

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: P627048 (CONVERTED FROM TYPE C PHOTOMETRY)

Luminaire Tested: **GFLD-SA2E-740-U-NR-VSR-XX**

Issue Date: 12/7/2022

Test Information

Test Method: LM-79-08
Report Number: P627048 (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-SA2E-740-U-NR-VSR-XX
Description: GALLEON FLOOD, TWO LIGHT SQAURE, NARROW SYMMETRICAL ROUND N3 WITH VISOR
Light Source: (32) 4000K CCT, 70 CRI LEDS
Ballast/Driver: -

Summary

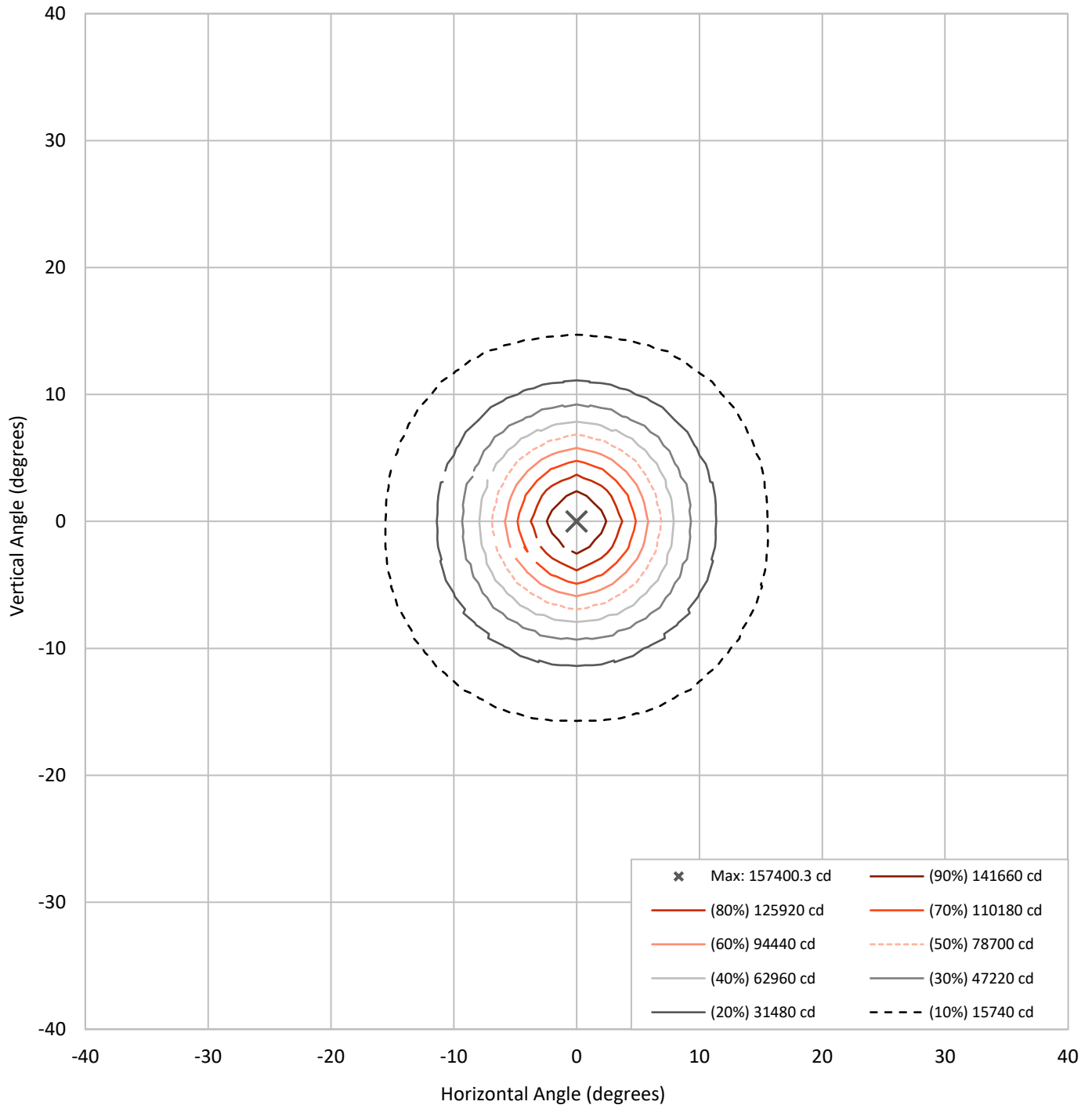
Lumens per Lamp:	N/A	NEMA Type:	3H x 3V
Luminaire Lumens:	15527.8 lumens	Max Intensity:	157400.3 candela
Efficiency:	N/A	Max Intensity Angle:	0°H x 0°V
Efficacy:	123.5 lumens/watt		
Luminous Opening:	Rectangular (W 1' x L: 0.5' x H: 0')		
Beam Angle (50%):	13.6°H x 13.6°V	Field Angle (10%):	30.9°H x 30.2°V
Beam Lumens:	4957.2 lumens	Field Lumens:	11041.3 lumens
Beam Efficiency:	31.9%	Field Efficiency:	71.1%
Input Watts (W):	125.7		
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





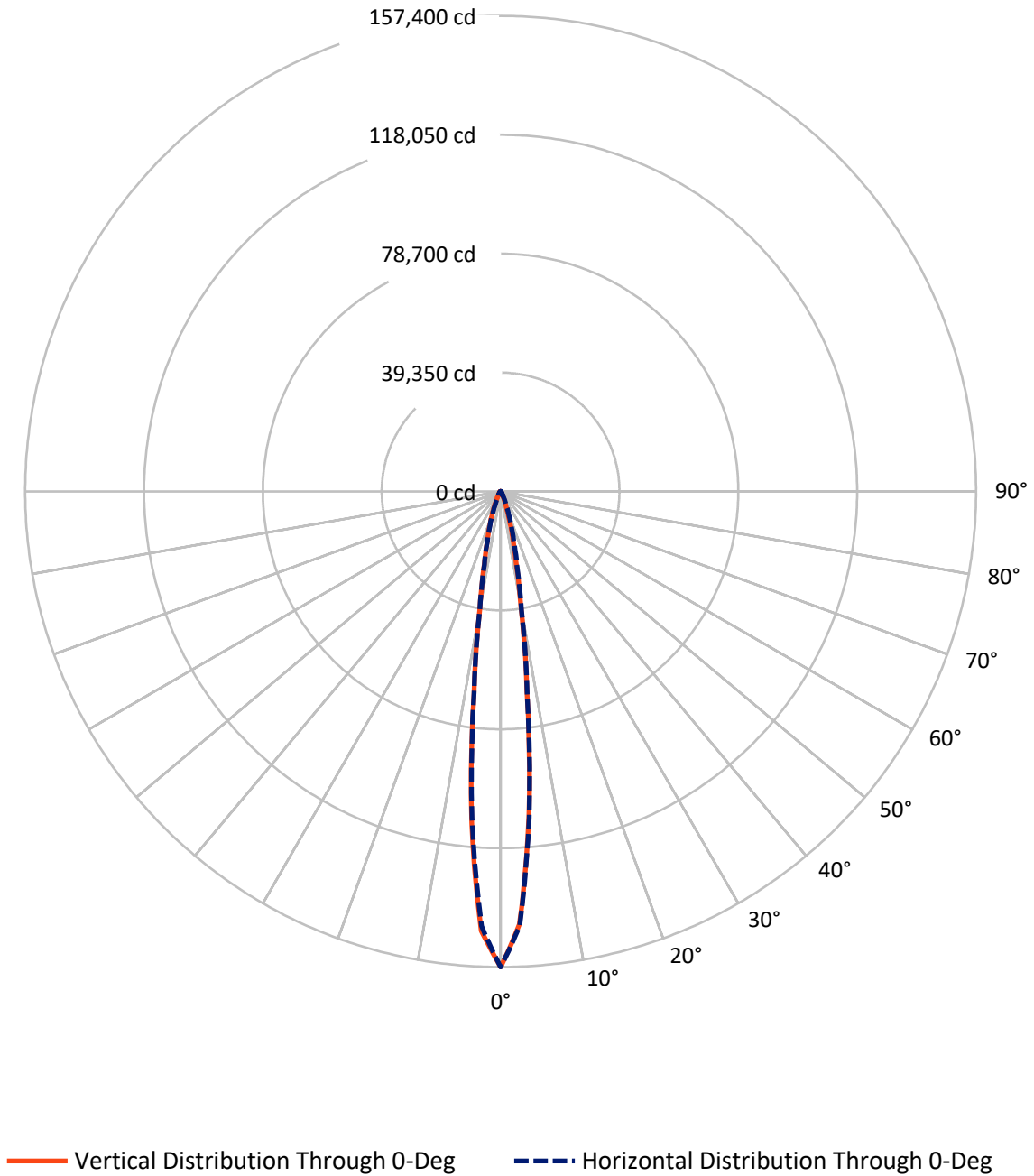
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Lumen Table

