

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



Scaled data based on original data using
LM-79-08 Approved Method: Electrical and Photometric Measurements of Solid-State
Lighting Products

Test Report Prepared for
Cooper Lighting Solutions
(formerly Eaton)

Brand: McGRAW-EDISON

Report Number: P627228 (CONVERTED FROM TYPE C PHOTOMETRY)

Luminaire Tested: **GFLD-SA3D-740-U-NR-VSR-XX**

Issue Date: 12/7/2022

Test Information

Test Method: LM-79-08
Report Number: P627228 (CONVERTED FROM TYPE C PHOTOMETRY)
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G2-2210-813-12)
Test Lab: COOPER LIGHTING SOLUTIONS
Issue Date: 12/7/2022
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: MCGRAW-EDISON
Catalog Number: GFLD-SA3D-740-U-NR-VSR-XX
Description: GALLEON FLOOD, THREE LIGHT SQAURE, NARROW SYMMETRICAL ROUND N3 WITH VISOR
Light Source: (48) 4000K CCT, 70 CRI LEDS
Ballast/Driver: -

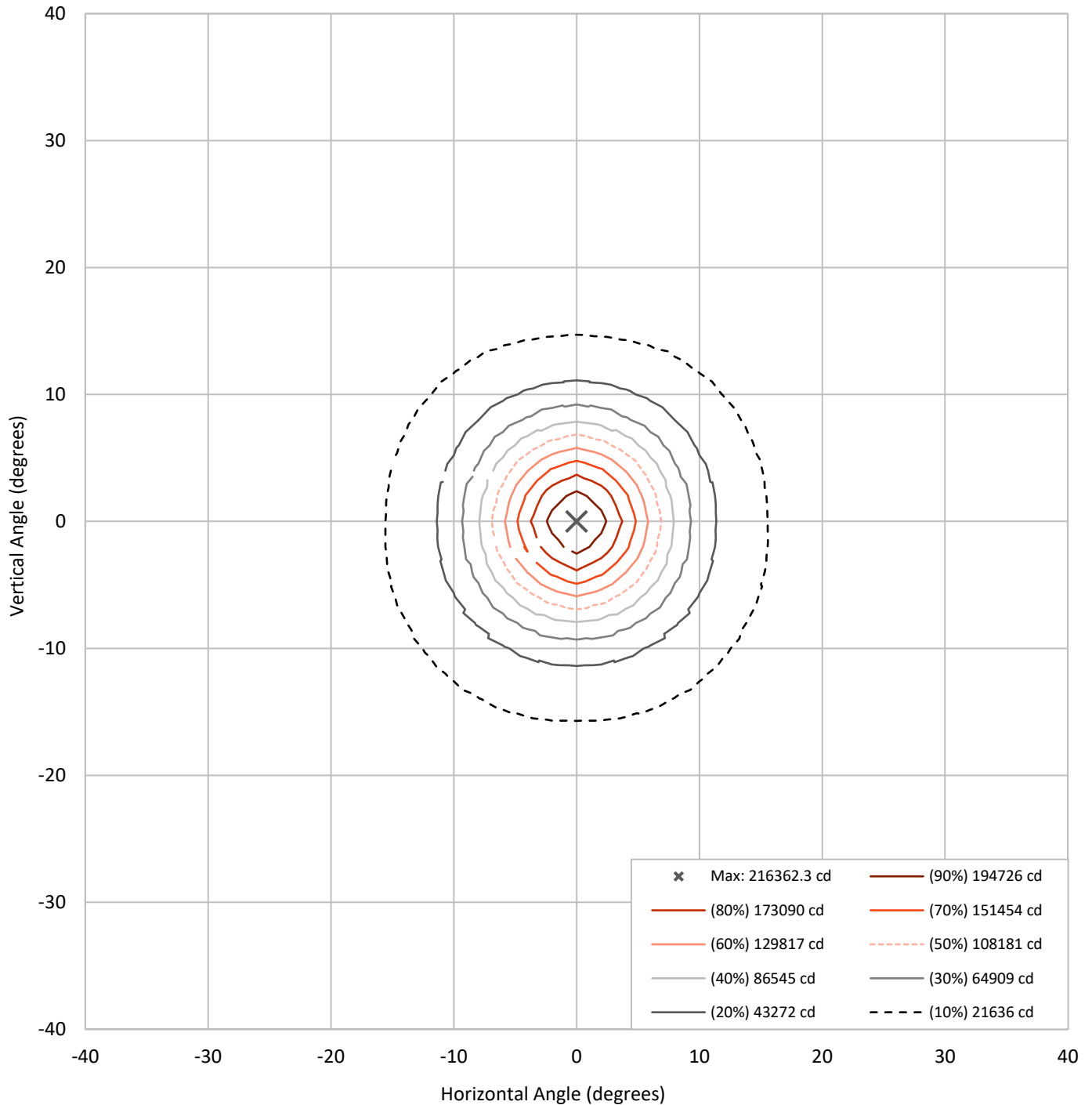
Summary

Lumens per Lamp:	N/A	NEMA Type:	3H x 3V
Luminaire Lumens:	21344.6 lumens	Max Intensity:	216362.3 candela
Efficiency:	N/A	Max Intensity Angle:	0°H x 0°V
Efficacy:	133.2 lumens/watt		
Luminous Opening:	Rectangular (W 1.5' x L: 0.5' x H: 0')		
Beam Angle (50%):	13.6°H x 13.6°V	Field Angle (10%):	30.9°H x 30.2°V
Beam Lumens:	6814.2 lumens	Field Lumens:	15177.3 lumens
Beam Efficiency:	31.9%	Field Efficiency:	71.1%
Input Watts (W):	160.2		
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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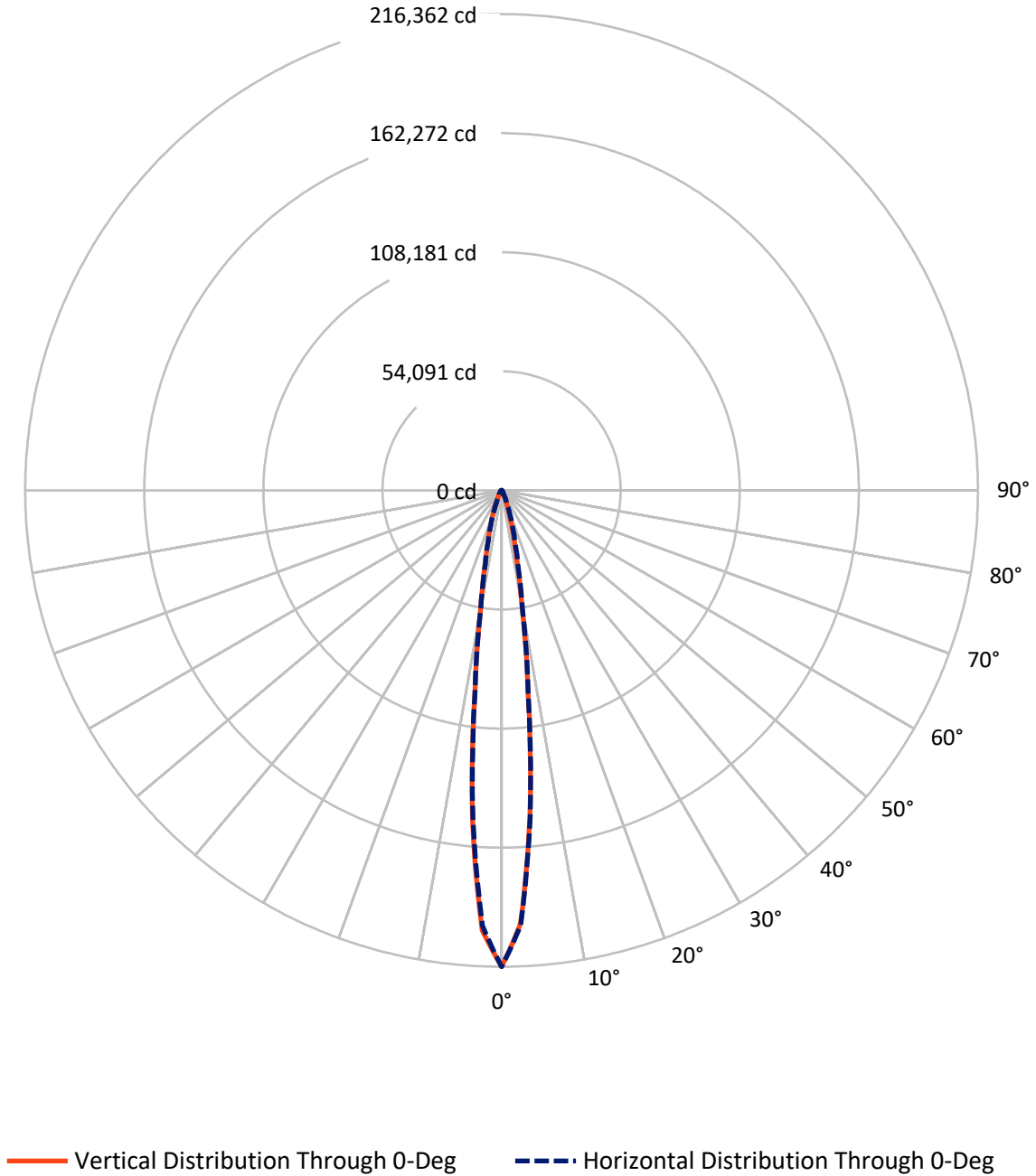
CATALOG NUMBER: GFLD-SA3D-740-U-NR-VSR-XX

