

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: P627468 (CONVERTED FROM TYPE C PHOTOMETRY)

Luminaire Tested: **GFLD-SA4D-740-U-NR-VSR-XX**

Issue Date: 12/7/2022

Test Information

Test Method: LM-79-08
Report Number: P627468 (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-SA4D-740-U-NR-VSR-XX
Description: GALLEON FLOOD, FOUR LIGHT SQAURE, NARROW SYMMETRICAL ROUND N3 WITH VISOR
Light Source: (64) 4000K CCT, 70 CRI LEDS
Ballast/Driver: -

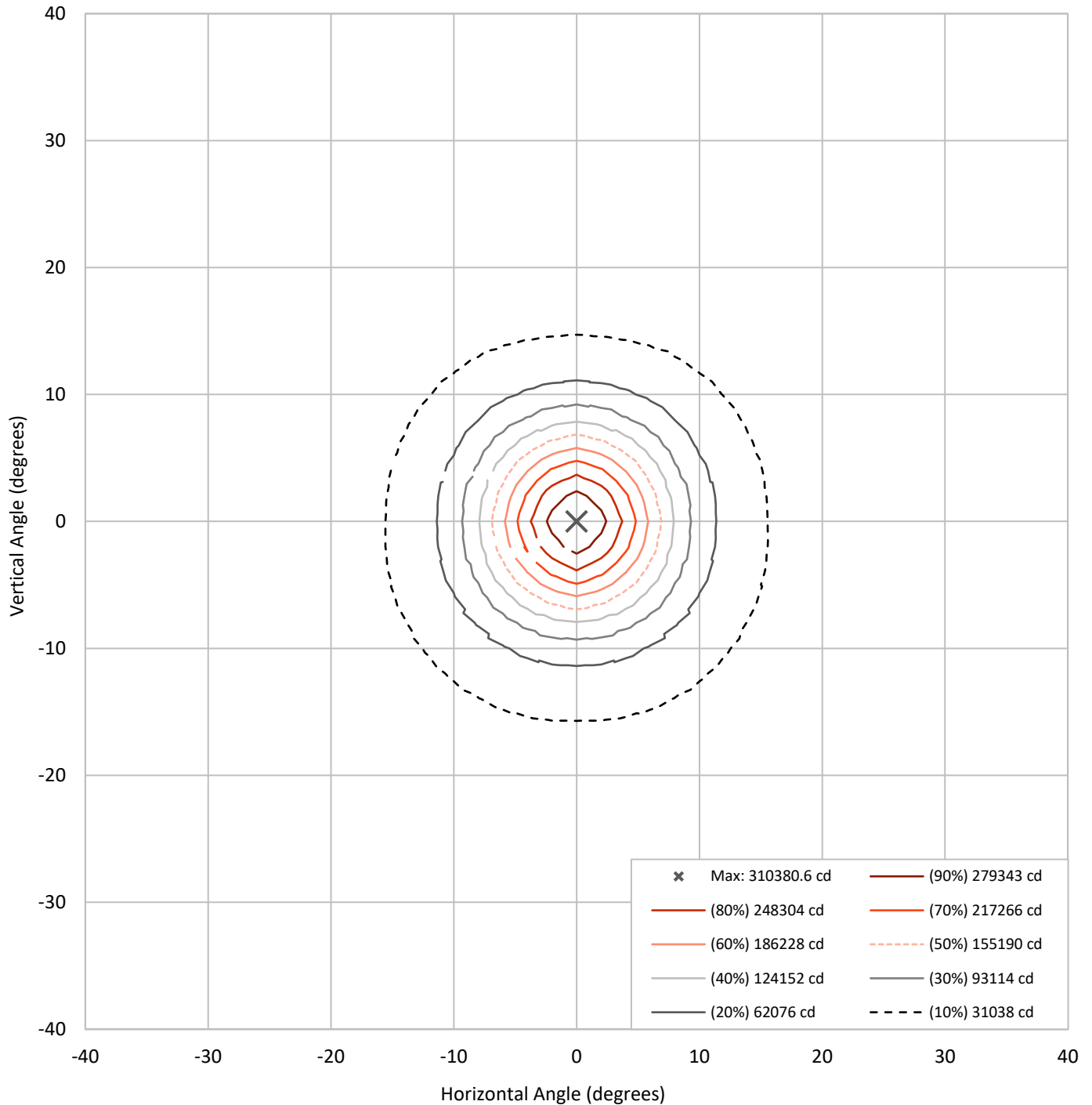
Summary

Lumens per Lamp:	N/A	NEMA Type:	3H x 3V
Luminaire Lumens:	30619.7 lumens	Max Intensity:	310380.6 candela
Efficiency:	N/A	Max Intensity Angle:	0°H x 0°V
Efficacy:	138.3 lumens/watt		
Luminous Opening:	Rectangular (W 1' x L: 1' 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:	9775.2 lumens	Field Lumens:	21772.5 lumens
Beam Efficiency:	31.9%	Field Efficiency:	71.1%
Input Watts (W):	221.4		
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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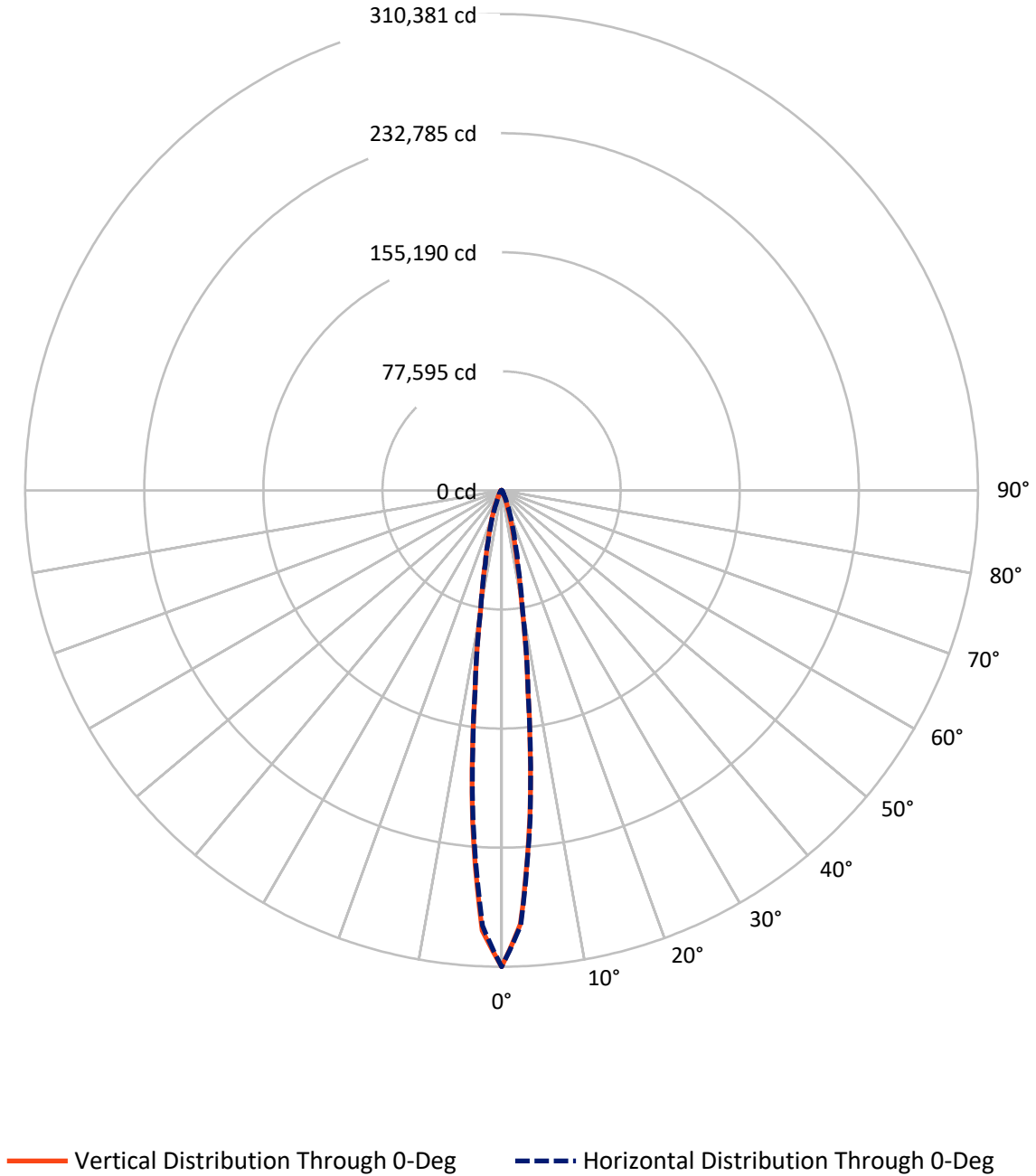
CATALOG NUMBER: GFLD-SA4D-740-U-NR-VSR-XX