90																			
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				
70																			
60	0.0	0.0	0.0	0.0	0.0	0.1	0.1	0.1	0.1	0.1	0.1	0.0	0.0	0.0	0.0				
50		0.0	0.1	0.4	0.9	1.4	1.8	2.2	2.2	1.8	1.4	0.9	0.4	0.1	0.0				
40	0.1	0.1	0.5	1.4	2.5	3.7	5.2	6.2	6.2	5.2	3.7	2.5	1.4	0.5	0.1				
30		0.2	1.1	2.6	4.7	7.4	12.6	16.1	16.1	12.6	7.4	4.7	2.6	1.1	0.2				
20	0.1	0.4	1.7	4.0	7.3	15.8	42.2	69.9	69.9	42.2	15.8	7.3	4.0	1.7	0.4				
10		0.7	2.4	5.5	12.0	47.2	199.0	437.5	437.5	199.0	47.2	12.0	5.5	2.4	0.7				
0	0.2	0.8	2.9	6.5	16.3	88.6	477.0	2139.1	2139.1	477.0	88.6	16.3	6.5	2.9	0.8				
-10		1.0	3.1	6.8	17.5	94.4	493.7	2175.4	2175.4	493.7	94.4	17.5	6.8	3.1	1.0				
-20	0.3	1.0	3.2	6.7	15.4	60.1	239.7	512.6	512.6	239.7	60.1	15.4	6.7	3.2	1.0				
-30		1.0	3.1	6.2	11.9	28.1	73.8	123.1	123.1	73.8	28.1	11.9	6.2	3.1	1.0				
-40	0.3	0.8	2.7	5.5	9.3	15.4	25.1	31.9	31.9	25.1	15.4	9.3	5.5	2.7	0.8				
-50		0.7	2.2	4.5	7.5	10.8	14.5	16.2	16.2	14.5	10.8	7.5	4.5	2.2	0.7				
-60	0.2	0.5	1.7	3.6	5.9	8.3	10.5	11.4	11.4	10.5	8.3	5.9	3.6	1.7	0.5				
-70		0.3	1.0	2.3	4.0	5.8	7.3	8.0	8.0	7.3	5.8	4.0	2.3	1.0	0.3				
-80	0.1	0.9	3.9	8.6	10.9	8.6	3.9	0.9	0.1										
-90																			
	-90	-80	-70	-60	-50	-40	-30	-20	-10	0	10	20	30	40	50	60	70	80	90

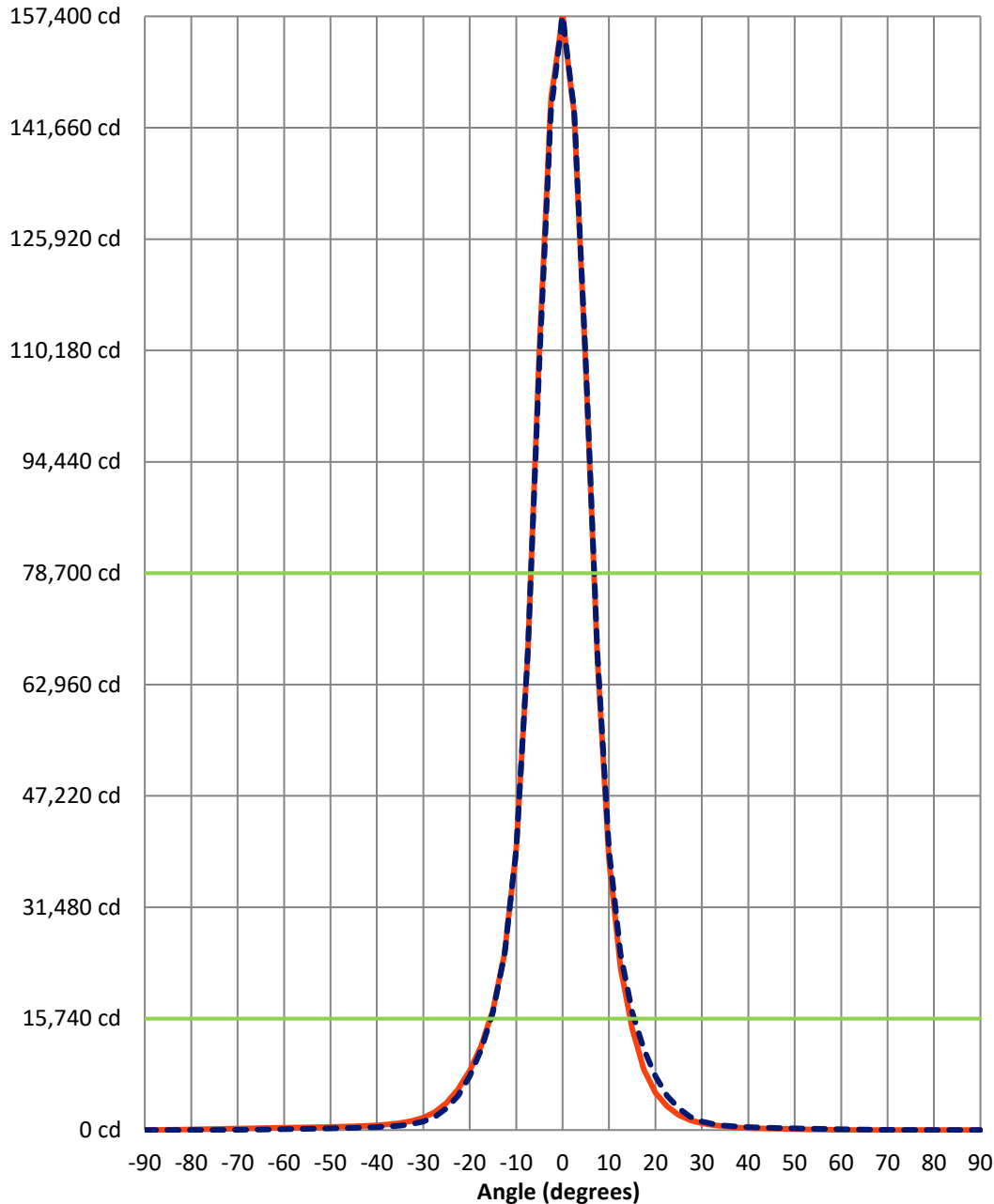
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Luminous Intensity Polar Plot