Lumen Table

90	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
80	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
70	0.1	0.0	0.0	0.0	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.0	0.0	0.0	0.1	
60		0.1	0.1	0.5	1.2	1.9	2.5	3.0	3.0	2.5	1.9	1.2	0.5	0.1	0.1		
50	0.1	0.1	0.6	1.9	3.5	5.1	7.2	8.5	8.5	7.2	5.1	3.5	1.9	0.6	0.1	0.1	
40		0.3	1.5	3.6	6.5	10.2	17.4	22.1	22.1	17.4	10.2	6.5	3.6	1.5	0.3		
30	0.2	0.6	2.4	5.5	10.0	21.7	58.0	96.0	96.0	58.0	21.7	10.0	5.5	2.4	0.6	0.2	
20		0.9	3.3	7.6	16.5	64.9	273.6	601.4	601.4	273.6	64.9	16.5	7.6	3.3	0.9		
10	0.3	1.1	4.0	8.9	22.4	121.8	655.6	2940.4	2940.4	655.6	121.8	22.4	8.9	4.0	1.1	0.3	
0		1.3	4.3	9.4	24.1	129.8	678.6	2990.3	2990.3	678.6	129.8	24.1	9.4	4.3	1.3		
-10	0.4	1.4	4.4	9.2	21.1	82.6	329.4	704.6	704.6	329.4	82.6	21.1	9.2	4.4	1.4	0.4	
-20		1.3	4.2	8.5	16.3	38.6	101.5	169.2	169.2	101.5	38.6	16.3	8.5	4.2	1.3		
-30	0.4	1.2	3.8	7.5	12.8	21.2	34.5	43.8	43.8	34.5	21.2	12.8	7.5	3.8	1.2	0.4	
-40		1.0	3.1	6.2	10.3	14.8	19.9	22.2	22.2	19.9	14.8	10.3	6.2	3.1	1.0		
-50	0.3	0.7	2.3	4.9	8.1	11.4	14.4	15.7	15.7	14.4	11.4	8.1	4.9	2.3	0.7	0.3	
-60		0.5	1.4	3.2	5.4	7.9	10.0	11.0	11.0	10.0	7.9	5.4	3.2	1.4	0.5		
-70	0.1	0.5	1.4	3.2	5.4	7.9	10.0	11.0	11.0	10.0	7.9	5.4	3.2	1.4	0.5	0.1	
-80		0.1	1.3	5.4	11.8	14.9	11.8	5.4	1.3	0.1							
-90	0.1	1.3	5.4	11.8	14.9	11.8	5.4	1.3	0.1								

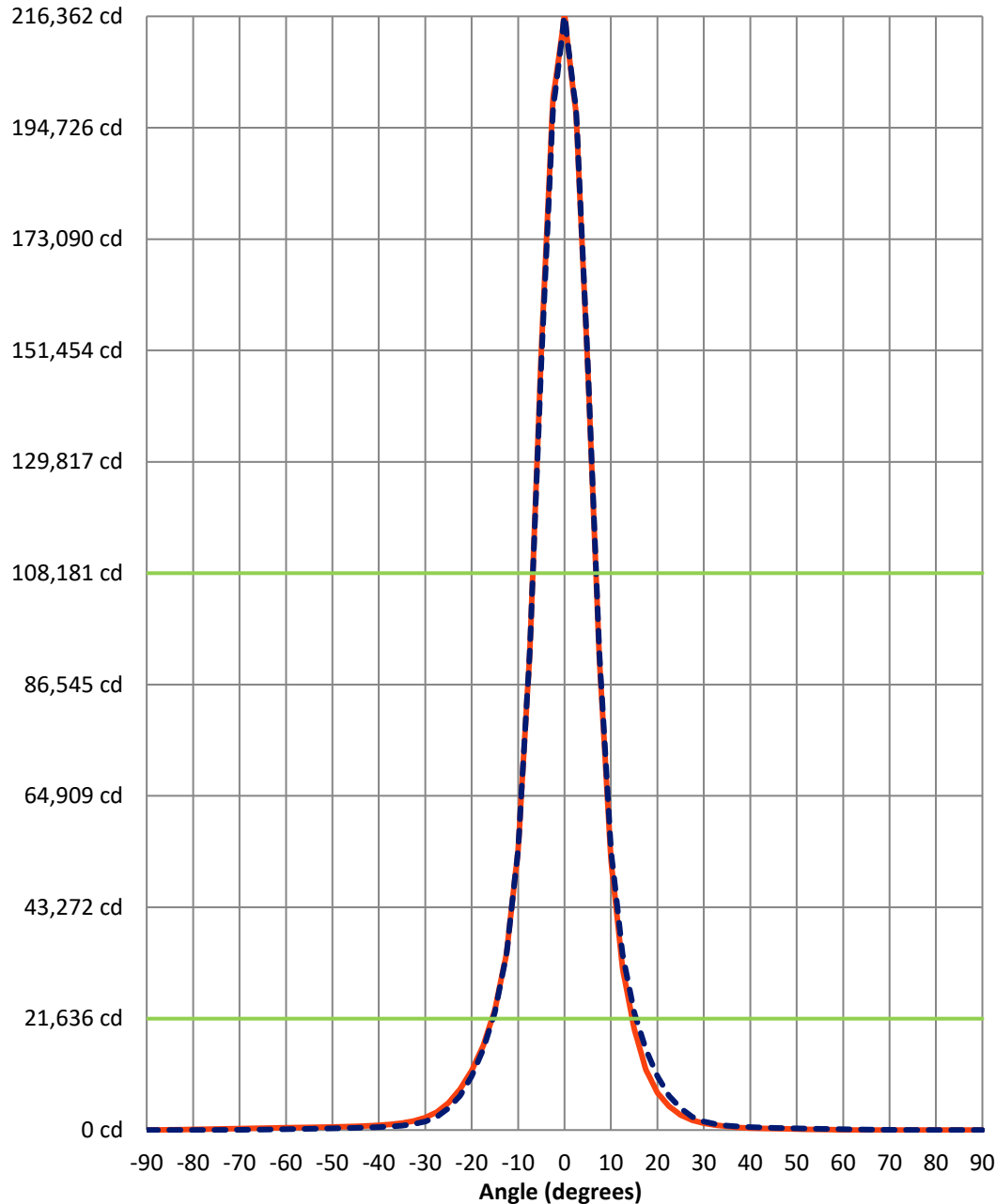
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Luminous Intensity Polar Plot



