

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: P627075 (CONVERTED FROM TYPE C PHOTOMETRY)

Luminaire Tested: GFLD-SA3B-727-U-MR-XX

Issue Date: 12/7/2022

Test Information

Test Method: LM-79-2019
Report Number: P627075 (CONVERTED FROM TYPE C PHOTOMETRY)
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G2-2210-813-13)
Test Lab: COOPER LIGHTING SOLUTIONS
Issue Date: 5/9/2023
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: MCGRAW-EDISON
Catalog Number: GFLD-SA3B-727-U-MR-XX
Description: GALLEON FLOOD, THREE LIGHT SQUARE, MEDIUM SYMMETRICAL ROUND N62
Light Source: (48) 2700K CCT, 70 CRI LEDS
Ballast/Driver: -

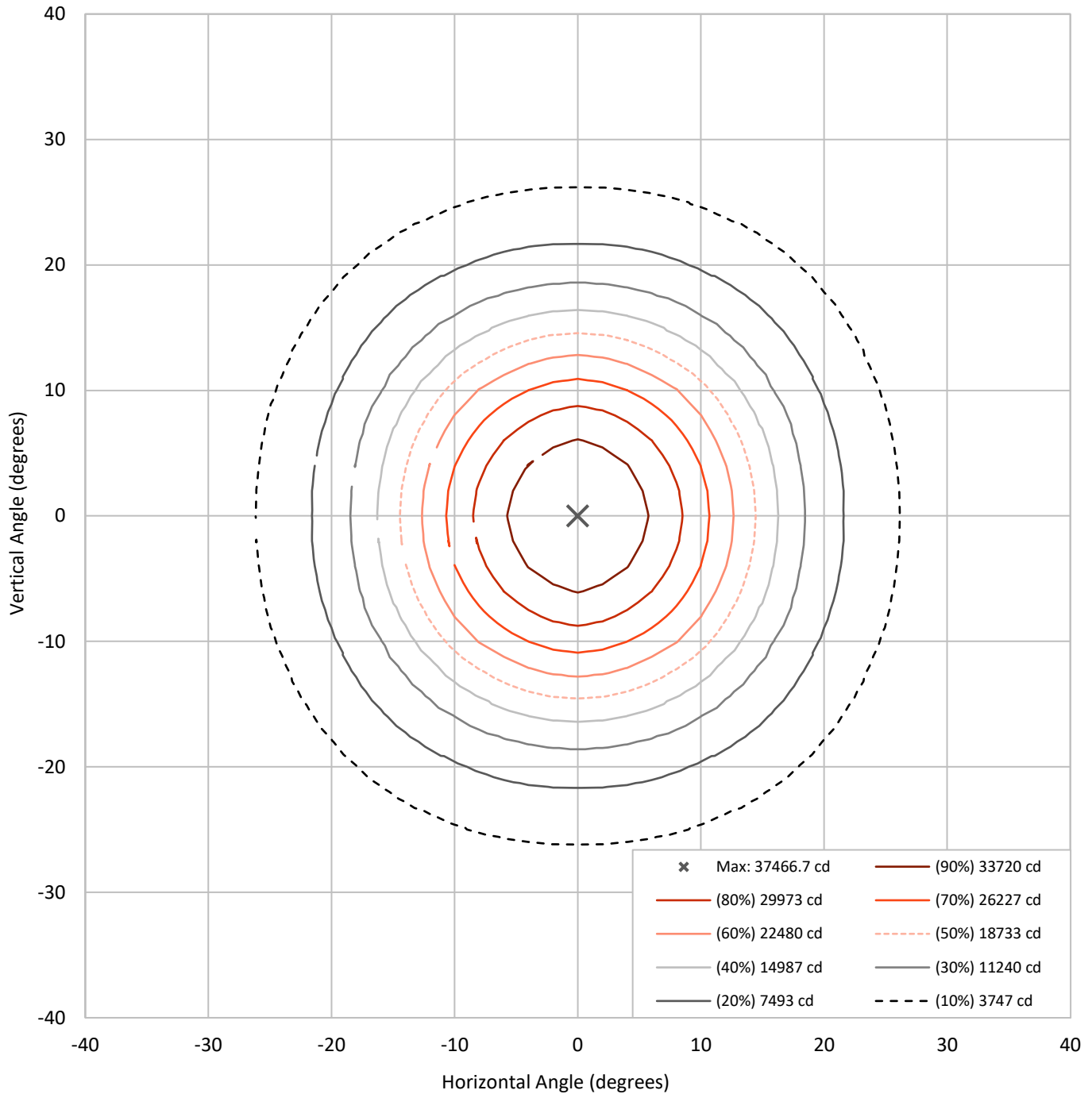
Summary

Lumens per Lamp:	N/A	NEMA Type:	4H x 4V
Luminaire Lumens:	11705.9 lumens	Max Intensity:	37466.7 candela
Efficiency:	N/A	Max Intensity Angle:	0°H x 0°V
Efficacy:	124.9 lumens/watt		
Luminous Opening:	Rectangular (W 1.5' x L: 0.5' x H: 0')		
Beam Angle (50%):	28.8°H x 29°V	Field Angle (10%):	52.3°H x 52.3°V
Beam Lumens:	5691.2 lumens	Field Lumens:	9604.5 lumens
Beam Efficiency:	48.6%	Field Efficiency:	82.0%
Input Watts (W):	93.7		
Input Voltage (V):	120		
Input Current (Ain):	NR		
Voltage Rise (V):	NR		
Power Factor:	NR		
Total Harmonic Distortion (THDi):	NR		
Frequency (hertz):	60		
Stabilization Time:	NR		
Operation Time:	NR		
Ambient Temperature (°C):	NR		
Test Distance:	25 FT		



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Iso-Candela Plot





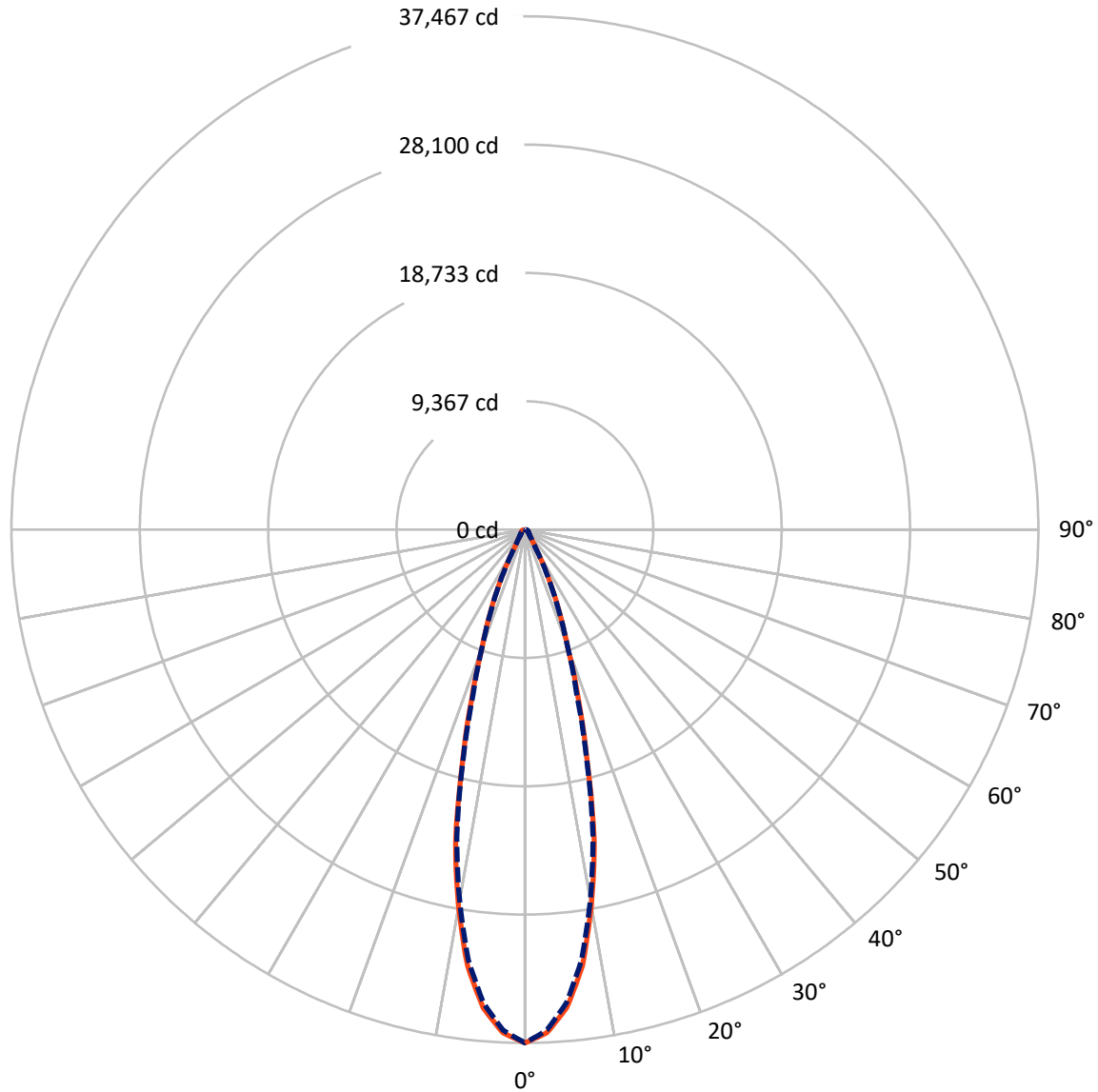
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Lumen Table