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Luminous Intensity Plot



Beam:
 H Angle: 13.6°
 V Angle: 13.6°
 Lumens: 4957.2
 Efficiency: 31.9%

Field:
 H Angle: 30.9°
 V Angle: 30.2°
 Lumens: 11041.3
 Efficiency: 71.1%

Spill:
 Lumens: 4486.6
 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	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
82.5°	0.0	0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
80°	0.0	0.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
77.5°	0.0	0.4	0.0	0.0	0.0	0.1	0.0	0.0	0.0	0.0	0.0
75°	0.0	0.4	0.1	0.0	0.1	0.3	0.1	0.0	0.1	0.3	0.1
72.5°	0.0	0.5	0.1	0.0	0.4	0.5	0.2	0.2	0.7	0.7	0.3
70°	0.0	0.6	0.1	0.1	0.7	0.7	0.4	1.0	1.4	1.2	0.4
67.5°	0.0	0.7	0.2	0.4	1.0	1.0	1.2	1.9	2.1	1.3	0.6
65°	0.0	0.8	0.3	0.7	1.3	1.4	1.9	2.7	2.2	1.5	1.0
62.5°	0.0	0.8	0.3	1.1	1.7	1.9	2.6	3.1	2.3	1.7	2.1
60°	0.0	0.9	0.4	1.4	2.1	2.3	3.2	3.2	2.5	2.4	3.0
57.5°	0.0	1.0	0.7	1.7	2.3	2.7	3.3	3.3	2.8	2.9	3.3
55°	0.0	1.1	1.0	2.1	2.5	3.0	3.3	3.3	3.0	3.3	3.3
52.5°	0.0	1.2	1.2	2.5	2.7	3.3	3.3	3.3	3.2	3.3	3.3
50°	0.0	1.3	1.5	2.8	2.9	3.3	3.3	3.3	3.3	3.3	3.9
47.5°	0.0	1.4	1.7	3.1	3.1	3.3	3.3	3.3	3.3	3.3	4.6
45°	0.0	1.5	1.9	3.2	3.2	3.3	3.3	3.3	3.4	4.1	5.5
42.5°	0.0	1.6	2.1	3.3	3.3	3.3	3.3	3.4	3.6	5.1	7.4
40°	0.0	1.7	2.3	3.3	3.3	3.3	3.3	3.7	4.2	6.1	9.5
37.5°	0.0	1.8	2.5	3.3	3.3	3.3	3.3	4.0	5.4	7.7	11.7
35°	0.0	1.9	2.6	3.3	3.3	3.3	3.3	4.4	6.6	9.8	14.3
32.5°	0.0	2.0	2.7	3.3	3.3	3.3	3.4	4.9	7.9	11.8	17.8
30°	0.0	2.1	2.9	3.3	3.3	3.3	3.8	5.6	9.3	13.8	21.5
27.5°	0.0	2.3	3.0	3.3	3.3	3.3	4.1	6.6	10.7	15.7	25.6
25°	0.0	2.4	3.0	3.3	3.3	3.3	4.5	7.7	12.3	18.5	29.9
22.5°	0.0	2.5	3.1	3.3	3.3	3.4	5.0	8.8	13.8	21.8	35.0
20°	0.0	2.6	3.2	3.3	3.3	3.6	5.4	9.8	15.2	25.2	39.7
17.5°	0.0	2.7	3.2	3.3	3.3	3.9	6.0	10.9	16.6	28.7	44.0
15°	0.0	2.8	3.2	3.3	3.3	4.3	6.7	11.9	17.8	32.0	47.8
12.5°	0.0	2.9	3.3	3.3	3.3	4.6	7.3	12.9	19.5	35.3	51.3
10°	0.0	3.0	3.3	3.3	3.3	5.1	7.9	13.8	21.7	38.4	54.4
7.5°	0.0	3.1	3.3	3.3	3.3	5.5	8.5	14.7	23.9	41.0	57.1
5°	0.0	3.1	3.3	3.3	3.3	5.9	9.0	15.4	26.0	43.2	59.5
2.5°	0.0	3.2	3.3	3.3	3.3	6.3	9.5	16.1	28.1	45.1	61.6
0°	0.0	3.3	3.3	3.3	3.3	6.7	10.0	16.7	30.0	46.6	63.3
-2.5°	0.0	3.3	3.3	3.3	3.6	7.0	10.9	17.7	31.7	47.8	65.5
-5°	0.0	3.3	3.3	3.3	3.9	7.4	11.7	18.6	33.2	48.8	67.2
-7.5°	0.0	3.3	3.3	3.3	4.2	7.6	12.4	19.4	34.4	49.6	68.5
-10°	0.0	3.2	3.3	3.3	4.4	7.9	13.1	20.1	35.2	50.1	69.4
-12.5°	0.0	3.2	3.3	3.3	4.6	8.1	13.6	20.7	35.8	50.6	70.7
-15°	0.0	3.2	3.3	3.3	4.8	8.3	14.1	21.2	35.9	51.6	71.9
-17.5°	0.0	3.1	3.3	3.3	5.0	8.4	14.3	21.7	35.6	52.2	72.4
-20°	0.0	3.1	3.3	3.3	5.1	8.5	14.5	22.2	35.1	52.1	72.3

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CATALOG NUMBER: GFLD-SA2E-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	3.0	3.3	3.3	5.1	8.6	14.7	22.5	34.3	51.5	71.5
-25°	0.0	3.0	3.3	3.3	5.1	8.8	14.8	22.6	33.3	50.3	69.9
-27.5°	0.0	2.9	3.3	3.3	5.0	9.1	14.8	22.5	32.0	48.6	68.4
-30°	0.0	2.9	3.3	3.3	4.9	9.2	14.7	22.3	31.3	46.8	66.1
-32.5°	0.0	2.8	3.3	3.3	4.9	9.3	14.5	22.0	30.9	44.7	63.0
-35°	0.0	2.7	3.3	3.3	4.8	9.3	14.5	21.7	30.3	42.4	58.9
-37.5°	0.0	2.6	3.3	3.3	4.7	9.2	14.4	21.3	29.4	39.7	56.7
-40°	0.0	2.5	3.3	3.3	4.5	9.0	14.3	20.8	28.3	38.0	54.6
-42.5°	0.0	2.4	3.3	3.3	4.5	8.7	14.0	20.2	27.4	37.3	52.0
-45°	0.0	2.3	3.3	3.4	4.6	8.4	13.6	19.5	26.6	36.1	49.2
-47.5°	0.0	2.2	3.3	3.5	4.7	7.9	13.0	18.9	25.6	34.6	47.3
-50°	0.0	2.1	3.3	3.5	4.7	7.4	12.4	18.1	24.7	33.2	44.9
-52.5°	0.0	2.0	3.3	3.6	4.7	6.8	11.6	17.1	23.4	31.4	41.9
-55°	0.0	1.9	3.3	3.6	4.7	6.6	10.7	16.0	22.0	29.0	38.9
-57.5°	0.0	1.8	3.3	3.6	4.6	6.4	9.7	14.7	20.5	26.9	35.2
-60°	0.0	1.6	3.3	3.6	4.5	6.2	8.6	13.3	18.7	24.8	31.5
-62.5°	0.0	1.5	3.0	3.5	4.4	6.0	8.2	11.7	16.8	22.5	28.7
-65°	0.0	1.4	2.8	3.5	4.2	5.7	7.7	10.3	14.7	19.9	25.7
-67.5°	0.0	1.3	2.5	3.4	4.1	5.3	7.1	9.5	12.5	17.2	22.4
-70°	0.0	1.1	2.3	3.3	3.8	4.9	6.5	8.6	11.2	14.3	18.9
-72.5°	0.0	1.0	2.0	3.0	3.6	4.5	5.8	7.6	9.8	12.4	15.5
-75°	0.0	0.9	1.7	2.6	3.3	4.0	5.0	6.6	8.3	10.5	13.1
-77.5°	0.0	0.7	1.4	2.1	2.8	3.5	4.2	5.7	7.2	8.7	10.5
-80°	0.0	0.6	1.1	1.7	2.3	2.8	3.4	4.7	6.1	7.5	8.8
-82.5°	0.0	0.4	0.9	1.3	1.7	2.1	2.6	3.7	5.0	6.3	7.5
-85°	0.0	0.3	0.6	0.9	1.1	1.4	1.7	2.5	3.4	4.5	5.6
-87.5°	0.0	0.1	0.3	0.4	0.6	0.7	0.9	1.2	1.7	2.2	2.8
-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	0.3	0.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0
67.5°	0.2	0.9	1.1	0.7	0.0	0.0	0.0	0.2	0.0	0.0	0.0
65°	1.6	2.1	1.6	0.9	0.1	0.8	1.1	0.9	0.1	0.0	0.0
62.5°	3.1	2.6	1.8	1.4	1.9	2.5	1.9	1.1	0.3	1.6	2.3
60°	3.3	2.8	2.3	2.6	3.3	3.0	2.2	3.2	4.9	6.2	7.5
57.5°	3.3	3.1	3.0	3.6	3.8	3.8	5.9	7.8	11.1	13.8	15.6
55°	3.4	3.3	3.8	4.5	5.6	8.0	10.9	15.4	18.9	24.4	29.1
52.5°	3.8	3.7	5.1	6.8	10.1	13.8	18.9	25.2	32.3	37.7	43.3
50°	4.3	5.6	7.1	11.5	15.9	21.7	30.1	39.3	45.3	51.4	59.5
47.5°	5.9	7.6	11.8	16.7	23.2	32.4	44.0	50.7	56.6	66.1	76.2
45°	8.0	11.4	16.5	23.4	32.3	45.2	54.4	59.8	70.1	81.0	92.5
42.5°	10.2	15.7	22.7	29.9	43.9	56.2	64.5	73.1	83.5	96.3	108.8
40°	13.8	19.9	29.4	40.8	55.1	67.0	77.5	87.4	97.6	114.3	127.6
37.5°	17.6	26.4	37.1	51.3	66.1	79.2	90.8	103.2	117.8	136.6	148.6
35°	21.1	33.0	46.2	61.3	77.0	91.8	105.8	120.3	139.2	157.0	171.3
32.5°	26.2	39.9	54.7	71.0	87.2	103.9	121.0	138.3	156.9	175.1	193.9
30°	32.5	47.2	62.8	80.3	96.6	116.0	135.7	154.0	172.7	192.0	213.1
27.5°	38.9	54.0	70.9	88.6	105.7	127.8	149.1	168.2	187.3	208.1	232.2
25°	44.8	60.9	78.5	95.9	116.1	139.7	163.0	185.1	201.4	225.0	253.2
22.5°	50.4	67.7	86.6	102.6	126.1	151.8	178.9	202.7	222.0	243.0	275.0
20°	56.0	74.6	94.1	112.1	136.1	163.8	195.9	220.5	244.4	271.5	304.2
17.5°	61.4	81.0	101.5	122.9	148.2	176.9	213.4	238.4	266.9	299.4	340.6
15°	66.4	87.0	109.0	133.0	159.2	190.0	225.2	256.4	290.5	328.1	376.7
12.5°	71.2	92.5	116.3	142.3	168.8	201.3	235.2	268.3	307.6	356.7	417.9
10°	75.5	97.4	123.5	150.9	177.2	210.9	243.9	278.4	319.9	373.8	443.9
7.5°	79.1	102.4	130.2	158.6	184.4	218.8	251.5	286.8	330.2	388.0	461.3
5°	82.1	107.6	136.5	163.6	190.4	225.5	257.8	293.4	338.3	399.0	473.8
2.5°	84.6	112.4	141.9	167.2	195.6	231.7	262.8	300.7	346.6	407.6	485.5
0°	86.6	116.6	146.6	169.9	199.9	236.5	266.5	306.5	353.2	413.1	496.4
-2.5°	90.7	120.1	149.4	173.0	204.5	237.3	268.9	307.3	355.6	417.4	498.5
-5°	94.1	122.9	151.4	175.5	207.9	237.3	270.0	306.6	356.5	419.9	502.1
-7.5°	96.7	125.0	152.8	177.4	209.7	238.4	271.5	309.0	359.1	422.2	506.8
-10°	98.4	126.6	153.9	179.7	210.2	239.5	272.1	309.5	358.6	420.7	504.2
-12.5°	99.3	127.5	154.4	181.0	210.1	239.4	271.3	308.1	355.0	415.5	493.9
-15°	99.5	127.8	154.3	181.2	209.6	238.0	269.1	304.6	348.4	406.6	477.8
-17.5°	99.2	127.7	153.7	180.1	208.9	235.2	265.8	299.9	341.7	396.1	464.6
-20°	98.4	127.0	152.5	177.7	207.7	232.7	262.5	295.4	334.7	384.0	445.3

