573.4	612.1	648.3	682.1



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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°	204.5	256.9	313.3	372.3	424.2	473.2	519.2	561.2	601.3	636.3	672.4
-25°	196.3	246.8	301.1	357.1	410.6	459.3	505.4	546.4	587.4	623.8	658.1
-27.5°	188.3	235.0	286.9	340.3	395.1	443.6	489.3	530.3	570.2	609.9	642.9
-30°	179.4	221.3	271.3	322.3	375.8	425.2	471.2	513.7	551.7	590.9	626.4
-32.5°	169.6	206.8	254.9	304.0	354.4	404.9	450.5	492.7	532.2	569.3	606.5
-35°	160.0	195.1	237.5	284.2	331.7	381.2	426.9	468.7	509.7	546.5	582.0
-37.5°	151.4	182.5	219.0	263.7	309.0	355.9	402.3	442.8	481.8	522.2	556.9
-40°	142.1	168.9	203.0	242.5	285.2	329.8	374.3	416.1	452.8	492.7	530.8
-42.5°	132.3	157.8	187.2	220.0	260.4	302.4	345.3	386.3	424.4	462.0	499.8
-45°	123.8	146.1	171.1	201.1	234.0	273.5	314.1	354.9	391.5	427.4	464.7
-47.5°	114.7	134.3	157.5	181.4	210.0	243.0	281.2	318.9	356.3	390.4	423.5
-50°	105.6	123.7	142.7	164.3	187.9	214.6	246.4	281.4	315.6	350.6	383.3
-52.5°	97.8	112.5	129.7	147.8	167.9	190.1	215.5	244.2	275.3	305.1	337.7
-55°	89.7	103.0	116.9	132.7	149.5	168.2	189.1	213.2	236.9	264.4	291.1
-57.5°	82.3	93.5	105.3	118.4	133.0	148.0	166.2	185.0	206.5	227.9	249.0
-60°	75.3	84.5	94.5	105.6	117.4	130.7	144.3	160.4	177.7	194.8	212.7
-62.5°	68.3	76.0	84.2	93.4	103.6	113.7	125.3	137.7	150.5	165.0	179.1
-65°	61.1	67.3	74.2	81.9	90.0	98.6	107.5	116.7	127.6	138.2	148.5
-67.5°	53.4	58.7	64.3	70.3	77.2	83.9	90.6	98.4	106.4	114.2	122.4
-70°	44.9	49.9	54.6	59.5	64.5	69.8	75.6	81.3	86.9	92.8	99.3
-72.5°	36.2	40.9	45.0	48.6	52.8	57.1	61.3	65.3	69.6	74.1	78.5
-75°	28.9	32.0	35.6	39.0	42.3	45.4	48.2	51.6	55.1	58.4	61.0
-77.5°	22.5	25.3	27.8	30.1	32.8	35.9	38.6	40.9	43.1	45.6	48.2
-80°	16.4	18.7	21.0	23.1	24.6	26.4	28.4	30.8	32.9	34.5	36.1
-82.5°	10.6	12.3	14.0	15.7	16.4	16.9	17.3	18.1	19.4	20.7	21.9
-85°	5.3	5.8	6.8	7.9	8.3	8.5	8.7	8.8	9.2	9.6	9.9
-87.5°	2.7	2.9	3.1	3.4	3.3	3.1	2.9	2.6	2.5	2.5	2.3
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



REPORT NUMBER: P645303 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA1A-740-U-LAM-VSR-XX

CANDELA DISTRIBUTION (continued):