90	0.2	1.9		5.1		8.0		8.9		8.0		5.1		1.9		0.2			
80	0.2	1.9		5.1		8.0		8.9		8.0		5.1		1.9		0.2			
70	0.9	1.0	2.0	3.3	4.6	5.7	6.3	6.7	6.7	6.3	5.7	4.6	3.3	2.0	1.0	0.9			
60		1.5	3.0	4.9	6.5	8.1	9.0	9.4	9.4	9.0	8.1	6.5	4.9	3.0	1.5				
50	1.5	1.9	3.9	6.0	8.0	10.1	11.9	12.8	12.8	11.9	10.1	8.0	6.0	3.9	1.9	1.5			
40		2.3	4.5	7.0	9.8	14.0	20.3	26.4	26.4	20.3	14.0	9.8	7.0	4.5	2.3				
30	2.0	2.5	5.0	7.8	12.6	27.4	77.1	136.6	136.6	77.1	27.4	12.6	7.8	5.0	2.5	2.0			
20		2.7	5.2	8.5	17.1	71.8	256.1	490.7	490.7	256.1	71.8	17.1	8.5	5.2	2.7				
10	2.1	2.8	5.3	9.0	21.8	124.0	474.0	932.3	932.3	474.0	124.0	21.8	9.0	5.3	2.8	2.1			
0		2.8	5.3	9.0	21.8	124.0	474.0	932.3	932.3	474.0	124.0	21.8	9.0	5.3	2.8				
-10	2.0	2.7	5.2	8.5	17.1	71.8	256.1	490.7	490.7	256.1	71.8	17.1	8.5	5.2	2.7	2.0			
-20		2.5	5.0	7.8	12.6	27.4	77.1	136.6	136.6	77.1	27.4	12.6	7.8	5.0	2.5				
-30	1.5	2.3	4.5	7.0	9.8	14.0	20.3	26.4	26.4	20.3	14.0	9.8	7.0	4.5	2.3	1.5			
-40		1.9	3.9	6.0	8.0	10.1	11.9	12.8	12.8	11.9	10.1	8.0	6.0	3.9	1.9				
-50	0.9	1.5	3.0	4.9	6.5	8.1	9.0	9.4	9.4	9.0	8.1	6.5	4.9	3.0	1.5	0.9			
-60		1.0	2.0	3.3	4.6	5.7	6.3	6.7	6.7	6.3	5.7	4.6	3.3	2.0	1.0				
-70	0.2	1.9		5.1		8.0		8.9		8.0		5.1		1.9		0.2			
-80		1.9		5.1		8.0		8.9		8.0		5.1		1.9					
-90	0.2	1.9		5.1		8.0		8.9		8.0		5.1		1.9		0.2			
	-90	-80	-70	-60	-50	-40	-30	-20	-10	0	10	20	30	40	50	60	70	80	90

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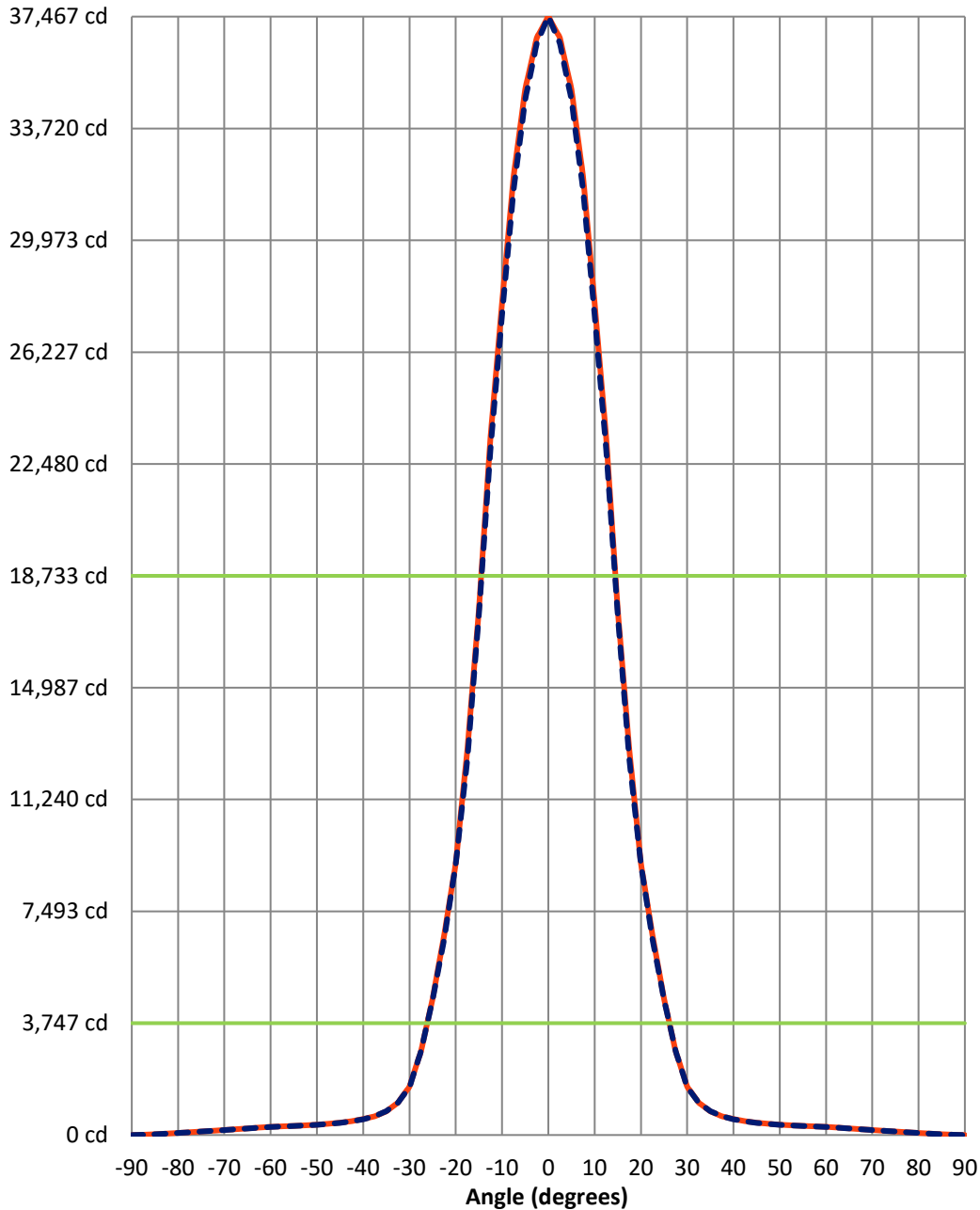
Luminous Intensity Polar Plot



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

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Luminous Intensity Plot



Beam:
 H Angle: 28.8°
 V Angle: 29°
 Lumens: 5691.2
 Efficiency: 48.6%

Field:
 H Angle: 52.3°
 V Angle: 52.3°
 Lumens: 9604.5
 Efficiency: 82.0%

Spill:
 Lumens: 2101.4
 Efficiency: 18.0%

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

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FIELD
BEAM

CANDELA DISTRIBUTION:

	-90°	-87.5°	-85°	-82.5°	-80°	-77.5°	-75°	-72.5°	-70°	-67.5°	-65°
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
87.5°	0.0	0.4	0.8	1.3	1.7	2.1	2.5	2.9	3.3	3.7	4.1
85°	0.0	0.8	1.7	2.5	3.3	4.2	5.0	5.8	6.6	7.3	8.1
82.5°	0.0	1.3	2.5	3.7	5.0	6.2	7.4	8.6	10.0	12.3	14.7
80°	0.0	1.7	3.3	5.0	6.6	8.3	10.1	13.0	16.1	19.4	22.7
77.5°	0.0	2.1	4.2	6.2	8.3	10.9	14.4	18.2	22.2	26.3	30.9
75°	0.0	2.5	5.0	7.4	10.1	14.4	18.7	23.2	28.2	34.0	39.8
72.5°	0.0	2.9	5.8	8.6	12.9	17.9	22.9	28.5	35.3	42.0	48.5
70°	0.0	3.3	6.6	10.0	15.7	21.4	27.2	34.7	42.3	49.8	58.0
67.5°	0.0	3.7	7.3	12.1	18.5	24.8	32.4	40.7	49.2	58.4	67.5
65°	0.0	4.1	8.1	14.1	21.1	28.6	37.6	46.6	56.7	66.8	77.1
62.5°	0.0	4.4	8.9	16.1	23.8	32.9	42.6	52.9	64.0	75.2	86.9
60°	0.0	4.8	9.6	18.0	26.4	37.0	47.5	59.2	71.2	83.7	96.5
57.5°	0.0	5.2	10.8	19.9	29.6	41.0	52.7	65.3	78.4	91.9	105.9
55°	0.0	5.5	12.1	21.7	32.7	44.9	57.8	71.3	85.4	99.9	115.2
52.5°	0.0	5.8	13.3	23.5	35.7	48.8	62.7	77.2	92.0	108.0	124.3
50°	0.0	6.2	14.4	25.2	38.7	52.6	67.4	82.8	98.6	115.9	132.6
47.5°	0.0	6.5	15.5	27.0	41.5	56.3	71.9	88.2	105.3	123.5	140.5
45°	0.0	6.8	16.6	29.1	44.2	59.9	76.3	93.5	111.8	130.1	147.9
42.5°	0.0	7.1	17.6	31.0	46.9	63.2	80.6	98.7	118.0	136.4	154.8
40°	0.0	7.4	18.6	32.9	49.4	66.4	84.7	103.7	123.6	142.3	161.3
37.5°	0.0	7.6	19.5	34.6	51.8	69.3	88.5	108.5	128.6	148.0	167.5
35°	0.0	7.9	20.4	36.2	54.0	72.3	92.2	112.9	133.3	153.3	173.2
32.5°	0.0	8.1	21.2	37.7	56.1	75.1	95.6	117.0	137.7	158.3	178.8
30°	0.0	8.3	22.0	39.0	58.0	77.8	98.9	120.7	141.8	163.0	184.0
27.5°	0.0	8.5	22.7	40.3	59.8	80.2	101.9	123.9	145.6	167.2	188.8
25°	0.0	8.7	23.3	41.4	61.4	82.4	104.5	126.9	149.1	171.1	193.2
22.5°	0.0	8.9	23.9	42.4	62.9	84.5	106.9	129.6	152.2	174.6	197.6
20°	0.0	9.0	24.5	43.2	64.3	86.2	109.0	132.0	154.9	177.8	201.5
17.5°	0.0	9.2	24.9	44.0	65.5	87.7	110.9	134.1	157.3	180.5	204.9
15°	0.0	9.3	25.3	44.6	66.6	88.9	112.7	136.0	159.3	182.8	207.7
12.5°	0.0	9.4	25.7	45.1	67.5	89.9	114.2	137.8	161.2	184.6	210.1
10°	0.0	9.5	26.0	45.4	68.3	90.7	115.5	139.3	162.9	186.9	212.3
7.5°	0.0	9.5	26.2	45.7	68.9	91.2	116.5	140.4	164.2	188.9	214.7
5°	0.0	9.6	26.4	45.8	69.3	91.5	117.2	141.2	165.1	190.5	216.7
2.5°	0.0	9.6	26.5	45.8	69.6	91.6	117.6	141.7	165.7	191.7	218.0
0°	0.0	9.6	26.5	45.8	69.6	91.6	117.6	141.7	165.7	191.7	218.0
-2.5°	0.0	9.6	26.5	45.8	69.6	91.6	117.6	141.7	165.7	191.7	218.0
-5°	0.0	9.6	26.4	45.8	69.3	91.5	117.2	141.2	165.1	190.5	216.7
-7.5°	0.0	9.5	26.2	45.7	68.9	91.2	116.5	140.4	164.2	188.9	214.7
-10°	0.0	9.5	26.0	45.4	68.3	90.7	115.5	139.3	162.9	186.9	212.3
-12.5°	0.0	9.4	25.7	45.1	67.5	89.9	114.2	137.8	161.2	184.6	210.1
-15°	0.0	9.3	25.3	44.6	66.6	88.9	112.7	136.0	159.3	182.8	207.7
-17.5°	0.0	9.2	24.9	44.0	65.5	87.7	110.9	134.1	157.3	180.5	204.9
-20°	0.0	9.0	24.5	43.2	64.3	86.2	109.0	132.0	154.9	177.8	201.5