Classified

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

Scaled Data Report



REPORT NUMBER: P627048 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA2E-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°	97.0	125.8	150.9	175.2	204.0	230.3	258.2	289.6	324.8	369.3	423.8
-25°	95.4	123.4	148.8	173.4	199.8	226.7	252.7	282.6	314.9	357.8	406.8
-27.5°	93.2	120.6	145.9	170.8	195.4	221.8	247.3	275.5	307.5	345.3	389.1
-30°	90.2	116.5	141.8	167.2	191.5	216.3	240.9	267.8	298.0	333.6	374.0
-32.5°	86.3	112.0	136.8	161.9	187.1	210.8	233.9	259.8	288.1	319.4	357.8
-35°	82.3	107.1	131.3	155.2	181.8	204.7	226.9	250.6	277.0	306.0	337.4
-37.5°	78.6	101.8	125.4	148.0	173.2	197.1	218.7	241.2	265.6	292.2	320.7
-40°	74.6	96.2	119.3	141.3	163.4	187.7	209.3	231.0	253.6	280.3	305.6
-42.5°	70.5	91.5	112.8	134.4	155.5	177.2	198.8	219.6	243.4	268.7	293.5
-45°	67.1	86.6	106.3	127.3	148.1	167.7	188.0	207.5	231.6	256.9	281.1
-47.5°	63.0	81.5	100.6	119.6	140.1	159.7	177.9	197.6	218.1	242.0	267.5
-50°	58.9	76.4	94.0	111.9	131.3	150.9	169.4	187.5	206.9	226.5	248.5
-52.5°	55.3	70.6	87.0	103.4	121.7	140.9	159.6	177.7	195.6	214.0	232.8
-55°	51.1	65.1	79.6	94.9	111.0	129.3	147.8	165.6	183.8	201.0	219.4
-57.5°	46.4	59.0	72.1	86.6	101.2	116.2	134.2	151.8	168.9	186.3	205.3
-60°	41.0	52.3	64.3	77.6	91.8	105.6	120.1	136.5	153.0	169.5	187.0
-62.5°	35.6	45.3	56.1	67.8	80.8	94.4	107.7	121.6	136.4	150.8	166.0
-65°	32.0	38.8	47.9	58.2	69.0	81.1	93.7	106.5	119.6	131.8	143.5
-67.5°	28.1	34.3	40.9	48.6	58.3	68.5	78.6	90.1	101.8	113.0	123.9
-70°	24.0	29.5	35.4	41.7	48.6	57.0	66.4	75.6	84.6	94.0	104.2
-72.5°	19.6	24.4	29.5	35.0	40.9	47.5	54.8	62.6	70.7	78.4	86.4
-75°	16.1	19.3	23.5	28.1	33.2	38.4	43.6	49.8	56.6	63.5	70.2
-77.5°	13.3	16.2	19.1	21.9	25.5	30.3	34.9	39.5	44.3	49.4	55.0
-80°	10.8	13.1	15.7	18.3	20.8	23.7	26.9	30.5	33.9	37.3	41.1
-82.5°	9.0	10.7	12.6	14.7	16.1	17.7	19.4	21.5	23.7	26.0	28.3
-85°	6.9	8.3	9.6	10.9	11.6	12.4	13.2	14.1	15.5	16.9	18.3
-87.5°	3.5	4.2	4.9	5.7	6.1	6.4	6.8	7.1	8.0	8.9	9.9
-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: P627048 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA2E-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°	0.2	0.0	0.0	0.0	0.0	0.6	0.8	0.7	0.3	0.0	0.0
62.5°	2.0	1.6	2.6	3.4	3.8	3.7	3.4	3.0	2.6	2.4	2.7
60°	8.0	7.9	11.0	12.4	11.3	8.0	12.6	14.8	14.2	12.2	12.1
57.5°	19.6	23.8	26.8	28.2	32.6	39.7	41.0	38.7	37.9	38.6	44.6
55°	33.9	37.3	39.1	45.1	50.4	54.3	56.6	58.9	62.3	66.5	70.8
52.5°	47.9	52.6	56.2	61.6	68.0	70.2	69.6	77.9	84.3	88.4	90.1
50°	65.8	71.6	79.9	88.4	92.1	95.7	99.5	106.2	116.1	128.4	135.4
47.5°	85.1	94.2	102.9	112.6	117.5	121.4	127.0	138.8	152.8	166.0	172.9
45°	102.4	110.6	120.5	128.9	135.0	142.4	150.5	161.2	176.9	190.7	200.2
42.5°	116.4	125.6	135.8	146.0	152.1	162.0	174.4	188.9	205.4	219.8	230.4
40°	135.9	143.7	160.0	169.7	172.1	181.3	206.2	226.0	244.6	262.3	271.2
37.5°	159.6	174.7	191.7	200.5	209.0	225.3	258.7	290.7	314.4	338.4	351.4
35°	186.4	206.4	229.5	239.7	258.1	293.8	333.0	377.5	432.9	456.1	477.2
32.5°	212.5	234.8	256.1	279.2	311.4	354.1	398.2	470.4	537.8	589.9	628.1
30°	235.6	259.3	285.7	315.4	360.8	419.6	493.3	586.7	681.7	764.6	834.7
27.5°	258.5	285.4	316.8	361.2	425.0	504.9	622.5	755.7	914.3	1031.1	1170.6
25°	283.5	314.3	354.6	419.0	505.1	624.4	812.6	1028.9	1288.9	1499.7	1720.3
22.5°	313.2	358.6	409.7	481.5	632.0	828.5	1085.6	1455.3	1855.2	2225.0	2581.1
20°	349.0	411.2	493.1	625.3	818.5	1109.1	1555.7	2145.7	2733.9	3360.3	3963.3
17.5°	400.1	489.7	617.1	805.2	1059.8	1634.6	2359.3	3271.8	4444.2	5506.6	6434.2
15°	448.1	555.2	756.3	1037.5	1481.6	2243.4	3344.1	4850.2	6677.3	8342.4	10101.1
12.5°	498.4	624.9	855.9	1213.9	1830.9	2822.8	4369.6	6433.3	8721.1	11230.6	14089.0
10°	538.3	691.9	968.5	1422.4	2182.9	3418.1	5260.5	7763.4	10803.5	14517.4	19086.9
7.5°	565.2	745.5	1061.4	1575.0	2507.0	4026.8	6244.9	9253.1	13053.8	17974.0	24368.0
5°	586.2	786.5	1131.3	1714.1	2781.2	4491.6	6974.1	10557.7	15053.8	21646.0	32481.9
2.5°	603.1	817.9	1174.6	1809.9	2953.3	4815.2	7463.4	11295.8	16244.3	24360.8	38418.9
0°	616.4	846.2	1202.7	1869.1	3085.1	4847.5	7616.1	11430.9	16671.6	24850.7	39696.6
-2.5°	622.0	861.4	1212.4	1882.0	3072.0	4903.1	7662.8	11538.7	16655.5	24582.3	38269.6
-5°	631.4	861.2	1205.1	1868.8	3003.1	4759.4	7358.4	10935.0	15650.7	22468.1	33681.8
-7.5°	638.1	847.4	1170.2	1784.1	2822.8	4448.9	6823.7	9934.7	13821.9	18998.2	25943.2
-10°	631.9	821.1	1112.1	1642.1	2542.5	3950.8	6010.5	8614.2	11844.8	15680.9	20399.5
-12.5°	608.1	772.4	1017.1	1443.1	2179.4	3392.8	5192.5	7409.3	9800.4	12494.5	15755.1
-15°	578.1	719.9	931.6	1306.6	1910.3	2839.7	4153.6	5952.0	7870.2	9915.6	12096.8
-17.5°	554.7	673.9	849.2	1120.6	1564.7	2303.6	3336.2	4613.7	6023.3	7580.6	8873.2
-20°	522.9	617.2	764.3	986.0	1324.8	1814.4	2566.4	3494.5	4424.7	5519.6	6412.6