	-35°	-32.5°	-30°	-27.5°	-25°	-22.5°	-20°	-17.5°	-15°	-12.5°	-10°
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
87.5°	0.2	0.2	0.2	0.2	0.2	0.1	0.1	0.0	0.0	0.0	0.0
85°	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.1	0.1
82.5°	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
80°	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
77.5°	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
75°	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
72.5°	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
70°	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
67.5°	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.1
65°	0.3	0.3	0.3	0.3	0.2	0.2	0.2	0.2	0.2	0.2	0.1
62.5°	0.5	0.5	0.4	0.4	0.4	0.4	0.4	0.4	0.3	0.3	0.4
60°	2.8	1.6	1.0	1.2	1.0	0.6	0.9	1.0	1.1	1.0	0.9
57.5°	15.9	11.9	8.8	21.0	21.1	10.1	12.2	19.1	15.7	5.1	4.8
55°	44.3	53.0	69.8	66.3	67.3	77.4	84.5	74.8	73.4	78.2	90.3
52.5°	79.6	87.9	93.5	98.8	105.2	112.1	119.2	123.8	128.0	132.5	135.2
50°	101.7	113.3	121.3	118.4	135.0	141.8	134.9	141.1	148.6	150.7	151.6
47.5°	150.1	167.3	170.7	181.7	191.6	191.3	182.9	183.4	205.8	225.6	235.3
45°	215.8	216.3	227.1	246.6	260.5	256.1	267.9	294.6	303.5	312.1	319.1
42.5°	241.3	251.9	269.1	286.3	296.7	305.7	314.4	324.2	335.8	345.1	352.6
40°	266.1	274.6	292.2	306.1	314.7	323.1	333.2	344.1	354.6	362.9	368.5
37.5°	304.2	310.8	315.1	328.0	344.2	336.7	355.9	369.7	376.0	384.4	385.1
35°	361.8	357.4	351.7	403.0	406.0	388.7	406.7	428.1	416.8	440.3	452.9
32.5°	413.0	412.3	457.0	484.0	468.5	481.1	522.5	520.7	548.4	561.2	557.5
30°	461.1	477.5	503.4	523.4	526.1	546.1	564.5	580.6	597.3	612.2	613.2
27.5°	485.5	507.0	524.5	536.1	549.1	565.9	582.6	600.7	614.9	624.3	626.6
25°	500.3	522.2	535.5	548.0	562.3	576.8	595.5	615.3	626.7	632.5	634.3
22.5°	513.3	533.0	547.3	557.4	572.8	588.4	605.9	622.6	635.0	637.5	638.4
20°	525.9	544.8	568.6	583.6	582.8	600.4	617.2	630.5	640.8	640.8	641.0
17.5°	562.2	568.9	612.2	645.1	628.8	620.2	666.5	667.4	670.1	664.7	652.8
15°	615.9	628.2	681.4	717.1	705.8	705.2	772.0	755.4	769.7	766.0	782.0
12.5°	672.9	687.4	727.1	762.2	778.8	782.9	805.2	826.1	830.4	828.8	825.6
10°	711.6	732.3	748.3	769.6	786.4	803.5	816.5	831.4	836.4	833.5	829.5
7.5°	716.7	737.2	755.9	774.5	790.6	804.4	817.8	830.0	835.0	833.3	830.6
5°	719.9	738.4	756.6	775.5	790.9	803.6	817.0	829.4	832.3	830.4	827.7
2.5°	721.8	739.0	756.5	775.4	789.3	801.5	815.0	828.2	828.2	827.4	825.8
0°	722.8	740.0	760.4	777.4	793.0	804.6	817.9	830.8	829.8	827.5	824.7
-2.5°	724.9	742.3	763.1	777.2	794.8	805.4	819.2	830.3	829.9	828.7	827.4
-5°	726.7	746.3	765.8	780.6	798.2	812.0	825.8	834.5	835.0	833.3	831.0
-7.5°	727.9	749.6	768.1	783.1	800.1	816.2	830.1	839.3	839.4	837.3	834.5
-10°	727.5	750.4	769.5	784.9	802.4	818.3	832.8	844.4	844.0	842.0	839.6
-12.5°	726.1	749.0	768.6	784.1	803.9	820.3	836.7	848.2	848.8	847.3	844.7
-15°	723.1	746.7	765.8	782.7	802.2	821.3	838.1	850.8	853.1	851.8	849.8
-17.5°	717.1	742.1	762.3	780.5	799.2	819.5	838.7	852.6	855.7	855.1	853.5
-20°	709.2	735.1	755.6	774.7	795.0	815.9	838.2	850.9	855.4	855.7	854.5



REPORT NUMBER: P645303 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA1A-740-U-LAM-VSR-XX

CANDELA DISTRIBUTION (continued):

	-35°	-32.5°	-30°	-27.5°	-25°	-22.5°	-20°	-17.5°	-15°	-12.5°	-10°
-22.5°	700.4	725.7	747.5	766.2	788.3	809.5	829.7	844.5	852.1	853.5	853.6
-25°	689.9	715.9	737.5	757.5	777.9	799.8	820.3	836.9	844.5	848.1	849.3
-27.5°	675.0	701.8	723.1	744.2	765.0	787.7	809.1	827.1	833.4	838.4	840.4
-30°	657.5	684.1	705.7	725.0	748.9	772.0	794.1	809.8	819.2	825.0	828.1
-32.5°	637.4	664.2	687.0	707.1	729.8	752.9	773.7	790.3	803.2	809.8	813.2
-35°	615.7	643.0	666.8	688.0	709.4	731.4	753.0	770.4	785.1	790.8	795.0
-37.5°	589.4	619.5	644.0	665.8	686.1	706.8	729.3	749.2	763.4	769.0	773.4
-40°	562.4	591.6	616.2	639.6	659.6	682.2	703.9	724.7	737.1	743.5	748.5
-42.5°	534.0	560.3	583.8	606.4	628.7	652.0	673.7	695.2	706.0	713.7	719.9
-45°	501.2	525.7	548.4	569.7	592.7	615.5	637.2	656.3	669.0	679.1	687.0
-47.5°	457.4	487.2	510.1	530.3	553.1	575.2	596.1	614.1	628.1	639.9	649.0
-50°	412.9	441.6	467.4	490.1	511.2	531.6	551.6	569.1	584.0	596.8	606.1
-52.5°	369.1	396.0	421.6	445.0	465.3	484.6	502.8	520.5	536.2	549.9	558.8
-55°	319.6	347.5	372.8	394.6	415.0	434.0	452.0	468.8	484.2	498.1	506.7
-57.5°	273.2	297.6	321.2	341.3	360.5	378.7	395.8	411.8	426.6	439.8	448.0
-60°	230.6	248.4	268.6	287.2	304.2	319.7	335.6	350.6	364.2	375.8	383.5
-62.5°	192.9	207.6	222.2	236.4	250.2	264.1	277.4	289.8	301.2	310.7	317.4
-65°	159.3	171.1	181.7	191.7	201.3	212.2	222.4	231.9	240.8	248.0	253.2
-67.5°	131.2	139.5	146.8	153.7	161.2	169.0	176.2	182.5	187.9	192.2	195.6
-70°	105.8	111.9	117.4	122.9	128.4	133.4	138.2	142.9	147.3	150.9	153.6
-72.5°	82.9	87.0	90.8	95.0	98.9	102.8	106.1	108.8	110.9	112.9	114.7
-75°	63.1	66.3	70.5	74.1	77.0	79.7	82.1	84.2	86.1	87.8	89.2
-77.5°	50.8	53.5	56.2	58.8	61.3	63.2	64.9	66.6	68.3	69.8	71.1
-80°	37.7	39.7	41.7	43.8	45.9	46.9	47.7	48.5	49.2	50.1	50.9
-82.5°	23.0	24.2	25.3	26.5	27.6	27.9	28.0	28.0	27.9	27.6	27.1
-85°	10.2	10.3	10.3	10.1	9.9	9.5	9.0	8.4	7.8	7.7	7.6
-87.5°	2.2	2.2	2.1	2.1	2.0	2.0	2.0	2.0	1.9	2.0	2.1
-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: P645303 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA1A-740-U-LAM-VSR-XX