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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	8.9	23.9	42.4	62.9	84.5	106.9	129.6	152.2	174.6	197.6
-25°	0.0	8.7	23.3	41.4	61.4	82.4	104.5	126.9	149.1	171.1	193.2
-27.5°	0.0	8.5	22.7	40.3	59.8	80.2	101.9	123.9	145.6	167.2	188.8
-30°	0.0	8.3	22.0	39.0	58.0	77.8	98.9	120.7	141.8	163.0	184.0
-32.5°	0.0	8.1	21.2	37.7	56.1	75.1	95.6	117.0	137.7	158.3	178.8
-35°	0.0	7.9	20.4	36.2	54.0	72.3	92.2	112.9	133.3	153.3	173.2
-37.5°	0.0	7.6	19.5	34.6	51.8	69.3	88.5	108.5	128.6	148.0	167.5
-40°	0.0	7.4	18.6	32.9	49.4	66.4	84.7	103.7	123.6	142.3	161.3
-42.5°	0.0	7.1	17.6	31.0	46.9	63.2	80.6	98.7	118.0	136.4	154.8
-45°	0.0	6.8	16.6	29.1	44.2	59.9	76.3	93.5	111.8	130.1	147.9
-47.5°	0.0	6.5	15.5	27.0	41.5	56.3	71.9	88.2	105.3	123.5	140.5
-50°	0.0	6.2	14.4	25.2	38.7	52.6	67.4	82.8	98.6	115.9	132.6
-52.5°	0.0	5.8	13.3	23.5	35.7	48.8	62.7	77.2	92.0	108.0	124.3
-55°	0.0	5.5	12.1	21.7	32.7	44.9	57.8	71.3	85.4	99.9	115.2
-57.5°	0.0	5.2	10.8	19.9	29.6	41.0	52.7	65.3	78.4	91.9	105.9
-60°	0.0	4.8	9.6	18.0	26.4	37.0	47.5	59.2	71.2	83.7	96.5
-62.5°	0.0	4.4	8.9	16.1	23.8	32.9	42.6	52.9	64.0	75.2	86.9
-65°	0.0	4.1	8.1	14.1	21.1	28.6	37.6	46.6	56.7	66.8	77.1
-67.5°	0.0	3.7	7.3	12.1	18.5	24.8	32.4	40.7	49.2	58.4	67.5
-70°	0.0	3.3	6.6	10.0	15.7	21.4	27.2	34.7	42.3	49.8	58.0
-72.5°	0.0	2.9	5.8	8.6	12.9	17.9	22.9	28.5	35.3	42.0	48.5
-75°	0.0	2.5	5.0	7.4	10.1	14.4	18.7	23.2	28.2	34.0	39.8
-77.5°	0.0	2.1	4.2	6.2	8.3	10.9	14.4	18.2	22.2	26.3	30.9
-80°	0.0	1.7	3.3	5.0	6.6	8.3	10.1	13.0	16.1	19.4	22.7
-82.5°	0.0	1.3	2.5	3.7	5.0	6.2	7.4	8.6	10.0	12.3	14.7
-85°	0.0	0.8	1.7	2.5	3.3	4.2	5.0	5.8	6.6	7.3	8.1
-87.5°	0.0	0.4	0.8	1.3	1.7	2.1	2.5	2.9	3.3	3.7	4.1
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



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CANDELA DISTRIBUTION (continued):

	-62.5°	-60°	-57.5°	-55°	-52.5°	-50°	-47.5°	-45°	-42.5°	-40°	-37.5°
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
87.5°	4.4	4.8	5.2	5.5	5.8	6.2	6.5	6.8	7.1	7.4	7.6
85°	8.9	9.6	11.0	12.4	13.8	15.1	16.4	17.6	18.7	19.9	20.9
82.5°	17.0	19.2	21.3	23.4	25.5	27.5	29.4	31.2	32.9	34.6	36.1
80°	25.8	28.8	31.7	34.4	37.1	39.7	42.2	44.7	47.0	49.5	52.1
77.5°	35.1	38.9	42.3	45.4	48.8	52.9	56.8	60.6	64.2	67.7	71.0
75°	44.7	49.0	53.7	58.3	63.1	68.0	72.8	77.4	81.9	86.5	91.1
72.5°	54.8	60.6	66.3	71.8	77.8	83.8	89.3	94.3	100.0	106.2	112.0
70°	65.5	72.3	79.4	86.4	93.3	100.0	106.8	113.7	120.6	127.3	133.7
67.5°	76.3	84.7	93.0	101.0	108.8	116.8	124.9	133.2	141.1	148.7	156.1
65°	87.8	97.2	106.4	115.4	124.2	133.9	143.4	152.6	162.7	172.0	180.2
62.5°	98.9	109.5	119.7	129.9	140.5	151.2	162.3	173.9	185.9	194.5	201.9
60°	109.6	121.6	133.0	144.6	156.4	168.6	181.3	193.6	204.6	214.0	221.9
57.5°	120.1	133.5	146.1	158.7	171.7	185.5	199.5	212.0	222.3	231.4	240.0
55°	130.3	145.1	158.5	171.9	186.6	202.8	217.1	228.5	239.0	246.5	254.7
52.5°	139.9	155.7	169.8	184.9	201.7	218.5	232.7	243.8	252.6	260.4	268.4
50°	149.2	165.1	180.7	197.8	215.5	232.4	246.9	257.0	265.8	274.0	281.7
47.5°	157.5	174.1	191.7	210.0	228.6	245.2	259.0	269.4	278.6	286.9	295.4
45°	165.5	183.2	201.9	222.0	241.0	257.5	270.1	281.3	290.0	299.4	310.1
42.5°	173.0	192.0	212.3	233.7	253.1	268.2	280.4	291.1	301.2	312.5	324.4
40°	180.4	200.2	222.2	244.6	264.4	277.5	289.7	301.0	312.8	325.6	338.5
37.5°	187.3	208.6	231.4	254.8	272.7	286.3	299.0	311.6	324.7	338.5	354.6
35°	193.7	216.3	240.2	262.9	280.1	294.9	308.4	322.2	336.8	353.7	371.4
32.5°	199.9	223.4	248.4	269.7	286.8	302.6	317.6	333.0	349.8	368.4	388.6
30°	206.0	230.2	255.6	276.6	292.7	308.9	326.5	343.7	362.4	382.9	406.7
27.5°	211.9	236.6	261.6	282.1	298.0	314.4	333.2	354.2	374.6	397.1	424.7
25°	217.3	243.1	267.5	286.4	302.5	319.7	339.4	361.7	385.7	412.5	446.3
22.5°	222.4	249.0	273.2	290.0	306.2	324.3	345.5	369.0	395.1	426.2	467.5
20°	227.2	253.6	276.9	293.4	309.3	328.0	350.7	375.6	405.4	443.0	492.4
17.5°	231.3	257.5	279.5	296.2	312.6	331.8	355.2	381.1	414.6	457.9	516.3
15°	234.9	260.7	281.7	298.3	315.3	335.7	359.8	388.0	424.7	472.4	536.9
12.5°	237.8	263.2	283.6	299.8	317.5	338.6	363.8	394.7	434.8	488.2	564.7
10°	240.2	265.1	285.1	300.8	319.0	340.6	366.9	399.9	443.0	501.5	588.6
7.5°	242.4	266.7	286.1	301.2	319.9	341.5	369.0	403.5	448.9	511.4	607.6
5°	244.0	268.2	286.7	302.1	320.5	341.9	370.5	405.7	452.6	518.0	621.0
2.5°	245.0	269.1	286.7	302.8	320.5	342.1	372.2	406.8	456.8	523.5	628.6
0°	245.3	269.4	286.2	303.0	319.9	341.5	372.8	406.4	459.3	526.7	630.1
-2.5°	245.0	269.1	286.7	302.8	320.5	342.1	372.2	406.8	456.8	523.5	628.6
-5°	244.0	268.2	286.7	302.1	320.5	341.9	370.5	405.7	452.6	518.0	621.0
-7.5°	242.4	266.7	286.1	301.2	319.9	341.5	369.0	403.5	448.9	511.4	607.6
-10°	240.2	265.1	285.1	300.8	319.0	340.6	366.9	399.9	443.0	501.5	588.6
-12.5°	237.8	263.2	283.6	299.8	317.5	338.6	363.8	394.7	434.8	488.2	564.7
-15°	234.9	260.7	281.7	298.3	315.3	335.7	359.8	388.0	424.7	472.4	536.9
-17.5°	231.3	257.5	279.5	296.2	312.6	331.8	355.2	381.1	414.6	457.9	516.3
-20°	227.2	253.6	276.9	293.4	309.3	328.0	350.7	375.6	405.4	443.0	492.4