Lumen Table

90																			
80	0.0	0.0		0.0	0.0		0.0	0.0		0.0	0.0		0.0	0.0					
70																			
60	0.1	0.0	0.0	0.0	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.0	0.0	0.0	0.1				
50		0.1	0.2	0.8	1.7	2.7	3.6	4.3	4.3	3.6	2.7	1.7	0.8	0.2		0.1			
40	0.1	0.2	0.9	2.7	5.0	7.3	10.3	12.2	12.2	10.3	7.3	5.0	2.7	0.9	0.2	0.1			
30		0.4	2.2	5.2	9.3	14.7	24.9	31.7	31.7	24.9	14.7	9.3	5.2	2.2	0.4				
20	0.3	0.9	3.4	7.9	14.3	31.1	83.2	137.7	137.7	83.2	31.1	14.3	7.9	3.4	0.9	0.3			
10		1.3	4.7	10.9	23.7	93.1	392.5	862.8	862.8	392.5	93.1	23.7	10.9	4.7	1.3				
0	0.5	1.6	5.7	12.8	32.1	174.8	940.5	4218.1	4218.1	940.5	174.8	32.1	12.8	5.7	1.6	0.5			
-10		1.9	6.2	13.5	34.6	186.2	973.5	4289.7	4289.7	973.5	186.2	34.6	13.5	6.2	1.9				
-20	0.6	2.0	6.3	13.3	30.3	118.5	472.6	1010.8	1010.8	472.6	118.5	30.3	13.3	6.3	2.0	0.6			
-30		1.9	6.0	12.2	23.4	55.4	145.6	242.7	242.7	145.6	55.4	23.4	12.2	6.0	1.9				
-40	0.5	1.7	5.4	10.7	18.3	30.4	49.5	62.9	62.9	49.5	30.4	18.3	10.7	5.4	1.7	0.5			
-50		1.4	4.4	9.0	14.8	21.3	28.6	31.9	31.9	28.6	21.3	14.8	9.0	4.4	1.4				
-60	0.4	1.1	3.3	7.0	11.7	16.3	20.6	22.5	22.5	20.6	16.3	11.7	7.0	3.3	1.1	0.4			
-70		0.7	2.1	4.5	7.8	11.4	14.4	15.8	15.8	14.4	11.4	7.8	4.5	2.1	0.7				
-80	0.1	1.8		7.7		16.9		21.4		16.9		7.7		1.8		0.1			
-90																			
	-90	-80	-70	-60	-50	-40	-30	-20	-10	0	10	20	30	40	50	60	70	80	90

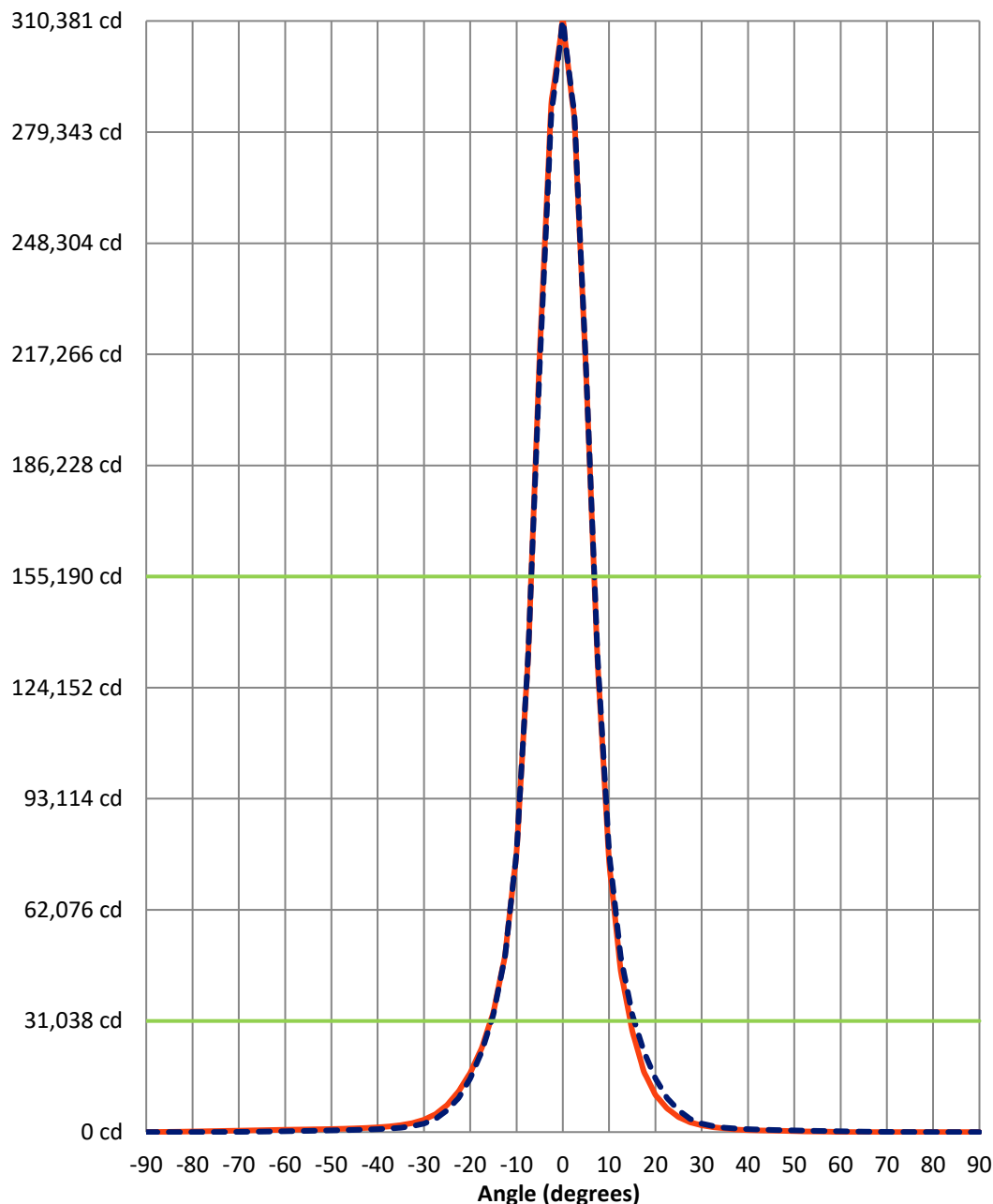
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Luminous Intensity Polar Plot