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Luminous Intensity Plot



Beam:
 H Angle: 13.6°
 V Angle: 13.6°
 Lumens: 6814.2
 Efficiency: 31.9%

Field:
 H Angle: 30.9°
 V Angle: 30.2°
 Lumens: 15177.3
 Efficiency: 71.1%

Spill:
 Lumens: 6167.2
 Efficiency: 28.9%

— 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	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
85°	0.0	0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
82.5°	0.0	0.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
80°	0.0	0.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
77.5°	0.0	0.5	0.0	0.0	0.0	0.1	0.0	0.0	0.0	0.0	0.0
75°	0.0	0.6	0.1	0.0	0.1	0.4	0.1	0.0	0.1	0.4	0.2
72.5°	0.0	0.7	0.1	0.0	0.5	0.7	0.2	0.3	1.0	1.0	0.4
70°	0.0	0.8	0.2	0.1	0.9	1.0	0.5	1.4	1.9	1.7	0.6
67.5°	0.0	0.9	0.3	0.5	1.4	1.4	1.6	2.6	3.0	1.9	0.8
65°	0.0	1.1	0.4	1.0	1.9	2.0	2.7	3.8	3.1	2.0	1.4
62.5°	0.0	1.2	0.5	1.5	2.4	2.6	3.6	4.3	3.3	2.4	2.9
60°	0.0	1.3	0.6	1.9	2.9	3.2	4.5	4.5	3.5	3.3	4.2
57.5°	0.0	1.4	1.0	2.4	3.2	3.8	4.6	4.6	3.9	4.1	4.6
55°	0.0	1.6	1.4	2.9	3.5	4.2	4.6	4.6	4.3	4.6	4.6
52.5°	0.0	1.7	1.7	3.4	3.8	4.6	4.6	4.6	4.5	4.6	4.6
50°	0.0	1.8	2.1	3.9	4.1	4.6	4.6	4.6	4.6	4.6	5.3
47.5°	0.0	2.0	2.4	4.4	4.3	4.6	4.6	4.6	4.6	4.6	6.4
45°	0.0	2.1	2.7	4.5	4.4	4.6	4.6	4.6	4.8	5.7	7.6
42.5°	0.0	2.2	3.0	4.6	4.6	4.6	4.6	4.8	5.1	7.0	10.1
40°	0.0	2.4	3.2	4.6	4.6	4.6	4.6	5.1	5.9	8.4	13.1
37.5°	0.0	2.5	3.4	4.6	4.6	4.6	4.6	5.6	7.5	10.6	16.1
35°	0.0	2.7	3.6	4.6	4.6	4.6	4.6	6.1	9.1	13.5	19.7
32.5°	0.0	2.8	3.8	4.6	4.6	4.6	4.7	6.8	10.9	16.3	24.5
30°	0.0	3.0	4.0	4.6	4.6	4.6	5.2	7.7	12.7	19.0	29.6
27.5°	0.0	3.1	4.1	4.6	4.6	4.6	5.7	9.1	14.8	21.6	35.2
25°	0.0	3.3	4.2	4.6	4.6	4.6	6.3	10.6	16.9	25.4	41.1
22.5°	0.0	3.4	4.3	4.6	4.6	4.7	6.8	12.1	19.0	30.0	48.1
20°	0.0	3.6	4.4	4.6	4.6	5.0	7.4	13.5	21.0	34.7	54.6
17.5°	0.0	3.7	4.5	4.6	4.6	5.4	8.3	14.9	22.8	39.4	60.5
15°	0.0	3.9	4.5	4.6	4.6	5.9	9.2	16.4	24.5	44.1	65.8
12.5°	0.0	4.0	4.6	4.6	4.6	6.4	10.0	17.7	26.9	48.6	70.6
10°	0.0	4.1	4.6	4.6	4.6	7.0	10.9	19.0	29.8	52.8	74.9
7.5°	0.0	4.3	4.6	4.6	4.6	7.5	11.7	20.2	32.8	56.4	78.6
5°	0.0	4.4	4.6	4.6	4.6	8.1	12.4	21.2	35.7	59.4	81.8
2.5°	0.0	4.5	4.6	4.6	4.6	8.7	13.1	22.1	38.6	62.0	84.6
0°	0.0	4.6	4.6	4.6	4.6	9.2	13.7	22.9	41.2	64.1	87.0
-2.5°	0.0	4.6	4.6	4.6	5.0	9.7	14.9	24.3	43.6	65.8	90.0
-5°	0.0	4.6	4.6	4.6	5.4	10.1	16.0	25.5	45.6	67.1	92.4
-7.5°	0.0	4.6	4.6	4.6	5.8	10.5	17.1	26.7	47.2	68.2	94.2
-10°	0.0	4.5	4.6	4.6	6.1	10.8	17.9	27.7	48.4	68.9	95.4
-12.5°	0.0	4.5	4.6	4.6	6.4	11.1	18.7	28.5	49.2	69.6	97.2
-15°	0.0	4.4	4.6	4.6	6.7	11.4	19.3	29.2	49.4	71.0	98.8
-17.5°	0.0	4.4	4.6	4.6	6.9	11.6	19.7	29.9	49.0	71.7	99.6
-20°	0.0	4.3	4.6	4.6	7.0	11.7	19.9	30.5	48.3	71.7	99.4

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Scaled Data Report



REPORT NUMBER: P627228 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA3D-740-U-NR-VSR-XX

CANDELA DISTRIBUTION (continued):

	-90°	-87.5°	-85°	-82.5°	-80°	-77.5°	-75°	-72.5°	-70°	-67.5°	-65°
-22.5°	0.0	4.2	4.6	4.6	7.1	11.8	20.2	30.9	47.2	70.9	98.2
-25°	0.0	4.2	4.6	4.6	7.0	12.1	20.3	31.0	45.8	69.2	96.1
-27.5°	0.0	4.1	4.6	4.6	6.9	12.5	20.3	30.9	44.0	66.9	94.0
-30°	0.0	4.0	4.6	4.6	6.8	12.7	20.2	30.6	43.0	64.4	90.9
-32.5°	0.0	3.9	4.6	4.6	6.7	12.8	20.0	30.2	42.5	61.6	86.6
-35°	0.0	3.8	4.6	4.6	6.6	12.8	19.9	29.8	41.6	58.3	81.1
-37.5°	0.0	3.6	4.6	4.6	6.5	12.6	19.9	29.3	40.4	54.7	78.0
-40°	0.0	3.5	4.6	4.6	6.2	12.4	19.6	28.6	38.8	52.3	75.1
-42.5°	0.0	3.4	4.6	4.6	6.2	12.0	19.2	27.8	37.6	51.2	71.5
-45°	0.0	3.3	4.6	4.8	6.3	11.5	18.6	26.9	36.5	49.7	67.6
-47.5°	0.0	3.1	4.6	4.9	6.5	10.9	17.9	26.0	35.3	47.5	65.0
-50°	0.0	3.0	4.6	4.9	6.5	10.2	16.9	24.9	34.0	45.7	61.7
-52.5°	0.0	2.8	4.6	5.0	6.5	9.3	15.9	23.5	32.3	43.2	57.6
-55°	0.0	2.6	4.6	5.0	6.5	9.1	14.6	21.9	30.3	40.0	53.5
-57.5°	0.0	2.5	4.6	5.0	6.4	8.9	13.2	20.2	28.1	37.1	48.4
-60°	0.0	2.3	4.6	4.9	6.3	8.6	11.8	18.2	25.7	34.1	43.4
-62.5°	0.0	2.1	4.2	4.9	6.1	8.2	11.3	16.1	23.0	30.8	39.5
-65°	0.0	1.9	3.9	4.8	5.9	7.8	10.6	14.2	20.2	27.3	35.2
-67.5°	0.0	1.8	3.5	4.7	5.6	7.3	9.8	13.0	17.1	23.5	30.7
-70°	0.0	1.6	3.1	4.6	5.3	6.8	8.9	11.8	15.3	19.6	25.9
-72.5°	0.0	1.4	2.8	4.1	5.0	6.2	8.0	10.4	13.4	17.0	21.3
-75°	0.0	1.2	2.4	3.6	4.7	5.5	6.9	9.1	11.4	14.4	17.9
-77.5°	0.0	1.0	2.0	3.0	4.0	4.8	5.9	7.8	9.9	11.9	14.4
-80°	0.0	0.8	1.6	2.4	3.2	4.0	4.7	6.5	8.4	10.3	12.1
-82.5°	0.0	0.6	1.2	1.8	2.4	3.0	3.6	5.1	6.9	8.6	10.3
-85°	0.0	0.4	0.8	1.2	1.6	2.0	2.4	3.4	4.7	6.1	7.7
-87.5°	0.0	0.2	0.4	0.6	0.8	1.0	1.2	1.7	2.4	3.1	3.9
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



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CANDELA DISTRIBUTION (continued):

