

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: P627348 (CONVERTED FROM TYPE C PHOTOMETRY)

Luminaire Tested: **GFLD-SA4B-740-U-NR-VSR-XX**

Issue Date: 12/7/2022

Test Information

Test Method: LM-79-08
Report Number: P627348 (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-SA4B-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: -

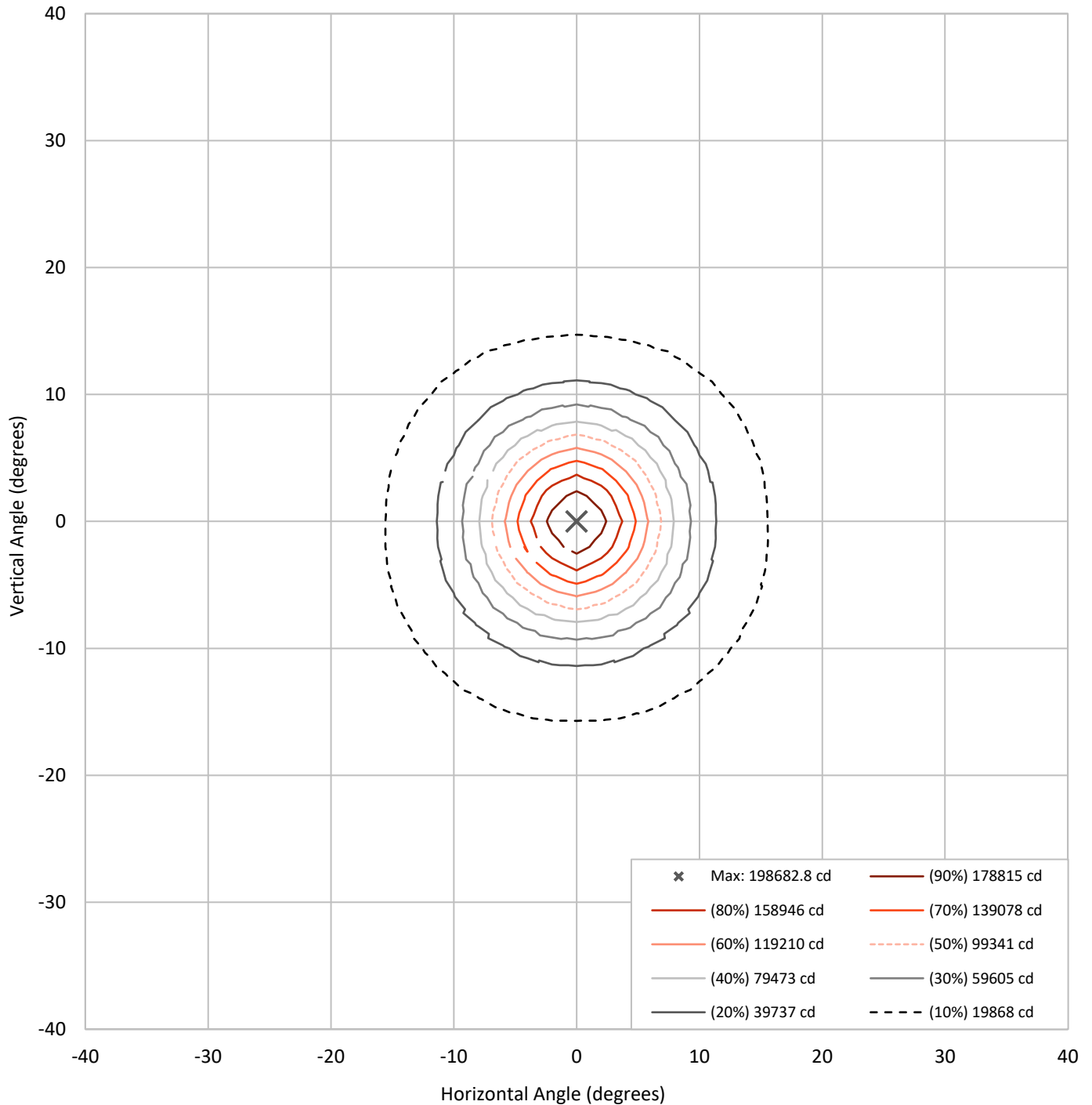
Summary

Lumens per Lamp:	N/A	NEMA Type:	3H x 3V
Luminaire Lumens:	19600.4 lumens	Max Intensity:	198682.8 candela
Efficiency:	N/A	Max Intensity Angle:	0°H x 0°V
Efficacy:	151.4 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:	6257.4 lumens	Field Lumens:	13937.2 lumens
Beam Efficiency:	31.9%	Field Efficiency:	71.1%
Input Watts (W):	129.5		
Input Voltage (V):	120		
Input Current (Ain):	NR		
Voltage Rise (V):	NR		
Power Factor:	NR		
Total Harmonic Distortion (THDi):	NR		
Frequency (hertz):	60		
Stabilization Time:	NR		
Operation Time:	NR		
Ambient Temperature (°C):	NR		
Test Distance:	25 FT		



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Iso-Candela Plot





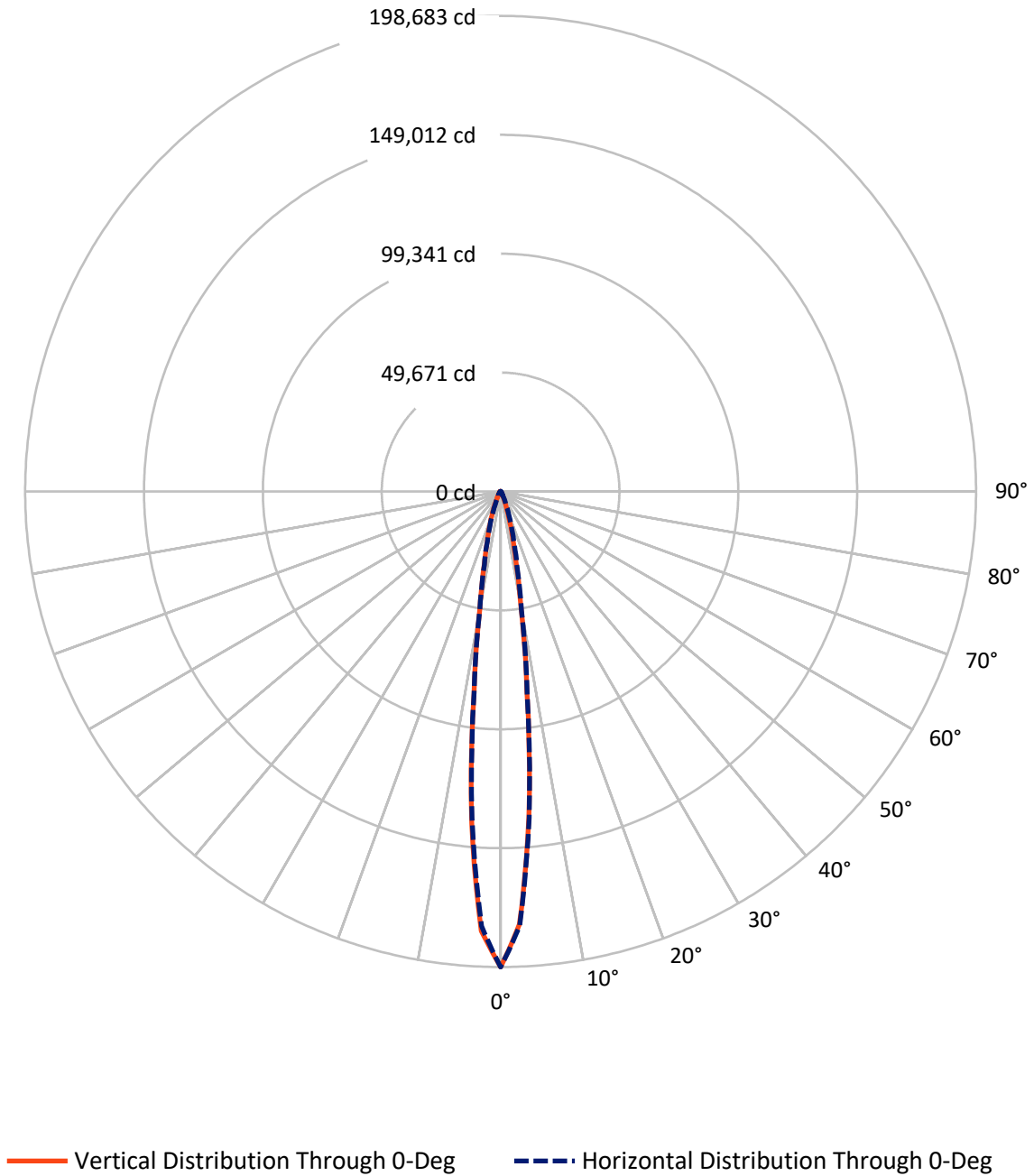
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Lumen Table