CANDELA DISTRIBUTION (continued):

	-7.5°	-5°	-2.5°	0°	2.5°	5°	7.5°	10°	12.5°	15°	17.5°
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
87.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
85°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.1	0.2	0.2
82.5°	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
80°	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
77.5°	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
75°	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
72.5°	0.2	0.2	0.1	0.0	0.1	0.2	0.2	0.2	0.2	0.2	0.2
70°	0.2	0.2	0.1	0.0	0.1	0.2	0.2	0.2	0.2	0.2	0.2
67.5°	0.1	0.0	0.0	0.0	0.0	0.0	0.1	0.1	0.2	0.2	0.2
65°	0.1	0.0	0.0	0.0	0.0	0.0	0.1	0.1	0.2	0.2	0.2
62.5°	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.3	0.3	0.4
60°	0.7	0.5	0.4	0.4	0.4	0.5	0.7	0.9	1.0	1.1	1.0
57.5°	4.0	3.0	2.5	2.4	2.5	3.0	4.0	4.8	5.1	15.7	19.1
55°	99.0	104.1	107.8	109.6	107.8	104.1	99.0	90.3	78.2	73.4	74.8
52.5°	137.5	139.8	141.0	140.9	141.0	139.8	137.5	135.2	132.5	128.0	123.8
50°	153.3	154.3	154.7	154.5	154.7	154.3	153.3	151.6	150.7	148.6	141.1
47.5°	226.4	206.8	192.4	189.0	192.4	206.8	226.4	235.3	225.6	205.8	183.4
45°	322.5	329.9	337.3	339.6	337.3	329.9	322.5	319.1	312.1	303.5	294.6
42.5°	355.7	358.1	359.5	359.6	359.5	358.1	355.7	352.6	345.1	335.8	324.2
40°	371.6	373.9	375.2	375.3	375.2	373.9	371.6	368.5	362.9	354.6	344.1
37.5°	386.0	388.0	389.3	390.5	389.3	388.0	386.0	385.1	384.4	376.0	369.7
35°	451.2	436.4	415.2	418.4	415.2	436.4	451.2	452.9	440.3	416.8	428.1
32.5°	563.2	569.4	573.3	579.9	573.3	569.4	563.2	557.5	561.2	548.4	520.7
30°	614.9	617.0	620.1	623.3	620.1	617.0	614.9	613.2	612.2	597.3	580.6
27.5°	627.8	629.9	631.8	633.2	631.8	629.9	627.8	626.6	624.3	614.9	600.7
25°	634.5	635.8	637.8	639.6	637.8	635.8	634.5	634.3	632.5	626.7	615.3
22.5°	637.9	638.0	639.6	641.8	639.6	638.0	637.9	638.4	637.5	635.0	622.6
20°	640.2	639.0	640.6	642.0	640.6	639.0	640.2	641.0	640.8	640.8	630.5
17.5°	669.5	652.8	645.9	646.0	645.9	652.8	669.5	652.8	664.7	670.1	667.4
15°	764.0	770.3	794.3	807.3	794.3	770.3	764.0	782.0	766.0	769.7	755.4
12.5°	825.0	822.8	820.0	823.8	820.0	822.8	825.0	825.6	828.8	830.4	826.1
10°	827.8	827.6	822.5	828.0	822.5	827.6	827.8	829.5	833.5	836.4	831.4
7.5°	826.1	826.2	824.1	829.5	824.1	826.2	826.1	830.6	833.3	835.0	830.0
5°	827.3	823.5	824.9	828.0	824.9	823.5	827.3	827.7	830.4	832.3	829.4
2.5°	824.0	823.7	820.9	823.1	820.9	823.7	824.0	825.8	827.4	828.2	828.2
0°	821.6	819.6	819.6	821.4	819.6	819.6	821.6	824.7	827.5	829.8	830.8
-2.5°	826.0	825.5	825.2	824.0	825.2	825.5	826.0	827.4	828.7	829.9	830.3
-5°	829.5	828.4	825.4	829.5	825.4	828.4	829.5	831.0	833.3	835.0	834.5
-7.5°	833.3	830.6	827.7	834.1	827.7	830.6	833.3	834.5	837.3	839.4	839.3
-10°	836.8	832.8	830.0	836.3	830.0	832.8	836.8	839.6	842.0	844.0	844.4
-12.5°	841.5	836.8	834.9	838.3	834.9	836.8	841.5	844.7	847.3	848.8	848.2
-15°	846.4	843.2	842.7	844.7	842.7	843.2	846.4	849.8	851.8	853.1	850.8
-17.5°	850.8	848.5	849.6	851.8	849.6	848.5	850.8	853.5	855.1	855.7	852.6
-20°	852.8	851.5	852.8	858.4	852.8	851.5	852.8	854.5	855.7	855.4	850.9