	-62.5°	-60°	-57.5°	-55°	-52.5°	-50°	-47.5°	-45°	-42.5°	-40°	-37.5°
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
87.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
85°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
82.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
80°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
77.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
75°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
72.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
70°	0.0	0.0	0.4	0.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0
67.5°	0.3	1.3	1.6	1.0	0.0	0.0	0.0	0.3	0.0	0.0	0.0
65°	2.2	3.0	2.3	1.2	0.1	1.1	1.5	1.2	0.1	0.0	0.0
62.5°	4.3	3.6	2.5	1.9	2.6	3.5	2.7	1.6	0.4	2.2	3.2
60°	4.6	3.9	3.2	3.6	4.7	4.1	3.0	4.5	6.7	8.5	10.2
57.5°	4.6	4.3	4.2	5.0	5.2	5.2	8.0	10.8	15.2	18.9	21.4
55°	4.7	4.6	5.2	6.2	7.7	10.9	14.9	21.1	26.0	33.6	40.0
52.5°	5.2	5.2	7.0	9.4	13.8	18.9	26.0	34.7	44.5	51.8	59.6
50°	6.0	7.7	9.8	15.7	21.8	29.8	41.5	54.1	62.3	70.6	81.8
47.5°	8.2	10.4	16.1	23.0	31.9	44.5	60.6	69.7	77.8	90.8	104.7
45°	11.0	15.6	22.7	32.1	44.4	62.1	74.7	82.2	96.3	111.4	127.2
42.5°	14.0	21.5	31.1	41.1	60.4	77.2	88.7	100.5	114.7	132.4	149.6
40°	19.1	27.4	40.4	56.1	75.7	92.2	106.5	120.1	134.1	157.1	175.4
37.5°	24.2	36.2	51.0	70.5	90.9	108.8	124.9	141.9	161.9	187.8	204.3
35°	29.1	45.4	63.5	84.3	105.9	126.2	145.5	165.4	191.3	215.9	235.6
32.5°	36.0	54.8	75.2	97.6	119.9	142.9	166.3	190.1	215.6	240.8	266.5
30°	44.7	64.9	86.3	110.4	132.8	159.4	186.5	211.7	237.4	263.9	293.0
27.5°	53.4	74.3	97.5	121.8	145.3	175.6	204.9	231.1	257.5	286.0	319.2
25°	61.5	83.7	108.0	131.9	159.5	192.1	224.1	254.5	276.8	309.2	348.0
22.5°	69.3	93.0	119.0	141.0	173.3	208.7	245.9	278.6	305.1	334.0	378.1
20°	77.0	102.5	129.3	154.0	187.1	225.2	269.3	303.0	335.9	373.2	418.1
17.5°	84.4	111.4	139.6	168.9	203.8	243.2	293.3	327.7	366.9	411.6	468.2
15°	91.3	119.6	149.8	182.7	218.8	261.2	309.6	352.5	399.4	451.0	517.8
12.5°	97.8	127.1	159.9	195.6	232.0	276.7	323.2	368.9	422.9	490.3	574.5
10°	103.7	133.9	169.7	207.3	243.5	289.9	335.3	382.8	439.7	513.8	610.1
7.5°	108.7	140.8	179.0	217.9	253.4	300.7	345.7	394.2	453.8	533.2	634.1
5°	112.9	147.9	187.6	224.8	261.7	310.0	354.4	403.3	465.0	548.4	651.3
2.5°	116.3	154.5	195.1	229.8	268.8	318.5	361.3	413.3	476.4	560.2	667.4
0°	119.1	160.3	201.5	233.6	274.8	325.2	366.4	421.3	485.4	567.9	682.4
-2.5°	124.7	165.1	205.3	237.9	281.1	326.3	369.7	422.4	488.8	573.8	685.2
-5°	129.3	168.9	208.1	241.2	285.8	326.1	371.1	421.5	490.0	577.2	690.1
-7.5°	132.9	171.9	209.9	243.8	288.4	327.6	373.1	424.8	493.6	580.3	696.6
-10°	135.2	174.0	211.5	247.0	289.0	329.2	374.0	425.5	493.0	578.3	693.1
-12.5°	136.5	175.2	212.2	248.8	288.8	329.0	372.9	423.5	487.9	571.1	678.9
-15°	136.8	175.7	212.1	249.0	288.1	327.1	370.0	418.7	478.8	558.9	656.7
-17.5°	136.4	175.5	211.2	247.5	287.1	323.3	365.4	412.2	469.6	544.4	638.7
-20°	135.2	174.5	209.6	244.2	285.5	319.9	360.8	406.1	460.1	527.8	612.1

Classified

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

Scaled Data Report



REPORT NUMBER: P627228 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA3D-740-U-NR-VSR-XX

CANDELA DISTRIBUTION (continued):

	-62.5°	-60°	-57.5°	-55°	-52.5°	-50°	-47.5°	-45°	-42.5°	-40°	-37.5°
-22.5°	133.3	172.9	207.3	240.9	280.5	316.6	354.9	398.0	446.4	507.7	582.5
-25°	131.1	169.6	204.5	238.3	274.7	311.6	347.4	388.4	432.8	491.7	559.1
-27.5°	128.1	165.7	200.5	234.7	268.6	304.9	339.9	378.6	422.6	474.6	534.8
-30°	123.9	160.1	194.9	229.8	263.2	297.4	331.1	368.0	409.5	458.5	514.1
-32.5°	118.6	153.9	187.9	222.5	257.2	289.8	321.6	357.0	396.0	438.9	491.8
-35°	113.2	147.2	180.4	213.3	249.9	281.3	311.9	344.5	380.7	420.6	463.7
-37.5°	108.1	139.9	172.4	203.4	238.1	270.9	300.6	331.5	365.0	401.6	440.7
-40°	102.6	132.3	163.9	194.2	224.6	258.0	287.7	317.6	348.5	385.2	420.0
-42.5°	97.0	125.8	155.0	184.7	213.7	243.6	273.3	301.9	334.6	369.3	403.5
-45°	92.2	119.0	146.1	175.0	203.6	230.6	258.4	285.1	318.3	353.1	386.5
-47.5°	86.7	112.1	138.4	164.4	192.6	219.5	244.5	271.6	299.8	332.6	367.6
-50°	80.9	105.0	129.3	153.8	180.4	207.4	232.8	257.8	284.4	311.3	341.6
-52.5°	76.0	97.0	119.5	142.1	167.2	193.6	219.3	244.3	268.8	294.1	319.9
-55°	70.2	89.5	109.3	130.5	152.5	177.7	203.2	227.6	252.6	276.3	301.6
-57.5°	63.8	81.1	99.1	119.0	139.0	159.7	184.4	208.7	232.2	256.1	282.2
-60°	56.5	71.9	88.4	106.6	126.2	145.1	165.1	187.6	210.3	233.0	257.1
-62.5°	49.0	62.4	77.2	93.1	111.1	129.7	147.9	167.1	187.5	207.3	228.2
-65°	43.9	53.4	65.9	80.0	94.8	111.4	128.7	146.4	164.3	181.1	197.2
-67.5°	38.5	47.1	56.3	66.8	80.2	94.2	108.0	123.9	140.0	155.4	170.4
-70°	32.9	40.5	48.6	57.3	66.8	78.4	91.3	104.0	116.4	129.3	143.2
-72.5°	27.0	33.5	40.6	48.2	56.3	65.4	75.3	86.1	97.2	107.8	118.7
-75°	22.1	26.5	32.3	38.7	45.7	52.8	60.0	68.5	77.9	87.2	96.4
-77.5°	18.2	22.2	26.2	30.2	35.1	41.7	48.1	54.4	60.9	68.0	75.5
-80°	14.8	17.9	21.5	25.2	28.6	32.5	37.0	42.0	46.6	51.3	56.5
-82.5°	12.4	14.7	17.3	20.1	22.1	24.2	26.6	29.5	32.6	35.7	39.0
-85°	9.5	11.4	13.1	15.0	15.9	17.0	18.1	19.4	21.3	23.3	25.2
-87.5°	4.8	5.7	6.7	7.8	8.3	8.8	9.3	9.7	10.9	12.2	13.6
-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: P627228 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA3D-740-U-NR-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°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
85°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
82.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
80°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
77.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
75°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
72.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
70°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
67.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
65°	0.3	0.0	0.0	0.0	0.0	0.8	1.1	1.0	0.4	0.0	0.0
62.5°	2.7	2.2	3.6	4.8	5.2	5.1	4.7	4.2	3.6	3.3	3.8
60°	11.0	10.8	15.0	17.1	15.6	11.0	17.3	20.4	19.6	16.8	16.7
57.5°	26.9	32.6	36.8	38.7	44.8	54.5	56.4	53.2	52.0	53.1	61.3
55°	46.6	51.3	53.7	62.0	69.3	74.7	77.9	81.0	85.7	91.4	97.4
52.5°	65.9	72.3	77.2	84.6	93.5	96.5	95.7	107.0	115.9	121.5	123.8
50°	90.4	98.4	109.8	121.5	126.6	131.5	136.7	146.0	159.6	176.4	186.1
47.5°	117.0	129.6	141.5	154.8	161.6	166.8	174.6	190.8	210.1	228.2	237.7
45°	140.8	152.1	165.7	177.3	185.6	195.7	206.9	221.5	243.1	262.1	275.2
42.5°	160.0	172.6	186.7	200.6	209.0	222.7	239.8	259.7	282.3	302.1	316.7
40°	186.9	197.5	220.0	233.2	236.5	249.2	283.5	310.8	336.3	360.6	372.7
37.5°	219.3	240.2	263.5	275.5	287.3	309.8	355.7	399.6	432.2	465.1	483.0
35°	256.2	283.7	315.3	329.5	354.8	403.9	457.7	518.9	595.1	626.9	656.0
32.5°	292.1	322.8	352.0	383.8	428.1	486.7	547.4	646.5	739.1	810.9	863.3
30°	323.9	356.4	392.7	433.6	496.0	576.7	678.1	806.4	937.0	1051.0	1147.4
27.5°	355.3	392.3	435.5	496.5	584.3	693.9	855.7	1038.8	1256.8	1417.3	1609.1
25°	389.7	432.1	487.4	575.9	694.4	858.3	1117.0	1414.3	1771.7	2061.4	2364.7
22.5°	430.5	493.0	563.2	661.9	868.7	1138.9	1492.3	2000.4	2550.2	3058.4	3547.9
20°	479.7	565.2	677.9	859.6	1125.1	1524.6	2138.5	2949.5	3758.0	4619.0	5447.9
17.5°	550.0	673.3	848.3	1106.9	1456.8	2247.0	3243.1	4497.5	6109.0	7569.4	8844.4
15°	615.9	763.2	1039.6	1426.1	2036.5	3083.8	4596.8	6667.1	9178.6	11467.5	13885.0
12.5°	685.1	859.0	1176.5	1668.6	2516.8	3880.2	6006.4	8843.1	11988.0	15437.6	19366.9
10°	739.9	951.0	1331.2	1955.2	3000.7	4698.4	7231.1	10671.5	14850.5	19955.6	26236.9
7.5°	776.9	1024.8	1459.0	2164.9	3446.1	5535.3	8584.2	12719.4	17943.8	24707.1	33496.2
5°	805.8	1081.1	1555.1	2356.2	3823.0	6174.1	9586.7	14512.6	20692.9	29754.6	44649.6
2.5°	829.0	1124.2	1614.6	2487.9	4059.5	6619.0	10259.2	15527.2	22329.4	33486.3	52810.6
0°	847.2	1163.2	1653.3	2569.2	4240.8	6663.4	10469.1	15712.9	22916.7	34159.8	54566.9
-2.5°	855.0	1184.1	1666.6	2587.0	4222.7	6739.9	10533.2	15861.2	22894.6	33790.8	52605.3
-5°	867.9	1183.8	1656.6	2568.8	4128.0	6542.4	10114.9	15031.3	21513.4	30884.6	46299.0
-7.5°	877.1	1164.9	1608.6	2452.4	3880.2	6115.5	9379.9	13656.3	18999.6	26114.9	35661.5
-10°	868.6	1128.7	1528.6	2257.2	3494.9	5430.8	8262.1	11841.1	16281.8	21554.9	28041.1
-12.5°	835.9	1061.7	1398.1	1983.6	2995.9	4663.8	7137.6	10184.8	13471.7	17174.9	21656.9
-15°	794.6	989.7	1280.6	1796.0	2625.9	3903.5	5709.6	8181.6	10818.3	13630.0	16628.3
-17.5°	762.4	926.4	1167.3	1540.4	2150.8	3166.6	4585.9	6342.0	8279.6	10420.4	12197.1
-20°	718.8	848.4	1050.6	1355.4	1821.1	2494.1	3527.8	4803.6	6082.2	7587.3	8814.7