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Luminous Intensity Plot



Beam:
 H Angle: 13.6°
 V Angle: 13.6°
 Lumens: 9775.2
 Efficiency: 31.9%

Field:
 H Angle: 30.9°
 V Angle: 30.2°
 Lumens: 21772.5
 Efficiency: 71.1%

Spill:
 Lumens: 8847.1
 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	0.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
82.5°	0.0	0.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
80°	0.0	0.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
77.5°	0.0	0.7	0.1	0.0	0.0	0.1	0.1	0.0	0.0	0.0	0.0
75°	0.0	0.9	0.1	0.0	0.1	0.5	0.2	0.0	0.1	0.6	0.3
72.5°	0.0	1.0	0.2	0.0	0.7	1.0	0.3	0.4	1.4	1.5	0.6
70°	0.0	1.2	0.3	0.1	1.3	1.5	0.8	2.0	2.8	2.5	0.9
67.5°	0.0	1.4	0.4	0.8	2.0	2.0	2.3	3.7	4.2	2.7	1.1
65°	0.0	1.5	0.5	1.4	2.7	2.8	3.8	5.5	4.5	2.9	2.0
62.5°	0.0	1.7	0.7	2.1	3.4	3.7	5.2	6.2	4.7	3.4	4.1
60°	0.0	1.9	0.9	2.8	4.1	4.6	6.5	6.4	5.0	4.8	6.0
57.5°	0.0	2.1	1.4	3.5	4.6	5.4	6.6	6.6	5.6	5.9	6.6
55°	0.0	2.2	2.0	4.2	5.1	6.1	6.6	6.6	6.1	6.6	6.6
52.5°	0.0	2.4	2.5	4.9	5.5	6.6	6.6	6.6	6.5	6.6	6.6
50°	0.0	2.6	3.0	5.6	5.8	6.6	6.6	6.6	6.6	6.6	7.7
47.5°	0.0	2.8	3.4	6.2	6.1	6.6	6.6	6.6	6.6	6.6	9.1
45°	0.0	3.0	3.9	6.4	6.4	6.6	6.6	6.6	6.8	8.2	10.8
42.5°	0.0	3.2	4.3	6.6	6.5	6.6	6.6	6.8	7.2	10.0	14.5
40°	0.0	3.4	4.6	6.6	6.6	6.6	6.6	7.4	8.4	12.0	18.7
37.5°	0.0	3.6	4.9	6.6	6.6	6.6	6.6	8.0	10.7	15.1	23.1
35°	0.0	3.9	5.2	6.6	6.6	6.6	6.6	8.8	13.1	19.3	28.3
32.5°	0.0	4.1	5.5	6.6	6.6	6.6	6.8	9.7	15.6	23.3	35.1
30°	0.0	4.3	5.7	6.6	6.6	6.6	7.5	10.9	18.2	27.2	42.5
27.5°	0.0	4.5	5.9	6.6	6.6	6.6	8.2	13.0	21.2	30.9	50.4
25°	0.0	4.7	6.1	6.6	6.6	6.6	9.0	15.2	24.3	36.4	58.9
22.5°	0.0	4.9	6.2	6.6	6.6	6.7	9.8	17.3	27.3	43.0	69.0
20°	0.0	5.1	6.3	6.6	6.6	7.2	10.6	19.4	30.1	49.7	78.3
17.5°	0.0	5.3	6.4	6.6	6.6	7.8	11.8	21.4	32.7	56.5	86.7
15°	0.0	5.5	6.5	6.6	6.6	8.4	13.1	23.5	35.2	63.1	94.4
12.5°	0.0	5.7	6.5	6.6	6.6	9.2	14.4	25.5	38.5	69.6	101.3
10°	0.0	5.9	6.6	6.6	6.6	10.0	15.6	27.3	42.7	75.6	107.3
7.5°	0.0	6.1	6.6	6.6	6.6	10.8	16.7	28.9	47.0	80.8	112.7
5°	0.0	6.3	6.6	6.6	6.6	11.6	17.8	30.4	51.3	85.3	117.4
2.5°	0.0	6.4	6.6	6.6	6.6	12.4	18.8	31.7	55.3	89.0	121.4
0°	0.0	6.6	6.6	6.6	6.6	13.1	19.7	32.8	59.1	92.0	124.8
-2.5°	0.0	6.6	6.6	6.6	7.2	13.8	21.4	34.8	62.5	94.4	129.0
-5°	0.0	6.6	6.6	6.6	7.7	14.4	23.0	36.6	65.3	96.3	132.5
-7.5°	0.0	6.5	6.6	6.6	8.3	15.0	24.5	38.2	67.7	97.8	135.1
-10°	0.0	6.5	6.6	6.6	8.7	15.5	25.7	39.6	69.4	98.8	136.7
-12.5°	0.0	6.4	6.6	6.6	9.2	15.9	26.8	40.9	70.5	99.8	139.3
-15°	0.0	6.4	6.6	6.6	9.5	16.3	27.6	41.9	70.8	101.8	141.7
-17.5°	0.0	6.3	6.6	6.6	9.8	16.6	28.2	42.9	70.3	102.8	142.8
-20°	0.0	6.2	6.6	6.6	10.0	16.8	28.6	43.7	69.2	102.8	142.5

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REPORT NUMBER: P627468 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA4D-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	6.1	6.6	6.6	10.1	17.0	28.9	44.3	67.7	101.6	140.9
-25°	0.0	6.0	6.6	6.6	10.0	17.4	29.1	44.5	65.6	99.2	137.8
-27.5°	0.0	5.9	6.6	6.6	9.9	17.8	29.1	44.3	63.0	95.9	134.9
-30°	0.0	5.7	6.6	6.6	9.6	18.1	29.0	43.8	61.6	92.4	130.4
-32.5°	0.0	5.6	6.6	6.6	9.6	18.2	28.7	43.3	60.9	88.2	124.2
-35°	0.0	5.4	6.6	6.6	9.5	18.2	28.6	42.7	59.6	83.5	116.3
-37.5°	0.0	5.2	6.6	6.6	9.3	18.0	28.5	41.9	57.9	78.3	111.8
-40°	0.0	5.1	6.6	6.6	9.0	17.7	28.1	41.0	55.7	74.9	107.7
-42.5°	0.0	4.9	6.6	6.7	8.9	17.1	27.5	39.8	53.9	73.4	102.6
-45°	0.0	4.7	6.6	6.8	9.1	16.5	26.6	38.6	52.3	71.2	97.0
-47.5°	0.0	4.5	6.6	7.0	9.3	15.6	25.6	37.3	50.6	68.1	93.2
-50°	0.0	4.2	6.6	7.1	9.4	14.6	24.3	35.6	48.7	65.5	88.4
-52.5°	0.0	4.0	6.6	7.1	9.4	13.4	22.7	33.7	46.2	61.9	82.6
-55°	0.0	3.8	6.6	7.1	9.3	13.0	21.0	31.4	43.5	57.3	76.7
-57.5°	0.0	3.5	6.6	7.1	9.2	12.7	19.0	28.9	40.3	53.1	69.5
-60°	0.0	3.3	6.6	7.1	9.0	12.3	17.0	26.2	36.8	48.9	62.2
-62.5°	0.0	3.0	6.1	7.0	8.7	11.8	16.2	23.1	33.0	44.2	56.6
-65°	0.0	2.8	5.6	6.9	8.4	11.2	15.1	20.4	28.9	39.2	50.6
-67.5°	0.0	2.5	5.0	6.8	8.0	10.4	14.0	18.7	24.5	33.8	44.1
-70°	0.0	2.3	4.5	6.6	7.6	9.7	12.7	16.8	21.9	28.1	37.2
-72.5°	0.0	2.0	4.0	5.9	7.2	8.8	11.4	14.8	19.2	24.4	30.5
-75°	0.0	1.7	3.4	5.1	6.7	7.9	9.9	13.0	16.3	20.6	25.7
-77.5°	0.0	1.4	2.9	4.3	5.7	6.9	8.4	11.2	14.1	17.1	20.6
-80°	0.0	1.1	2.3	3.4	4.6	5.7	6.8	9.3	12.0	14.7	17.4
-82.5°	0.0	0.9	1.7	2.6	3.4	4.3	5.1	7.3	9.9	12.3	14.7
-85°	0.0	0.6	1.1	1.7	2.3	2.9	3.4	4.9	6.7	8.7	11.0
-87.5°	0.0	0.3	0.6	0.9	1.1	1.4	1.7	2.5	3.4	4.4	5.5
-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	0.6	0.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0
67.5°	0.4	1.9	2.2	1.4	0.0	0.0	0.0	0.4	0.0	0.0	0.0
65°	3.2	4.3	3.3	1.7	0.1	1.6	2.2	1.8	0.2	0.0	0.0
62.5°	6.1	5.2	3.6	2.7	3.7	5.0	3.9	2.3	0.6	3.2	4.6
60°	6.6	5.6	4.6	5.2	6.7	5.9	4.3	6.4	9.6	12.1	14.6
57.5°	6.6	6.1	6.0	7.1	7.5	7.5	11.5	15.4	21.8	27.1	30.7
55°	6.8	6.5	7.5	8.9	11.1	15.7	21.4	30.2	37.3	48.1	57.4
52.5°	7.5	7.5	10.0	13.4	19.9	27.1	37.3	49.7	63.8	74.4	85.5
50°	8.5	11.0	14.0	22.5	31.3	42.7	59.5	77.6	89.4	101.3	117.3
47.5°	11.7	14.9	23.1	32.9	45.7	63.9	86.9	100.0	111.7	130.3	150.2
45°	15.8	22.3	32.4	46.1	63.7	89.1	107.3	118.0	138.2	159.8	182.5
42.5°	20.1	30.8	44.6	59.0	86.7	110.8	127.3	144.2	164.6	189.9	214.5
40°	27.3	39.2	58.0	80.5	108.6	132.2	152.8	172.3	192.4	225.4	251.6
37.5°	34.6	52.0	73.1	101.1	130.4	156.2	179.2	203.6	232.3	269.5	293.1
35°	41.7	65.1	91.1	120.9	151.9	181.1	208.7	237.2	274.4	309.7	337.9
32.5°	51.6	78.7	107.8	140.1	172.0	205.0	238.6	272.7	309.3	345.4	382.3
30°	64.1	93.1	123.8	158.4	190.5	228.7	267.5	303.7	340.6	378.6	420.3
27.5°	76.7	106.5	139.8	174.7	208.4	251.9	293.9	331.6	369.4	410.3	457.9
25°	88.3	120.1	154.9	189.2	228.9	275.5	321.5	365.1	397.1	443.6	499.3
22.5°	99.4	133.4	170.7	202.3	248.6	299.4	352.8	399.7	437.6	479.2	542.3
20°	110.5	147.0	185.5	221.0	268.4	323.0	386.4	434.8	481.8	535.3	599.8
17.5°	121.0	159.8	200.2	242.3	292.3	348.8	420.8	470.1	526.3	590.4	671.6
15°	131.0	171.6	214.9	262.1	313.9	374.7	444.2	505.7	572.9	646.9	742.8
12.5°	140.3	182.3	229.4	280.5	332.9	397.0	463.7	529.1	606.6	703.4	824.0
10°	148.9	192.1	243.4	297.4	349.4	415.8	481.0	549.1	630.8	737.1	875.2
7.5°	155.9	201.9	256.7	312.6	363.6	431.3	495.9	565.5	651.0	764.9	909.6
5°	161.9	212.2	269.1	322.5	375.5	444.7	508.3	578.5	667.1	786.7	934.3
2.5°	166.9	221.6	279.9	329.7	385.7	456.9	518.3	592.9	683.5	803.6	957.4
0°	170.8	229.9	289.1	335.1	394.2	466.5	525.6	604.4	696.4	814.6	978.9
-2.5°	178.8	236.8	294.6	341.3	403.3	468.1	530.4	606.0	701.3	823.2	982.9
-5°	185.5	242.3	298.6	346.1	410.0	467.9	532.4	604.7	702.9	828.1	990.0
-7.5°	190.6	246.5	301.2	349.8	413.7	470.0	535.3	609.4	708.1	832.5	999.3
-10°	194.0	249.6	303.4	354.4	414.6	472.2	536.5	610.4	707.2	829.6	994.2
-12.5°	195.7	251.4	304.4	357.0	414.4	472.0	534.9	607.5	700.0	819.3	973.9
-15°	196.3	252.1	304.3	357.3	413.4	469.3	530.7	600.6	686.9	801.7	942.0
-17.5°	195.7	251.7	303.0	355.1	411.9	463.8	524.2	591.4	673.7	781.0	916.2
-20°	194.0	250.3	300.8	350.4	409.6	458.8	517.6	582.5	660.0	757.2	878.1