Classified

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

Scaled Data Report



REPORT NUMBER: P645303 (CONVERTED FROM TYPE C PHOTOMETRY)
CATALOG NUMBER: GFLD-SA1A-740-U-LAM-VSR-XX

CANDELA DISTRIBUTION (continued):

	-7.5°	-5°	-2.5°	0°	2.5°	5°	7.5°	10°	12.5°	15°	17.5°
-22.5°	852.6	852.7	854.9	856.8	854.9	852.7	852.6	853.6	853.5	852.1	844.5
-25°	849.4	851.1	853.6	857.3	853.6	851.1	849.4	849.3	848.1	844.5	836.9
-27.5°	841.5	844.4	847.0	850.9	847.0	844.4	841.5	840.4	838.4	833.4	827.1
-30°	830.2	833.5	835.9	840.1	835.9	833.5	830.2	828.1	825.0	819.2	809.8
-32.5°	816.4	820.2	823.0	826.0	823.0	820.2	816.4	813.2	809.8	803.2	790.3
-35°	799.1	803.3	806.3	809.0	806.3	803.3	799.1	795.0	790.8	785.1	770.4
-37.5°	778.4	782.8	786.2	789.3	786.2	782.8	778.4	773.4	769.0	763.4	749.2
-40°	754.2	758.8	762.4	765.9	762.4	758.8	754.2	748.5	743.5	737.1	724.7
-42.5°	726.0	730.6	734.4	737.8	734.4	730.6	726.0	719.9	713.7	706.0	695.2
-45°	693.3	698.1	702.1	705.8	702.1	698.1	693.3	687.0	679.1	669.0	656.3
-47.5°	655.8	660.8	664.3	666.0	664.3	660.8	655.8	649.0	639.9	628.1	614.1
-50°	612.8	617.8	622.0	625.0	622.0	617.8	612.8	606.1	596.8	584.0	569.1
-52.5°	565.3	570.1	573.7	575.8	573.7	570.1	565.3	558.8	549.9	536.2	520.5
-55°	513.4	518.5	521.8	523.4	521.8	518.5	513.4	506.7	498.1	484.2	468.8
-57.5°	454.6	459.4	462.9	465.0	462.9	459.4	454.6	448.0	439.8	426.6	411.8
-60°	389.4	393.7	396.4	397.5	396.4	393.7	389.4	383.5	375.8	364.2	350.6
-62.5°	322.9	326.9	329.5	330.4	329.5	326.9	322.9	317.4	310.7	301.2	289.8
-65°	257.0	259.6	261.0	261.2	261.0	259.6	257.0	253.2	248.0	240.8	231.9
-67.5°	198.3	200.2	201.4	201.8	201.4	200.2	198.3	195.6	192.2	187.9	182.5
-70°	155.6	156.9	157.7	157.8	157.7	156.9	155.6	153.6	150.9	147.3	142.9
-72.5°	116.0	117.0	116.6	115.8	116.6	117.0	116.0	114.7	112.9	110.9	108.8
-75°	90.5	91.5	91.1	90.4	91.1	91.5	90.5	89.2	87.8	86.1	84.2
-77.5°	72.3	73.3	72.8	72.0	72.8	73.3	72.3	71.1	69.8	68.3	66.6
-80°	51.6	52.2	52.6	52.8	52.6	52.2	51.6	50.9	50.1	49.2	48.5
-82.5°	26.4	25.6	25.2	24.6	25.2	25.6	26.4	27.1	27.6	27.9	28.0
-85°	7.4	7.3	7.4	7.5	7.4	7.3	7.4	7.6	7.7	7.8	8.4
-87.5°	2.1	2.2	2.2	2.2	2.2	2.2	2.1	2.1	2.0	1.9	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: P645303 (CONVERTED FROM TYPE C PHOTOMETRY)
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CANDELA DISTRIBUTION (continued):