REPORT NUMBER: P627075 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA3B-727-U-MR-XX

CANDELA DISTRIBUTION (continued):

	-62.5°	-60°	-57.5°	-55°	-52.5°	-50°	-47.5°	-45°	-42.5°	-40°	-37.5°
-22.5°	222.4	249.0	273.2	290.0	306.2	324.3	345.5	369.0	395.1	426.2	467.5
-25°	217.3	243.1	267.5	286.4	302.5	319.7	339.4	361.7	385.7	412.5	446.3
-27.5°	211.9	236.6	261.6	282.1	298.0	314.4	333.2	354.2	374.6	397.1	424.7
-30°	206.0	230.2	255.6	276.6	292.7	308.9	326.5	343.7	362.4	382.9	406.7
-32.5°	199.9	223.4	248.4	269.7	286.8	302.6	317.6	333.0	349.8	368.4	388.6
-35°	193.7	216.3	240.2	262.9	280.1	294.9	308.4	322.2	336.8	353.7	371.4
-37.5°	187.3	208.6	231.4	254.8	272.7	286.3	299.0	311.6	324.7	338.5	354.6
-40°	180.4	200.2	222.2	244.6	264.4	277.5	289.7	301.0	312.8	325.6	338.5
-42.5°	173.0	192.0	212.3	233.7	253.1	268.2	280.4	291.1	301.2	312.5	324.4
-45°	165.5	183.2	201.9	222.0	241.0	257.5	270.1	281.3	290.0	299.4	310.1
-47.5°	157.5	174.1	191.7	210.0	228.6	245.2	259.0	269.4	278.6	286.9	295.4
-50°	149.2	165.1	180.7	197.8	215.5	232.4	246.9	257.0	265.8	274.0	281.7
-52.5°	139.9	155.7	169.8	184.9	201.7	218.5	232.7	243.8	252.6	260.4	268.4
-55°	130.3	145.1	158.5	171.9	186.6	202.8	217.1	228.5	239.0	246.5	254.7
-57.5°	120.1	133.5	146.1	158.7	171.7	185.5	199.5	212.0	222.3	231.4	240.0
-60°	109.6	121.6	133.0	144.6	156.4	168.6	181.3	193.6	204.6	214.0	221.9
-62.5°	98.9	109.5	119.7	129.9	140.5	151.2	162.3	173.9	185.9	194.5	201.9
-65°	87.8	97.2	106.4	115.4	124.2	133.9	143.4	152.6	162.7	172.0	180.2
-67.5°	76.3	84.7	93.0	101.0	108.8	116.8	124.9	133.2	141.1	148.7	156.1
-70°	65.5	72.3	79.4	86.4	93.3	100.0	106.8	113.7	120.6	127.3	133.7
-72.5°	54.8	60.6	66.3	71.8	77.8	83.8	89.3	94.3	100.0	106.2	112.0
-75°	44.7	49.0	53.7	58.3	63.1	68.0	72.8	77.4	81.9	86.5	91.1
-77.5°	35.1	38.9	42.3	45.4	48.8	52.9	56.8	60.6	64.2	67.7	71.0
-80°	25.8	28.8	31.7	34.4	37.1	39.7	42.2	44.7	47.0	49.5	52.1
-82.5°	17.0	19.2	21.3	23.4	25.5	27.5	29.4	31.2	32.9	34.6	36.1
-85°	8.9	9.6	11.0	12.4	13.8	15.1	16.4	17.6	18.7	19.9	20.9
-87.5°	4.4	4.8	5.2	5.5	5.8	6.2	6.5	6.8	7.1	7.4	7.6
-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: P627075 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA3B-727-U-MR-XX

CANDELA DISTRIBUTION (continued):

	-35°	-32.5°	-30°	-27.5°	-25°	-22.5°	-20°	-17.5°	-15°	-12.5°	-10°
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
87.5°	7.9	8.1	8.3	8.5	8.7	8.9	9.0	9.2	9.3	9.4	9.5
85°	21.9	22.8	23.7	24.5	25.3	25.5	25.5	25.5	25.4	25.7	26.0
82.5°	37.6	39.3	41.0	42.7	44.4	45.0	45.4	45.7	45.9	46.6	47.1
80°	54.6	57.3	59.7	61.9	63.9	65.3	66.6	67.7	68.8	69.3	69.5
77.5°	74.3	77.6	80.6	83.4	86.0	88.1	89.7	91.1	92.1	92.8	93.2
75°	95.6	99.7	103.4	106.8	109.9	112.1	113.6	114.7	115.4	116.2	116.8
72.5°	117.2	121.8	126.2	130.2	133.8	136.3	138.0	139.4	140.5	141.3	141.7
70°	139.7	145.3	150.0	154.1	157.4	159.8	161.7	163.2	164.4	165.2	165.6
67.5°	163.1	169.1	173.6	177.1	180.0	182.6	184.9	186.7	187.8	189.0	190.2
65°	187.0	193.0	197.6	201.3	204.4	207.7	210.7	213.0	214.5	215.9	217.3
62.5°	209.3	216.2	221.5	226.5	231.5	236.2	239.0	241.1	242.6	243.9	245.5
60°	229.7	237.5	244.0	249.9	256.1	262.2	264.8	266.8	268.6	270.4	272.0
57.5°	247.8	256.0	263.9	269.8	275.7	281.5	285.4	287.6	289.1	289.9	290.6
55°	263.5	271.8	279.6	286.5	292.8	298.7	303.1	305.3	306.8	307.8	308.4
52.5°	277.6	286.4	294.9	302.4	309.3	315.7	321.2	324.1	326.5	328.2	328.7
50°	291.4	301.0	310.1	318.3	326.2	333.9	340.9	344.9	347.8	349.5	350.1
47.5°	305.9	316.3	326.2	335.5	344.6	353.7	362.0	367.5	371.6	374.6	376.8
45°	321.0	332.1	343.0	354.1	364.6	376.2	386.7	394.8	400.8	406.0	410.1
42.5°	336.1	348.6	361.1	375.5	389.7	402.9	415.5	426.2	436.0	445.6	453.0
40°	352.6	366.2	383.4	400.3	417.9	433.3	451.6	468.0	483.0	499.3	512.7
37.5°	370.6	388.2	408.5	428.8	451.6	473.8	499.3	524.5	546.3	574.7	597.6
35°	390.2	412.5	436.4	463.7	493.2	527.9	563.6	605.6	641.1	686.3	728.0
32.5°	412.0	438.3	469.3	506.8	546.6	602.4	654.8	725.8	786.6	865.0	950.6
30°	434.2	468.2	510.4	558.8	626.1	705.3	797.7	917.8	1047.8	1182.2	1363.2
27.5°	460.6	504.6	557.4	632.1	732.7	842.4	1030.5	1233.7	1516.8	1740.9	2139.9
25°	488.9	543.5	621.4	729.7	868.7	1090.6	1408.3	1776.1	2342.5	2846.3	3425.2
22.5°	522.5	596.6	699.7	841.6	1084.0	1465.8	1961.6	2716.8	3556.4	4385.1	5142.5
20°	558.0	647.6	791.8	1022.9	1397.4	1949.5	2834.0	3913.3	5027.9	6163.6	7120.6
17.5°	599.5	721.2	911.2	1218.1	1752.4	2697.7	3879.1	5251.4	6707.6	8156.7	9415.5
15°	635.2	785.5	1041.4	1501.1	2297.9	3480.2	4932.2	6665.4	8496.7	10377.3	12415.6
12.5°	680.8	863.1	1175.5	1735.1	2781.8	4318.5	6095.2	8107.5	10343.7	12840.7	16018.4
10°	722.6	944.4	1352.0	2110.0	3363.6	5101.7	7099.8	9382.8	12283.3	16035.8	19868.8
7.5°	756.0	1008.9	1488.8	2402.5	3851.4	5770.7	8004.4	10741.6	14360.2	18828.5	23208.0
5°	779.3	1053.5	1586.7	2623.5	4243.9	6282.0	8646.3	11743.2	16110.8	21114.5	25586.2
2.5°	793.9	1078.0	1634.6	2754.8	4499.8	6589.7	9046.8	12379.8	17183.7	22569.7	27097.2
0°	800.8	1082.2	1604.1	2818.6	4535.7	6567.9	9083.5	12592.3	17438.3	22964.8	27474.1
-2.5°	793.9	1078.0	1634.6	2754.8	4499.8	6589.7	9046.8	12379.8	17183.7	22569.7	27097.2
-5°	779.3	1053.5	1586.7	2623.5	4243.9	6282.0	8646.3	11743.2	16110.8	21114.5	25586.2
-7.5°	756.0	1008.9	1488.8	2402.5	3851.4	5770.7	8004.4	10741.6	14360.2	18828.5	23208.0
-10°	722.6	944.4	1352.0	2110.0	3363.6	5101.7	7099.8	9382.8	12283.3	16035.8	19868.8
-12.5°	680.8	863.1	1175.5	1735.1	2781.8	4318.5	6095.2	8107.5	10343.7	12840.7	16018.4
-15°	635.2	785.5	1041.4	1501.1	2297.9	3480.2	4932.2	6665.4	8496.7	10377.3	12415.6
-17.5°	599.5	721.2	911.2	1218.1	1752.4	2697.7	3879.1	5251.4	6707.6	8156.7	9415.5
-20°	558.0	647.6	791.8	1022.9	1397.4	1949.5	2834.0	3913.3	5027.9	6163.6	7120.6