90	0.0	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	0.0	0.1	0.1	0.1	0.1	0.1	0.1	0.0	0.0	0.0	0.0	0.1			
60		0.1	0.1	0.5	1.1	1.7	2.3	2.8	2.8	2.3	1.7	1.1	0.5	0.1	0.1				
50	0.1	0.1	0.6	1.7	3.2	4.7	6.6	7.8	7.8	6.6	4.7	3.2	1.7	0.6	0.1	0.1			
40		0.3	1.4	3.3	5.9	9.4	15.9	20.3	20.3	15.9	9.4	5.9	3.3	1.4	0.3				
30	0.2	0.6	2.2	5.0	9.2	19.9	53.2	88.2	88.2	53.2	19.9	9.2	5.0	2.2	0.6	0.2			
20		0.8	3.0	7.0	15.2	59.6	251.3	552.3	552.3	251.3	59.6	15.2	7.0	3.0	0.8				
10	0.3	1.1	3.7	8.2	20.6	111.9	602.1	2700.1	2700.1	602.1	111.9	20.6	8.2	3.7	1.1	0.3			
0		1.2	4.0	8.6	22.1	119.2	623.2	2745.9	2745.9	623.2	119.2	22.1	8.6	4.0	1.2				
-10	0.4	1.3	4.0	8.5	19.4	75.9	302.5	647.0	647.0	302.5	75.9	19.4	8.5	4.0	1.3	0.4			
-20		1.2	3.9	7.8	15.0	35.4	93.2	155.4	155.4	93.2	35.4	15.0	7.8	3.9	1.2				
-30	0.3	1.1	3.5	6.9	11.7	19.5	31.7	40.3	40.3	31.7	19.5	11.7	6.9	3.5	1.1	0.3			
-40		0.9	2.8	5.7	9.5	13.6	18.3	20.4	20.4	18.3	13.6	9.5	5.7	2.8	0.9				
-50	0.2	0.7	2.1	4.5	7.5	10.4	13.2	14.4	14.4	13.2	10.4	7.5	4.5	2.1	0.7	0.2			
-60		0.4	1.3	2.9	5.0	7.3	9.2	10.1	10.1	9.2	7.3	5.0	2.9	1.3	0.4				
-70	0.1	0.4	1.3	2.9	5.0	7.3	9.2	10.1	10.1	9.2	7.3	5.0	2.9	1.3	0.4	0.1			
-80		0.1	1.2	4.9	10.8	13.7	10.8	4.9	1.2	0.1									
-90	0.1	1.2	4.9	10.8	13.7	10.8	4.9	1.2	0.1										
	-90	-80	-70	-60	-50	-40	-30	-20	-10	0	10	20	30	40	50	60	70	80	90

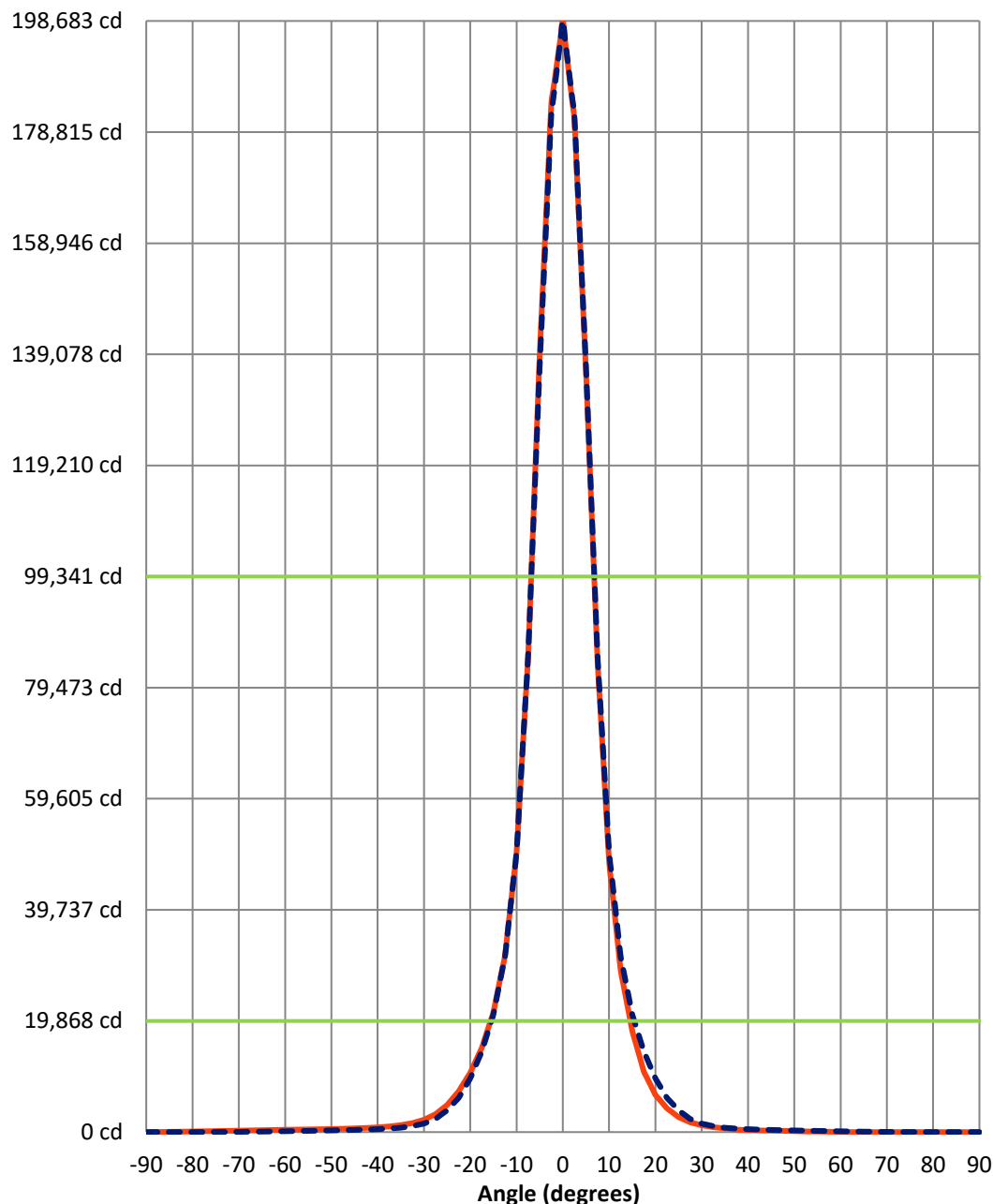
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Luminous Intensity Polar Plot