Classified

Cooper Lighting Solutions Photometric Lab
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Peachtree City, GA 30269

Scaled Data Report



REPORT NUMBER: P627048 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA2E-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°	491.2	573.3	685.2	847.5	1099.6	1469.5	1934.1	2553.8	3234.0	3862.5	4481.2
-25°	461.8	525.0	615.5	748.6	919.7	1172.1	1502.7	1858.3	2306.6	2689.2	3113.8
-27.5°	437.9	492.2	559.0	656.6	789.3	951.7	1188.5	1426.7	1662.5	1855.5	2147.8
-30°	414.9	458.6	514.5	584.0	683.5	808.6	962.3	1116.9	1253.0	1377.1	1529.3
-32.5°	392.3	427.8	470.7	528.4	599.8	693.9	788.3	899.1	993.6	1081.0	1161.7
-35°	369.6	401.3	433.9	482.6	539.5	606.3	675.0	750.0	815.5	874.3	926.3
-37.5°	349.2	377.0	407.7	443.9	489.8	540.1	596.1	650.6	693.9	732.1	763.6
-40°	331.9	357.2	383.4	412.5	447.4	487.1	534.7	580.1	610.4	633.7	652.9
-42.5°	316.4	338.7	361.1	385.7	412.5	446.9	484.5	521.9	542.5	560.6	574.4
-45°	304.0	321.1	340.0	361.0	384.7	413.5	443.1	469.0	487.3	502.8	514.3
-47.5°	287.7	304.1	320.4	337.8	359.9	383.9	408.3	428.3	444.2	457.8	466.6
-50°	269.6	287.0	301.9	317.2	337.5	357.9	377.5	394.0	409.2	422.5	429.4
-52.5°	251.0	269.6	285.3	300.2	317.3	335.0	352.8	366.8	380.2	392.6	397.9
-55°	237.6	254.7	270.9	284.9	299.0	313.2	327.7	342.3	355.5	367.3	370.8
-57.5°	223.0	240.5	256.5	269.1	281.8	294.5	307.8	321.0	333.8	345.1	348.0
-60°	205.3	224.2	238.4	250.3	262.7	275.3	286.8	298.6	310.4	320.4	323.6
-62.5°	182.8	200.0	214.1	226.6	238.5	249.5	260.7	271.7	282.4	290.2	292.8
-65°	155.8	170.5	184.9	198.0	209.8	220.4	230.8	240.8	250.5	257.4	260.8
-67.5°	134.5	145.1	156.7	168.0	179.8	190.7	200.1	208.9	217.2	223.0	226.7
-70°	114.0	124.0	134.9	145.7	156.0	164.9	172.3	179.6	186.7	191.8	195.7
-72.5°	94.4	102.9	112.0	121.5	130.9	138.9	145.7	152.2	158.3	162.7	166.3
-75°	76.7	83.7	91.3	99.0	106.6	113.0	118.7	124.3	129.7	133.6	136.9
-77.5°	60.8	66.8	72.7	78.7	84.7	89.4	93.6	97.7	101.7	104.8	107.6
-80°	45.1	49.7	54.5	59.3	64.1	67.6	70.8	73.8	76.6	78.4	80.1
-82.5°	30.8	34.0	37.4	40.8	44.2	46.8	49.3	51.7	54.1	55.0	55.6
-85°	19.6	21.3	23.0	24.9	26.8	28.3	29.6	30.9	32.1	33.3	34.4
-87.5°	10.9	11.2	11.5	11.8	12.1	13.1	14.1	15.1	16.1	16.3	16.4
-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: P627048 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA2E-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	0.3	0.7
62.5°	3.0	3.2	3.3	3.3	3.3	3.2	3.0	2.7	2.4	2.6	3.0
60°	11.4	10.2	9.9	10.0	9.9	10.2	11.4	12.1	12.2	14.2	14.8
57.5°	50.7	56.4	57.9	56.6	57.9	56.4	50.7	44.6	38.6	37.9	38.7
55°	73.8	75.5	76.3	76.6	76.3	75.5	73.8	70.8	66.5	62.3	58.9
52.5°	90.5	89.9	89.8	90.0	89.8	89.9	90.5	90.1	88.4	84.3	77.9
50°	136.0	133.5	132.5	133.3	132.5	133.5	136.0	135.4	128.4	116.1	106.2
47.5°	173.8	174.5	175.7	176.6	175.7	174.5	173.8	172.9	166.0	152.8	138.8
45°	202.9	204.7	205.9	206.6	205.9	204.7	202.9	200.2	190.7	176.9	161.2
42.5°	232.7	232.9	232.6	233.2	232.6	232.9	232.7	230.4	219.8	205.4	188.9
40°	274.7	275.6	274.7	273.2	274.7	275.6	274.7	271.2	262.3	244.6	226.0
37.5°	359.0	360.2	356.3	353.2	356.3	360.2	359.0	351.4	338.4	314.4	290.7
35°	496.5	510.8	517.6	519.7	517.6	510.8	496.5	477.2	456.1	432.9	377.5
32.5°	654.4	674.2	684.2	693.0	684.2	674.2	654.4	628.1	589.9	537.8	470.4
30°	880.7	917.2	933.4	956.2	933.4	917.2	880.7	834.7	764.6	681.7	586.7
27.5°	1249.8	1314.0	1349.6	1382.6	1349.6	1314.0	1249.8	1170.6	1031.1	914.3	755.7
25°	1880.6	2004.4	2084.5	2122.3	2084.5	2004.4	1880.6	1720.3	1499.7	1288.9	1028.9
22.5°	2925.6	3153.7	3329.7	3365.0	3329.7	3153.7	2925.6	2581.1	2225.0	1855.2	1455.3
20°	4548.3	4874.7	5140.3	5274.0	5140.3	4874.7	4548.3	3963.3	3360.3	2733.9	2145.7
17.5°	7539.0	8217.9	8528.1	8579.0	8528.1	8217.9	7539.0	6434.2	5506.6	4444.2	3271.8
15°	11988.2	13137.1	13866.4	14336.1	13866.4	13137.1	11988.2	10101.1	8342.4	6677.3	4850.2
12.5°	17064.6	20329.3	22186.9	22895.1	22186.9	20329.3	17064.6	14089.0	11230.6	8721.1	6433.3
10°	23954.4	31639.8	36073.1	38303.9	36073.1	31639.8	23954.4	19086.9	14517.4	10803.5	7763.4
7.5°	35648.2	47518.3	60670.0	66754.5	60670.0	47518.3	35648.2	24368.0	17974.0	13053.8	9253.1
5°	47941.1	74003.1	96878.0	107832.0	96878.0	74003.1	47941.1	32481.9	21646.0	15053.8	10557.7
2.5°	62069.9	97217.0	129713.4	143377.4	129713.4	97217.0	62069.9	38418.9	24360.8	16244.3	11295.8
0°	67507.5	108448.4	143988.7	157400.3	143988.7	108448.4	67507.5	39696.6	24850.7	16671.6	11430.9
-2.5°	62910.4	98919.7	130271.7	145596.2	130271.7	98919.7	62910.4	38269.6	24582.3	16655.5	11538.7
-5°	49985.6	74411.0	97630.2	110117.5	97630.2	74411.0	49985.6	33681.8	22468.1	15650.7	10935.0
-7.5°	36686.3	49983.3	62878.3	67387.5	62878.3	49983.3	36686.3	25943.2	18998.2	13821.9	9934.7
-10°	25541.7	33156.0	38182.3	39616.6	38182.3	33156.0	25541.7	20399.5	15680.9	11844.8	8614.2
-12.5°	18936.6	22267.1	24584.4	24987.3	24584.4	22267.1	18936.6	15755.1	12494.5	9800.4	7409.3
-15°	14022.1	15715.8	16910.9	16991.4	16910.9	15715.8	14022.1	12096.8	9915.6	7870.2	5952.0
-17.5°	10250.2	11387.1	11990.2	11947.3	11990.2	11387.1	10250.2	8873.2	7580.6	6023.3	4613.7
-20°	7329.5	8014.8	8500.7	8405.7	8500.7	8014.8	7329.5	6412.6	5519.6	4424.7	3494.5