Classified

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

Scaled Data Report



REPORT NUMBER: P627468 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA4D-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°	191.2	248.0	297.5	345.6	402.4	454.2	509.1	571.0	640.4	728.3	835.6
-25°	188.0	243.3	293.4	341.9	394.1	447.1	498.3	557.2	621.0	705.4	802.1
-27.5°	183.8	237.7	287.6	336.7	385.3	437.5	487.6	543.1	606.3	680.8	767.2
-30°	177.8	229.7	279.6	329.7	377.6	426.6	475.0	528.0	587.5	657.8	737.5
-32.5°	170.1	220.8	269.6	319.2	369.0	415.7	461.3	512.2	568.1	629.7	705.6
-35°	162.4	211.1	258.8	306.0	358.5	403.6	447.5	494.1	546.2	603.5	665.2
-37.5°	155.1	200.8	247.3	291.8	341.6	388.5	431.3	475.6	523.6	576.2	632.3
-40°	147.2	189.8	235.2	278.6	322.2	370.1	412.7	455.5	499.9	552.6	602.6
-42.5°	139.1	180.5	222.4	265.0	306.6	349.4	392.0	433.1	479.9	529.8	578.8
-45°	132.2	170.7	209.6	251.0	292.1	330.8	370.7	409.0	456.6	506.5	554.4
-47.5°	124.3	160.7	198.5	235.9	276.2	314.9	350.8	389.6	430.1	477.1	527.4
-50°	116.0	150.5	185.4	220.7	258.9	297.5	333.9	369.8	408.0	446.7	490.0
-52.5°	109.0	139.1	171.4	203.9	239.9	277.8	314.6	350.4	385.6	421.9	458.9
-55°	100.7	128.3	156.9	187.2	218.8	255.0	291.5	326.5	362.4	396.3	432.6
-57.5°	91.5	116.2	142.2	170.7	199.5	229.2	264.5	299.4	333.1	367.4	404.8
-60°	81.0	103.2	126.8	153.0	181.1	208.3	236.9	269.2	301.7	334.3	368.8
-62.5°	70.3	89.5	110.7	133.6	159.4	186.1	212.3	239.8	269.0	297.4	327.3
-65°	63.1	76.6	94.4	114.8	136.0	159.9	184.7	210.0	235.8	259.8	282.9
-67.5°	55.4	67.6	80.8	95.7	114.9	135.1	155.0	177.7	200.8	222.9	244.4
-70°	47.2	58.1	69.8	82.2	95.9	112.4	130.9	149.1	166.9	185.4	205.4
-72.5°	38.6	48.1	58.3	69.1	80.7	93.7	108.0	123.6	139.4	154.7	170.3
-75°	31.7	37.9	46.3	55.4	65.5	75.8	86.1	98.4	111.7	125.2	138.3
-77.5°	26.1	31.9	37.6	43.2	50.4	59.8	69.0	78.1	87.4	97.5	108.4
-80°	21.2	25.7	30.9	36.0	41.0	46.6	53.1	60.2	66.8	73.5	80.9
-82.5°	17.7	21.1	24.8	28.8	31.7	34.7	38.1	42.3	46.7	51.2	55.9
-85°	13.6	16.3	18.8	21.5	22.9	24.3	26.0	27.8	30.6	33.4	36.1
-87.5°	6.8	8.2	9.7	11.3	12.0	12.7	13.3	13.9	15.7	17.6	19.5
-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: P627468 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA4D-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°	0.4	0.0	0.0	0.0	0.1	1.2	1.6	1.4	0.6	0.0	0.0
62.5°	3.8	3.2	5.1	6.8	7.5	7.3	6.7	6.0	5.1	4.7	5.4
60°	15.7	15.4	21.5	24.5	22.3	15.7	24.7	29.2	28.1	24.0	23.9
57.5°	38.6	46.9	52.9	55.5	64.2	78.3	80.9	76.3	74.6	76.1	88.0
55°	66.9	73.5	77.0	88.9	99.5	107.2	111.7	116.2	122.9	131.2	139.7
52.5°	94.5	103.7	110.7	121.4	134.1	138.5	137.3	153.6	166.2	174.3	177.6
50°	129.8	141.3	157.6	174.3	181.6	188.7	196.2	209.5	228.9	253.1	267.0
47.5°	167.8	185.9	203.0	222.1	231.8	239.3	250.5	273.7	301.4	327.4	341.0
45°	202.0	218.1	237.7	254.3	266.2	280.7	296.8	317.8	348.8	376.0	394.8
42.5°	229.5	247.6	267.9	287.8	299.9	319.5	344.0	372.6	405.0	433.4	454.3
40°	268.1	283.4	315.6	334.6	339.3	357.6	406.7	445.8	482.5	517.3	534.7
37.5°	314.7	344.6	378.0	395.2	412.1	444.4	510.2	573.3	620.0	667.2	693.0
35°	367.6	406.9	452.3	472.7	509.0	579.4	656.7	744.4	853.6	899.4	941.0
32.5°	419.0	463.0	504.9	550.6	614.1	698.2	785.2	927.5	1060.4	1163.3	1238.5
30°	464.6	511.2	563.3	622.1	711.5	827.3	972.7	1156.9	1344.2	1507.7	1645.9
27.5°	509.6	562.8	624.7	712.2	838.1	995.5	1227.5	1490.2	1802.9	2033.2	2308.3
25°	559.0	619.8	699.3	826.2	996.1	1231.3	1602.3	2028.8	2541.5	2957.2	3392.2
22.5°	617.5	707.3	807.9	949.5	1246.2	1633.8	2140.7	2869.7	3658.3	4387.5	5089.7
20°	688.2	810.8	972.5	1233.1	1614.0	2187.1	3067.8	4231.2	5391.0	6626.2	7815.3
17.5°	789.0	965.8	1217.0	1587.9	2089.9	3223.4	4652.4	6451.8	8763.6	10858.5	12687.7
15°	883.6	1094.8	1491.4	2045.9	2921.5	4423.8	6594.3	9564.2	13167.0	16450.6	19918.5
12.5°	982.8	1232.2	1687.8	2393.8	3610.4	5566.3	8616.4	12685.9	17197.2	22145.8	27782.5
10°	1061.4	1364.3	1909.7	2804.8	4304.6	6740.1	10373.3	15308.6	21303.6	28627.2	37637.8
7.5°	1114.5	1470.1	2093.0	3105.7	4943.7	7940.7	12314.4	18246.4	25741.1	35443.4	48051.7
5°	1156.0	1550.9	2230.9	3380.1	5484.3	8857.1	13752.5	20819.0	29684.9	42684.2	64051.6
2.5°	1189.3	1612.8	2316.1	3569.0	5823.6	9495.2	14717.3	22274.5	32032.4	48037.5	75758.9
0°	1215.4	1668.7	2371.7	3685.6	6083.6	9559.0	15018.4	22540.8	32875.0	49003.7	78278.4
-2.5°	1226.5	1698.6	2390.8	3711.1	6057.5	9668.5	15110.4	22753.5	32843.3	48474.2	75464.5
-5°	1245.0	1698.2	2376.4	3685.1	5921.8	9385.3	14510.3	21563.0	30861.9	44305.2	66417.8
-7.5°	1258.2	1671.1	2307.6	3518.1	5566.3	8773.0	13455.8	19590.4	27255.6	37462.8	51157.9
-10°	1246.0	1619.1	2192.9	3238.0	5013.5	7790.7	11852.3	16986.5	23357.0	30921.4	40226.1
-12.5°	1199.2	1523.1	2005.7	2845.7	4297.7	6690.3	10239.1	14610.5	19325.6	24638.1	31067.8
-15°	1139.9	1419.7	1837.1	2576.5	3767.0	5599.7	8190.6	11736.8	15519.3	19552.8	23854.0
-17.5°	1093.7	1328.9	1674.5	2209.8	3085.4	4542.6	6578.7	9097.9	11877.4	14948.4	17497.2
-20°	1031.2	1217.1	1507.2	1944.3	2612.4	3577.9	5060.7	6890.9	8725.1	10884.3	12645.0