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Luminous Intensity Plot



Beam:
 H Angle: 13.6°
 V Angle: 13.6°
 Lumens: 6257.4
 Efficiency: 31.9%

Field:
 H Angle: 30.9°
 V Angle: 30.2°
 Lumens: 13937.2
 Efficiency: 71.1%

Spill:
 Lumens: 5663.3
 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	0.3	0.1	0.0	0.1	0.4	0.2
72.5°	0.0	0.7	0.1	0.0	0.5	0.6	0.2	0.3	0.9	0.9	0.4
70°	0.0	0.8	0.2	0.1	0.9	0.9	0.5	1.3	1.8	1.6	0.6
67.5°	0.0	0.9	0.2	0.5	1.3	1.3	1.5	2.4	2.7	1.7	0.7
65°	0.0	1.0	0.3	0.9	1.7	1.8	2.4	3.5	2.8	1.9	1.3
62.5°	0.0	1.1	0.4	1.3	2.2	2.4	3.3	3.9	3.0	2.2	2.6
60°	0.0	1.2	0.6	1.8	2.6	2.9	4.1	4.1	3.2	3.0	3.8
57.5°	0.0	1.3	0.9	2.2	3.0	3.4	4.2	4.2	3.5	3.7	4.2
55°	0.0	1.4	1.3	2.7	3.2	3.9	4.2	4.2	3.9	4.2	4.2
52.5°	0.0	1.5	1.6	3.1	3.5	4.2	4.2	4.2	4.1	4.2	4.2
50°	0.0	1.7	1.9	3.6	3.7	4.2	4.2	4.2	4.2	4.2	4.9
47.5°	0.0	1.8	2.2	4.0	3.9	4.2	4.2	4.2	4.2	4.2	5.8
45°	0.0	1.9	2.5	4.1	4.0	4.2	4.2	4.2	4.3	5.2	6.9
42.5°	0.0	2.0	2.7	4.2	4.2	4.2	4.2	4.4	4.6	6.4	9.3
40°	0.0	2.2	2.9	4.2	4.2	4.2	4.2	4.7	5.3	7.7	12.0
37.5°	0.0	2.3	3.1	4.2	4.2	4.2	4.2	5.1	6.8	9.7	14.8
35°	0.0	2.5	3.3	4.2	4.2	4.2	4.2	5.6	8.4	12.4	18.1
32.5°	0.0	2.6	3.5	4.2	4.2	4.2	4.3	6.2	10.0	14.9	22.4
30°	0.0	2.7	3.6	4.2	4.2	4.2	4.8	7.0	11.7	17.4	27.2
27.5°	0.0	2.9	3.8	4.2	4.2	4.2	5.2	8.3	13.5	19.8	32.3
25°	0.0	3.0	3.9	4.2	4.2	4.2	5.7	9.7	15.5	23.3	37.7
22.5°	0.0	3.1	4.0	4.2	4.2	4.3	6.3	11.0	17.4	27.5	44.2
20°	0.0	3.3	4.0	4.2	4.2	4.6	6.8	12.4	19.2	31.8	50.1
17.5°	0.0	3.4	4.1	4.2	4.2	5.0	7.5	13.7	20.9	36.2	55.5
15°	0.0	3.5	4.1	4.2	4.2	5.4	8.4	15.0	22.5	40.4	60.4
12.5°	0.0	3.7	4.2	4.2	4.2	5.9	9.2	16.3	24.6	44.6	64.8
10°	0.0	3.8	4.2	4.2	4.2	6.4	10.0	17.4	27.3	48.5	68.7
7.5°	0.0	3.9	4.2	4.2	4.2	6.9	10.7	18.5	30.1	51.8	72.1
5°	0.0	4.0	4.2	4.2	4.2	7.4	11.4	19.4	32.8	54.6	75.1
2.5°	0.0	4.1	4.2	4.2	4.2	7.9	12.0	20.3	35.4	57.0	77.7
0°	0.0	4.2	4.2	4.2	4.2	8.4	12.6	21.0	37.8	58.9	79.9
-2.5°	0.0	4.2	4.2	4.2	4.6	8.8	13.7	22.3	40.0	60.5	82.6
-5°	0.0	4.2	4.2	4.2	4.9	9.2	14.7	23.4	41.8	61.7	84.8
-7.5°	0.0	4.2	4.2	4.2	5.3	9.6	15.7	24.4	43.3	62.6	86.5
-10°	0.0	4.1	4.2	4.2	5.6	9.9	16.5	25.3	44.5	63.3	87.5
-12.5°	0.0	4.1	4.2	4.2	5.9	10.2	17.2	26.1	45.2	63.9	89.2
-15°	0.0	4.1	4.2	4.2	6.1	10.4	17.7	26.8	45.3	65.2	90.7
-17.5°	0.0	4.0	4.2	4.2	6.3	10.6	18.0	27.4	45.0	65.8	91.4
-20°	0.0	3.9	4.2	4.2	6.4	10.8	18.3	28.0	44.3	65.8	91.2

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Scaled Data Report



REPORT NUMBER: P627348 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA4B-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	3.9	4.2	4.2	6.4	10.9	18.5	28.3	43.3	65.1	90.2
-25°	0.0	3.8	4.2	4.2	6.4	11.1	18.6	28.5	42.0	63.6	88.2
-27.5°	0.0	3.7	4.2	4.2	6.3	11.4	18.6	28.4	40.3	61.4	86.3
-30°	0.0	3.6	4.2	4.2	6.2	11.6	18.5	28.0	39.5	59.1	83.4
-32.5°	0.0	3.5	4.2	4.2	6.2	11.7	18.3	27.7	39.0	56.5	79.5
-35°	0.0	3.4	4.2	4.2	6.1	11.7	18.3	27.3	38.2	53.5	74.4
-37.5°	0.0	3.3	4.2	4.2	5.9	11.5	18.2	26.8	37.0	50.2	71.6
-40°	0.0	3.2	4.2	4.2	5.7	11.3	18.0	26.2	35.6	48.0	68.9
-42.5°	0.0	3.1	4.2	4.2	5.7	11.0	17.6	25.4	34.5	47.0	65.7
-45°	0.0	3.0	4.2	4.3	5.8	10.5	17.1	24.7	33.5	45.6	62.1
-47.5°	0.0	2.8	4.2	4.4	5.9	10.0	16.4	23.8	32.3	43.6	59.7
-50°	0.0	2.7	4.2	4.5	6.0	9.3	15.5	22.8	31.1	41.9	56.6
-52.5°	0.0	2.6	4.2	4.5	6.0	8.6	14.6	21.5	29.6	39.6	52.9
-55°	0.0	2.4	4.2	4.5	5.9	8.3	13.4	20.1	27.8	36.7	49.1
-57.5°	0.0	2.3	4.2	4.5	5.9	8.1	12.2	18.5	25.8	34.0	44.5
-60°	0.0	2.1	4.2	4.5	5.7	7.9	10.9	16.7	23.6	31.3	39.8
-62.5°	0.0	1.9	3.9	4.5	5.6	7.5	10.3	14.8	21.1	28.3	36.2
-65°	0.0	1.8	3.5	4.4	5.4	7.1	9.7	13.0	18.5	25.0	32.3
-67.5°	0.0	1.6	3.2	4.3	5.1	6.7	9.0	12.0	15.7	21.6	28.2
-70°	0.0	1.4	2.9	4.2	4.9	6.2	8.2	10.8	14.0	18.0	23.8
-72.5°	0.0	1.3	2.5	3.8	4.6	5.6	7.3	9.5	12.3	15.6	19.5
-75°	0.0	1.1	2.2	3.3	4.3	5.0	6.3	8.3	10.4	13.2	16.4
-77.5°	0.0	0.9	1.8	2.7	3.6	4.4	5.4	7.2	9.0	10.9	13.2
-80°	0.0	0.7	1.5	2.2	2.9	3.6	4.3	6.0	7.7	9.4	11.1
-82.5°	0.0	0.5	1.1	1.6	2.2	2.7	3.3	4.7	6.3	7.9	9.4
-85°	0.0	0.4	0.7	1.1	1.5	1.8	2.2	3.1	4.3	5.6	7.1
-87.5°	0.0	0.2	0.4	0.5	0.7	0.9	1.1	1.6	2.2	2.8	3.5
-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	0.4	0.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0
67.5°	0.3	1.2	1.4	0.9	0.0	0.0	0.0	0.3	0.0	0.0	0.0
65°	2.1	2.7	2.1	1.1	0.1	1.0	1.4	1.1	0.1	0.0	0.0
62.5°	3.9	3.3	2.3	1.7	2.4	3.2	2.5	1.4	0.4	2.0	2.9
60°	4.2	3.5	2.9	3.3	4.3	3.8	2.8	4.1	6.2	7.7	9.4
57.5°	4.2	3.9	3.8	4.5	4.8	4.8	7.4	9.9	13.9	17.3	19.6
55°	4.3	4.2	4.8	5.7	7.1	10.0	13.7	19.3	23.9	30.8	36.7
52.5°	4.8	4.7	6.4	8.6	12.7	17.3	23.9	31.8	40.8	47.6	54.8
50°	5.4	7.0	9.0	14.4	20.0	27.3	38.0	49.7	57.3	64.9	75.1
47.5°	7.5	9.5	14.8	21.1	29.2	40.8	55.7	64.0	71.5	83.4	96.1
45°	10.1	14.3	20.8	29.5	40.7	57.0	68.7	75.5	88.4	102.3	116.8
42.5°	12.9	19.7	28.6	37.7	55.5	70.9	81.5	92.3	105.4	121.6	137.4
40°	17.5	25.1	37.1	51.5	69.6	84.6	97.8	110.3	123.2	144.3	161.0
37.5°	22.1	33.3	46.8	64.8	83.5	99.9	114.7	130.3	148.7	172.5	187.6
35°	26.6	41.7	58.3	77.4	97.2	115.9	133.6	151.9	175.7	198.3	216.3
32.5°	33.0	50.4	69.0	89.6	110.1	131.3	152.7	174.6	198.0	221.1	244.7
30°	41.0	59.6	79.2	101.3	122.0	146.4	171.3	194.4	218.0	242.3	269.0
27.5°	49.1	68.2	89.5	111.8	133.4	161.3	188.2	212.3	236.5	262.6	293.1
25°	56.5	76.9	99.1	121.1	146.5	176.4	205.8	233.7	254.2	284.0	319.6
22.5°	63.7	85.4	109.2	129.5	159.1	191.6	225.8	255.8	280.1	306.8	347.2
20°	70.7	94.1	118.7	141.5	171.8	206.7	247.3	278.3	308.4	342.7	384.0
17.5°	77.5	102.3	128.1	155.1	187.1	223.3	269.3	300.9	336.9	378.0	429.9
15°	83.8	109.8	137.6	167.8	200.9	239.9	284.3	323.7	366.8	414.1	475.5
12.5°	89.8	116.7	146.8	179.6	213.1	254.1	296.8	338.7	388.3	450.2	527.5
10°	95.2	123.0	155.8	190.4	223.7	266.2	307.9	351.5	403.8	471.8	560.3
7.5°	99.8	129.3	164.3	200.2	232.8	276.1	317.4	362.0	416.7	489.7	582.3
5°	103.6	135.9	172.2	206.5	240.3	284.7	325.4	370.3	427.1	503.6	598.1
2.5°	106.8	141.9	179.1	211.1	246.9	292.5	331.8	379.6	437.5	514.5	612.8
0°	109.3	147.2	185.0	214.5	252.3	298.6	336.4	386.9	445.8	521.5	626.6
-2.5°	114.4	151.6	188.5	218.5	258.1	299.6	339.5	387.9	448.9	527.0	629.2
-5°	118.7	155.1	191.1	221.5	262.4	299.5	340.7	387.1	450.0	530.1	633.7
-7.5°	122.0	157.8	192.8	223.9	264.8	300.9	342.6	390.1	453.3	532.9	639.7
-10°	124.2	159.8	194.2	226.9	265.3	302.3	343.4	390.7	452.7	531.1	636.5
-12.5°	125.3	160.9	194.9	228.5	265.2	302.1	342.4	388.9	448.1	524.4	623.5
-15°	125.6	161.4	194.8	228.7	264.6	300.4	339.7	384.5	439.8	513.2	603.1
-17.5°	125.2	161.1	194.0	227.3	263.6	296.9	335.5	378.6	431.3	499.9	586.5
-20°	124.2	160.2	192.5	224.3	262.2	293.7	331.3	372.9	422.5	484.7	562.1