Classified

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

Scaled Data Report



REPORT NUMBER: P627075 (CONVERTED FROM TYPE C PHOTOMETRY)
CATALOG NUMBER: GFLD-SA3B-727-U-MR-XX

CANDELA DISTRIBUTION (continued):

	-35°	-32.5°	-30°	-27.5°	-25°	-22.5°	-20°	-17.5°	-15°	-12.5°	-10°
-22.5°	522.5	596.6	699.7	841.6	1084.0	1465.8	1961.6	2716.8	3556.4	4385.1	5142.5
-25°	488.9	543.5	621.4	729.7	868.7	1090.6	1408.3	1776.1	2342.5	2846.3	3425.2
-27.5°	460.6	504.6	557.4	632.1	732.7	842.4	1030.5	1233.7	1516.8	1740.9	2139.9
-30°	434.2	468.2	510.4	558.8	626.1	705.3	797.7	917.8	1047.8	1182.2	1363.2
-32.5°	412.0	438.3	469.3	506.8	546.6	602.4	654.8	725.8	786.6	865.0	950.6
-35°	390.2	412.5	436.4	463.7	493.2	527.9	563.6	605.6	641.1	686.3	728.0
-37.5°	370.6	388.2	408.5	428.8	451.6	473.8	499.3	524.5	546.3	574.7	597.6
-40°	352.6	366.2	383.4	400.3	417.9	433.3	451.6	468.0	483.0	499.3	512.7
-42.5°	336.1	348.6	361.1	375.5	389.7	402.9	415.5	426.2	436.0	445.6	453.0
-45°	321.0	332.1	343.0	354.1	364.6	376.2	386.7	394.8	400.8	406.0	410.1
-47.5°	305.9	316.3	326.2	335.5	344.6	353.7	362.0	367.5	371.6	374.6	376.8
-50°	291.4	301.0	310.1	318.3	326.2	333.9	340.9	344.9	347.8	349.5	350.1
-52.5°	277.6	286.4	294.9	302.4	309.3	315.7	321.2	324.1	326.5	328.2	328.7
-55°	263.5	271.8	279.6	286.5	292.8	298.7	303.1	305.3	306.8	307.8	308.4
-57.5°	247.8	256.0	263.9	269.8	275.7	281.5	285.4	287.6	289.1	289.9	290.6
-60°	229.7	237.5	244.0	249.9	256.1	262.2	264.8	266.8	268.6	270.4	272.0
-62.5°	209.3	216.2	221.5	226.5	231.5	236.2	239.0	241.1	242.6	243.9	245.5
-65°	187.0	193.0	197.6	201.3	204.4	207.7	210.7	213.0	214.5	215.9	217.3
-67.5°	163.1	169.1	173.6	177.1	180.0	182.6	184.9	186.7	187.8	189.0	190.2
-70°	139.7	145.3	150.0	154.1	157.4	159.8	161.7	163.2	164.4	165.2	165.6
-72.5°	117.2	121.8	126.2	130.2	133.8	136.3	138.0	139.4	140.5	141.3	141.7
-75°	95.6	99.7	103.4	106.8	109.9	112.1	113.6	114.7	115.4	116.2	116.8
-77.5°	74.3	77.6	80.6	83.4	86.0	88.1	89.7	91.1	92.1	92.8	93.2
-80°	54.6	57.3	59.7	61.9	63.9	65.3	66.6	67.7	68.8	69.3	69.5
-82.5°	37.6	39.3	41.0	42.7	44.4	45.0	45.4	45.7	45.9	46.6	47.1
-85°	21.9	22.8	23.7	24.5	25.3	25.5	25.5	25.5	25.4	25.7	26.0
-87.5°	7.9	8.1	8.3	8.5	8.7	8.9	9.0	9.2	9.3	9.4	9.5
-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: P627075 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA3B-727-U-MR-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°	9.5	9.6	9.6	9.6	9.6	9.6	9.5	9.5	9.4	9.3	9.2
85°	26.2	26.4	26.5	26.5	26.5	26.4	26.2	26.0	25.7	25.4	25.5
82.5°	47.5	47.9	48.0	48.1	48.0	47.9	47.5	47.1	46.6	45.9	45.7
80°	69.6	69.4	69.6	69.7	69.6	69.4	69.6	69.5	69.3	68.8	67.7
77.5°	93.4	93.4	93.7	93.8	93.7	93.4	93.4	93.2	92.8	92.1	91.1
75°	117.2	117.3	117.7	117.8	117.7	117.3	117.2	116.8	116.2	115.4	114.7
72.5°	141.7	141.4	141.7	141.9	141.7	141.4	141.7	141.7	141.3	140.5	139.4
70°	165.6	165.3	166.8	168.3	166.8	165.3	165.6	165.6	165.2	164.4	163.2
67.5°	191.1	191.5	193.3	194.8	193.3	191.5	191.1	190.2	189.0	187.8	186.7
65°	218.0	218.1	219.7	221.3	219.7	218.1	218.0	217.3	215.9	214.5	213.0
62.5°	246.4	246.7	248.4	250.1	248.4	246.7	246.4	245.5	243.9	242.6	241.1
60°	273.0	273.2	273.9	274.2	273.9	273.2	273.0	272.0	270.4	268.6	266.8
57.5°	290.8	290.5	290.8	291.0	290.8	290.5	290.8	290.6	289.9	289.1	287.6
55°	308.3	307.5	306.6	305.4	306.6	307.5	308.3	308.4	307.8	306.8	305.3
52.5°	328.3	327.0	325.9	324.7	325.9	327.0	328.3	328.7	328.2	326.5	324.1
50°	349.7	348.6	347.5	346.3	347.5	348.6	349.7	350.1	349.5	347.8	344.9
47.5°	378.3	378.8	378.6	377.6	378.6	378.8	378.3	376.8	374.6	371.6	367.5
45°	413.0	414.4	414.6	413.7	414.6	414.4	413.0	410.1	406.0	400.8	394.8
42.5°	458.3	461.3	463.0	464.2	463.0	461.3	458.3	453.0	445.6	436.0	426.2
40°	522.4	528.7	532.6	536.3	532.6	528.7	522.4	512.7	499.3	483.0	468.0
37.5°	614.5	625.7	630.8	627.7	630.8	625.7	614.5	597.6	574.7	546.3	524.5
35°	760.1	781.6	792.7	793.6	792.7	781.6	760.1	728.0	686.3	641.1	605.6
32.5°	1013.9	1057.7	1081.3	1084.6	1081.3	1057.7	1013.9	950.6	865.0	786.6	725.8
30°	1501.8	1591.3	1633.3	1623.3	1633.3	1591.3	1501.8	1363.2	1182.2	1047.8	917.8
27.5°	2450.1	2673.4	2805.7	2816.2	2805.7	2673.4	2450.1	2139.9	1740.9	1516.8	1233.7
25°	3938.0	4319.1	4563.1	4567.0	4563.1	4319.1	3938.0	3425.2	2846.3	2342.5	1776.1
22.5°	5842.9	6363.1	6648.0	6697.8	6648.0	6363.1	5842.9	5142.5	4385.1	3556.4	2716.8
20°	8049.7	8741.7	9111.9	9112.3	9111.9	8741.7	8049.7	7120.6	6163.6	5027.9	3913.3
17.5°	10767.6	11891.2	12596.5	12900.1	12596.5	11891.2	10767.6	9415.5	8156.7	6707.6	5251.4
15°	14378.3	16266.4	17397.9	17601.8	17397.9	16266.4	14378.3	12415.6	10377.3	8496.7	6665.4
12.5°	18774.8	21164.3	22770.6	23359.3	22770.6	21164.3	18774.8	16018.4	12840.7	10343.7	8107.5
10°	23365.0	25579.1	27299.9	27878.2	27299.9	25579.1	23365.0	19868.8	16035.8	12283.3	9382.8
7.5°	26681.2	29321.3	31259.7	32110.9	31259.7	29321.3	26681.2	23208.0	18828.5	14360.2	10741.6
5°	29298.9	32422.9	34227.2	35028.1	34227.2	32422.9	29298.9	25586.2	21114.5	16110.8	11743.2
2.5°	31016.5	34103.2	36014.0	36752.4	36014.0	34103.2	31016.5	27097.2	22569.7	17183.7	12379.8
0°	31658.7	34676.9	36564.8	37466.7	36564.8	34676.9	31658.7	27474.1	22964.8	17438.3	12592.3
-2.5°	31016.5	34103.2	36014.0	36752.4	36014.0	34103.2	31016.5	27097.2	22569.7	17183.7	12379.8
-5°	29298.9	32422.9	34227.2	35028.1	34227.2	32422.9	29298.9	25586.2	21114.5	16110.8	11743.2
-7.5°	26681.2	29321.3	31259.7	32110.9	31259.7	29321.3	26681.2	23208.0	18828.5	14360.2	10741.6
-10°	23365.0	25579.1	27299.9	27878.2	27299.9	25579.1	23365.0	19868.8	16035.8	12283.3	9382.8
-12.5°	18774.8	21164.3	22770.6	23359.3	22770.6	21164.3	18774.8	16018.4	12840.7	10343.7	8107.5
-15°	14378.3	16266.4	17397.9	17601.8	17397.9	16266.4	14378.3	12415.6	10377.3	8496.7	6665.4
-17.5°	10767.6	11891.2	12596.5	12900.1	12596.5	11891.2	10767.6	9415.5	8156.7	6707.6	5251.4
-20°	8049.7	8741.7	9111.9	9112.3	9111.9	8741.7	8049.7	7120.6	6163.6	5027.9	3913.3