Classified

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

Scaled Data Report



REPORT NUMBER: P627048 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA2E-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°	5110.6	5565.5	5850.3	5777.1	5850.3	5565.5	5110.6	4481.2	3862.5	3234.0	2553.8
-25°	3472.6	3720.5	3861.5	3838.1	3861.5	3720.5	3472.6	3113.8	2689.2	2306.6	1858.3
-27.5°	2366.4	2497.3	2541.0	2538.7	2541.0	2497.3	2366.4	2147.8	1855.5	1662.5	1426.7
-30°	1642.5	1730.5	1780.8	1749.1	1780.8	1730.5	1642.5	1529.3	1377.1	1253.0	1116.9
-32.5°	1224.2	1273.8	1302.5	1272.7	1302.5	1273.8	1224.2	1161.7	1081.0	993.6	899.1
-35°	964.7	989.8	1000.0	982.8	1000.0	989.8	964.7	926.3	874.3	815.5	750.0
-37.5°	786.5	801.2	806.2	796.3	806.2	801.2	786.5	763.6	732.1	693.9	650.6
-40°	666.5	675.5	677.7	669.7	677.7	675.5	666.5	652.9	633.7	610.4	580.1
-42.5°	583.1	588.5	589.8	586.4	589.8	588.5	583.1	574.4	560.6	542.5	521.9
-45°	521.2	525.8	526.6	523.1	526.6	525.8	521.2	514.3	502.8	487.3	469.0
-47.5°	471.0	473.8	474.5	473.1	474.5	473.8	471.0	466.6	457.8	444.2	428.3
-50°	432.6	434.5	434.7	433.1	434.7	434.5	432.6	429.4	422.5	409.2	394.0
-52.5°	400.4	401.7	402.7	403.1	402.7	401.7	400.4	397.9	392.6	380.2	366.8
-55°	373.3	375.1	376.1	376.5	376.1	375.1	373.3	370.8	367.3	355.5	342.3
-57.5°	350.3	351.9	352.9	353.2	352.9	351.9	350.3	348.0	345.1	333.8	321.0
-60°	326.2	328.1	329.4	329.8	329.4	328.1	326.2	323.6	320.4	310.4	298.6
-62.5°	294.5	295.3	296.2	296.5	296.2	295.3	294.5	292.8	290.2	282.4	271.7
-65°	263.4	265.1	266.2	266.5	266.2	265.1	263.4	260.8	257.4	250.5	240.8
-67.5°	229.7	232.0	234.4	236.5	234.4	232.0	229.7	226.7	223.0	217.2	208.9
-70°	199.1	202.0	203.0	203.2	203.0	202.0	199.1	195.7	191.8	186.7	179.6
-72.5°	169.5	172.2	174.6	176.6	174.6	172.2	169.5	166.3	162.7	158.3	152.2
-75°	139.9	142.5	143.1	143.3	143.1	142.5	139.9	136.9	133.6	129.7	124.3
-77.5°	110.2	112.6	113.2	113.3	113.2	112.6	110.2	107.6	104.8	101.7	97.7
-80°	81.5	82.9	84.8	86.6	84.8	82.9	81.5	80.1	78.4	76.6	73.8
-82.5°	56.1	56.4	56.5	56.6	56.5	56.4	56.1	55.6	55.0	54.1	51.7
-85°	35.4	36.4	36.6	36.6	36.6	36.4	35.4	34.4	33.3	32.1	30.9
-87.5°	16.6	16.6	16.7	16.7	16.7	16.6	16.6	16.4	16.3	16.1	15.1
-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: P627048 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA2E-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	0.2
65°	0.8	0.6	0.0	0.0	0.0	0.0	0.2	0.0	0.0	0.1	0.9
62.5°	3.4	3.7	3.8	3.4	2.6	1.6	2.0	2.3	1.6	0.3	1.1
60°	12.6	8.0	11.3	12.4	11.0	7.9	8.0	7.5	6.2	4.9	3.2
57.5°	41.0	39.7	32.6	28.2	26.8	23.8	19.6	15.6	13.8	11.1	7.8
55°	56.6	54.3	50.4	45.1	39.1	37.3	33.9	29.1	24.4	18.9	15.4
52.5°	69.6	70.2	68.0	61.6	56.2	52.6	47.9	43.3	37.7	32.3	25.2
50°	99.5	95.7	92.1	88.4	79.9	71.6	65.8	59.5	51.4	45.3	39.3
47.5°	127.0	121.4	117.5	112.6	102.9	94.2	85.1	76.2	66.1	56.6	50.7
45°	150.5	142.4	135.0	128.9	120.5	110.6	102.4	92.5	81.0	70.1	59.8
42.5°	174.4	162.0	152.1	146.0	135.8	125.6	116.4	108.8	96.3	83.5	73.1
40°	206.2	181.3	172.1	169.7	160.0	143.7	135.9	127.6	114.3	97.6	87.4
37.5°	258.7	225.3	209.0	200.5	191.7	174.7	159.6	148.6	136.6	117.8	103.2
35°	333.0	293.8	258.1	239.7	229.5	206.4	186.4	171.3	157.0	139.2	120.3
32.5°	398.2	354.1	311.4	279.2	256.1	234.8	212.5	193.9	175.1	156.9	138.3
30°	493.3	419.6	360.8	315.4	285.7	259.3	235.6	213.1	192.0	172.7	154.0
27.5°	622.5	504.9	425.0	361.2	316.8	285.4	258.5	232.2	208.1	187.3	168.2
25°	812.6	624.4	505.1	419.0	354.6	314.3	283.5	253.2	225.0	201.4	185.1
22.5°	1085.6	828.5	632.0	481.5	409.7	358.6	313.2	275.0	243.0	222.0	202.7
20°	1555.7	1109.1	818.5	625.3	493.1	411.2	349.0	304.2	271.5	244.4	220.5
17.5°	2359.3	1634.6	1059.8	805.2	617.1	489.7	400.1	340.6	299.4	266.9	238.4
15°	3344.1	2243.4	1481.6	1037.5	756.3	555.2	448.1	376.7	328.1	290.5	256.4
12.5°	4369.6	2822.8	1830.9	1213.9	855.9	624.9	498.4	417.9	356.7	307.6	268.3
10°	5260.5	3418.1	2182.9	1422.4	968.5	691.9	538.3	443.9	373.8	319.9	278.4
7.5°	6244.9	4026.8	2507.0	1575.0	1061.4	745.5	565.2	461.3	388.0	330.2	286.8
5°	6974.1	4491.6	2781.2	1714.1	1131.3	786.5	586.2	473.8	399.0	338.3	293.4
2.5°	7463.4	4815.2	2953.3	1809.9	1174.6	817.9	603.1	485.5	407.6	346.6	300.7
0°	7616.1	4847.5	3085.1	1869.1	1202.7	846.2	616.4	496.4	413.1	353.2	306.5
-2.5°	7662.8	4903.1	3072.0	1882.0	1212.4	861.4	622.0	498.5	417.4	355.6	307.3
-5°	7358.4	4759.4	3003.1	1868.8	1205.1	861.2	631.4	502.1	419.9	356.5	306.6
-7.5°	6823.7	4448.9	2822.8	1784.1	1170.2	847.4	638.1	506.8	422.2	359.1	309.0
-10°	6010.5	3950.8	2542.5	1642.1	1112.1	821.1	631.9	504.2	420.7	358.6	309.5
-12.5°	5192.5	3392.8	2179.4	1443.1	1017.1	772.4	608.1	493.9	415.5	355.0	308.1
-15°	4153.6	2839.7	1910.3	1306.6	931.6	719.9	578.1	477.8	406.6	348.4	304.6
-17.5°	3336.2	2303.6	1564.7	1120.6	849.2	673.9	554.7	464.6	396.1	341.7	299.9
-20°	2566.4	1814.4	1324.8	986.0	764.3	617.2	522.9	445.3	384.0	334.7	295.4