Classified

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

Scaled Data Report



REPORT NUMBER: P627348 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA4B-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°	122.4	158.7	190.5	221.2	257.5	290.7	325.9	365.5	409.9	466.2	534.9
-25°	120.4	155.8	187.8	218.9	252.2	286.2	319.0	356.7	397.5	451.6	513.4
-27.5°	117.7	152.2	184.1	215.6	246.6	280.0	312.1	347.7	388.1	435.8	491.1
-30°	113.8	147.0	179.0	211.1	241.7	273.1	304.1	338.0	376.1	421.0	472.1
-32.5°	108.9	141.3	172.6	204.3	236.2	266.1	295.3	327.9	363.6	403.1	451.6
-35°	103.9	135.2	165.7	195.9	229.5	258.3	286.4	316.3	349.6	386.3	425.8
-37.5°	99.2	128.5	158.3	186.8	218.7	248.7	276.0	304.4	335.2	368.8	404.8
-40°	94.2	121.5	150.5	178.3	206.3	236.9	264.2	291.6	320.0	353.7	385.7
-42.5°	89.0	115.5	142.4	169.6	196.3	223.7	250.9	277.2	307.2	339.1	370.5
-45°	84.6	109.2	134.2	160.7	187.0	211.7	237.3	261.8	292.3	324.2	354.9
-47.5°	79.5	102.8	127.0	151.0	176.8	201.6	224.6	249.4	275.3	305.4	337.6
-50°	74.3	96.3	118.6	141.3	165.7	190.5	213.8	236.7	261.2	285.9	313.7
-52.5°	69.8	89.0	109.7	130.5	153.6	177.8	201.4	224.4	246.9	270.1	293.8
-55°	64.5	82.1	100.4	119.8	140.1	163.2	186.6	209.0	232.0	253.7	277.0
-57.5°	58.6	74.4	91.0	109.2	127.7	146.7	169.3	191.6	213.2	235.2	259.1
-60°	51.9	66.1	81.1	97.9	115.9	133.3	151.6	172.3	193.2	214.0	236.1
-62.5°	45.0	57.3	70.9	85.5	102.0	119.2	135.9	153.5	172.2	190.4	209.5
-65°	40.3	49.0	60.5	73.5	87.0	102.3	118.2	134.4	150.9	166.3	181.1
-67.5°	35.4	43.3	51.7	61.3	73.6	86.5	99.2	113.7	128.5	142.7	156.5
-70°	30.2	37.2	44.7	52.7	61.4	72.0	83.8	95.4	106.8	118.7	131.5
-72.5°	24.7	30.8	37.3	44.2	51.7	60.0	69.2	79.1	89.2	99.0	109.0
-75°	20.3	24.3	29.6	35.5	41.9	48.5	55.1	63.0	71.5	80.1	88.5
-77.5°	16.7	20.4	24.0	27.6	32.2	38.2	44.2	50.0	56.0	62.4	69.4
-80°	13.6	16.4	19.8	23.1	26.2	29.8	34.0	38.6	42.8	47.1	51.9
-82.5°	11.3	13.5	15.9	18.5	20.3	22.2	24.4	27.1	29.9	32.8	35.8
-85°	8.7	10.5	12.0	13.8	14.6	15.6	16.6	17.8	19.6	21.3	23.1
-87.5°	4.4	5.2	6.2	7.2	7.7	8.1	8.5	8.9	10.1	11.3	12.5
-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: P627348 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA4B-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	0.8	1.0	0.9	0.4	0.0	0.0
62.5°	2.5	2.0	3.2	4.3	4.8	4.6	4.3	3.8	3.3	3.0	3.4
60°	10.1	9.9	13.8	15.7	14.3	10.0	15.8	18.7	18.0	15.4	15.3
57.5°	24.7	30.0	33.8	35.5	41.1	50.1	51.8	48.8	47.8	48.7	56.3
55°	42.8	47.1	49.3	56.9	63.7	68.6	71.5	74.4	78.7	84.0	89.4
52.5°	60.5	66.4	70.9	77.7	85.8	88.6	87.9	98.3	106.4	111.6	113.7
50°	83.1	90.4	100.9	111.6	116.2	120.8	125.6	134.1	146.6	162.1	170.9
47.5°	107.4	119.0	130.0	142.2	148.4	153.2	160.3	175.2	192.9	209.6	218.3
45°	129.3	139.6	152.2	162.7	170.4	179.7	190.0	203.5	223.3	240.7	252.7
42.5°	146.9	158.5	171.4	184.2	192.0	204.6	220.2	238.5	259.3	277.4	290.8
40°	171.6	181.4	202.0	214.2	217.2	228.9	260.4	285.4	308.8	331.1	342.3
37.5°	201.4	220.6	242.0	253.0	263.8	284.5	326.6	366.9	396.9	427.1	443.6
35°	235.3	260.5	289.6	302.6	325.8	370.9	420.3	476.5	546.4	575.7	602.4
32.5°	268.2	296.4	323.2	352.4	393.1	446.9	502.6	593.7	678.8	744.6	792.8
30°	297.4	327.3	360.6	398.2	455.4	529.6	622.7	740.6	860.4	965.1	1053.6
27.5°	326.2	360.2	399.9	455.9	536.5	637.2	785.8	953.9	1154.1	1301.5	1477.6
25°	357.9	396.8	447.6	528.9	637.6	788.2	1025.7	1298.7	1626.9	1893.0	2171.5
22.5°	395.3	452.7	517.2	607.8	797.7	1045.9	1370.4	1836.9	2341.8	2808.5	3258.0
20°	440.6	519.0	622.5	789.3	1033.1	1400.0	1963.8	2708.5	3450.9	4241.6	5002.7
17.5°	505.0	618.2	779.0	1016.4	1337.8	2063.4	2978.1	4130.0	5609.8	6950.8	8121.7
15°	565.6	700.8	954.7	1309.6	1870.1	2831.8	4221.2	6122.3	8428.6	10530.4	12750.4
12.5°	629.1	788.8	1080.4	1532.3	2311.1	3563.1	5515.6	8120.5	11008.4	14176.1	17784.3
10°	679.5	873.3	1222.4	1795.4	2755.5	4314.5	6640.3	9799.5	13637.0	18325.0	24093.0
7.5°	713.5	941.0	1339.8	1988.0	3164.6	5083.0	7882.8	11680.0	16477.5	22688.2	30759.1
5°	740.0	992.7	1428.0	2163.7	3510.6	5669.7	8803.3	13326.8	19002.0	27323.2	41001.1
2.5°	761.3	1032.3	1482.6	2284.6	3727.8	6078.2	9420.9	14258.4	20504.8	30750.1	48495.3
0°	778.0	1068.2	1518.2	2359.3	3894.3	6118.9	9613.7	14428.9	21044.1	31368.5	50108.1
-2.5°	785.1	1087.3	1530.4	2375.6	3877.6	6189.1	9672.5	14565.1	21023.8	31029.6	48306.8
-5°	796.9	1087.0	1521.2	2358.9	3790.7	6007.8	9288.4	13803.0	19755.5	28360.9	42515.8
-7.5°	805.4	1069.7	1477.1	2252.0	3563.1	5615.8	8613.4	12540.3	17447.1	23980.9	32747.5
-10°	797.6	1036.4	1403.7	2072.7	3209.3	4987.0	7587.0	10873.5	14951.5	19793.6	25749.8
-12.5°	767.6	975.0	1283.9	1821.6	2751.1	4282.6	6554.4	9352.6	12370.9	15771.5	19887.3
-15°	729.7	908.8	1176.0	1649.3	2411.4	3584.6	5243.0	7513.1	9934.3	12516.2	15269.6
-17.5°	700.1	850.6	1071.9	1414.5	1975.1	2907.9	4211.2	5823.8	7603.1	9568.8	11200.4
-20°	660.1	779.1	964.8	1244.6	1672.3	2290.3	3239.5	4411.1	5585.2	6967.3	8094.4