Classified

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

Scaled Data Report



REPORT NUMBER: P627228 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA3D-740-U-NR-VSR-XX

CANDELA DISTRIBUTION (continued):

	-35°	-32.5°	-30°	-27.5°	-25°	-22.5°	-20°	-17.5°	-15°	-12.5°	-10°
-22.5°	675.2	788.1	942.0	1164.9	1511.5	2020.0	2658.6	3510.5	4445.5	5309.4	6159.8
-25°	634.7	721.6	846.1	1029.1	1264.1	1611.1	2065.7	2554.4	3170.7	3696.6	4280.1
-27.5°	602.0	676.6	768.4	902.6	1085.0	1308.1	1633.6	1961.1	2285.2	2550.6	2952.4
-30°	570.3	630.4	707.2	802.8	939.6	1111.6	1322.9	1535.3	1722.3	1893.0	2102.2
-32.5°	539.2	588.1	647.0	726.4	824.5	953.8	1083.7	1235.9	1365.9	1485.9	1596.9
-35°	508.0	551.5	596.4	663.4	741.6	833.5	927.9	1031.0	1121.1	1201.8	1273.3
-37.5°	479.9	518.1	560.3	610.2	673.2	742.4	819.5	894.4	953.8	1006.3	1049.6
-40°	456.1	490.9	527.0	566.9	614.9	669.5	735.0	797.4	839.0	871.1	897.4
-42.5°	434.9	465.5	496.3	530.2	567.0	614.2	665.9	717.5	745.7	770.5	789.5
-45°	418.0	441.4	467.3	496.2	528.9	568.4	609.0	644.7	669.8	691.1	707.0
-47.5°	395.4	418.1	440.5	464.4	494.8	527.7	561.3	588.7	610.6	629.2	641.3
-50°	370.6	394.4	415.0	436.0	464.0	491.9	519.0	541.6	562.5	580.7	590.3
-52.5°	345.0	370.5	392.1	412.6	436.1	460.4	484.8	504.2	522.5	539.7	546.9
-55°	326.5	350.1	372.3	391.6	410.9	430.4	450.3	470.4	488.6	504.8	509.7
-57.5°	306.6	330.6	352.6	369.9	387.4	405.0	423.2	441.3	458.8	474.4	478.3
-60°	282.2	308.2	327.8	344.1	361.1	378.5	394.3	410.5	426.8	440.4	444.8
-62.5°	251.3	274.9	294.3	311.5	327.9	343.0	358.4	373.6	388.2	399.0	402.5
-65°	214.1	234.3	254.2	272.2	288.4	303.0	317.2	331.0	344.3	353.8	358.5
-67.5°	184.9	199.4	215.4	230.9	247.2	262.2	275.0	287.2	298.5	306.6	311.6
-70°	156.7	170.5	185.5	200.3	214.4	226.6	236.8	246.8	256.5	263.7	269.0
-72.5°	129.7	141.4	153.9	166.9	179.8	190.9	200.3	209.2	217.6	223.7	228.6
-75°	105.3	115.0	125.5	136.0	146.5	155.2	163.1	170.8	178.3	183.7	188.2
-77.5°	83.5	91.7	100.0	108.2	116.5	122.8	128.6	134.2	139.7	144.0	147.9
-80°	61.9	68.3	74.9	81.5	88.1	92.9	97.3	101.4	105.3	107.8	110.0
-82.5°	42.4	46.8	51.4	56.1	60.7	64.3	67.7	71.2	74.5	75.7	76.5
-85°	27.1	29.3	31.7	34.2	36.8	38.8	40.7	42.5	44.2	45.8	47.3
-87.5°	15.0	15.4	15.8	16.2	16.6	18.0	19.3	20.7	22.1	22.4	22.6
-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: P627228 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA3D-740-U-NR-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	0.0	0.0	0.0	0.0
82.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
80°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
77.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
75°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
72.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
70°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
67.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
65°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.4	1.0
62.5°	4.1	4.4	4.5	4.6	4.5	4.4	4.1	3.8	3.3	3.6	4.2
60°	15.6	13.9	13.6	13.7	13.6	13.9	15.6	16.7	16.8	19.6	20.4
57.5°	69.6	77.4	79.6	77.9	79.6	77.4	69.6	61.3	53.1	52.0	53.2
55°	101.4	103.8	104.9	105.3	104.9	103.8	101.4	97.4	91.4	85.7	81.0
52.5°	124.4	123.6	123.4	123.7	123.4	123.6	124.4	123.8	121.5	115.9	107.0
50°	186.9	183.4	182.1	183.2	182.1	183.4	186.9	186.1	176.4	159.6	146.0
47.5°	238.9	239.9	241.5	242.7	241.5	239.9	238.9	237.7	228.2	210.1	190.8
45°	278.9	281.3	283.0	283.9	283.0	281.3	278.9	275.2	262.1	243.1	221.5
42.5°	319.9	320.2	319.7	320.6	319.7	320.2	319.9	316.7	302.1	282.3	259.7
40°	377.6	378.8	377.6	375.5	377.6	378.8	377.6	372.7	360.6	336.3	310.8
37.5°	493.5	495.2	489.7	485.4	489.7	495.2	493.5	483.0	465.1	432.2	399.6
35°	682.5	702.1	711.4	714.4	711.4	702.1	682.5	656.0	626.9	595.1	518.9
32.5°	899.6	926.8	940.5	952.6	940.5	926.8	899.6	863.3	810.9	739.1	646.5
30°	1210.6	1260.8	1282.9	1314.4	1282.9	1260.8	1210.6	1147.4	1051.0	937.0	806.4
27.5°	1718.0	1806.3	1855.2	1900.6	1855.2	1806.3	1718.0	1609.1	1417.3	1256.8	1038.8
25°	2585.1	2755.2	2865.3	2917.3	2865.3	2755.2	2585.1	2364.7	2061.4	1771.7	1414.3
22.5°	4021.5	4335.1	4577.0	4625.5	4577.0	4335.1	4021.5	3547.9	3058.4	2550.2	2000.4
20°	6252.1	6700.8	7065.8	7249.6	7065.8	6700.8	6252.1	5447.9	4619.0	3758.0	2949.5
17.5°	10363.0	11296.4	11722.6	11792.7	11722.6	11296.4	10363.0	8844.4	7569.4	6109.0	4497.5
15°	16478.9	18058.2	19060.8	19706.4	19060.8	18058.2	16478.9	13885.0	11467.5	9178.6	6667.1
12.5°	23457.0	27944.5	30498.0	31471.5	30498.0	27944.5	23457.0	19366.9	15437.6	11988.0	8843.1
10°	32927.8	43492.1	49586.1	52652.6	49586.1	43492.1	32927.8	26236.9	19955.6	14850.5	10671.5
7.5°	49002.0	65318.7	83397.0	91760.7	83397.0	65318.7	49002.0	33496.2	24707.1	17943.8	12719.4
5°	65899.8	101724.7	133168.5	148225.8	133168.5	101724.7	65899.8	44649.6	29754.6	20692.9	14512.6
2.5°	85321.1	133634.4	178303.9	197086.4	178303.9	133634.4	85321.1	52810.6	33486.3	22329.4	15527.2
0°	92795.8	149073.1	197926.8	216362.3	197926.8	149073.1	92795.8	54566.9	34159.8	22916.7	15712.9
-2.5°	86476.6	135975.0	179071.4	200136.5	179071.4	135975.0	86476.6	52605.3	33790.8	22894.6	15861.2
-5°	68710.1	102285.3	134202.3	151367.5	134202.3	102285.3	68710.1	46299.0	30884.6	21513.4	15031.3
-7.5°	50429.0	68706.9	86432.5	92630.9	86432.5	68706.9	50429.0	35661.5	26114.9	18999.6	13656.3
-10°	35109.6	45576.2	52485.3	54456.9	52485.3	45576.2	35109.6	28041.1	21554.9	16281.8	11841.1
-12.5°	26030.2	30608.3	33793.7	34347.6	33793.7	30608.3	26030.2	21656.9	17174.9	13471.7	10184.8
-15°	19274.8	21602.9	23245.8	23356.4	23245.8	21602.9	19274.8	16628.3	13630.0	10818.3	8181.6
-17.5°	14089.9	15652.7	16481.8	16422.7	16481.8	15652.7	14089.9	12197.1	10420.4	8279.6	6342.0
-20°	10075.1	11017.1	11685.1	11554.5	11685.1	11017.1	10075.1	8814.7	7587.3	6082.2	4803.6