REPORT NUMBER: P627075 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA3B-727-U-MR-XX

CANDELA DISTRIBUTION (continued):

	-7.5°	-5°	-2.5°	0°	2.5°	5°	7.5°	10°	12.5°	15°	17.5°
-22.5°	5842.9	6363.1	6648.0	6697.8	6648.0	6363.1	5842.9	5142.5	4385.1	3556.4	2716.8
-25°	3938.0	4319.1	4563.1	4567.0	4563.1	4319.1	3938.0	3425.2	2846.3	2342.5	1776.1
-27.5°	2450.1	2673.4	2805.7	2816.2	2805.7	2673.4	2450.1	2139.9	1740.9	1516.8	1233.7
-30°	1501.8	1591.3	1633.3	1623.3	1633.3	1591.3	1501.8	1363.2	1182.2	1047.8	917.8
-32.5°	1013.9	1057.7	1081.3	1084.6	1081.3	1057.7	1013.9	950.6	865.0	786.6	725.8
-35°	760.1	781.6	792.7	793.6	792.7	781.6	760.1	728.0	686.3	641.1	605.6
-37.5°	614.5	625.7	630.8	627.7	630.8	625.7	614.5	597.6	574.7	546.3	524.5
-40°	522.4	528.7	532.6	536.3	532.6	528.7	522.4	512.7	499.3	483.0	468.0
-42.5°	458.3	461.3	463.0	464.2	463.0	461.3	458.3	453.0	445.6	436.0	426.2
-45°	413.0	414.4	414.6	413.7	414.6	414.4	413.0	410.1	406.0	400.8	394.8
-47.5°	378.3	378.8	378.6	377.6	378.6	378.8	378.3	376.8	374.6	371.6	367.5
-50°	349.7	348.6	347.5	346.3	347.5	348.6	349.7	350.1	349.5	347.8	344.9
-52.5°	328.3	327.0	325.9	324.7	325.9	327.0	328.3	328.7	328.2	326.5	324.1
-55°	308.3	307.5	306.6	305.4	306.6	307.5	308.3	308.4	307.8	306.8	305.3
-57.5°	290.8	290.5	290.8	291.0	290.8	290.5	290.8	290.6	289.9	289.1	287.6
-60°	273.0	273.2	273.9	274.2	273.9	273.2	273.0	272.0	270.4	268.6	266.8
-62.5°	246.4	246.7	248.4	250.1	248.4	246.7	246.4	245.5	243.9	242.6	241.1
-65°	218.0	218.1	219.7	221.3	219.7	218.1	218.0	217.3	215.9	214.5	213.0
-67.5°	191.1	191.5	193.3	194.8	193.3	191.5	191.1	190.2	189.0	187.8	186.7
-70°	165.6	165.3	166.8	168.3	166.8	165.3	165.6	165.6	165.2	164.4	163.2
-72.5°	141.7	141.4	141.7	141.9	141.7	141.4	141.7	141.7	141.3	140.5	139.4
-75°	117.2	117.3	117.7	117.8	117.7	117.3	117.2	116.8	116.2	115.4	114.7
-77.5°	93.4	93.4	93.7	93.8	93.7	93.4	93.4	93.2	92.8	92.1	91.1
-80°	69.6	69.4	69.6	69.7	69.6	69.4	69.6	69.5	69.3	68.8	67.7
-82.5°	47.5	47.9	48.0	48.1	48.0	47.9	47.5	47.1	46.6	45.9	45.7
-85°	26.2	26.4	26.5	26.5	26.5	26.4	26.2	26.0	25.7	25.4	25.5
-87.5°	9.5	9.6	9.6	9.6	9.6	9.6	9.5	9.5	9.4	9.3	9.2
-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: P627075 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA3B-727-U-MR-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°	9.0	8.9	8.7	8.5	8.3	8.1	7.9	7.6	7.4	7.1	6.8
85°	25.5	25.5	25.3	24.5	23.7	22.8	21.9	20.9	19.9	18.7	17.6
82.5°	45.4	45.0	44.4	42.7	41.0	39.3	37.6	36.1	34.6	32.9	31.2
80°	66.6	65.3	63.9	61.9	59.7	57.3	54.6	52.1	49.5	47.0	44.7
77.5°	89.7	88.1	86.0	83.4	80.6	77.6	74.3	71.0	67.7	64.2	60.6
75°	113.6	112.1	109.9	106.8	103.4	99.7	95.6	91.1	86.5	81.9	77.4
72.5°	138.0	136.3	133.8	130.2	126.2	121.8	117.2	112.0	106.2	100.0	94.3
70°	161.7	159.8	157.4	154.1	150.0	145.3	139.7	133.7	127.3	120.6	113.7
67.5°	184.9	182.6	180.0	177.1	173.6	169.1	163.1	156.1	148.7	141.1	133.2
65°	210.7	207.7	204.4	201.3	197.6	193.0	187.0	180.2	172.0	162.7	152.6
62.5°	239.0	236.2	231.5	226.5	221.5	216.2	209.3	201.9	194.5	185.9	173.9
60°	264.8	262.2	256.1	249.9	244.0	237.5	229.7	221.9	214.0	204.6	193.6
57.5°	285.4	281.5	275.7	269.8	263.9	256.0	247.8	240.0	231.4	222.3	212.0
55°	303.1	298.7	292.8	286.5	279.6	271.8	263.5	254.7	246.5	239.0	228.5
52.5°	321.2	315.7	309.3	302.4	294.9	286.4	277.6	268.4	260.4	252.6	243.8
50°	340.9	333.9	326.2	318.3	310.1	301.0	291.4	281.7	274.0	265.8	257.0
47.5°	362.0	353.7	344.6	335.5	326.2	316.3	305.9	295.4	286.9	278.6	269.4
45°	386.7	376.2	364.6	354.1	343.0	332.1	321.0	310.1	299.4	290.0	281.3
42.5°	415.5	402.9	389.7	375.5	361.1	348.6	336.1	324.4	312.5	301.2	291.1
40°	451.6	433.3	417.9	400.3	383.4	366.2	352.6	338.5	325.6	312.8	301.0
37.5°	499.3	473.8	451.6	428.8	408.5	388.2	370.6	354.6	338.5	324.7	311.6
35°	563.6	527.9	493.2	463.7	436.4	412.5	390.2	371.4	353.7	336.8	322.2
32.5°	654.8	602.4	546.6	506.8	469.3	438.3	412.0	388.6	368.4	349.8	333.0
30°	797.7	705.3	626.1	558.8	510.4	468.2	434.2	406.7	382.9	362.4	343.7
27.5°	1030.5	842.4	732.7	632.1	557.4	504.6	460.6	424.7	397.1	374.6	354.2
25°	1408.3	1090.6	868.7	729.7	621.4	543.5	488.9	446.3	412.5	385.7	361.7
22.5°	1961.6	1465.8	1084.0	841.6	699.7	596.6	522.5	467.5	426.2	395.1	369.0
20°	2834.0	1949.5	1397.4	1022.9	791.8	647.6	558.0	492.4	443.0	405.4	375.6
17.5°	3879.1	2697.7	1752.4	1218.1	911.2	721.2	599.5	516.3	457.9	414.6	381.1
15°	4932.2	3480.2	2297.9	1501.1	1041.4	785.5	635.2	536.9	472.4	424.7	388.0
12.5°	6095.2	4318.5	2781.8	1735.1	1175.5	863.1	680.8	564.7	488.2	434.8	394.7
10°	7099.8	5101.7	3363.6	2110.0	1352.0	944.4	722.6	588.6	501.5	443.0	399.9
7.5°	8004.4	5770.7	3851.4	2402.5	1488.8	1008.9	756.0	607.6	511.4	448.9	403.5
5°	8646.3	6282.0	4243.9	2623.5	1586.7	1053.5	779.3	621.0	518.0	452.6	405.7
2.5°	9046.8	6589.7	4499.8	2754.8	1634.6	1078.0	793.9	628.6	523.5	456.8	406.8
0°	9083.5	6567.9	4535.7	2818.6	1604.1	1082.2	800.8	630.1	526.7	459.3	406.4
-2.5°	9046.8	6589.7	4499.8	2754.8	1634.6	1078.0	793.9	628.6	523.5	456.8	406.8
-5°	8646.3	6282.0	4243.9	2623.5	1586.7	1053.5	779.3	621.0	518.0	452.6	405.7
-7.5°	8004.4	5770.7	3851.4	2402.5	1488.8	1008.9	756.0	607.6	511.4	448.9	403.5
-10°	7099.8	5101.7	3363.6	2110.0	1352.0	944.4	722.6	588.6	501.5	443.0	399.9
-12.5°	6095.2	4318.5	2781.8	1735.1	1175.5	863.1	680.8	564.7	488.2	434.8	394.7
-15°	4932.2	3480.2	2297.9	1501.1	1041.4	785.5	635.2	536.9	472.4	424.7	388.0
-17.5°	3879.1	2697.7	1752.4	1218.1	911.2	721.2	599.5	516.3	457.9	414.6	381.1
-20°	2834.0	1949.5	1397.4	1022.9	791.8	647.6	558.0	492.4	443.0	405.4	375.6