Classified

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

Scaled Data Report



REPORT NUMBER: P627348 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA4B-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°	620.0	723.7	865.0	1069.8	1388.0	1854.9	2441.4	3223.6	4082.2	4875.6	5656.5
-25°	582.9	662.7	777.0	945.0	1160.8	1479.5	1896.9	2345.6	2911.6	3394.5	3930.4
-27.5°	552.8	621.3	705.7	828.8	996.3	1201.3	1500.2	1800.8	2098.5	2342.2	2711.2
-30°	523.7	578.9	649.4	737.3	862.8	1020.7	1214.8	1409.8	1581.6	1738.3	1930.4
-32.5°	495.1	540.0	594.1	667.0	757.2	875.9	995.1	1134.9	1254.3	1364.5	1466.5
-35°	466.5	506.5	547.7	609.2	681.0	765.4	852.1	946.8	1029.5	1103.6	1169.3
-37.5°	440.7	475.8	514.5	560.3	618.2	681.7	752.5	821.3	875.8	924.0	963.8
-40°	418.9	450.8	484.0	520.6	564.7	614.8	674.9	732.3	770.5	799.9	824.0
-42.5°	399.4	427.5	455.8	486.9	520.7	564.1	611.6	658.9	684.8	707.6	725.1
-45°	383.8	405.3	429.1	455.7	485.6	522.0	559.3	592.0	615.1	634.7	649.2
-47.5°	363.1	383.9	404.5	426.4	454.3	484.6	515.4	540.6	560.7	577.8	588.9
-50°	340.3	362.2	381.1	400.3	426.1	451.7	476.5	497.3	516.6	533.3	542.0
-52.5°	316.8	340.3	360.1	378.9	400.4	422.8	445.2	463.0	479.8	495.6	502.3
-55°	299.9	321.4	341.9	359.6	377.4	395.3	413.6	432.0	448.7	463.6	468.1
-57.5°	281.5	303.5	323.7	339.6	355.7	371.8	388.6	405.2	421.3	435.6	439.3
-60°	259.1	283.0	301.0	316.0	331.6	347.6	362.1	377.0	391.9	404.4	408.4
-62.5°	230.7	252.5	270.2	286.0	301.1	315.0	329.1	343.0	356.5	366.3	369.6
-65°	196.7	215.2	233.4	249.9	264.8	278.2	291.3	304.0	316.2	324.9	329.2
-67.5°	169.8	183.1	197.8	212.1	227.0	240.7	252.5	263.7	274.1	281.5	286.2
-70°	143.9	156.6	170.3	183.9	196.9	208.1	217.5	226.7	235.6	242.1	247.0
-72.5°	119.1	129.9	141.3	153.3	165.1	175.3	183.9	192.1	199.8	205.4	209.9
-75°	96.7	105.6	115.3	124.9	134.6	142.6	149.8	156.9	163.7	168.6	172.8
-77.5°	76.8	84.2	91.8	99.4	107.0	112.8	118.1	123.3	128.4	132.3	135.8
-80°	56.9	62.8	68.8	74.8	80.9	85.3	89.3	93.1	96.7	99.0	101.0
-82.5°	38.9	43.0	47.2	51.5	55.7	59.0	62.2	65.3	68.4	69.5	70.2
-85°	24.8	26.8	29.0	31.4	33.8	35.6	37.4	39.0	40.6	42.1	43.5
-87.5°	13.8	14.2	14.5	14.9	15.2	16.5	17.8	19.0	20.3	20.5	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: P627348 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA4B-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	0.9
62.5°	3.8	4.0	4.2	4.2	4.2	4.0	3.8	3.4	3.0	3.3	3.8
60°	14.4	12.8	12.5	12.6	12.5	12.8	14.4	15.3	15.4	18.0	18.7
57.5°	64.0	71.1	73.1	71.5	73.1	71.1	64.0	56.3	48.7	47.8	48.8
55°	93.1	95.3	96.4	96.7	96.4	95.3	93.1	89.4	84.0	78.7	74.4
52.5°	114.2	113.4	113.2	113.5	113.2	113.4	114.2	113.7	111.6	106.4	98.3
50°	171.6	168.4	167.2	168.2	167.2	168.4	171.6	170.9	162.1	146.6	134.1
47.5°	219.3	220.3	221.8	222.9	221.8	220.3	219.3	218.3	209.6	192.9	175.2
45°	256.1	258.3	259.9	260.7	259.9	258.3	256.1	252.7	240.7	223.3	203.5
42.5°	293.7	294.0	293.6	294.4	293.6	294.0	293.7	290.8	277.4	259.3	238.5
40°	346.8	347.9	346.7	344.8	346.7	347.9	346.8	342.3	331.1	308.8	285.4
37.5°	453.2	454.7	449.7	445.8	449.7	454.7	453.2	443.6	427.1	396.9	366.9
35°	626.8	644.7	653.3	656.1	653.3	644.7	626.8	602.4	575.7	546.4	476.5
32.5°	826.1	851.1	863.6	874.7	863.6	851.1	826.1	792.8	744.6	678.8	593.7
30°	1111.7	1157.8	1178.1	1207.0	1178.1	1157.8	1111.7	1053.6	965.1	860.4	740.6
27.5°	1577.6	1658.7	1703.5	1745.3	1703.5	1658.7	1577.6	1477.6	1301.5	1154.1	953.9
25°	2373.8	2530.0	2631.2	2678.9	2631.2	2530.0	2373.8	2171.5	1893.0	1626.9	1298.7
22.5°	3692.9	3980.9	4203.0	4247.5	4203.0	3980.9	3692.9	3258.0	2808.5	2341.8	1836.9
20°	5741.2	6153.2	6488.5	6657.2	6488.5	6153.2	5741.2	5002.7	4241.6	3450.9	2708.5
17.5°	9516.3	10373.3	10764.8	10829.1	10764.8	10373.3	9516.3	8121.7	6950.8	5609.8	4130.0
15°	15132.4	16582.6	17503.3	18096.1	17503.3	16582.6	15132.4	12750.4	10530.4	8428.6	6122.3
12.5°	21540.3	25661.1	28005.9	28899.9	28005.9	25661.1	21540.3	17784.3	14176.1	11008.4	8120.5
10°	30237.2	39938.2	45534.3	48350.2	45534.3	39938.2	30237.2	24093.0	18325.0	13637.0	9799.5
7.5°	44997.9	59981.3	76582.3	84262.7	76582.3	59981.3	44997.9	30759.1	22688.2	16477.5	11680.0
5°	60515.0	93412.5	122287.0	136113.9	122287.0	93412.5	60515.0	41001.1	27323.2	19002.0	13326.8
2.5°	78349.4	122714.8	163734.2	180982.0	163734.2	122714.8	78349.4	48495.3	30750.1	20504.8	14258.4
0°	85213.2	136891.9	181753.6	198682.8	181753.6	136891.9	85213.2	50108.1	31368.5	21044.1	14428.9
-2.5°	79410.4	124864.1	164439.0	183782.8	164439.0	124864.1	79410.4	48306.8	31029.6	21023.8	14565.1
-5°	63095.7	93927.3	123236.3	138998.9	123236.3	93927.3	63095.7	42515.8	28360.9	19755.5	13803.0
-7.5°	46308.3	63092.7	79369.9	85061.8	79369.9	63092.7	46308.3	32747.5	23980.9	17447.1	12540.3
-10°	32240.8	41852.1	48196.6	50007.1	48196.6	41852.1	32240.8	25749.8	19793.6	14951.5	10873.5
-12.5°	23903.3	28107.3	31032.3	31541.0	31032.3	28107.3	23903.3	19887.3	15771.5	12370.9	9352.6
-15°	17699.8	19837.6	21346.3	21447.8	21346.3	19837.6	17699.8	15269.6	12516.2	9934.3	7513.1
-17.5°	12938.7	14373.7	15135.0	15080.8	15135.0	14373.7	12938.7	11200.4	9568.8	7603.1	5823.8
-20°	9251.9	10116.9	10730.3	10610.4	10730.3	10116.9	9251.9	8094.4	6967.3	5585.2	4411.1