REPORT NUMBER: P627228 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA3D-740-U-NR-VSR-XX

CANDELA DISTRIBUTION (continued):

	-7.5°	-5°	-2.5°	0°	2.5°	5°	7.5°	10°	12.5°	15°	17.5°
-22.5°	7025.1	7650.4	8041.9	7941.2	8041.9	7650.4	7025.1	6159.8	5309.4	4445.5	3510.5
-25°	4773.4	5114.2	5308.0	5275.8	5308.0	5114.2	4773.4	4280.1	3696.6	3170.7	2554.4
-27.5°	3252.8	3432.8	3492.8	3489.7	3492.8	3432.8	3252.8	2952.4	2550.6	2285.2	1961.1
-30°	2257.8	2378.7	2447.8	2404.3	2447.8	2378.7	2257.8	2102.2	1893.0	1722.3	1535.3
-32.5°	1682.8	1751.0	1790.4	1749.4	1790.4	1751.0	1682.8	1596.9	1485.9	1365.9	1235.9
-35°	1326.2	1360.6	1374.5	1351.0	1374.5	1360.6	1326.2	1273.3	1201.8	1121.1	1031.0
-37.5°	1081.2	1101.4	1108.2	1094.5	1108.2	1101.4	1081.2	1049.6	1006.3	953.8	894.4
-40°	916.1	928.5	931.6	920.5	931.6	928.5	916.1	897.4	871.1	839.0	797.4
-42.5°	801.6	809.0	810.7	806.0	810.7	809.0	801.6	789.5	770.5	745.7	717.5
-45°	716.4	722.7	723.9	719.0	723.9	722.7	716.4	707.0	691.1	669.8	644.7
-47.5°	647.4	651.3	652.3	650.3	652.3	651.3	647.4	641.3	629.2	610.6	588.7
-50°	594.6	597.2	597.5	595.4	597.5	597.2	594.6	590.3	580.7	562.5	541.6
-52.5°	550.3	552.2	553.5	554.1	553.5	552.2	550.3	546.9	539.7	522.5	504.2
-55°	513.1	515.5	517.0	517.5	517.0	515.5	513.1	509.7	504.8	488.6	470.4
-57.5°	481.4	483.6	485.0	485.4	485.0	483.6	481.4	478.3	474.4	458.8	441.3
-60°	448.4	451.1	452.8	453.4	452.8	451.1	448.4	444.8	440.4	426.8	410.5
-62.5°	404.8	406.0	407.1	407.6	407.1	406.0	404.8	402.5	399.0	388.2	373.6
-65°	362.1	364.5	366.0	366.4	366.0	364.5	362.1	358.5	353.8	344.3	331.0
-67.5°	315.7	318.9	322.3	325.2	322.3	318.9	315.7	311.6	306.6	298.5	287.2
-70°	273.7	277.8	279.1	279.4	279.1	277.8	273.7	269.0	263.7	256.5	246.8
-72.5°	233.0	236.7	240.0	242.7	240.0	236.7	233.0	228.6	223.7	217.6	209.2
-75°	192.2	195.8	196.7	196.9	196.7	195.8	192.2	188.2	183.7	178.3	170.8
-77.5°	151.5	154.8	155.5	155.7	155.5	154.8	151.5	147.9	144.0	139.7	134.2
-80°	112.1	113.9	116.6	119.1	116.6	113.9	112.1	110.0	107.8	105.3	101.4
-82.5°	77.2	77.6	77.8	77.9	77.8	77.6	77.2	76.5	75.7	74.5	71.2
-85°	48.8	50.2	50.3	50.4	50.3	50.2	48.8	47.3	45.8	44.2	42.5
-87.5°	22.7	22.8	22.9	22.9	22.9	22.8	22.7	22.6	22.4	22.1	20.7
-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: P627228 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA3D-740-U-NR-VSR-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°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
85°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
82.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
80°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
77.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
75°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
72.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
70°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
67.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.3
65°	1.1	0.8	0.0	0.0	0.0	0.0	0.3	0.0	0.0	0.1	1.2
62.5°	4.7	5.1	5.2	4.8	3.6	2.2	2.7	3.2	2.2	0.4	1.6
60°	17.3	11.0	15.6	17.1	15.0	10.8	11.0	10.2	8.5	6.7	4.5
57.5°	56.4	54.5	44.8	38.7	36.8	32.6	26.9	21.4	18.9	15.2	10.8
55°	77.9	74.7	69.3	62.0	53.7	51.3	46.6	40.0	33.6	26.0	21.1
52.5°	95.7	96.5	93.5	84.6	77.2	72.3	65.9	59.6	51.8	44.5	34.7
50°	136.7	131.5	126.6	121.5	109.8	98.4	90.4	81.8	70.6	62.3	54.1
47.5°	174.6	166.8	161.6	154.8	141.5	129.6	117.0	104.7	90.8	77.8	69.7
45°	206.9	195.7	185.6	177.3	165.7	152.1	140.8	127.2	111.4	96.3	82.2
42.5°	239.8	222.7	209.0	200.6	186.7	172.6	160.0	149.6	132.4	114.7	100.5
40°	283.5	249.2	236.5	233.2	220.0	197.5	186.9	175.4	157.1	134.1	120.1
37.5°	355.7	309.8	287.3	275.5	263.5	240.2	219.3	204.3	187.8	161.9	141.9
35°	457.7	403.9	354.8	329.5	315.3	283.7	256.2	235.6	215.9	191.3	165.4
32.5°	547.4	486.7	428.1	383.8	352.0	322.8	292.1	266.5	240.8	215.6	190.1
30°	678.1	576.7	496.0	433.6	392.7	356.4	323.9	293.0	263.9	237.4	211.7
27.5°	855.7	693.9	584.3	496.5	435.5	392.3	355.3	319.2	286.0	257.5	231.1
25°	1117.0	858.3	694.4	575.9	487.4	432.1	389.7	348.0	309.2	276.8	254.5
22.5°	1492.3	1138.9	868.7	661.9	563.2	493.0	430.5	378.1	334.0	305.1	278.6
20°	2138.5	1524.6	1125.1	859.6	677.9	565.2	479.7	418.1	373.2	335.9	303.0
17.5°	3243.1	2247.0	1456.8	1106.9	848.3	673.3	550.0	468.2	411.6	366.9	327.7
15°	4596.8	3083.8	2036.5	1426.1	1039.6	763.2	615.9	517.8	451.0	399.4	352.5
12.5°	6006.4	3880.2	2516.8	1668.6	1176.5	859.0	685.1	574.5	490.3	422.9	368.9
10°	7231.1	4698.4	3000.7	1955.2	1331.2	951.0	739.9	610.1	513.8	439.7	382.8
7.5°	8584.2	5535.3	3446.1	2164.9	1459.0	1024.8	776.9	634.1	533.2	453.8	394.2
5°	9586.7	6174.1	3823.0	2356.2	1555.1	1081.1	805.8	651.3	548.4	465.0	403.3
2.5°	10259.2	6619.0	4059.5	2487.9	1614.6	1124.2	829.0	667.4	560.2	476.4	413.3
0°	10469.1	6663.4	4240.8	2569.2	1653.3	1163.2	847.2	682.4	567.9	485.4	421.3
-2.5°	10533.2	6739.9	4222.7	2587.0	1666.6	1184.1	855.0	685.2	573.8	488.8	422.4
-5°	10114.9	6542.4	4128.0	2568.8	1656.6	1183.8	867.9	690.1	577.2	490.0	421.5
-7.5°	9379.9	6115.5	3880.2	2452.4	1608.6	1164.9	877.1	696.6	580.3	493.6	424.8
-10°	8262.1	5430.8	3494.9	2257.2	1528.6	1128.7	868.6	693.1	578.3	493.0	425.5
-12.5°	7137.6	4663.8	2995.9	1983.6	1398.1	1061.7	835.9	678.9	571.1	487.9	423.5
-15°	5709.6	3903.5	2625.9	1796.0	1280.6	989.7	794.6	656.7	558.9	478.8	418.7
-17.5°	4585.9	3166.6	2150.8	1540.4	1167.3	926.4	762.4	638.7	544.4	469.6	412.2
-20°	3527.8	2494.1	1821.1	1355.4	1050.6	848.4	718.8	612.1	527.8	460.1	406.1