REPORT NUMBER: P627468 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA4D-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°	968.6	1130.5	1351.3	1671.2	2168.3	2897.7	3813.8	5035.9	6377.2	7616.6	8836.5
-25°	910.5	1035.2	1213.8	1476.2	1813.4	2311.2	2963.3	3664.4	4548.5	5302.9	6140.1
-27.5°	863.5	970.6	1102.4	1294.8	1556.4	1876.6	2343.5	2813.3	3278.2	3659.0	4235.4
-30°	818.1	904.3	1014.5	1151.6	1347.8	1594.6	1897.7	2202.4	2470.7	2715.5	3015.7
-32.5°	773.5	843.7	928.2	1042.0	1182.8	1368.3	1554.5	1772.9	1959.4	2131.5	2290.8
-35°	728.8	791.2	855.6	951.6	1063.9	1195.6	1331.1	1479.0	1608.1	1724.1	1826.6
-37.5°	688.4	743.3	803.8	875.3	965.7	1064.9	1175.5	1283.0	1368.3	1443.5	1505.7
-40°	654.4	704.3	756.1	813.3	882.2	960.4	1054.3	1143.9	1203.6	1249.6	1287.3
-42.5°	624.0	667.9	712.0	760.6	813.4	881.2	955.3	1029.3	1069.8	1105.4	1132.7
-45°	599.6	633.2	670.4	711.9	758.6	815.4	873.7	924.8	960.8	991.4	1014.2
-47.5°	567.3	599.7	631.9	666.2	709.8	757.0	805.2	844.6	876.0	902.6	920.0
-50°	531.7	565.8	595.3	625.4	665.6	705.7	744.4	776.9	807.0	833.1	846.8
-52.5°	494.9	531.6	562.5	591.9	625.5	660.5	695.5	723.3	749.6	774.2	784.6
-55°	468.4	502.2	534.1	561.8	589.5	617.5	646.1	674.9	700.9	724.3	731.2
-57.5°	439.8	474.2	505.8	530.6	555.7	580.9	607.1	633.1	658.2	680.6	686.2
-60°	404.8	442.1	470.2	493.6	518.0	542.9	565.7	588.9	612.2	631.8	638.1
-62.5°	360.4	394.4	422.1	446.8	470.4	492.0	514.2	535.9	556.9	572.3	577.4
-65°	307.3	336.1	364.7	390.5	413.7	434.7	455.1	474.9	493.9	507.5	514.3
-67.5°	265.3	286.1	309.0	331.3	354.6	376.1	394.5	411.9	428.3	439.8	447.0
-70°	224.8	244.6	266.1	287.2	307.5	325.0	339.7	354.1	368.0	378.2	385.9
-72.5°	186.1	202.9	220.8	239.5	258.0	273.8	287.3	300.1	312.2	320.9	327.9
-75°	151.1	165.0	180.1	195.2	210.2	222.7	234.0	245.1	255.8	263.5	270.0
-77.5°	119.9	131.6	143.4	155.3	167.1	176.2	184.5	192.6	200.5	206.6	212.2
-80°	88.8	98.0	107.4	116.9	126.3	133.3	139.5	145.5	151.1	154.7	157.8
-82.5°	60.7	67.1	73.7	80.4	87.0	92.2	97.1	102.0	106.8	108.5	109.7
-85°	38.8	42.0	45.4	49.0	52.9	55.7	58.4	61.0	63.4	65.7	67.9
-87.5°	21.5	22.2	22.8	23.3	23.8	25.8	27.8	29.7	31.7	32.0	32.3
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



REPORT NUMBER: P627468 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA4D-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	0.6	1.4
62.5°	5.9	6.3	6.5	6.6	6.5	6.3	5.9	5.4	4.7	5.1	6.0
60°	22.5	20.0	19.5	19.7	19.5	20.0	22.5	23.9	24.0	28.1	29.2
57.5°	99.9	111.2	114.3	111.7	114.3	111.2	99.9	88.0	76.1	74.6	76.3
55°	145.5	149.0	150.6	151.1	150.6	149.0	145.5	139.7	131.2	122.9	116.2
52.5°	178.4	177.2	177.0	177.4	177.0	177.2	178.4	177.6	174.3	166.2	153.6
50°	268.1	263.2	261.2	262.8	261.2	263.2	268.1	267.0	253.1	228.9	209.5
47.5°	342.6	344.2	346.5	348.2	346.5	344.2	342.6	341.0	327.4	301.4	273.7
45°	400.1	403.6	406.0	407.3	406.0	403.6	400.1	394.8	376.0	348.8	317.8
42.5°	458.9	459.3	458.6	459.9	458.6	459.3	458.9	454.3	433.4	405.0	372.6
40°	541.7	543.5	541.6	538.7	541.6	543.5	541.7	534.7	517.3	482.5	445.8
37.5°	708.0	710.4	702.5	696.4	702.5	710.4	708.0	693.0	667.2	620.0	573.3
35°	979.1	1007.2	1020.5	1024.9	1020.5	1007.2	979.1	941.0	899.4	853.6	744.4
32.5°	1290.4	1329.5	1349.1	1366.5	1349.1	1329.5	1290.4	1238.5	1163.3	1060.4	927.5
30°	1736.6	1808.7	1840.4	1885.5	1840.4	1808.7	1736.6	1645.9	1507.7	1344.2	1156.9
27.5°	2464.5	2591.2	2661.3	2726.4	2661.3	2591.2	2464.5	2308.3	2033.2	1802.9	1490.2
25°	3708.4	3952.5	4110.4	4184.9	4110.4	3952.5	3708.4	3392.2	2957.2	2541.5	2028.8
22.5°	5769.1	6219.0	6565.9	6635.4	6565.9	6219.0	5769.1	5089.7	4387.5	3658.3	2869.7
20°	8968.9	9612.6	10136.2	10399.9	10136.2	9612.6	8968.9	7815.3	6626.2	5391.0	4231.2
17.5°	14866.3	16205.1	16816.7	16917.1	16816.7	16205.1	14866.3	12687.7	10858.5	8763.6	6451.8
15°	23639.7	25905.3	27343.5	28269.6	27343.5	25905.3	23639.7	19918.5	16450.6	13167.0	9564.2
12.5°	33650.0	40087.6	43750.6	45147.2	43750.6	40087.6	33650.0	27782.5	22145.8	17197.2	12685.9
10°	47236.3	62391.2	71133.2	75532.3	71133.2	62391.2	47236.3	37637.8	28627.2	21303.6	15308.6
7.5°	70295.3	93702.4	119636.4	131634.5	119636.4	93702.4	70295.3	48051.7	35443.4	25741.1	18246.4
5°	94536.0	145928.2	191035.7	212636.1	191035.7	145928.2	94536.0	64051.6	42684.2	29684.9	20819.0
2.5°	122396.7	191704.1	255784.3	282728.6	255784.3	191704.1	122396.7	75758.9	48037.5	32032.4	22274.5
0°	133119.3	213851.5	283934.1	310380.6	283934.1	213851.5	133119.3	78278.4	49003.7	32875.0	22540.8
-2.5°	124054.4	195061.7	256885.3	287104.0	256885.3	195061.7	124054.4	75464.5	48474.2	32843.3	22753.5
-5°	98567.6	146732.5	192518.8	217142.9	192518.8	146732.5	98567.6	66417.8	44305.2	30861.9	21563.0
-7.5°	72342.4	98562.9	123991.0	132882.8	123991.0	98562.9	72342.4	51157.9	37462.8	27255.6	19590.4
-10°	50366.3	65381.0	75292.4	78120.7	75292.4	65381.0	50366.3	40226.1	30921.4	23357.0	16986.5
-12.5°	37341.5	43908.9	48478.5	49273.0	48478.5	43908.9	37341.5	31067.8	24638.1	19325.6	14610.5
-15°	27650.4	30990.2	33347.0	33505.7	33347.0	30990.2	27650.4	23854.0	19552.8	15519.3	11736.8
-17.5°	20212.6	22454.4	23643.8	23559.1	23643.8	22454.4	20212.6	17497.2	14948.4	11877.4	9097.9
-20°	14453.2	15804.5	16762.9	16575.4	16762.9	15804.5	14453.2	12645.0	10884.3	8725.1	6890.9