REPORT NUMBER: P627348 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA4B-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°	6451.0	7025.3	7384.8	7292.3	7384.8	7025.3	6451.0	5656.5	4875.6	4082.2	3223.6
-25°	4383.4	4696.2	4874.3	4844.7	4874.3	4696.2	4383.4	3930.4	3394.5	2911.6	2345.6
-27.5°	2987.0	3152.3	3207.4	3204.6	3207.4	3152.3	2987.0	2711.2	2342.2	2098.5	1800.8
-30°	2073.3	2184.3	2247.8	2207.9	2247.8	2184.3	2073.3	1930.4	1738.3	1581.6	1409.8
-32.5°	1545.3	1607.9	1644.1	1606.5	1644.1	1607.9	1545.3	1466.5	1364.5	1254.3	1134.9
-35°	1217.8	1249.5	1262.3	1240.6	1262.3	1249.5	1217.8	1169.3	1103.6	1029.5	946.8
-37.5°	992.8	1011.4	1017.7	1005.1	1017.7	1011.4	992.8	963.8	924.0	875.8	821.3
-40°	841.3	852.6	855.5	845.3	855.5	852.6	841.3	824.0	799.9	770.5	732.3
-42.5°	736.1	742.9	744.5	740.2	744.5	742.9	736.1	725.1	707.6	684.8	658.9
-45°	657.9	663.7	664.8	660.3	664.8	663.7	657.9	649.2	634.7	615.1	592.0
-47.5°	594.5	598.1	599.0	597.2	599.0	598.1	594.5	588.9	577.8	560.7	540.6
-50°	546.0	548.5	548.7	546.7	548.7	548.5	546.0	542.0	533.3	516.6	497.3
-52.5°	505.4	507.2	508.3	508.9	508.3	507.2	505.4	502.3	495.6	479.8	463.0
-55°	471.2	473.4	474.8	475.2	474.8	473.4	471.2	468.1	463.6	448.7	432.0
-57.5°	442.1	444.2	445.4	445.8	445.4	444.2	442.1	439.3	435.6	421.3	405.2
-60°	411.7	414.2	415.8	416.3	415.8	414.2	411.7	408.4	404.4	391.9	377.0
-62.5°	371.7	372.8	373.9	374.3	373.9	372.8	371.7	369.6	366.3	356.5	343.0
-65°	332.4	334.7	336.0	336.4	336.0	334.7	332.4	329.2	324.9	316.2	304.0
-67.5°	289.9	292.9	296.0	298.6	296.0	292.9	289.9	286.2	281.5	274.1	263.7
-70°	251.3	255.0	256.2	256.5	256.2	255.0	251.3	247.0	242.1	235.6	226.7
-72.5°	214.0	217.5	220.4	222.9	220.4	217.5	214.0	209.9	205.4	199.8	192.1
-75°	176.5	179.8	180.6	180.8	180.6	179.8	176.5	172.8	168.6	163.7	156.9
-77.5°	139.2	142.2	142.8	143.0	142.8	142.2	139.2	135.8	132.3	128.4	123.3
-80°	102.9	104.6	107.0	109.3	107.0	104.6	102.9	101.0	99.0	96.7	93.1
-82.5°	70.8	71.2	71.4	71.5	71.4	71.2	70.8	70.2	69.5	68.4	65.3
-85°	44.8	46.1	46.3	46.3	46.3	46.1	44.8	43.5	42.1	40.6	39.0
-87.5°	20.8	20.9	21.0	21.0	21.0	20.9	20.8	20.7	20.5	20.3	19.0
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



REPORT NUMBER: P627348 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA4B-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°	1.0	0.8	0.0	0.0	0.0	0.0	0.2	0.0	0.0	0.1	1.1
62.5°	4.3	4.6	4.8	4.3	3.2	2.0	2.5	2.9	2.0	0.4	1.4
60°	15.8	10.0	14.3	15.7	13.8	9.9	10.1	9.4	7.7	6.2	4.1
57.5°	51.8	50.1	41.1	35.5	33.8	30.0	24.7	19.6	17.3	13.9	9.9
55°	71.5	68.6	63.7	56.9	49.3	47.1	42.8	36.7	30.8	23.9	19.3
52.5°	87.9	88.6	85.8	77.7	70.9	66.4	60.5	54.8	47.6	40.8	31.8
50°	125.6	120.8	116.2	111.6	100.9	90.4	83.1	75.1	64.9	57.3	49.7
47.5°	160.3	153.2	148.4	142.2	130.0	119.0	107.4	96.1	83.4	71.5	64.0
45°	190.0	179.7	170.4	162.7	152.2	139.6	129.3	116.8	102.3	88.4	75.5
42.5°	220.2	204.6	192.0	184.2	171.4	158.5	146.9	137.4	121.6	105.4	92.3
40°	260.4	228.9	217.2	214.2	202.0	181.4	171.6	161.0	144.3	123.2	110.3
37.5°	326.6	284.5	263.8	253.0	242.0	220.6	201.4	187.6	172.5	148.7	130.3
35°	420.3	370.9	325.8	302.6	289.6	260.5	235.3	216.3	198.3	175.7	151.9
32.5°	502.6	446.9	393.1	352.4	323.2	296.4	268.2	244.7	221.1	198.0	174.6
30°	622.7	529.6	455.4	398.2	360.6	327.3	297.4	269.0	242.3	218.0	194.4
27.5°	785.8	637.2	536.5	455.9	399.9	360.2	326.2	293.1	262.6	236.5	212.3
25°	1025.7	788.2	637.6	528.9	447.6	396.8	357.9	319.6	284.0	254.2	233.7
22.5°	1370.4	1045.9	797.7	607.8	517.2	452.7	395.3	347.2	306.8	280.1	255.8
20°	1963.8	1400.0	1033.1	789.3	622.5	519.0	440.6	384.0	342.7	308.4	278.3
17.5°	2978.1	2063.4	1337.8	1016.4	779.0	618.2	505.0	429.9	378.0	336.9	300.9
15°	4221.2	2831.8	1870.1	1309.6	954.7	700.8	565.6	475.5	414.1	366.8	323.7
12.5°	5515.6	3563.1	2311.1	1532.3	1080.4	788.8	629.1	527.5	450.2	388.3	338.7
10°	6640.3	4314.5	2755.5	1795.4	1222.4	873.3	679.5	560.3	471.8	403.8	351.5
7.5°	7882.8	5083.0	3164.6	1988.0	1339.8	941.0	713.5	582.3	489.7	416.7	362.0
5°	8803.3	5669.7	3510.6	2163.7	1428.0	992.7	740.0	598.1	503.6	427.1	370.3
2.5°	9420.9	6078.2	3727.8	2284.6	1482.6	1032.3	761.3	612.8	514.5	437.5	379.6
0°	9613.7	6118.9	3894.3	2359.3	1518.2	1068.2	778.0	626.6	521.5	445.8	386.9
-2.5°	9672.5	6189.1	3877.6	2375.6	1530.4	1087.3	785.1	629.2	527.0	448.9	387.9
-5°	9288.4	6007.8	3790.7	2358.9	1521.2	1087.0	796.9	633.7	530.1	450.0	387.1
-7.5°	8613.4	5615.8	3563.1	2252.0	1477.1	1069.7	805.4	639.7	532.9	453.3	390.1
-10°	7587.0	4987.0	3209.3	2072.7	1403.7	1036.4	797.6	636.5	531.1	452.7	390.7
-12.5°	6554.4	4282.6	2751.1	1821.6	1283.9	975.0	767.6	623.5	524.4	448.1	388.9
-15°	5243.0	3584.6	2411.4	1649.3	1176.0	908.8	729.7	603.1	513.2	439.8	384.5
-17.5°	4211.2	2907.9	1975.1	1414.5	1071.9	850.6	700.1	586.5	499.9	431.3	378.6
-20°	3239.5	2290.3	1672.3	1244.6	964.8	779.1	660.1	562.1	484.7	422.5	372.9