	20°	22.5°	25°	27.5°	30°	32.5°	35°	37.5°	40°	42.5°	45°
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
87.5°	0.1	0.1	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.1	0.1
85°	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
82.5°	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
80°	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
77.5°	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
75°	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
72.5°	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
70°	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
67.5°	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
65°	0.2	0.2	0.2	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3
62.5°	0.4	0.4	0.4	0.4	0.4	0.5	0.5	0.5	0.4	0.6	0.7
60°	0.9	0.6	1.0	1.2	1.0	1.6	2.8	2.6	0.7	4.1	4.8
57.5°	12.2	10.1	21.1	21.0	8.8	11.9	15.9	10.4	6.8	11.7	15.5
55°	84.5	77.4	67.3	66.3	69.8	53.0	44.3	42.6	33.3	21.7	25.8
52.5°	119.2	112.1	105.2	98.8	93.5	87.9	79.6	70.6	67.8	54.6	42.1
50°	134.9	141.8	135.0	118.4	121.3	113.3	101.7	92.1	94.1	86.0	69.3
47.5°	182.9	191.3	191.6	181.7	170.7	167.3	150.1	120.4	122.4	122.0	104.4
45°	267.9	256.1	260.5	246.6	227.1	216.3	215.8	184.0	154.5	149.7	148.0
42.5°	314.4	305.7	296.7	286.3	269.1	251.9	241.3	223.4	199.8	178.8	171.3
40°	333.2	323.1	314.7	306.1	292.2	274.6	266.1	242.6	224.8	206.7	200.6
37.5°	355.9	336.7	344.2	328.0	315.1	310.8	304.2	279.7	240.3	237.0	233.9
35°	406.7	388.7	406.0	403.0	351.7	357.4	361.8	331.8	290.5	268.1	268.6
32.5°	522.5	481.1	468.5	484.0	457.0	412.3	413.0	403.8	347.4	314.8	300.5
30°	564.5	546.1	526.1	523.4	503.4	477.5	461.1	439.1	398.0	360.8	336.4
27.5°	582.6	565.9	549.1	536.1	524.5	507.0	485.5	459.7	430.5	397.1	373.4
25°	595.5	576.8	562.3	548.0	535.5	522.2	500.3	475.1	447.9	421.0	395.5
22.5°	605.9	588.4	572.8	557.4	547.3	533.0	513.3	487.3	469.1	452.0	418.8
20°	617.2	600.4	582.8	583.6	568.6	544.8	525.9	512.9	510.4	491.2	448.4
17.5°	666.5	620.2	628.8	645.1	612.2	568.9	562.2	562.9	554.9	537.1	483.8
15°	772.0	705.2	705.8	717.1	681.4	628.2	615.9	614.4	601.9	582.1	521.3
12.5°	805.2	782.9	778.8	762.2	727.1	687.4	672.9	665.0	642.0	603.8	548.2
10°	816.5	803.5	786.4	769.6	748.3	732.3	711.6	683.0	650.4	613.5	568.3
7.5°	817.8	804.4	790.6	774.5	755.9	737.2	716.7	688.2	656.7	620.5	582.4
5°	817.0	803.6	790.9	775.5	756.6	738.4	719.9	691.7	660.9	625.1	591.7
2.5°	815.0	801.5	789.3	775.4	756.5	739.0	721.8	695.5	664.0	628.9	594.8
0°	817.9	804.6	793.0	777.4	760.4	740.0	722.8	699.4	665.5	631.4	596.0
-2.5°	819.2	805.4	794.8	777.2	763.1	742.3	724.9	702.2	668.2	635.8	598.8
-5°	825.8	812.0	798.2	780.6	765.8	746.3	726.7	703.4	670.3	638.2	600.1
-7.5°	830.1	816.2	800.1	783.1	768.1	749.6	727.9	703.5	672.2	638.2	600.7
-10°	832.8	818.3	802.4	784.9	769.5	750.4	727.5	702.9	671.8	636.7	599.4
-12.5°	836.7	820.3	803.9	784.1	768.6	749.0	726.1	701.5	669.0	633.9	595.9
-15°	838.1	821.3	802.2	782.7	765.8	746.7	723.1	697.3	663.9	629.5	590.3
-17.5°	838.7	819.5	799.2	780.5	762.3	742.1	717.1	689.7	657.5	622.0	582.9
-20°	838.2	815.9	795.0	774.7	755.6	735.1	709.2	682.1	648.3	612.1	573.4



REPORT NUMBER: P645303 (CONVERTED FROM TYPE C PHOTOMETRY)
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CANDELA DISTRIBUTION (continued):

	20°	22.5°	25°	27.5°	30°	32.5°	35°	37.5°	40°	42.5°	45°
-22.5°	829.7	809.5	788.3	766.2	747.5	725.7	700.4	672.4	636.3	601.3	561.2
-25°	820.3	799.8	777.9	757.5	737.5	715.9	689.9	658.1	623.8	587.4	546.4
-27.5°	809.1	787.7	765.0	744.2	723.1	701.8	675.0	642.9	609.9	570.2	530.3
-30°	794.1	772.0	748.9	725.0	705.7	684.1	657.5	626.4	590.9	551.7	513.7
-32.5°	773.7	752.9	729.8	707.1	687.0	664.2	637.4	606.5	569.3	532.2	492.7
-35°	753.0	731.4	709.4	688.0	666.8	643.0	615.7	582.0	546.5	509.7	468.7
-37.5°	729.3	706.8	686.1	665.8	644.0	619.5	589.4	556.9	522.2	481.8	442.8
-40°	703.9	682.2	659.6	639.6	616.2	591.6	562.4	530.8	492.7	452.8	416.1
-42.5°	673.7	652.0	628.7	606.4	583.8	560.3	534.0	499.8	462.0	424.4	386.3
-45°	637.2	615.5	592.7	569.7	548.4	525.7	501.2	464.7	427.4	391.5	354.9
-47.5°	596.1	575.2	553.1	530.3	510.1	487.2	457.4	423.5	390.4	356.3	318.9
-50°	551.6	531.6	511.2	490.1	467.4	441.6	412.9	383.3	350.6	315.6	281.4
-52.5°	502.8	484.6	465.3	445.0	421.6	396.0	369.1	337.7	305.1	275.3	244.2
-55°	452.0	434.0	415.0	394.6	372.8	347.5	319.6	291.1	264.4	236.9	213.2
-57.5°	395.8	378.7	360.5	341.3	321.2	297.6	273.2	249.0	227.9	206.5	185.0
-60°	335.6	319.7	304.2	287.2	268.6	248.4	230.6	212.7	194.8	177.7	160.4
-62.5°	277.4	264.1	250.2	236.4	222.2	207.6	192.9	179.1	165.0	150.5	137.7
-65°	222.4	212.2	201.3	191.7	181.7	171.1	159.3	148.5	138.2	127.6	116.7
-67.5°	176.2	169.0	161.2	153.7	146.8	139.5	131.2	122.4	114.2	106.4	98.4
-70°	138.2	133.4	128.4	122.9	117.4	111.9	105.8	99.3	92.8	86.9	81.3
-72.5°	106.1	102.8	98.9	95.0	90.8	87.0	82.9	78.5	74.1	69.6	65.3
-75°	82.1	79.7	77.0	74.1	70.5	66.3	63.1	61.0	58.4	55.1	51.6
-77.5°	64.9	63.2	61.3	58.8	56.2	53.5	50.8	48.2	45.6	43.1	40.9
-80°	47.7	46.9	45.9	43.8	41.7	39.7	37.7	36.1	34.5	32.9	30.8
-82.5°	28.0	27.9	27.6	26.5	25.3	24.2	23.0	21.9	20.7	19.4	18.1
-85°	9.0	9.5	9.9	10.1	10.3	10.3	10.2	9.9	9.6	9.2	8.8
-87.5°	2.0	2.0	2.0	2.1	2.1	2.2	2.2	2.3	2.5	2.5	2.6
-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: P645303 (CONVERTED FROM TYPE C PHOTOMETRY)
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CANDELA DISTRIBUTION (continued):