Classified

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

Scaled Data Report



REPORT NUMBER: P627228 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA3D-740-U-NR-VSR-XX

CANDELA DISTRIBUTION (continued):

	20°	22.5°	25°	27.5°	30°	32.5°	35°	37.5°	40°	42.5°	45°
-22.5°	2658.6	2020.0	1511.5	1164.9	942.0	788.1	675.2	582.5	507.7	446.4	398.0
-25°	2065.7	1611.1	1264.1	1029.1	846.1	721.6	634.7	559.1	491.7	432.8	388.4
-27.5°	1633.6	1308.1	1085.0	902.6	768.4	676.6	602.0	534.8	474.6	422.6	378.6
-30°	1322.9	1111.6	939.6	802.8	707.2	630.4	570.3	514.1	458.5	409.5	368.0
-32.5°	1083.7	953.8	824.5	726.4	647.0	588.1	539.2	491.8	438.9	396.0	357.0
-35°	927.9	833.5	741.6	663.4	596.4	551.5	508.0	463.7	420.6	380.7	344.5
-37.5°	819.5	742.4	673.2	610.2	560.3	518.1	479.9	440.7	401.6	365.0	331.5
-40°	735.0	669.5	614.9	566.9	527.0	490.9	456.1	420.0	385.2	348.5	317.6
-42.5°	665.9	614.2	567.0	530.2	496.3	465.5	434.9	403.5	369.3	334.6	301.9
-45°	609.0	568.4	528.9	496.2	467.3	441.4	418.0	386.5	353.1	318.3	285.1
-47.5°	561.3	527.7	494.8	464.4	440.5	418.1	395.4	367.6	332.6	299.8	271.6
-50°	519.0	491.9	464.0	436.0	415.0	394.4	370.6	341.6	311.3	284.4	257.8
-52.5°	484.8	460.4	436.1	412.6	392.1	370.5	345.0	319.9	294.1	268.8	244.3
-55°	450.3	430.4	410.9	391.6	372.3	350.1	326.5	301.6	276.3	252.6	227.6
-57.5°	423.2	405.0	387.4	369.9	352.6	330.6	306.6	282.2	256.1	232.2	208.7
-60°	394.3	378.5	361.1	344.1	327.8	308.2	282.2	257.1	233.0	210.3	187.6
-62.5°	358.4	343.0	327.9	311.5	294.3	274.9	251.3	228.2	207.3	187.5	167.1
-65°	317.2	303.0	288.4	272.2	254.2	234.3	214.1	197.2	181.1	164.3	146.4
-67.5°	275.0	262.2	247.2	230.9	215.4	199.4	184.9	170.4	155.4	140.0	123.9
-70°	236.8	226.6	214.4	200.3	185.5	170.5	156.7	143.2	129.3	116.4	104.0
-72.5°	200.3	190.9	179.8	166.9	153.9	141.4	129.7	118.7	107.8	97.2	86.1
-75°	163.1	155.2	146.5	136.0	125.5	115.0	105.3	96.4	87.2	77.9	68.5
-77.5°	128.6	122.8	116.5	108.2	100.0	91.7	83.5	75.5	68.0	60.9	54.4
-80°	97.3	92.9	88.1	81.5	74.9	68.3	61.9	56.5	51.3	46.6	42.0
-82.5°	67.7	64.3	60.7	56.1	51.4	46.8	42.4	39.0	35.7	32.6	29.5
-85°	40.7	38.8	36.8	34.2	31.7	29.3	27.1	25.2	23.3	21.3	19.4
-87.5°	19.3	18.0	16.6	16.2	15.8	15.4	15.0	13.6	12.2	10.9	9.7
-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: P627228 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA3D-740-U-NR-VSR-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°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
85°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
82.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
80°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
77.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
75°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.2	0.4	0.1	0.0
72.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.4	1.0	1.0	0.3
70°	0.0	0.0	0.0	0.4	0.4	0.0	0.0	0.6	1.7	1.9	1.4
67.5°	0.0	0.0	0.0	1.0	1.6	1.3	0.3	0.8	1.9	3.0	2.6
65°	1.5	1.1	0.1	1.2	2.3	3.0	2.2	1.4	2.0	3.1	3.8
62.5°	2.7	3.5	2.6	1.9	2.5	3.6	4.3	2.9	2.4	3.3	4.3
60°	3.0	4.1	4.7	3.6	3.2	3.9	4.6	4.2	3.3	3.5	4.5
57.5°	8.0	5.2	5.2	5.0	4.2	4.3	4.6	4.6	4.1	3.9	4.6
55°	14.9	10.9	7.7	6.2	5.2	4.6	4.7	4.6	4.6	4.3	4.6
52.5°	26.0	18.9	13.8	9.4	7.0	5.2	5.2	4.6	4.6	4.5	4.6
50°	41.5	29.8	21.8	15.7	9.8	7.7	6.0	5.3	4.6	4.6	4.6
47.5°	60.6	44.5	31.9	23.0	16.1	10.4	8.2	6.4	4.6	4.6	4.6
45°	74.7	62.1	44.4	32.1	22.7	15.6	11.0	7.6	5.7	4.8	4.6
42.5°	88.7	77.2	60.4	41.1	31.1	21.5	14.0	10.1	7.0	5.1	4.8
40°	106.5	92.2	75.7	56.1	40.4	27.4	19.1	13.1	8.4	5.9	5.1
37.5°	124.9	108.8	90.9	70.5	51.0	36.2	24.2	16.1	10.6	7.5	5.6
35°	145.5	126.2	105.9	84.3	63.5	45.4	29.1	19.7	13.5	9.1	6.1
32.5°	166.3	142.9	119.9	97.6	75.2	54.8	36.0	24.5	16.3	10.9	6.8
30°	186.5	159.4	132.8	110.4	86.3	64.9	44.7	29.6	19.0	12.7	7.7
27.5°	204.9	175.6	145.3	121.8	97.5	74.3	53.4	35.2	21.6	14.8	9.1
25°	224.1	192.1	159.5	131.9	108.0	83.7	61.5	41.1	25.4	16.9	10.6
22.5°	245.9	208.7	173.3	141.0	119.0	93.0	69.3	48.1	30.0	19.0	12.1
20°	269.3	225.2	187.1	154.0	129.3	102.5	77.0	54.6	34.7	21.0	13.5
17.5°	293.3	243.2	203.8	168.9	139.6	111.4	84.4	60.5	39.4	22.8	14.9
15°	309.6	261.2	218.8	182.7	149.8	119.6	91.3	65.8	44.1	24.5	16.4
12.5°	323.2	276.7	232.0	195.6	159.9	127.1	97.8	70.6	48.6	26.9	17.7
10°	335.3	289.9	243.5	207.3	169.7	133.9	103.7	74.9	52.8	29.8	19.0
7.5°	345.7	300.7	253.4	217.9	179.0	140.8	108.7	78.6	56.4	32.8	20.2
5°	354.4	310.0	261.7	224.8	187.6	147.9	112.9	81.8	59.4	35.7	21.2
2.5°	361.3	318.5	268.8	229.8	195.1	154.5	116.3	84.6	62.0	38.6	22.1
0°	366.4	325.2	274.8	233.6	201.5	160.3	119.1	87.0	64.1	41.2	22.9
-2.5°	369.7	326.3	281.1	237.9	205.3	165.1	124.7	90.0	65.8	43.6	24.3
-5°	371.1	326.1	285.8	241.2	208.1	168.9	129.3	92.4	67.1	45.6	25.5
-7.5°	373.1	327.6	288.4	243.8	209.9	171.9	132.9	94.2	68.2	47.2	26.7
-10°	374.0	329.2	289.0	247.0	211.5	174.0	135.2	95.4	68.9	48.4	27.7
-12.5°	372.9	329.0	288.8	248.8	212.2	175.2	136.5	97.2	69.6	49.2	28.5
-15°	370.0	327.1	288.1	249.0	212.1	175.7	136.8	98.8	71.0	49.4	29.2
-17.5°	365.4	323.3	287.1	247.5	211.2	175.5	136.4	99.6	71.7	49.0	29.9
-20°	360.8	319.9	285.5	244.2	209.6	174.5	135.2	99.4	71.7	48.3	30.5

Classified

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Scaled Data Report



REPORT NUMBER: P627228 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA3D-740-U-NR-VSR-XX

CANDELA DISTRIBUTION (continued):