Classified

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

Scaled Data Report



REPORT NUMBER: P627348 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA4B-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°	2441.4	1854.9	1388.0	1069.8	865.0	723.7	620.0	534.9	466.2	409.9	365.5
-25°	1896.9	1479.5	1160.8	945.0	777.0	662.7	582.9	513.4	451.6	397.5	356.7
-27.5°	1500.2	1201.3	996.3	828.8	705.7	621.3	552.8	491.1	435.8	388.1	347.7
-30°	1214.8	1020.7	862.8	737.3	649.4	578.9	523.7	472.1	421.0	376.1	338.0
-32.5°	995.1	875.9	757.2	667.0	594.1	540.0	495.1	451.6	403.1	363.6	327.9
-35°	852.1	765.4	681.0	609.2	547.7	506.5	466.5	425.8	386.3	349.6	316.3
-37.5°	752.5	681.7	618.2	560.3	514.5	475.8	440.7	404.8	368.8	335.2	304.4
-40°	674.9	614.8	564.7	520.6	484.0	450.8	418.9	385.7	353.7	320.0	291.6
-42.5°	611.6	564.1	520.7	486.9	455.8	427.5	399.4	370.5	339.1	307.2	277.2
-45°	559.3	522.0	485.6	455.7	429.1	405.3	383.8	354.9	324.2	292.3	261.8
-47.5°	515.4	484.6	454.3	426.4	404.5	383.9	363.1	337.6	305.4	275.3	249.4
-50°	476.5	451.7	426.1	400.3	381.1	362.2	340.3	313.7	285.9	261.2	236.7
-52.5°	445.2	422.8	400.4	378.9	360.1	340.3	316.8	293.8	270.1	246.9	224.4
-55°	413.6	395.3	377.4	359.6	341.9	321.4	299.9	277.0	253.7	232.0	209.0
-57.5°	388.6	371.8	355.7	339.6	323.7	303.5	281.5	259.1	235.2	213.2	191.6
-60°	362.1	347.6	331.6	316.0	301.0	283.0	259.1	236.1	214.0	193.2	172.3
-62.5°	329.1	315.0	301.1	286.0	270.2	252.5	230.7	209.5	190.4	172.2	153.5
-65°	291.3	278.2	264.8	249.9	233.4	215.2	196.7	181.1	166.3	150.9	134.4
-67.5°	252.5	240.7	227.0	212.1	197.8	183.1	169.8	156.5	142.7	128.5	113.7
-70°	217.5	208.1	196.9	183.9	170.3	156.6	143.9	131.5	118.7	106.8	95.4
-72.5°	183.9	175.3	165.1	153.3	141.3	129.9	119.1	109.0	99.0	89.2	79.1
-75°	149.8	142.6	134.6	124.9	115.3	105.6	96.7	88.5	80.1	71.5	63.0
-77.5°	118.1	112.8	107.0	99.4	91.8	84.2	76.8	69.4	62.4	56.0	50.0
-80°	89.3	85.3	80.9	74.8	68.8	62.8	56.9	51.9	47.1	42.8	38.6
-82.5°	62.2	59.0	55.7	51.5	47.2	43.0	38.9	35.8	32.8	29.9	27.1
-85°	37.4	35.6	33.8	31.4	29.0	26.8	24.8	23.1	21.3	19.6	17.8
-87.5°	17.8	16.5	15.2	14.9	14.5	14.2	13.8	12.5	11.3	10.1	8.9
-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: P627348 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA4B-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	0.9	0.9	0.3
70°	0.0	0.0	0.0	0.4	0.4	0.0	0.0	0.6	1.6	1.8	1.3
67.5°	0.0	0.0	0.0	0.9	1.4	1.2	0.3	0.7	1.7	2.7	2.4
65°	1.4	1.0	0.1	1.1	2.1	2.7	2.1	1.3	1.9	2.8	3.5
62.5°	2.5	3.2	2.4	1.7	2.3	3.3	3.9	2.6	2.2	3.0	3.9
60°	2.8	3.8	4.3	3.3	2.9	3.5	4.2	3.8	3.0	3.2	4.1
57.5°	7.4	4.8	4.8	4.5	3.8	3.9	4.2	4.2	3.7	3.5	4.2
55°	13.7	10.0	7.1	5.7	4.8	4.2	4.3	4.2	4.2	3.9	4.2
52.5°	23.9	17.3	12.7	8.6	6.4	4.7	4.8	4.2	4.2	4.1	4.2
50°	38.0	27.3	20.0	14.4	9.0	7.0	5.4	4.9	4.2	4.2	4.2
47.5°	55.7	40.8	29.2	21.1	14.8	9.5	7.5	5.8	4.2	4.2	4.2
45°	68.7	57.0	40.7	29.5	20.8	14.3	10.1	6.9	5.2	4.3	4.2
42.5°	81.5	70.9	55.5	37.7	28.6	19.7	12.9	9.3	6.4	4.6	4.4
40°	97.8	84.6	69.6	51.5	37.1	25.1	17.5	12.0	7.7	5.3	4.7
37.5°	114.7	99.9	83.5	64.8	46.8	33.3	22.1	14.8	9.7	6.8	5.1
35°	133.6	115.9	97.2	77.4	58.3	41.7	26.6	18.1	12.4	8.4	5.6
32.5°	152.7	131.3	110.1	89.6	69.0	50.4	33.0	22.4	14.9	10.0	6.2
30°	171.3	146.4	122.0	101.3	79.2	59.6	41.0	27.2	17.4	11.7	7.0
27.5°	188.2	161.3	133.4	111.8	89.5	68.2	49.1	32.3	19.8	13.5	8.3
25°	205.8	176.4	146.5	121.1	99.1	76.9	56.5	37.7	23.3	15.5	9.7
22.5°	225.8	191.6	159.1	129.5	109.2	85.4	63.7	44.2	27.5	17.4	11.0
20°	247.3	206.7	171.8	141.5	118.7	94.1	70.7	50.1	31.8	19.2	12.4
17.5°	269.3	223.3	187.1	155.1	128.1	102.3	77.5	55.5	36.2	20.9	13.7
15°	284.3	239.9	200.9	167.8	137.6	109.8	83.8	60.4	40.4	22.5	15.0
12.5°	296.8	254.1	213.1	179.6	146.8	116.7	89.8	64.8	44.6	24.6	16.3
10°	307.9	266.2	223.7	190.4	155.8	123.0	95.2	68.7	48.5	27.3	17.4
7.5°	317.4	276.1	232.8	200.2	164.3	129.3	99.8	72.1	51.8	30.1	18.5
5°	325.4	284.7	240.3	206.5	172.2	135.9	103.6	75.1	54.6	32.8	19.4
2.5°	331.8	292.5	246.9	211.1	179.1	141.9	106.8	77.7	57.0	35.4	20.3
0°	336.4	298.6	252.3	214.5	185.0	147.2	109.3	79.9	58.9	37.8	21.0
-2.5°	339.5	299.6	258.1	218.5	188.5	151.6	114.4	82.6	60.5	40.0	22.3
-5°	340.7	299.5	262.4	221.5	191.1	155.1	118.7	84.8	61.7	41.8	23.4
-7.5°	342.6	300.9	264.8	223.9	192.8	157.8	122.0	86.5	62.6	43.3	24.4
-10°	343.4	302.3	265.3	226.9	194.2	159.8	124.2	87.5	63.3	44.5	25.3
-12.5°	342.4	302.1	265.2	228.5	194.9	160.9	125.3	89.2	63.9	45.2	26.1
-15°	339.7	300.4	264.6	228.7	194.8	161.4	125.6	90.7	65.2	45.3	26.8
-17.5°	335.5	296.9	263.6	227.3	194.0	161.1	125.2	91.4	65.8	45.0	27.4
-20°	331.3	293.7	262.2	224.3	192.5	160.2	124.2	91.2	65.8	44.3	28.0