	47.5°	50°	52.5°	55°	57.5°	60°	62.5°	65°	67.5°	70°	72.5°
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
87.5°	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1
85°	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
82.5°	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.3	0.3	0.3
80°	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.3	0.3	0.4
77.5°	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.3	0.3	0.4
75°	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.3	0.3	0.4
72.5°	0.2	0.2	0.2	0.2	0.3	0.3	0.2	0.2	0.3	0.3	0.4
70°	0.2	0.2	0.2	0.2	0.3	0.3	0.3	0.3	0.3	0.3	0.4
67.5°	0.3	0.3	0.3	0.3	0.3	0.3	0.4	0.4	0.4	0.3	0.4
65°	0.3	0.4	0.4	0.5	0.5	0.3	0.4	0.7	0.6	0.5	0.4
62.5°	0.6	0.4	1.2	1.6	0.9	0.7	0.6	1.6	1.0	0.7	0.5
60°	1.5	1.2	3.3	5.2	3.6	1.2	1.8	2.8	2.5	0.9	0.7
57.5°	13.5	4.6	6.7	9.7	9.5	5.1	3.7	5.0	4.3	2.5	1.0
55°	28.7	24.2	15.9	14.6	15.8	12.7	8.2	8.1	6.7	4.6	1.6
52.5°	39.4	41.1	35.8	25.0	21.7	20.7	16.2	11.8	10.4	6.9	4.0
50°	57.0	53.1	52.5	44.1	30.5	27.6	23.9	18.4	14.7	9.9	6.8
47.5°	80.5	70.7	65.5	61.7	48.7	35.2	31.3	25.2	19.3	14.3	9.7
45°	115.0	91.4	81.3	75.2	66.7	49.5	39.2	31.8	25.2	19.2	12.7
42.5°	149.7	118.2	99.4	89.5	80.6	65.6	47.6	39.3	30.9	24.1	16.5
40°	180.3	145.8	118.5	105.7	94.3	81.2	61.3	47.5	36.5	29.3	20.9
37.5°	217.2	177.2	140.3	122.7	108.9	94.3	75.1	55.9	43.3	34.7	25.3
35°	252.8	217.9	164.8	143.1	125.2	107.6	88.5	66.0	51.5	40.1	29.7
32.5°	291.1	256.1	201.8	166.0	142.1	121.3	100.9	78.1	59.9	45.7	34.1
30°	321.3	281.3	234.2	188.9	160.4	136.5	113.4	89.8	68.2	51.3	38.5
27.5°	337.3	303.1	259.8	214.4	181.0	152.1	126.2	101.0	76.5	57.4	43.1
25°	353.8	318.5	278.1	236.7	201.3	168.7	139.0	111.7	85.6	64.3	47.7
22.5°	373.5	331.6	293.6	254.4	222.3	185.5	152.4	122.5	94.7	71.1	52.1
20°	393.4	343.7	308.8	278.4	242.9	203.6	166.4	133.0	103.3	77.7	56.5
17.5°	414.2	365.7	334.6	301.9	263.5	221.2	180.2	143.2	111.4	84.1	60.8
15°	450.5	398.7	360.7	324.7	283.9	238.1	193.7	153.0	118.9	90.3	64.8
12.5°	483.4	429.4	386.7	346.8	303.9	254.2	206.6	162.3	125.8	95.2	68.3
10°	510.7	457.8	412.5	368.0	323.4	269.5	219.0	169.9	130.0	98.8	71.5
7.5°	533.0	484.1	437.6	388.1	340.2	279.4	225.3	174.3	133.3	101.9	74.5
5°	549.1	501.7	450.9	395.2	345.4	283.5	229.5	177.9	135.9	104.5	77.2
2.5°	553.7	507.1	456.0	399.0	349.0	286.1	232.6	180.6	137.9	106.6	79.5
0°	556.4	510.6	459.1	401.4	350.8	287.4	234.4	182.5	139.3	108.3	81.6
-2.5°	560.2	513.6	462.1	407.5	352.0	291.2	235.4	183.7	141.1	108.9	82.8
-5°	562.1	514.8	463.6	411.6	351.7	293.5	235.3	184.2	142.3	109.1	83.7
-7.5°	561.3	514.4	463.7	412.9	350.1	294.0	234.0	183.8	142.7	109.0	84.2
-10°	558.7	512.4	461.9	409.5	348.6	291.9	231.7	182.6	142.5	108.5	84.4
-12.5°	554.9	508.5	458.3	404.8	345.6	287.7	229.1	180.6	141.3	107.7	84.3
-15°	549.9	502.8	452.8	398.7	340.5	282.0	225.0	177.7	139.1	106.9	83.8
-17.5°	543.5	495.4	445.4	391.5	333.5	274.9	219.6	173.9	136.3	105.9	82.8
-20°	532.0	485.5	436.0	383.4	324.3	266.5	212.8	169.2	132.9	104.4	81.3