REPORT NUMBER: P627468 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA4D-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°	10077.8	10974.8	11536.4	11391.9	11536.4	10974.8	10077.8	8836.5	7616.6	6377.2	5035.9
-25°	6847.7	7336.5	7614.6	7568.3	7614.6	7336.5	6847.7	6140.1	5302.9	4548.5	3664.4
-27.5°	4666.3	4924.5	5010.7	5006.1	5010.7	4924.5	4666.3	4235.4	3659.0	3278.2	2813.3
-30°	3238.8	3412.4	3511.6	3449.1	3511.6	3412.4	3238.8	3015.7	2715.5	2470.7	2202.4
-32.5°	2414.0	2511.8	2568.4	2509.6	2568.4	2511.8	2414.0	2290.8	2131.5	1959.4	1772.9
-35°	1902.4	1951.9	1971.8	1938.1	1971.8	1951.9	1902.4	1826.6	1724.1	1608.1	1479.0
-37.5°	1551.0	1580.0	1589.9	1570.2	1589.9	1580.0	1551.0	1505.7	1443.5	1368.3	1283.0
-40°	1314.2	1332.0	1336.4	1320.5	1336.4	1332.0	1314.2	1287.3	1249.6	1203.6	1143.9
-42.5°	1149.9	1160.5	1163.0	1156.3	1163.0	1160.5	1149.9	1132.7	1105.4	1069.8	1029.3
-45°	1027.7	1036.8	1038.5	1031.4	1038.5	1036.8	1027.7	1014.2	991.4	960.8	924.8
-47.5°	928.7	934.4	935.8	932.9	935.8	934.4	928.7	920.0	902.6	876.0	844.6
-50°	853.0	856.8	857.2	854.1	857.2	856.8	853.0	846.8	833.1	807.0	776.9
-52.5°	789.5	792.2	794.0	794.9	794.0	792.2	789.5	784.6	774.2	749.6	723.3
-55°	736.1	739.6	741.7	742.4	741.7	739.6	736.1	731.2	724.3	700.9	674.9
-57.5°	690.7	693.8	695.8	696.4	695.8	693.8	690.7	686.2	680.6	658.2	633.1
-60°	643.2	647.1	649.6	650.4	649.6	647.1	643.2	638.1	631.8	612.2	588.9
-62.5°	580.7	582.4	584.0	584.7	584.0	582.4	580.7	577.4	572.3	556.9	535.9
-65°	519.4	522.9	525.0	525.6	525.0	522.9	519.4	514.3	507.5	493.9	474.9
-67.5°	452.9	457.5	462.4	466.5	462.4	457.5	452.9	447.0	439.8	428.3	411.9
-70°	392.7	398.5	400.4	400.8	400.4	398.5	392.7	385.9	378.2	368.0	354.1
-72.5°	334.2	339.7	344.3	348.2	344.3	339.7	334.2	327.9	320.9	312.2	300.1
-75°	275.8	280.9	282.2	282.5	282.2	280.9	275.8	270.0	263.5	255.8	245.1
-77.5°	217.4	222.1	223.1	223.4	223.1	222.1	217.4	212.2	206.6	200.5	192.6
-80°	160.7	163.3	167.2	170.8	167.2	163.3	160.7	157.8	154.7	151.1	145.5
-82.5°	110.6	111.2	111.6	111.7	111.6	111.2	110.6	109.7	108.5	106.8	102.0
-85°	70.0	72.0	72.2	72.3	72.2	72.0	70.0	67.9	65.7	63.4	61.0
-87.5°	32.5	32.7	32.8	32.8	32.8	32.7	32.5	32.3	32.0	31.7	29.7
-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: P627468 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA4D-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	0.4
65°	1.6	1.2	0.1	0.0	0.0	0.0	0.4	0.0	0.0	0.2	1.8
62.5°	6.7	7.3	7.5	6.8	5.1	3.2	3.8	4.6	3.2	0.6	2.3
60°	24.7	15.7	22.3	24.5	21.5	15.4	15.7	14.6	12.1	9.6	6.4
57.5°	80.9	78.3	64.2	55.5	52.9	46.9	38.6	30.7	27.1	21.8	15.4
55°	111.7	107.2	99.5	88.9	77.0	73.5	66.9	57.4	48.1	37.3	30.2
52.5°	137.3	138.5	134.1	121.4	110.7	103.7	94.5	85.5	74.4	63.8	49.7
50°	196.2	188.7	181.6	174.3	157.6	141.3	129.8	117.3	101.3	89.4	77.6
47.5°	250.5	239.3	231.8	222.1	203.0	185.9	167.8	150.2	130.3	111.7	100.0
45°	296.8	280.7	266.2	254.3	237.7	218.1	202.0	182.5	159.8	138.2	118.0
42.5°	344.0	319.5	299.9	287.8	267.9	247.6	229.5	214.5	189.9	164.6	144.2
40°	406.7	357.6	339.3	334.6	315.6	283.4	268.1	251.6	225.4	192.4	172.3
37.5°	510.2	444.4	412.1	395.2	378.0	344.6	314.7	293.1	269.5	232.3	203.6
35°	656.7	579.4	509.0	472.7	452.3	406.9	367.6	337.9	309.7	274.4	237.2
32.5°	785.2	698.2	614.1	550.6	504.9	463.0	419.0	382.3	345.4	309.3	272.7
30°	972.7	827.3	711.5	622.1	563.3	511.2	464.6	420.3	378.6	340.6	303.7
27.5°	1227.5	995.5	838.1	712.2	624.7	562.8	509.6	457.9	410.3	369.4	331.6
25°	1602.3	1231.3	996.1	826.2	699.3	619.8	559.0	499.3	443.6	397.1	365.1
22.5°	2140.7	1633.8	1246.2	949.5	807.9	707.3	617.5	542.3	479.2	437.6	399.7
20°	3067.8	2187.1	1614.0	1233.1	972.5	810.8	688.2	599.8	535.3	481.8	434.8
17.5°	4652.4	3223.4	2089.9	1587.9	1217.0	965.8	789.0	671.6	590.4	526.3	470.1
15°	6594.3	4423.8	2921.5	2045.9	1491.4	1094.8	883.6	742.8	646.9	572.9	505.7
12.5°	8616.4	5566.3	3610.4	2393.8	1687.8	1232.2	982.8	824.0	703.4	606.6	529.1
10°	10373.3	6740.1	4304.6	2804.8	1909.7	1364.3	1061.4	875.2	737.1	630.8	549.1
7.5°	12314.4	7940.7	4943.7	3105.7	2093.0	1470.1	1114.5	909.6	764.9	651.0	565.5
5°	13752.5	8857.1	5484.3	3380.1	2230.9	1550.9	1156.0	934.3	786.7	667.1	578.5
2.5°	14717.3	9495.2	5823.6	3569.0	2316.1	1612.8	1189.3	957.4	803.6	683.5	592.9
0°	15018.4	9559.0	6083.6	3685.6	2371.7	1668.7	1215.4	978.9	814.6	696.4	604.4
-2.5°	15110.4	9668.5	6057.5	3711.1	2390.8	1698.6	1226.5	982.9	823.2	701.3	606.0
-5°	14510.3	9385.3	5921.8	3685.1	2376.4	1698.2	1245.0	990.0	828.1	702.9	604.7
-7.5°	13455.8	8773.0	5566.3	3518.1	2307.6	1671.1	1258.2	999.3	832.5	708.1	609.4
-10°	11852.3	7790.7	5013.5	3238.0	2192.9	1619.1	1246.0	994.2	829.6	707.2	610.4
-12.5°	10239.1	6690.3	4297.7	2845.7	2005.7	1523.1	1199.2	973.9	819.3	700.0	607.5
-15°	8190.6	5599.7	3767.0	2576.5	1837.1	1419.7	1139.9	942.0	801.7	686.9	600.6
-17.5°	6578.7	4542.6	3085.4	2209.8	1674.5	1328.9	1093.7	916.2	781.0	673.7	591.4
-20°	5060.7	3577.9	2612.4	1944.3	1507.2	1217.1	1031.2	878.1	757.2	660.0	582.5