Classified

Cooper Lighting Solutions Photometric Lab
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Peachtree City, GA 30269

Scaled Data Report



REPORT NUMBER: P627048 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA2E-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°	1934.1	1469.5	1099.6	847.5	685.2	573.3	491.2	423.8	369.3	324.8	289.6
-25°	1502.7	1172.1	919.7	748.6	615.5	525.0	461.8	406.8	357.8	314.9	282.6
-27.5°	1188.5	951.7	789.3	656.6	559.0	492.2	437.9	389.1	345.3	307.5	275.5
-30°	962.3	808.6	683.5	584.0	514.5	458.6	414.9	374.0	333.6	298.0	267.8
-32.5°	788.3	693.9	599.8	528.4	470.7	427.8	392.3	357.8	319.4	288.1	259.8
-35°	675.0	606.3	539.5	482.6	433.9	401.3	369.6	337.4	306.0	277.0	250.6
-37.5°	596.1	540.1	489.8	443.9	407.7	377.0	349.2	320.7	292.2	265.6	241.2
-40°	534.7	487.1	447.4	412.5	383.4	357.2	331.9	305.6	280.3	253.6	231.0
-42.5°	484.5	446.9	412.5	385.7	361.1	338.7	316.4	293.5	268.7	243.4	219.6
-45°	443.1	413.5	384.7	361.0	340.0	321.1	304.0	281.1	256.9	231.6	207.5
-47.5°	408.3	383.9	359.9	337.8	320.4	304.1	287.7	267.5	242.0	218.1	197.6
-50°	377.5	357.9	337.5	317.2	301.9	287.0	269.6	248.5	226.5	206.9	187.5
-52.5°	352.8	335.0	317.3	300.2	285.3	269.6	251.0	232.8	214.0	195.6	177.7
-55°	327.7	313.2	299.0	284.9	270.9	254.7	237.6	219.4	201.0	183.8	165.6
-57.5°	307.8	294.5	281.8	269.1	256.5	240.5	223.0	205.3	186.3	168.9	151.8
-60°	286.8	275.3	262.7	250.3	238.4	224.2	205.3	187.0	169.5	153.0	136.5
-62.5°	260.7	249.5	238.5	226.6	214.1	200.0	182.8	166.0	150.8	136.4	121.6
-65°	230.8	220.4	209.8	198.0	184.9	170.5	155.8	143.5	131.8	119.6	106.5
-67.5°	200.1	190.7	179.8	168.0	156.7	145.1	134.5	123.9	113.0	101.8	90.1
-70°	172.3	164.9	156.0	145.7	134.9	124.0	114.0	104.2	94.0	84.6	75.6
-72.5°	145.7	138.9	130.9	121.5	112.0	102.9	94.4	86.4	78.4	70.7	62.6
-75°	118.7	113.0	106.6	99.0	91.3	83.7	76.7	70.2	63.5	56.6	49.8
-77.5°	93.6	89.4	84.7	78.7	72.7	66.8	60.8	55.0	49.4	44.3	39.5
-80°	70.8	67.6	64.1	59.3	54.5	49.7	45.1	41.1	37.3	33.9	30.5
-82.5°	49.3	46.8	44.2	40.8	37.4	34.0	30.8	28.3	26.0	23.7	21.5
-85°	29.6	28.3	26.8	24.9	23.0	21.3	19.6	18.3	16.9	15.5	14.1
-87.5°	14.1	13.1	12.1	11.8	11.5	11.2	10.9	9.9	8.9	8.0	7.1
-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: P627048 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA2E-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	0.1	0.3	0.1	0.0
72.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.3	0.7	0.7	0.2
70°	0.0	0.0	0.0	0.3	0.3	0.0	0.0	0.4	1.2	1.4	1.0
67.5°	0.0	0.0	0.0	0.7	1.1	0.9	0.2	0.6	1.3	2.1	1.9
65°	1.1	0.8	0.1	0.9	1.6	2.1	1.6	1.0	1.5	2.2	2.7
62.5°	1.9	2.5	1.9	1.4	1.8	2.6	3.1	2.1	1.7	2.3	3.1
60°	2.2	3.0	3.3	2.6	2.3	2.8	3.3	3.0	2.4	2.5	3.2
57.5°	5.9	3.8	3.8	3.6	3.0	3.1	3.3	3.3	2.9	2.8	3.3
55°	10.9	8.0	5.6	4.5	3.8	3.3	3.4	3.3	3.3	3.0	3.3
52.5°	18.9	13.8	10.1	6.8	5.1	3.7	3.8	3.3	3.3	3.2	3.3
50°	30.1	21.7	15.9	11.5	7.1	5.6	4.3	3.9	3.3	3.3	3.3
47.5°	44.0	32.4	23.2	16.7	11.8	7.6	5.9	4.6	3.3	3.3	3.3
45°	54.4	45.2	32.3	23.4	16.5	11.4	8.0	5.5	4.1	3.4	3.3
42.5°	64.5	56.2	43.9	29.9	22.7	15.7	10.2	7.4	5.1	3.6	3.4
40°	77.5	67.0	55.1	40.8	29.4	19.9	13.8	9.5	6.1	4.2	3.7
37.5°	90.8	79.2	66.1	51.3	37.1	26.4	17.6	11.7	7.7	5.4	4.0
35°	105.8	91.8	77.0	61.3	46.2	33.0	21.1	14.3	9.8	6.6	4.4
32.5°	121.0	103.9	87.2	71.0	54.7	39.9	26.2	17.8	11.8	7.9	4.9
30°	135.7	116.0	96.6	80.3	62.8	47.2	32.5	21.5	13.8	9.3	5.6
27.5°	149.1	127.8	105.7	88.6	70.9	54.0	38.9	25.6	15.7	10.7	6.6
25°	163.0	139.7	116.1	95.9	78.5	60.9	44.8	29.9	18.5	12.3	7.7
22.5°	178.9	151.8	126.1	102.6	86.6	67.7	50.4	35.0	21.8	13.8	8.8
20°	195.9	163.8	136.1	112.1	94.1	74.6	56.0	39.7	25.2	15.2	9.8
17.5°	213.4	176.9	148.2	122.9	101.5	81.0	61.4	44.0	28.7	16.6	10.9
15°	225.2	190.0	159.2	133.0	109.0	87.0	66.4	47.8	32.0	17.8	11.9
12.5°	235.2	201.3	168.8	142.3	116.3	92.5	71.2	51.3	35.3	19.5	12.9
10°	243.9	210.9	177.2	150.9	123.5	97.4	75.5	54.4	38.4	21.7	13.8
7.5°	251.5	218.8	184.4	158.6	130.2	102.4	79.1	57.1	41.0	23.9	14.7
5°	257.8	225.5	190.4	163.6	136.5	107.6	82.1	59.5	43.2	26.0	15.4
2.5°	262.8	231.7	195.6	167.2	141.9	112.4	84.6	61.6	45.1	28.1	16.1
0°	266.5	236.5	199.9	169.9	146.6	116.6	86.6	63.3	46.6	30.0	16.7
-2.5°	268.9	237.3	204.5	173.0	149.4	120.1	90.7	65.5	47.8	31.7	17.7
-5°	270.0	237.3	207.9	175.5	151.4	122.9	94.1	67.2	48.8	33.2	18.6
-7.5°	271.5	238.4	209.7	177.4	152.8	125.0	96.7	68.5	49.6	34.4	19.4
-10°	272.1	239.5	210.2	179.7	153.9	126.6	98.4	69.4	50.1	35.2	20.1
-12.5°	271.3	239.4	210.1	181.0	154.4	127.5	99.3	70.7	50.6	35.8	20.7
-15°	269.1	238.0	209.6	181.2	154.3	127.8	99.5	71.9	51.6	35.9	21.2
-17.5°	265.8	235.2	208.9	180.1	153.7	127.7	99.2	72.4	52.2	35.6	21.7
-20°	262.5	232.7	207.7	177.7	152.5	127.0	98.4	72.3	52.1	35.1	22.2