REPORT NUMBER: P645303 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA1A-740-U-LAM-VSR-XX

CANDELA DISTRIBUTION (continued):

	47.5°	50°	52.5°	55°	57.5°	60°	62.5°	65°	67.5°	70°	72.5°
-22.5°	519.2	473.2	424.2	372.3	313.3	256.9	204.5	163.7	129.1	102.5	79.6
-25°	505.4	459.3	410.6	357.1	301.1	246.8	196.3	157.3	124.7	100.1	77.6
-27.5°	489.3	443.6	395.1	340.3	286.9	235.0	188.3	151.6	120.5	97.3	75.3
-30°	471.2	425.2	375.8	322.3	271.3	221.3	179.4	145.5	117.0	94.2	72.7
-32.5°	450.5	404.9	354.4	304.0	254.9	206.8	169.6	139.0	112.9	90.9	70.4
-35°	426.9	381.2	331.7	284.2	237.5	195.1	160.0	132.1	108.3	87.3	67.9
-37.5°	402.3	355.9	309.0	263.7	219.0	182.5	151.4	125.3	103.1	83.5	65.2
-40°	374.3	329.8	285.2	242.5	203.0	168.9	142.1	118.6	98.2	79.4	62.2
-42.5°	345.3	302.4	260.4	220.0	187.2	157.8	132.3	111.4	93.0	75.5	58.9
-45°	314.1	273.5	234.0	201.1	171.1	146.1	123.8	103.9	87.5	71.5	55.6
-47.5°	281.2	243.0	210.0	181.4	157.5	134.3	114.7	97.4	81.7	67.2	52.2
-50°	246.4	214.6	187.9	164.3	142.7	123.7	105.6	90.6	76.4	62.4	48.6
-52.5°	215.5	190.1	167.9	147.8	129.7	112.5	97.8	83.7	70.9	57.9	44.9
-55°	189.1	168.2	149.5	132.7	116.9	103.0	89.7	77.5	65.2	53.3	41.2
-57.5°	166.2	148.0	133.0	118.4	105.3	93.5	82.3	71.2	59.8	48.6	38.2
-60°	144.3	130.7	117.4	105.6	94.5	84.5	75.3	64.8	54.4	43.9	35.0
-62.5°	125.3	113.7	103.6	93.4	84.2	76.0	68.3	58.6	48.8	39.5	31.4
-65°	107.5	98.6	90.0	81.9	74.2	67.3	61.1	52.3	43.2	34.9	27.7
-67.5°	90.6	83.9	77.2	70.3	64.3	58.7	53.4	45.5	37.3	30.0	24.0
-70°	75.6	69.8	64.5	59.5	54.6	49.9	44.9	38.2	31.2	25.7	20.3
-72.5°	61.3	57.1	52.8	48.6	45.0	40.9	36.2	31.0	26.1	21.2	16.4
-75°	48.2	45.4	42.3	39.0	35.6	32.0	28.9	25.2	20.9	16.7	13.2
-77.5°	38.6	35.9	32.8	30.1	27.8	25.3	22.5	19.4	16.0	13.0	10.2
-80°	28.4	26.4	24.6	23.1	21.0	18.7	16.4	14.1	11.6	9.3	7.1
-82.5°	17.3	16.9	16.4	15.7	14.0	12.3	10.6	9.0	7.2	5.5	4.6
-85°	8.7	8.5	8.3	7.9	6.8	5.8	5.3	4.8	4.2	3.6	3.1
-87.5°	2.9	3.1	3.3	3.4	3.1	2.9	2.7	2.4	2.1	1.8	1.5
-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
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Peachtree City, GA 30269

Scaled Data Report



REPORT NUMBER: P645303 (CONVERTED FROM TYPE C PHOTOMETRY)
CATALOG NUMBER: GFLD-SA1A-740-U-LAM-VSR-XX

CANDELA DISTRIBUTION (continued):