Classified

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

Scaled Data Report



REPORT NUMBER: P627468 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA4D-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°	3813.8	2897.7	2168.3	1671.2	1351.3	1130.5	968.6	835.6	728.3	640.4	571.0
-25°	2963.3	2311.2	1813.4	1476.2	1213.8	1035.2	910.5	802.1	705.4	621.0	557.2
-27.5°	2343.5	1876.6	1556.4	1294.8	1102.4	970.6	863.5	767.2	680.8	606.3	543.1
-30°	1897.7	1594.6	1347.8	1151.6	1014.5	904.3	818.1	737.5	657.8	587.5	528.0
-32.5°	1554.5	1368.3	1182.8	1042.0	928.2	843.7	773.5	705.6	629.7	568.1	512.2
-35°	1331.1	1195.6	1063.9	951.6	855.6	791.2	728.8	665.2	603.5	546.2	494.1
-37.5°	1175.5	1064.9	965.7	875.3	803.8	743.3	688.4	632.3	576.2	523.6	475.6
-40°	1054.3	960.4	882.2	813.3	756.1	704.3	654.4	602.6	552.6	499.9	455.5
-42.5°	955.3	881.2	813.4	760.6	712.0	667.9	624.0	578.8	529.8	479.9	433.1
-45°	873.7	815.4	758.6	711.9	670.4	633.2	599.6	554.4	506.5	456.6	409.0
-47.5°	805.2	757.0	709.8	666.2	631.9	599.7	567.3	527.4	477.1	430.1	389.6
-50°	744.4	705.7	665.6	625.4	595.3	565.8	531.7	490.0	446.7	408.0	369.8
-52.5°	695.5	660.5	625.5	591.9	562.5	531.6	494.9	458.9	421.9	385.6	350.4
-55°	646.1	617.5	589.5	561.8	534.1	502.2	468.4	432.6	396.3	362.4	326.5
-57.5°	607.1	580.9	555.7	530.6	505.8	474.2	439.8	404.8	367.4	333.1	299.4
-60°	565.7	542.9	518.0	493.6	470.2	442.1	404.8	368.8	334.3	301.7	269.2
-62.5°	514.2	492.0	470.4	446.8	422.1	394.4	360.4	327.3	297.4	269.0	239.8
-65°	455.1	434.7	413.7	390.5	364.7	336.1	307.3	282.9	259.8	235.8	210.0
-67.5°	394.5	376.1	354.6	331.3	309.0	286.1	265.3	244.4	222.9	200.8	177.7
-70°	339.7	325.0	307.5	287.2	266.1	244.6	224.8	205.4	185.4	166.9	149.1
-72.5°	287.3	273.8	258.0	239.5	220.8	202.9	186.1	170.3	154.7	139.4	123.6
-75°	234.0	222.7	210.2	195.2	180.1	165.0	151.1	138.3	125.2	111.7	98.4
-77.5°	184.5	176.2	167.1	155.3	143.4	131.6	119.9	108.4	97.5	87.4	78.1
-80°	139.5	133.3	126.3	116.9	107.4	98.0	88.8	80.9	73.5	66.8	60.2
-82.5°	97.1	92.2	87.0	80.4	73.7	67.1	60.7	55.9	51.2	46.7	42.3
-85°	58.4	55.7	52.9	49.0	45.4	42.0	38.8	36.1	33.4	30.6	27.8
-87.5°	27.8	25.8	23.8	23.3	22.8	22.2	21.5	19.5	17.6	15.7	13.9
-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: P627468 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA4D-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	0.3	0.6	0.1	0.0
72.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.6	1.5	1.4	0.4
70°	0.0	0.0	0.0	0.6	0.6	0.0	0.0	0.9	2.5	2.8	2.0
67.5°	0.0	0.0	0.0	1.4	2.2	1.9	0.4	1.1	2.7	4.2	3.7
65°	2.2	1.6	0.1	1.7	3.3	4.3	3.2	2.0	2.9	4.5	5.5
62.5°	3.9	5.0	3.7	2.7	3.6	5.2	6.1	4.1	3.4	4.7	6.2
60°	4.3	5.9	6.7	5.2	4.6	5.6	6.6	6.0	4.8	5.0	6.4
57.5°	11.5	7.5	7.5	7.1	6.0	6.1	6.6	6.6	5.9	5.6	6.6
55°	21.4	15.7	11.1	8.9	7.5	6.5	6.8	6.6	6.6	6.1	6.6
52.5°	37.3	27.1	19.9	13.4	10.0	7.5	7.5	6.6	6.6	6.5	6.6
50°	59.5	42.7	31.3	22.5	14.0	11.0	8.5	7.7	6.6	6.6	6.6
47.5°	86.9	63.9	45.7	32.9	23.1	14.9	11.7	9.1	6.6	6.6	6.6
45°	107.3	89.1	63.7	46.1	32.4	22.3	15.8	10.8	8.2	6.8	6.6
42.5°	127.3	110.8	86.7	59.0	44.6	30.8	20.1	14.5	10.0	7.2	6.8
40°	152.8	132.2	108.6	80.5	58.0	39.2	27.3	18.7	12.0	8.4	7.4
37.5°	179.2	156.2	130.4	101.1	73.1	52.0	34.6	23.1	15.1	10.7	8.0
35°	208.7	181.1	151.9	120.9	91.1	65.1	41.7	28.3	19.3	13.1	8.8
32.5°	238.6	205.0	172.0	140.1	107.8	78.7	51.6	35.1	23.3	15.6	9.7
30°	267.5	228.7	190.5	158.4	123.8	93.1	64.1	42.5	27.2	18.2	10.9
27.5°	293.9	251.9	208.4	174.7	139.8	106.5	76.7	50.4	30.9	21.2	13.0
25°	321.5	275.5	228.9	189.2	154.9	120.1	88.3	58.9	36.4	24.3	15.2
22.5°	352.8	299.4	248.6	202.3	170.7	133.4	99.4	69.0	43.0	27.3	17.3
20°	386.4	323.0	268.4	221.0	185.5	147.0	110.5	78.3	49.7	30.1	19.4
17.5°	420.8	348.8	292.3	242.3	200.2	159.8	121.0	86.7	56.5	32.7	21.4
15°	444.2	374.7	313.9	262.1	214.9	171.6	131.0	94.4	63.1	35.2	23.5
12.5°	463.7	397.0	332.9	280.5	229.4	182.3	140.3	101.3	69.6	38.5	25.5
10°	481.0	415.8	349.4	297.4	243.4	192.1	148.9	107.3	75.6	42.7	27.3
7.5°	495.9	431.3	363.6	312.6	256.7	201.9	155.9	112.7	80.8	47.0	28.9
5°	508.3	444.7	375.5	322.5	269.1	212.2	161.9	117.4	85.3	51.3	30.4
2.5°	518.3	456.9	385.7	329.7	279.9	221.6	166.9	121.4	89.0	55.3	31.7
0°	525.6	466.5	394.2	335.1	289.1	229.9	170.8	124.8	92.0	59.1	32.8
-2.5°	530.4	468.1	403.3	341.3	294.6	236.8	178.8	129.0	94.4	62.5	34.8
-5°	532.4	467.9	410.0	346.1	298.6	242.3	185.5	132.5	96.3	65.3	36.6
-7.5°	535.3	470.0	413.7	349.8	301.2	246.5	190.6	135.1	97.8	67.7	38.2
-10°	536.5	472.2	414.6	354.4	303.4	249.6	194.0	136.7	98.8	69.4	39.6
-12.5°	534.9	472.0	414.4	357.0	304.4	251.4	195.7	139.3	99.8	70.5	40.9
-15°	530.7	469.3	413.4	357.3	304.3	252.1	196.3	141.7	101.8	70.8	41.9
-17.5°	524.2	463.8	411.9	355.1	303.0	251.7	195.7	142.8	102.8	70.3	42.9
-20°	517.6	458.8	409.6	350.4	300.8	250.3	194.0	142.5	102.8	69.2	43.7

Classified

Cooper Lighting Solutions Photometric Lab
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Scaled Data Report