Classified

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

Scaled Data Report



REPORT NUMBER: P627075 (CONVERTED FROM TYPE C PHOTOMETRY)
CATALOG NUMBER: GFLD-SA3B-727-U-MR-XX

CANDELA DISTRIBUTION (continued):

	20°	22.5°	25°	27.5°	30°	32.5°	35°	37.5°	40°	42.5°	45°
-22.5°	1961.6	1465.8	1084.0	841.6	699.7	596.6	522.5	467.5	426.2	395.1	369.0
-25°	1408.3	1090.6	868.7	729.7	621.4	543.5	488.9	446.3	412.5	385.7	361.7
-27.5°	1030.5	842.4	732.7	632.1	557.4	504.6	460.6	424.7	397.1	374.6	354.2
-30°	797.7	705.3	626.1	558.8	510.4	468.2	434.2	406.7	382.9	362.4	343.7
-32.5°	654.8	602.4	546.6	506.8	469.3	438.3	412.0	388.6	368.4	349.8	333.0
-35°	563.6	527.9	493.2	463.7	436.4	412.5	390.2	371.4	353.7	336.8	322.2
-37.5°	499.3	473.8	451.6	428.8	408.5	388.2	370.6	354.6	338.5	324.7	311.6
-40°	451.6	433.3	417.9	400.3	383.4	366.2	352.6	338.5	325.6	312.8	301.0
-42.5°	415.5	402.9	389.7	375.5	361.1	348.6	336.1	324.4	312.5	301.2	291.1
-45°	386.7	376.2	364.6	354.1	343.0	332.1	321.0	310.1	299.4	290.0	281.3
-47.5°	362.0	353.7	344.6	335.5	326.2	316.3	305.9	295.4	286.9	278.6	269.4
-50°	340.9	333.9	326.2	318.3	310.1	301.0	291.4	281.7	274.0	265.8	257.0
-52.5°	321.2	315.7	309.3	302.4	294.9	286.4	277.6	268.4	260.4	252.6	243.8
-55°	303.1	298.7	292.8	286.5	279.6	271.8	263.5	254.7	246.5	239.0	228.5
-57.5°	285.4	281.5	275.7	269.8	263.9	256.0	247.8	240.0	231.4	222.3	212.0
-60°	264.8	262.2	256.1	249.9	244.0	237.5	229.7	221.9	214.0	204.6	193.6
-62.5°	239.0	236.2	231.5	226.5	221.5	216.2	209.3	201.9	194.5	185.9	173.9
-65°	210.7	207.7	204.4	201.3	197.6	193.0	187.0	180.2	172.0	162.7	152.6
-67.5°	184.9	182.6	180.0	177.1	173.6	169.1	163.1	156.1	148.7	141.1	133.2
-70°	161.7	159.8	157.4	154.1	150.0	145.3	139.7	133.7	127.3	120.6	113.7
-72.5°	138.0	136.3	133.8	130.2	126.2	121.8	117.2	112.0	106.2	100.0	94.3
-75°	113.6	112.1	109.9	106.8	103.4	99.7	95.6	91.1	86.5	81.9	77.4
-77.5°	89.7	88.1	86.0	83.4	80.6	77.6	74.3	71.0	67.7	64.2	60.6
-80°	66.6	65.3	63.9	61.9	59.7	57.3	54.6	52.1	49.5	47.0	44.7
-82.5°	45.4	45.0	44.4	42.7	41.0	39.3	37.6	36.1	34.6	32.9	31.2
-85°	25.5	25.5	25.3	24.5	23.7	22.8	21.9	20.9	19.9	18.7	17.6
-87.5°	9.0	8.9	8.7	8.5	8.3	8.1	7.9	7.6	7.4	7.1	6.8
-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: P627075 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA3B-727-U-MR-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°	6.5	6.2	5.8	5.5	5.2	4.8	4.4	4.1	3.7	3.3	2.9
85°	16.4	15.1	13.8	12.4	11.0	9.6	8.9	8.1	7.3	6.6	5.8
82.5°	29.4	27.5	25.5	23.4	21.3	19.2	17.0	14.7	12.3	10.0	8.6
80°	42.2	39.7	37.1	34.4	31.7	28.8	25.8	22.7	19.4	16.1	13.0
77.5°	56.8	52.9	48.8	45.4	42.3	38.9	35.1	30.9	26.3	22.2	18.2
75°	72.8	68.0	63.1	58.3	53.7	49.0	44.7	39.8	34.0	28.2	23.2
72.5°	89.3	83.8	77.8	71.8	66.3	60.6	54.8	48.5	42.0	35.3	28.5
70°	106.8	100.0	93.3	86.4	79.4	72.3	65.5	58.0	49.8	42.3	34.7
67.5°	124.9	116.8	108.8	101.0	93.0	84.7	76.3	67.5	58.4	49.2	40.7
65°	143.4	133.9	124.2	115.4	106.4	97.2	87.8	77.1	66.8	56.7	46.6
62.5°	162.3	151.2	140.5	129.9	119.7	109.5	98.9	86.9	75.2	64.0	52.9
60°	181.3	168.6	156.4	144.6	133.0	121.6	109.6	96.5	83.7	71.2	59.2
57.5°	199.5	185.5	171.7	158.7	146.1	133.5	120.1	105.9	91.9	78.4	65.3
55°	217.1	202.8	186.6	171.9	158.5	145.1	130.3	115.2	99.9	85.4	71.3
52.5°	232.7	218.5	201.7	184.9	169.8	155.7	139.9	124.3	108.0	92.0	77.2
50°	246.9	232.4	215.5	197.8	180.7	165.1	149.2	132.6	115.9	98.6	82.8
47.5°	259.0	245.2	228.6	210.0	191.7	174.1	157.5	140.5	123.5	105.3	88.2
45°	270.1	257.5	241.0	222.0	201.9	183.2	165.5	147.9	130.1	111.8	93.5
42.5°	280.4	268.2	253.1	233.7	212.3	192.0	173.0	154.8	136.4	118.0	98.7
40°	289.7	277.5	264.4	244.6	222.2	200.2	180.4	161.3	142.3	123.6	103.7
37.5°	299.0	286.3	272.7	254.8	231.4	208.6	187.3	167.5	148.0	128.6	108.5
35°	308.4	294.9	280.1	262.9	240.2	216.3	193.7	173.2	153.3	133.3	112.9
32.5°	317.6	302.6	286.8	269.7	248.4	223.4	199.9	178.8	158.3	137.7	117.0
30°	326.5	308.9	292.7	276.6	255.6	230.2	206.0	184.0	163.0	141.8	120.7
27.5°	333.2	314.4	298.0	282.1	261.6	236.6	211.9	188.8	167.2	145.6	123.9
25°	339.4	319.7	302.5	286.4	267.5	243.1	217.3	193.2	171.1	149.1	126.9
22.5°	345.5	324.3	306.2	290.0	273.2	249.0	222.4	197.6	174.6	152.2	129.6
20°	350.7	328.0	309.3	293.4	276.9	253.6	227.2	201.5	177.8	154.9	132.0
17.5°	355.2	331.8	312.6	296.2	279.5	257.5	231.3	204.9	180.5	157.3	134.1
15°	359.8	335.7	315.3	298.3	281.7	260.7	234.9	207.7	182.8	159.3	136.0
12.5°	363.8	338.6	317.5	299.8	283.6	263.2	237.8	210.1	184.6	161.2	137.8
10°	366.9	340.6	319.0	300.8	285.1	265.1	240.2	212.3	186.9	162.9	139.3
7.5°	369.0	341.5	319.9	301.2	286.1	266.7	242.4	214.7	188.9	164.2	140.4
5°	370.5	341.9	320.5	302.1	286.7	268.2	244.0	216.7	190.5	165.1	141.2
2.5°	372.2	342.1	320.5	302.8	286.7	269.1	245.0	218.0	191.7	165.7	141.7
0°	372.8	341.5	319.9	303.0	286.2	269.4	245.3	218.9	192.4	165.9	141.9
-2.5°	372.2	342.1	320.5	302.8	286.7	269.1	245.0	218.0	191.7	165.7	141.7
-5°	370.5	341.9	320.5	302.1	286.7	268.2	244.0	216.7	190.5	165.1	141.2
-7.5°	369.0	341.5	319.9	301.2	286.1	266.7	242.4	214.7	188.9	164.2	140.4
-10°	366.9	340.6	319.0	300.8	285.1	265.1	240.2	212.3	186.9	162.9	139.3
-12.5°	363.8	338.6	317.5	299.8	283.6	263.2	237.8	210.1	184.6	161.2	137.8
-15°	359.8	335.7	315.3	298.3	281.7	260.7	234.9	207.7	182.8	159.3	136.0
-17.5°	355.2	331.8	312.6	296.2	279.5	257.5	231.3	204.9	180.5	157.3	134.1
-20°	350.7	328.0	309.3	293.4	276.9	253.6	227.2	201.5	177.8	154.9	132.0



REPORT NUMBER: P627075 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA3B-727-U-MR-XX