	47.5°	50°	52.5°	55°	57.5°	60°	62.5°	65°	67.5°	70°	72.5°
-22.5°	354.9	316.6	280.5	240.9	207.3	172.9	133.3	98.2	70.9	47.2	30.9
-25°	347.4	311.6	274.7	238.3	204.5	169.6	131.1	96.1	69.2	45.8	31.0
-27.5°	339.9	304.9	268.6	234.7	200.5	165.7	128.1	94.0	66.9	44.0	30.9
-30°	331.1	297.4	263.2	229.8	194.9	160.1	123.9	90.9	64.4	43.0	30.6
-32.5°	321.6	289.8	257.2	222.5	187.9	153.9	118.6	86.6	61.6	42.5	30.2
-35°	311.9	281.3	249.9	213.3	180.4	147.2	113.2	81.1	58.3	41.6	29.8
-37.5°	300.6	270.9	238.1	203.4	172.4	139.9	108.1	78.0	54.7	40.4	29.3
-40°	287.7	258.0	224.6	194.2	163.9	132.3	102.6	75.1	52.3	38.8	28.6
-42.5°	273.3	243.6	213.7	184.7	155.0	125.8	97.0	71.5	51.2	37.6	27.8
-45°	258.4	230.6	203.6	175.0	146.1	119.0	92.2	67.6	49.7	36.5	26.9
-47.5°	244.5	219.5	192.6	164.4	138.4	112.1	86.7	65.0	47.5	35.3	26.0
-50°	232.8	207.4	180.4	153.8	129.3	105.0	80.9	61.7	45.7	34.0	24.9
-52.5°	219.3	193.6	167.2	142.1	119.5	97.0	76.0	57.6	43.2	32.3	23.5
-55°	203.2	177.7	152.5	130.5	109.3	89.5	70.2	53.5	40.0	30.3	21.9
-57.5°	184.4	159.7	139.0	119.0	99.1	81.1	63.8	48.4	37.1	28.1	20.2
-60°	165.1	145.1	126.2	106.6	88.4	71.9	56.5	43.4	34.1	25.7	18.2
-62.5°	147.9	129.7	111.1	93.1	77.2	62.4	49.0	39.5	30.8	23.0	16.1
-65°	128.7	111.4	94.8	80.0	65.9	53.4	43.9	35.2	27.3	20.2	14.2
-67.5°	108.0	94.2	80.2	66.8	56.3	47.1	38.5	30.7	23.5	17.1	13.0
-70°	91.3	78.4	66.8	57.3	48.6	40.5	32.9	25.9	19.6	15.3	11.8
-72.5°	75.3	65.4	56.3	48.2	40.6	33.5	27.0	21.3	17.0	13.4	10.4
-75°	60.0	52.8	45.7	38.7	32.3	26.5	22.1	17.9	14.4	11.4	9.1
-77.5°	48.1	41.7	35.1	30.2	26.2	22.2	18.2	14.4	11.9	9.9	7.8
-80°	37.0	32.5	28.6	25.2	21.5	17.9	14.8	12.1	10.3	8.4	6.5
-82.5°	26.6	24.2	22.1	20.1	17.3	14.7	12.4	10.3	8.6	6.9	5.1
-85°	18.1	17.0	15.9	15.0	13.1	11.4	9.5	7.7	6.1	4.7	3.4
-87.5°	9.3	8.8	8.3	7.8	6.7	5.7	4.8	3.9	3.1	2.4	1.7
-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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CATALOG NUMBER: GFLD-SA3D-740-U-NR-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°	0.0	0.0	0.0	0.0	0.0	0.1	0.0
85°	0.0	0.0	0.0	0.0	0.0	0.2	0.0
82.5°	0.0	0.0	0.0	0.0	0.0	0.3	0.0
80°	0.0	0.0	0.0	0.0	0.0	0.4	0.0
77.5°	0.0	0.1	0.0	0.0	0.0	0.5	0.0
75°	0.1	0.4	0.1	0.0	0.1	0.6	0.0
72.5°	0.2	0.7	0.5	0.0	0.1	0.7	0.0
70°	0.5	1.0	0.9	0.1	0.2	0.8	0.0
67.5°	1.6	1.4	1.4	0.5	0.3	0.9	0.0
65°	2.7	2.0	1.9	1.0	0.4	1.1	0.0
62.5°	3.6	2.6	2.4	1.5	0.5	1.2	0.0
60°	4.5	3.2	2.9	1.9	0.6	1.3	0.0
57.5°	4.6	3.8	3.2	2.4	1.0	1.4	0.0
55°	4.6	4.2	3.5	2.9	1.4	1.6	0.0
52.5°	4.6	4.6	3.8	3.4	1.7	1.7	0.0
50°	4.6	4.6	4.1	3.9	2.1	1.8	0.0
47.5°	4.6	4.6	4.3	4.4	2.4	2.0	0.0
45°	4.6	4.6	4.4	4.5	2.7	2.1	0.0
42.5°	4.6	4.6	4.6	4.6	3.0	2.2	0.0
40°	4.6	4.6	4.6	4.6	3.2	2.4	0.0
37.5°	4.6	4.6	4.6	4.6	3.4	2.5	0.0
35°	4.6	4.6	4.6	4.6	3.6	2.7	0.0
32.5°	4.7	4.6	4.6	4.6	3.8	2.8	0.0
30°	5.2	4.6	4.6	4.6	4.0	3.0	0.0
27.5°	5.7	4.6	4.6	4.6	4.1	3.1	0.0
25°	6.3	4.6	4.6	4.6	4.2	3.3	0.0
22.5°	6.8	4.7	4.6	4.6	4.3	3.4	0.0
20°	7.4	5.0	4.6	4.6	4.4	3.6	0.0
17.5°	8.3	5.4	4.6	4.6	4.5	3.7	0.0
15°	9.2	5.9	4.6	4.6	4.5	3.9	0.0
12.5°	10.0	6.4	4.6	4.6	4.6	4.0	0.0
10°	10.9	7.0	4.6	4.6	4.6	4.1	0.0
7.5°	11.7	7.5	4.6	4.6	4.6	4.3	0.0
5°	12.4	8.1	4.6	4.6	4.6	4.4	0.0
2.5°	13.1	8.7	4.6	4.6	4.6	4.5	0.0
0°	13.7	9.2	4.6	4.6	4.6	4.6	0.0
-2.5°	14.9	9.7	5.0	4.6	4.6	4.6	0.0
-5°	16.0	10.1	5.4	4.6	4.6	4.6	0.0
-7.5°	17.1	10.5	5.8	4.6	4.6	4.6	0.0
-10°	17.9	10.8	6.1	4.6	4.6	4.5	0.0
-12.5°	18.7	11.1	6.4	4.6	4.6	4.5	0.0
-15°	19.3	11.4	6.7	4.6	4.6	4.4	0.0
-17.5°	19.7	11.6	6.9	4.6	4.6	4.4	0.0
-20°	19.9	11.7	7.0	4.6	4.6	4.3	0.0

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CATALOG NUMBER: GFLD-SA3D-740-U-NR-VSR-XX

CANDELA DISTRIBUTION (continued):

	75°	77.5°	80°	82.5°	85°	87.5°	90°
-22.5°	20.2	11.8	7.1	4.6	4.6	4.2	0.0
-25°	20.3	12.1	7.0	4.6	4.6	4.2	0.0
-27.5°	20.3	12.5	6.9	4.6	4.6	4.1	0.0
-30°	20.2	12.7	6.8	4.6	4.6	4.0	0.0
-32.5°	20.0	12.8	6.7	4.6	4.6	3.9	0.0
-35°	19.9	12.8	6.6	4.6	4.6	3.8	0.0
-37.5°	19.9	12.6	6.5	4.6	4.6	3.6	0.0
-40°	19.6	12.4	6.2	4.6	4.6	3.5	0.0
-42.5°	19.2	12.0	6.2	4.6	4.6	3.4	0.0
-45°	18.6	11.5	6.3	4.8	4.6	3.3	0.0
-47.5°	17.9	10.9	6.5	4.9	4.6	3.1	0.0
-50°	16.9	10.2	6.5	4.9	4.6	3.0	0.0
-52.5°	15.9	9.3	6.5	5.0	4.6	2.8	0.0
-55°	14.6	9.1	6.5	5.0	4.6	2.6	0.0
-57.5°	13.2	8.9	6.4	5.0	4.6	2.5	0.0
-60°	11.8	8.6	6.3	4.9	4.6	2.3	0.0
-62.5°	11.3	8.2	6.1	4.9	4.2	2.1	0.0
-65°	10.6	7.8	5.9	4.8	3.9	1.9	0.0
-67.5°	9.8	7.3	5.6	4.7	3.5	1.8	0.0
-70°	8.9	6.8	5.3	4.6	3.1	1.6	0.0
-72.5°	8.0	6.2	5.0	4.1	2.8	1.4	0.0
-75°	6.9	5.5	4.7	3.6	2.4	1.2	0.0
-77.5°	5.9	4.8	4.0	3.0	2.0	1.0	0.0
-80°	4.7	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)