	75°	77.5°	80°	82.5°	85°	87.5°	90°
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0
87.5°	0.1	0.1	0.1	0.1	0.0	0.0	0.0
85°	0.2	0.2	0.1	0.1	0.1	0.0	0.0
82.5°	0.3	0.3	0.2	0.2	0.1	0.1	0.0
80°	0.4	0.3	0.3	0.2	0.1	0.1	0.0
77.5°	0.4	0.4	0.3	0.3	0.2	0.1	0.0
75°	0.4	0.4	0.4	0.3	0.2	0.1	0.0
72.5°	0.4	0.4	0.4	0.4	0.2	0.1	0.0
70°	0.4	0.4	0.4	0.4	0.3	0.2	0.0
67.5°	0.5	0.4	0.4	0.4	0.3	0.2	0.0
65°	0.5	0.5	0.4	0.4	0.3	0.2	0.0
62.5°	0.6	0.6	0.5	0.4	0.4	0.2	0.0
60°	0.7	0.7	0.5	0.4	0.4	0.2	0.0
57.5°	1.3	0.9	0.6	0.5	0.4	0.2	0.0
55°	2.0	1.0	0.8	0.5	0.4	0.3	0.0
52.5°	2.9	1.3	0.9	0.5	0.5	0.3	0.0
50°	3.9	2.3	1.1	0.5	0.5	0.3	0.0
47.5°	5.2	3.3	1.3	0.5	0.5	0.3	0.0
45°	7.8	4.4	1.5	0.7	0.5	0.3	0.0
42.5°	10.5	5.5	1.6	0.8	0.5	0.3	0.0
40°	13.3	6.7	2.2	1.0	0.5	0.4	0.0
37.5°	16.1	8.0	3.2	1.2	0.6	0.4	0.0
35°	19.0	10.0	4.1	1.5	0.6	0.4	0.0
32.5°	22.1	12.2	5.1	1.7	0.6	0.4	0.0
30°	25.6	14.5	6.1	2.0	0.6	0.4	0.0
27.5°	29.1	16.7	7.3	2.3	0.7	0.4	0.0
25°	32.5	18.9	8.6	2.7	0.7	0.4	0.0
22.5°	35.8	21.1	9.8	3.0	0.7	0.4	0.0
20°	39.0	23.5	11.1	3.3	0.7	0.5	0.0
17.5°	42.2	25.8	12.3	3.7	0.8	0.5	0.0
15°	45.2	28.0	13.5	4.1	0.8	0.5	0.0
12.5°	48.0	30.1	14.6	4.4	0.8	0.5	0.0
10°	50.7	32.1	15.7	4.8	0.8	0.5	0.0
7.5°	53.1	34.0	16.8	5.1	0.8	0.5	0.0
5°	55.3	35.7	17.7	5.4	0.9	0.5	0.0
2.5°	57.3	37.3	18.6	5.7	0.9	0.5	0.0
0°	59.0	38.7	19.4	6.0	0.9	0.5	0.0
-2.5°	59.9	39.6	20.1	6.4	1.0	0.5	0.0
-5°	60.5	40.3	20.8	6.8	1.2	0.6	0.0
-7.5°	60.9	40.8	21.3	7.1	1.3	0.6	0.0
-10°	61.1	41.1	21.7	7.4	1.5	0.6	0.0
-12.5°	61.0	41.2	21.9	7.6	1.6	0.6	0.0
-15°	60.8	41.2	22.1	7.8	1.7	0.7	0.0
-17.5°	60.4	40.9	22.1	8.0	1.8	0.7	0.0
-20°	59.7	40.5	21.9	8.0	1.9	0.7	0.0

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CATALOG NUMBER: GFLD-SA1A-740-U-LAM-VSR-XX

CANDELA DISTRIBUTION (continued):

	75°	77.5°	80°	82.5°	85°	87.5°	90°
-22.5°	58.7	39.9	21.6	8.1	2.0	0.7	0.0
-25°	57.5	38.9	21.1	8.0	2.1	0.7	0.0
-27.5°	56.0	37.7	20.5	7.9	2.1	0.8	0.0
-30°	54.3	36.3	19.8	7.8	2.2	0.8	0.0
-32.5°	52.4	34.8	18.9	7.5	2.2	0.8	0.0
-35°	50.3	33.1	17.9	7.3	2.3	0.8	0.0
-37.5°	48.1	31.4	16.8	6.9	2.3	0.8	0.0
-40°	45.7	29.9	15.6	6.5	2.3	0.8	0.0
-42.5°	43.1	28.3	14.7	6.0	2.3	0.7	0.0
-45°	40.4	26.5	14.0	5.5	2.3	0.7	0.0
-47.5°	37.5	24.7	13.3	5.0	2.2	0.7	0.0
-50°	35.1	22.8	12.5	4.8	2.2	0.7	0.0
-52.5°	32.7	20.7	11.5	4.7	2.1	0.7	0.0
-55°	30.2	19.2	10.4	4.6	2.0	0.6	0.0
-57.5°	27.6	17.6	9.3	4.4	1.9	0.6	0.0
-60°	25.0	15.9	8.1	4.1	1.8	0.6	0.0
-62.5°	22.5	14.1	7.5	3.8	1.7	0.5	0.0
-65°	19.9	12.1	6.8	3.5	1.6	0.5	0.0
-67.5°	17.2	10.4	6.1	3.1	1.4	0.5	0.0
-70°	14.3	9.1	5.3	2.7	1.3	0.4	0.0
-72.5°	12.1	7.7	4.4	2.4	1.2	0.4	0.0
-75°	9.9	6.2	3.5	2.1	1.0	0.3	0.0
-77.5°	7.5	4.7	2.9	1.7	0.8	0.3	0.0
-80°	5.1	3.6	2.4	1.4	0.7	0.2	0.0
-82.5°	3.8	2.7	1.8	1.1	0.5	0.2	0.0
-85°	2.5	1.8	1.2	0.7	0.3	0.1	0.0
-87.5°	1.3	0.9	0.6	0.4	0.2	0.1	0.0
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0

(END OF REPORT)