REPORT NUMBER: P627468 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA4D-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°	509.1	454.2	402.4	345.6	297.5	248.0	191.2	140.9	101.6	67.7	44.3
-25°	498.3	447.1	394.1	341.9	293.4	243.3	188.0	137.8	99.2	65.6	44.5
-27.5°	487.6	437.5	385.3	336.7	287.6	237.7	183.8	134.9	95.9	63.0	44.3
-30°	475.0	426.6	377.6	329.7	279.6	229.7	177.8	130.4	92.4	61.6	43.8
-32.5°	461.3	415.7	369.0	319.2	269.6	220.8	170.1	124.2	88.2	60.9	43.3
-35°	447.5	403.6	358.5	306.0	258.8	211.1	162.4	116.3	83.5	59.6	42.7
-37.5°	431.3	388.5	341.6	291.8	247.3	200.8	155.1	111.8	78.3	57.9	41.9
-40°	412.7	370.1	322.2	278.6	235.2	189.8	147.2	107.7	74.9	55.7	41.0
-42.5°	392.0	349.4	306.6	265.0	222.4	180.5	139.1	102.6	73.4	53.9	39.8
-45°	370.7	330.8	292.1	251.0	209.6	170.7	132.2	97.0	71.2	52.3	38.6
-47.5°	350.8	314.9	276.2	235.9	198.5	160.7	124.3	93.2	68.1	50.6	37.3
-50°	333.9	297.5	258.9	220.7	185.4	150.5	116.0	88.4	65.5	48.7	35.6
-52.5°	314.6	277.8	239.9	203.9	171.4	139.1	109.0	82.6	61.9	46.2	33.7
-55°	291.5	255.0	218.8	187.2	156.9	128.3	100.7	76.7	57.3	43.5	31.4
-57.5°	264.5	229.2	199.5	170.7	142.2	116.2	91.5	69.5	53.1	40.3	28.9
-60°	236.9	208.3	181.1	153.0	126.8	103.2	81.0	62.2	48.9	36.8	26.2
-62.5°	212.3	186.1	159.4	133.6	110.7	89.5	70.3	56.6	44.2	33.0	23.1
-65°	184.7	159.9	136.0	114.8	94.4	76.6	63.1	50.6	39.2	28.9	20.4
-67.5°	155.0	135.1	114.9	95.7	80.8	67.6	55.4	44.1	33.8	24.5	18.7
-70°	130.9	112.4	95.9	82.2	69.8	58.1	47.2	37.2	28.1	21.9	16.8
-72.5°	108.0	93.7	80.7	69.1	58.3	48.1	38.6	30.5	24.4	19.2	14.8
-75°	86.1	75.8	65.5	55.4	46.3	37.9	31.7	25.7	20.6	16.3	13.0
-77.5°	69.0	59.8	50.4	43.2	37.6	31.9	26.1	20.6	17.1	14.1	11.2
-80°	53.1	46.6	41.0	36.0	30.9	25.7	21.2	17.4	14.7	12.0	9.3
-82.5°	38.1	34.7	31.7	28.8	24.8	21.1	17.7	14.7	12.3	9.9	7.3
-85°	26.0	24.3	22.9	21.5	18.8	16.3	13.6	11.0	8.7	6.7	4.9
-87.5°	13.3	12.7	12.0	11.3	9.7	8.2	6.8	5.5	4.4	3.4	2.5
-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-SA4D-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	0.3	0.0
82.5°	0.0	0.0	0.0	0.0	0.0	0.4	0.0
80°	0.0	0.0	0.0	0.0	0.0	0.6	0.0
77.5°	0.1	0.1	0.0	0.0	0.1	0.7	0.0
75°	0.2	0.5	0.1	0.0	0.1	0.9	0.0
72.5°	0.3	1.0	0.7	0.0	0.2	1.0	0.0
70°	0.8	1.5	1.3	0.1	0.3	1.2	0.0
67.5°	2.3	2.0	2.0	0.8	0.4	1.4	0.0
65°	3.8	2.8	2.7	1.4	0.5	1.5	0.0
62.5°	5.2	3.7	3.4	2.1	0.7	1.7	0.0
60°	6.5	4.6	4.1	2.8	0.9	1.9	0.0
57.5°	6.6	5.4	4.6	3.5	1.4	2.1	0.0
55°	6.6	6.1	5.1	4.2	2.0	2.2	0.0
52.5°	6.6	6.6	5.5	4.9	2.5	2.4	0.0
50°	6.6	6.6	5.8	5.6	3.0	2.6	0.0
47.5°	6.6	6.6	6.1	6.2	3.4	2.8	0.0
45°	6.6	6.6	6.4	6.4	3.9	3.0	0.0
42.5°	6.6	6.6	6.5	6.6	4.3	3.2	0.0
40°	6.6	6.6	6.6	6.6	4.6	3.4	0.0
37.5°	6.6	6.6	6.6	6.6	4.9	3.6	0.0
35°	6.6	6.6	6.6	6.6	5.2	3.9	0.0
32.5°	6.8	6.6	6.6	6.6	5.5	4.1	0.0
30°	7.5	6.6	6.6	6.6	5.7	4.3	0.0
27.5°	8.2	6.6	6.6	6.6	5.9	4.5	0.0
25°	9.0	6.6	6.6	6.6	6.1	4.7	0.0
22.5°	9.8	6.7	6.6	6.6	6.2	4.9	0.0
20°	10.6	7.2	6.6	6.6	6.3	5.1	0.0
17.5°	11.8	7.8	6.6	6.6	6.4	5.3	0.0
15°	13.1	8.4	6.6	6.6	6.5	5.5	0.0
12.5°	14.4	9.2	6.6	6.6	6.5	5.7	0.0
10°	15.6	10.0	6.6	6.6	6.6	5.9	0.0
7.5°	16.7	10.8	6.6	6.6	6.6	6.1	0.0
5°	17.8	11.6	6.6	6.6	6.6	6.3	0.0
2.5°	18.8	12.4	6.6	6.6	6.6	6.4	0.0
0°	19.7	13.1	6.6	6.6	6.6	6.6	0.0
-2.5°	21.4	13.8	7.2	6.6	6.6	6.6	0.0
-5°	23.0	14.4	7.7	6.6	6.6	6.6	0.0
-7.5°	24.5	15.0	8.3	6.6	6.6	6.5	0.0
-10°	25.7	15.5	8.7	6.6	6.6	6.5	0.0
-12.5°	26.8	15.9	9.2	6.6	6.6	6.4	0.0
-15°	27.6	16.3	9.5	6.6	6.6	6.4	0.0
-17.5°	28.2	16.6	9.8	6.6	6.6	6.3	0.0
-20°	28.6	16.8	10.0	6.6	6.6	6.2	0.0

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CATALOG NUMBER: GFLD-SA4D-740-U-NR-VSR-XX

CANDELA DISTRIBUTION (continued):

	75°	77.5°	80°	82.5°	85°	87.5°	90°
-22.5°	28.9	17.0	10.1	6.6	6.6	6.1	0.0
-25°	29.1	17.4	10.0	6.6	6.6	6.0	0.0
-27.5°	29.1	17.8	9.9	6.6	6.6	5.9	0.0
-30°	29.0	18.1	9.6	6.6	6.6	5.7	0.0
-32.5°	28.7	18.2	9.6	6.6	6.6	5.6	0.0
-35°	28.6	18.2	9.5	6.6	6.6	5.4	0.0
-37.5°	28.5	18.0	9.3	6.6	6.6	5.2	0.0
-40°	28.1	17.7	9.0	6.6	6.6	5.1	0.0
-42.5°	27.5	17.1	8.9	6.7	6.6	4.9	0.0
-45°	26.6	16.5	9.1	6.8	6.6	4.7	0.0
-47.5°	25.6	15.6	9.3	7.0	6.6	4.5	0.0
-50°	24.3	14.6	9.4	7.1	6.6	4.2	0.0
-52.5°	22.7	13.4	9.4	7.1	6.6	4.0	0.0
-55°	21.0	13.0	9.3	7.1	6.6	3.8	0.0
-57.5°	19.0	12.7	9.2	7.1	6.6	3.5	0.0
-60°	17.0	12.3	9.0	7.1	6.6	3.3	0.0
-62.5°	16.2	11.8	8.7	7.0	6.1	3.0	0.0
-65°	15.1	11.2	8.4	6.9	5.6	2.8	0.0
-67.5°	14.0	10.4	8.0	6.8	5.0	2.5	0.0
-70°	12.7	9.7	7.6	6.6	4.5	2.3	0.0
-72.5°	11.4	8.8	7.2	5.9	4.0	2.0	0.0
-75°	9.9	7.9	6.7	5.1	3.4	1.7	0.0
-77.5°	8.4	6.9	5.7	4.3	2.9	1.4	0.0
-80°	6.8	5.7	4.6	3.4	2.3	1.1	0.0
-82.5°	5.1	4.3	3.4	2.6	1.7	0.9	0.0
-85°	3.4	2.9	2.3	1.7	1.1	0.6	0.0
-87.5°	1.7	1.4	1.1	0.9	0.6	0.3	0.0
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0

(END OF REPORT)