Classified

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Scaled Data Report



REPORT NUMBER: P627048 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA2E-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°	258.2	230.3	204.0	175.2	150.9	125.8	97.0	71.5	51.5	34.3	22.5
-25°	252.7	226.7	199.8	173.4	148.8	123.4	95.4	69.9	50.3	33.3	22.6
-27.5°	247.3	221.8	195.4	170.8	145.9	120.6	93.2	68.4	48.6	32.0	22.5
-30°	240.9	216.3	191.5	167.2	141.8	116.5	90.2	66.1	46.8	31.3	22.3
-32.5°	233.9	210.8	187.1	161.9	136.8	112.0	86.3	63.0	44.7	30.9	22.0
-35°	226.9	204.7	181.8	155.2	131.3	107.1	82.3	58.9	42.4	30.3	21.7
-37.5°	218.7	197.1	173.2	148.0	125.4	101.8	78.6	56.7	39.7	29.4	21.3
-40°	209.3	187.7	163.4	141.3	119.3	96.2	74.6	54.6	38.0	28.3	20.8
-42.5°	198.8	177.2	155.5	134.4	112.8	91.5	70.5	52.0	37.3	27.4	20.2
-45°	188.0	167.7	148.1	127.3	106.3	86.6	67.1	49.2	36.1	26.6	19.5
-47.5°	177.9	159.7	140.1	119.6	100.6	81.5	63.0	47.3	34.6	25.6	18.9
-50°	169.4	150.9	131.3	111.9	94.0	76.4	58.9	44.9	33.2	24.7	18.1
-52.5°	159.6	140.9	121.7	103.4	87.0	70.6	55.3	41.9	31.4	23.4	17.1
-55°	147.8	129.3	111.0	94.9	79.6	65.1	51.1	38.9	29.0	22.0	16.0
-57.5°	134.2	116.2	101.2	86.6	72.1	59.0	46.4	35.2	26.9	20.5	14.7
-60°	120.1	105.6	91.8	77.6	64.3	52.3	41.0	31.5	24.8	18.7	13.3
-62.5°	107.7	94.4	80.8	67.8	56.1	45.3	35.6	28.7	22.5	16.8	11.7
-65°	93.7	81.1	69.0	58.2	47.9	38.8	32.0	25.7	19.9	14.7	10.3
-67.5°	78.6	68.5	58.3	48.6	40.9	34.3	28.1	22.4	17.2	12.5	9.5
-70°	66.4	57.0	48.6	41.7	35.4	29.5	24.0	18.9	14.3	11.2	8.6
-72.5°	54.8	47.5	40.9	35.0	29.5	24.4	19.6	15.5	12.4	9.8	7.6
-75°	43.6	38.4	33.2	28.1	23.5	19.3	16.1	13.1	10.5	8.3	6.6
-77.5°	34.9	30.3	25.5	21.9	19.1	16.2	13.3	10.5	8.7	7.2	5.7
-80°	26.9	23.7	20.8	18.3	15.7	13.1	10.8	8.8	7.5	6.1	4.7
-82.5°	19.4	17.7	16.1	14.7	12.6	10.7	9.0	7.5	6.3	5.0	3.7
-85°	13.2	12.4	11.6	10.9	9.6	8.3	6.9	5.6	4.5	3.4	2.5
-87.5°	6.8	6.4	6.1	5.7	4.9	4.2	3.5	2.8	2.2	1.7	1.2
-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-SA2E-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	0.1	0.0
82.5°	0.0	0.0	0.0	0.0	0.0	0.2	0.0
80°	0.0	0.0	0.0	0.0	0.0	0.3	0.0
77.5°	0.0	0.1	0.0	0.0	0.0	0.4	0.0
75°	0.1	0.3	0.1	0.0	0.1	0.4	0.0
72.5°	0.2	0.5	0.4	0.0	0.1	0.5	0.0
70°	0.4	0.7	0.7	0.1	0.1	0.6	0.0
67.5°	1.2	1.0	1.0	0.4	0.2	0.7	0.0
65°	1.9	1.4	1.3	0.7	0.3	0.8	0.0
62.5°	2.6	1.9	1.7	1.1	0.3	0.8	0.0
60°	3.2	2.3	2.1	1.4	0.4	0.9	0.0
57.5°	3.3	2.7	2.3	1.7	0.7	1.0	0.0
55°	3.3	3.0	2.5	2.1	1.0	1.1	0.0
52.5°	3.3	3.3	2.7	2.5	1.2	1.2	0.0
50°	3.3	3.3	2.9	2.8	1.5	1.3	0.0
47.5°	3.3	3.3	3.1	3.1	1.7	1.4	0.0
45°	3.3	3.3	3.2	3.2	1.9	1.5	0.0
42.5°	3.3	3.3	3.3	3.3	2.1	1.6	0.0
40°	3.3	3.3	3.3	3.3	2.3	1.7	0.0
37.5°	3.3	3.3	3.3	3.3	2.5	1.8	0.0
35°	3.3	3.3	3.3	3.3	2.6	1.9	0.0
32.5°	3.4	3.3	3.3	3.3	2.7	2.0	0.0
30°	3.8	3.3	3.3	3.3	2.9	2.1	0.0
27.5°	4.1	3.3	3.3	3.3	3.0	2.3	0.0
25°	4.5	3.3	3.3	3.3	3.0	2.4	0.0
22.5°	5.0	3.4	3.3	3.3	3.1	2.5	0.0
20°	5.4	3.6	3.3	3.3	3.2	2.6	0.0
17.5°	6.0	3.9	3.3	3.3	3.2	2.7	0.0
15°	6.7	4.3	3.3	3.3	3.2	2.8	0.0
12.5°	7.3	4.6	3.3	3.3	3.3	2.9	0.0
10°	7.9	5.1	3.3	3.3	3.3	3.0	0.0
7.5°	8.5	5.5	3.3	3.3	3.3	3.1	0.0
5°	9.0	5.9	3.3	3.3	3.3	3.1	0.0
2.5°	9.5	6.3	3.3	3.3	3.3	3.2	0.0
0°	10.0	6.7	3.3	3.3	3.3	3.3	0.0
-2.5°	10.9	7.0	3.6	3.3	3.3	3.3	0.0
-5°	11.7	7.4	3.9	3.3	3.3	3.3	0.0
-7.5°	12.4	7.6	4.2	3.3	3.3	3.3	0.0
-10°	13.1	7.9	4.4	3.3	3.3	3.2	0.0
-12.5°	13.6	8.1	4.6	3.3	3.3	3.2	0.0
-15°	14.1	8.3	4.8	3.3	3.3	3.2	0.0
-17.5°	14.3	8.4	5.0	3.3	3.3	3.1	0.0
-20°	14.5	8.5	5.1	3.3	3.3	3.1	0.0

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CATALOG NUMBER: GFLD-SA2E-740-U-NR-VSR-XX

CANDELA DISTRIBUTION (continued):

	75°	77.5°	80°	82.5°	85°	87.5°	90°
-22.5°	14.7	8.6	5.1	3.3	3.3	3.0	0.0
-25°	14.8	8.8	5.1	3.3	3.3	3.0	0.0
-27.5°	14.8	9.1	5.0	3.3	3.3	2.9	0.0
-30°	14.7	9.2	4.9	3.3	3.3	2.9	0.0
-32.5°	14.5	9.3	4.9	3.3	3.3	2.8	0.0
-35°	14.5	9.3	4.8	3.3	3.3	2.7	0.0
-37.5°	14.4	9.2	4.7	3.3	3.3	2.6	0.0
-40°	14.3	9.0	4.5	3.3	3.3	2.5	0.0
-42.5°	14.0	8.7	4.5	3.3	3.3	2.4	0.0
-45°	13.6	8.4	4.6	3.4	3.3	2.3	0.0
-47.5°	13.0	7.9	4.7	3.5	3.3	2.2	0.0
-50°	12.4	7.4	4.7	3.5	3.3	2.1	0.0
-52.5°	11.6	6.8	4.7	3.6	3.3	2.0	0.0
-55°	10.7	6.6	4.7	3.6	3.3	1.9	0.0
-57.5°	9.7	6.4	4.6	3.6	3.3	1.8	0.0
-60°	8.6	6.2	4.5	3.6	3.3	1.6	0.0
-62.5°	8.2	6.0	4.4	3.5	3.0	1.5	0.0
-65°	7.7	5.7	4.2	3.5	2.8	1.4	0.0
-67.5°	7.1	5.3	4.1	3.4	2.5	1.3	0.0
-70°	6.5	4.9	3.8	3.3	2.3	1.1	0.0
-72.5°	5.8	4.5	3.6	3.0	2.0	1.0	0.0
-75°	5.0	4.0	3.3	2.6	1.7	0.9	0.0
-77.5°	4.2	3.5	2.8	2.1	1.4	0.7	0.0
-80°	3.4	2.8	2.3	1.7	1.1	0.6	0.0
-82.5°	2.6	2.1	1.7	1.3	0.9	0.4	0.0
-85°	1.7	1.4	1.1	0.9	0.6	0.3	0.0
-87.5°	0.9	0.7	0.6	0.4	0.3	0.1	0.0
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0

(END OF REPORT)