CANDELA DISTRIBUTION (continued):

	47.5°	50°	52.5°	55°	57.5°	60°	62.5°	65°	67.5°	70°	72.5°
-22.5°	345.5	324.3	306.2	290.0	273.2	249.0	222.4	197.6	174.6	152.2	129.6
-25°	339.4	319.7	302.5	286.4	267.5	243.1	217.3	193.2	171.1	149.1	126.9
-27.5°	333.2	314.4	298.0	282.1	261.6	236.6	211.9	188.8	167.2	145.6	123.9
-30°	326.5	308.9	292.7	276.6	255.6	230.2	206.0	184.0	163.0	141.8	120.7
-32.5°	317.6	302.6	286.8	269.7	248.4	223.4	199.9	178.8	158.3	137.7	117.0
-35°	308.4	294.9	280.1	262.9	240.2	216.3	193.7	173.2	153.3	133.3	112.9
-37.5°	299.0	286.3	272.7	254.8	231.4	208.6	187.3	167.5	148.0	128.6	108.5
-40°	289.7	277.5	264.4	244.6	222.2	200.2	180.4	161.3	142.3	123.6	103.7
-42.5°	280.4	268.2	253.1	233.7	212.3	192.0	173.0	154.8	136.4	118.0	98.7
-45°	270.1	257.5	241.0	222.0	201.9	183.2	165.5	147.9	130.1	111.8	93.5
-47.5°	259.0	245.2	228.6	210.0	191.7	174.1	157.5	140.5	123.5	105.3	88.2
-50°	246.9	232.4	215.5	197.8	180.7	165.1	149.2	132.6	115.9	98.6	82.8
-52.5°	232.7	218.5	201.7	184.9	169.8	155.7	139.9	124.3	108.0	92.0	77.2
-55°	217.1	202.8	186.6	171.9	158.5	145.1	130.3	115.2	99.9	85.4	71.3
-57.5°	199.5	185.5	171.7	158.7	146.1	133.5	120.1	105.9	91.9	78.4	65.3
-60°	181.3	168.6	156.4	144.6	133.0	121.6	109.6	96.5	83.7	71.2	59.2
-62.5°	162.3	151.2	140.5	129.9	119.7	109.5	98.9	86.9	75.2	64.0	52.9
-65°	143.4	133.9	124.2	115.4	106.4	97.2	87.8	77.1	66.8	56.7	46.6
-67.5°	124.9	116.8	108.8	101.0	93.0	84.7	76.3	67.5	58.4	49.2	40.7
-70°	106.8	100.0	93.3	86.4	79.4	72.3	65.5	58.0	49.8	42.3	34.7
-72.5°	89.3	83.8	77.8	71.8	66.3	60.6	54.8	48.5	42.0	35.3	28.5
-75°	72.8	68.0	63.1	58.3	53.7	49.0	44.7	39.8	34.0	28.2	23.2
-77.5°	56.8	52.9	48.8	45.4	42.3	38.9	35.1	30.9	26.3	22.2	18.2
-80°	42.2	39.7	37.1	34.4	31.7	28.8	25.8	22.7	19.4	16.1	13.0
-82.5°	29.4	27.5	25.5	23.4	21.3	19.2	17.0	14.7	12.3	10.0	8.6
-85°	16.4	15.1	13.8	12.4	11.0	9.6	8.9	8.1	7.3	6.6	5.8
-87.5°	6.5	6.2	5.8	5.5	5.2	4.8	4.4	4.1	3.7	3.3	2.9
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

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Peachtree City, GA 30269

Scaled Data Report



REPORT NUMBER: P627075 (CONVERTED FROM TYPE C PHOTOMETRY)
CATALOG NUMBER: GFLD-SA3B-727-U-MR-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°	2.5	2.1	1.7	1.3	0.8	0.4	0.0
85°	5.0	4.2	3.3	2.5	1.7	0.8	0.0
82.5°	7.4	6.2	5.0	3.7	2.5	1.3	0.0
80°	10.1	8.3	6.6	5.0	3.3	1.7	0.0
77.5°	14.4	10.9	8.3	6.2	4.2	2.1	0.0
75°	18.7	14.4	10.1	7.4	5.0	2.5	0.0
72.5°	22.9	17.9	12.9	8.6	5.8	2.9	0.0
70°	27.2	21.4	15.7	10.0	6.6	3.3	0.0
67.5°	32.4	24.8	18.5	12.1	7.3	3.7	0.0
65°	37.6	28.6	21.1	14.1	8.1	4.1	0.0
62.5°	42.6	32.9	23.8	16.1	8.9	4.4	0.0
60°	47.5	37.0	26.4	18.0	9.6	4.8	0.0
57.5°	52.7	41.0	29.6	19.9	10.8	5.2	0.0
55°	57.8	44.9	32.7	21.7	12.1	5.5	0.0
52.5°	62.7	48.8	35.7	23.5	13.3	5.8	0.0
50°	67.4	52.6	38.7	25.2	14.4	6.2	0.0
47.5°	71.9	56.3	41.5	27.0	15.5	6.5	0.0
45°	76.3	59.9	44.2	29.1	16.6	6.8	0.0
42.5°	80.6	63.2	46.9	31.0	17.6	7.1	0.0
40°	84.7	66.4	49.4	32.9	18.6	7.4	0.0
37.5°	88.5	69.3	51.8	34.6	19.5	7.6	0.0
35°	92.2	72.3	54.0	36.2	20.4	7.9	0.0
32.5°	95.6	75.1	56.1	37.7	21.2	8.1	0.0
30°	98.9	77.8	58.0	39.0	22.0	8.3	0.0
27.5°	101.9	80.2	59.8	40.3	22.7	8.5	0.0
25°	104.5	82.4	61.4	41.4	23.3	8.7	0.0
22.5°	106.9	84.5	62.9	42.4	23.9	8.9	0.0
20°	109.0	86.2	64.3	43.2	24.5	9.0	0.0
17.5°	110.9	87.7	65.5	44.0	24.9	9.2	0.0
15°	112.7	88.9	66.6	44.6	25.3	9.3	0.0
12.5°	114.2	89.9	67.5	45.1	25.7	9.4	0.0
10°	115.5	90.7	68.3	45.4	26.0	9.5	0.0
7.5°	116.5	91.2	68.9	45.7	26.2	9.5	0.0
5°	117.2	91.5	69.3	45.8	26.4	9.6	0.0
2.5°	117.6	91.6	69.6	45.8	26.5	9.6	0.0
0°	117.8	91.4	69.7	45.7	26.5	9.6	0.0
-2.5°	117.6	91.6	69.6	45.8	26.5	9.6	0.0
-5°	117.2	91.5	69.3	45.8	26.4	9.6	0.0
-7.5°	116.5	91.2	68.9	45.7	26.2	9.5	0.0
-10°	115.5	90.7	68.3	45.4	26.0	9.5	0.0
-12.5°	114.2	89.9	67.5	45.1	25.7	9.4	0.0
-15°	112.7	88.9	66.6	44.6	25.3	9.3	0.0
-17.5°	110.9	87.7	65.5	44.0	24.9	9.2	0.0
-20°	109.0	86.2	64.3	43.2	24.5	9.0	0.0

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REPORT NUMBER: P627075 (CONVERTED FROM TYPE C PHOTOMETRY)
CATALOG NUMBER: GFLD-SA3B-727-U-MR-XX

CANDELA DISTRIBUTION (continued):

	75°	77.5°	80°	82.5°	85°	87.5°	90°
-22.5°	106.9	84.5	62.9	42.4	23.9	8.9	0.0
-25°	104.5	82.4	61.4	41.4	23.3	8.7	0.0
-27.5°	101.9	80.2	59.8	40.3	22.7	8.5	0.0
-30°	98.9	77.8	58.0	39.0	22.0	8.3	0.0
-32.5°	95.6	75.1	56.1	37.7	21.2	8.1	0.0
-35°	92.2	72.3	54.0	36.2	20.4	7.9	0.0
-37.5°	88.5	69.3	51.8	34.6	19.5	7.6	0.0
-40°	84.7	66.4	49.4	32.9	18.6	7.4	0.0
-42.5°	80.6	63.2	46.9	31.0	17.6	7.1	0.0
-45°	76.3	59.9	44.2	29.1	16.6	6.8	0.0
-47.5°	71.9	56.3	41.5	27.0	15.5	6.5	0.0
-50°	67.4	52.6	38.7	25.2	14.4	6.2	0.0
-52.5°	62.7	48.8	35.7	23.5	13.3	5.8	0.0
-55°	57.8	44.9	32.7	21.7	12.1	5.5	0.0
-57.5°	52.7	41.0	29.6	19.9	10.8	5.2	0.0
-60°	47.5	37.0	26.4	18.0	9.6	4.8	0.0
-62.5°	42.6	32.9	23.8	16.1	8.9	4.4	0.0
-65°	37.6	28.6	21.1	14.1	8.1	4.1	0.0
-67.5°	32.4	24.8	18.5	12.1	7.3	3.7	0.0
-70°	27.2	21.4	15.7	10.0	6.6	3.3	0.0
-72.5°	22.9	17.9	12.9	8.6	5.8	2.9	0.0
-75°	18.7	14.4	10.1	7.4	5.0	2.5	0.0
-77.5°	14.4	10.9	8.3	6.2	4.2	2.1	0.0
-80°	10.1	8.3	6.6	5.0	3.3	1.7	0.0
-82.5°	7.4	6.2	5.0	3.7	2.5	1.3	0.0
-85°	5.0	4.2	3.3	2.5	1.7	0.8	0.0
-87.5°	2.5	2.1	1.7	1.3	0.8	0.4	0.0
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0

(END OF REPORT)