Classified

Cooper Lighting Solutions Photometric Lab
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Scaled Data Report



REPORT NUMBER: P627348 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA4B-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°	325.9	290.7	257.5	221.2	190.5	158.7	122.4	90.2	65.1	43.3	28.3
-25°	319.0	286.2	252.2	218.9	187.8	155.8	120.4	88.2	63.6	42.0	28.5
-27.5°	312.1	280.0	246.6	215.6	184.1	152.2	117.7	86.3	61.4	40.3	28.4
-30°	304.1	273.1	241.7	211.1	179.0	147.0	113.8	83.4	59.1	39.5	28.0
-32.5°	295.3	266.1	236.2	204.3	172.6	141.3	108.9	79.5	56.5	39.0	27.7
-35°	286.4	258.3	229.5	195.9	165.7	135.2	103.9	74.4	53.5	38.2	27.3
-37.5°	276.0	248.7	218.7	186.8	158.3	128.5	99.2	71.6	50.2	37.0	26.8
-40°	264.2	236.9	206.3	178.3	150.5	121.5	94.2	68.9	48.0	35.6	26.2
-42.5°	250.9	223.7	196.3	169.6	142.4	115.5	89.0	65.7	47.0	34.5	25.4
-45°	237.3	211.7	187.0	160.7	134.2	109.2	84.6	62.1	45.6	33.5	24.7
-47.5°	224.6	201.6	176.8	151.0	127.0	102.8	79.5	59.7	43.6	32.3	23.8
-50°	213.8	190.5	165.7	141.3	118.6	96.3	74.3	56.6	41.9	31.1	22.8
-52.5°	201.4	177.8	153.6	130.5	109.7	89.0	69.8	52.9	39.6	29.6	21.5
-55°	186.6	163.2	140.1	119.8	100.4	82.1	64.5	49.1	36.7	27.8	20.1
-57.5°	169.3	146.7	127.7	109.2	91.0	74.4	58.6	44.5	34.0	25.8	18.5
-60°	151.6	133.3	115.9	97.9	81.1	66.1	51.9	39.8	31.3	23.6	16.7
-62.5°	135.9	119.2	102.0	85.5	70.9	57.3	45.0	36.2	28.3	21.1	14.8
-65°	118.2	102.3	87.0	73.5	60.5	49.0	40.3	32.3	25.0	18.5	13.0
-67.5°	99.2	86.5	73.6	61.3	51.7	43.3	35.4	28.2	21.6	15.7	12.0
-70°	83.8	72.0	61.4	52.7	44.7	37.2	30.2	23.8	18.0	14.0	10.8
-72.5°	69.2	60.0	51.7	44.2	37.3	30.8	24.7	19.5	15.6	12.3	9.5
-75°	55.1	48.5	41.9	35.5	29.6	24.3	20.3	16.4	13.2	10.4	8.3
-77.5°	44.2	38.2	32.2	27.6	24.0	20.4	16.7	13.2	10.9	9.0	7.2
-80°	34.0	29.8	26.2	23.1	19.8	16.4	13.6	11.1	9.4	7.7	6.0
-82.5°	24.4	22.2	20.3	18.5	15.9	13.5	11.3	9.4	7.9	6.3	4.7
-85°	16.6	15.6	14.6	13.8	12.0	10.5	8.7	7.1	5.6	4.3	3.1
-87.5°	8.5	8.1	7.7	7.2	6.2	5.2	4.4	3.5	2.8	2.2	1.6
-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-SA4B-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	0.3	0.1	0.0	0.1	0.6	0.0
72.5°	0.2	0.6	0.5	0.0	0.1	0.7	0.0
70°	0.5	0.9	0.9	0.1	0.2	0.8	0.0
67.5°	1.5	1.3	1.3	0.5	0.2	0.9	0.0
65°	2.4	1.8	1.7	0.9	0.3	1.0	0.0
62.5°	3.3	2.4	2.2	1.3	0.4	1.1	0.0
60°	4.1	2.9	2.6	1.8	0.6	1.2	0.0
57.5°	4.2	3.4	3.0	2.2	0.9	1.3	0.0
55°	4.2	3.9	3.2	2.7	1.3	1.4	0.0
52.5°	4.2	4.2	3.5	3.1	1.6	1.5	0.0
50°	4.2	4.2	3.7	3.6	1.9	1.7	0.0
47.5°	4.2	4.2	3.9	4.0	2.2	1.8	0.0
45°	4.2	4.2	4.0	4.1	2.5	1.9	0.0
42.5°	4.2	4.2	4.2	4.2	2.7	2.0	0.0
40°	4.2	4.2	4.2	4.2	2.9	2.2	0.0
37.5°	4.2	4.2	4.2	4.2	3.1	2.3	0.0
35°	4.2	4.2	4.2	4.2	3.3	2.5	0.0
32.5°	4.3	4.2	4.2	4.2	3.5	2.6	0.0
30°	4.8	4.2	4.2	4.2	3.6	2.7	0.0
27.5°	5.2	4.2	4.2	4.2	3.8	2.9	0.0
25°	5.7	4.2	4.2	4.2	3.9	3.0	0.0
22.5°	6.3	4.3	4.2	4.2	4.0	3.1	0.0
20°	6.8	4.6	4.2	4.2	4.0	3.3	0.0
17.5°	7.5	5.0	4.2	4.2	4.1	3.4	0.0
15°	8.4	5.4	4.2	4.2	4.1	3.5	0.0
12.5°	9.2	5.9	4.2	4.2	4.2	3.7	0.0
10°	10.0	6.4	4.2	4.2	4.2	3.8	0.0
7.5°	10.7	6.9	4.2	4.2	4.2	3.9	0.0
5°	11.4	7.4	4.2	4.2	4.2	4.0	0.0
2.5°	12.0	7.9	4.2	4.2	4.2	4.1	0.0
0°	12.6	8.4	4.2	4.2	4.2	4.2	0.0
-2.5°	13.7	8.8	4.6	4.2	4.2	4.2	0.0
-5°	14.7	9.2	4.9	4.2	4.2	4.2	0.0
-7.5°	15.7	9.6	5.3	4.2	4.2	4.2	0.0
-10°	16.5	9.9	5.6	4.2	4.2	4.1	0.0
-12.5°	17.2	10.2	5.9	4.2	4.2	4.1	0.0
-15°	17.7	10.4	6.1	4.2	4.2	4.1	0.0
-17.5°	18.0	10.6	6.3	4.2	4.2	4.0	0.0
-20°	18.3	10.8	6.4	4.2	4.2	3.9	0.0

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CATALOG NUMBER: GFLD-SA4B-740-U-NR-VSR-XX

CANDELA DISTRIBUTION (continued):

	75°	77.5°	80°	82.5°	85°	87.5°	90°
-22.5°	18.5	10.9	6.4	4.2	4.2	3.9	0.0
-25°	18.6	11.1	6.4	4.2	4.2	3.8	0.0
-27.5°	18.6	11.4	6.3	4.2	4.2	3.7	0.0
-30°	18.5	11.6	6.2	4.2	4.2	3.6	0.0
-32.5°	18.3	11.7	6.2	4.2	4.2	3.5	0.0
-35°	18.3	11.7	6.1	4.2	4.2	3.4	0.0
-37.5°	18.2	11.5	5.9	4.2	4.2	3.3	0.0
-40°	18.0	11.3	5.7	4.2	4.2	3.2	0.0
-42.5°	17.6	11.0	5.7	4.2	4.2	3.1	0.0
-45°	17.1	10.5	5.8	4.3	4.2	3.0	0.0
-47.5°	16.4	10.0	5.9	4.4	4.2	2.8	0.0
-50°	15.5	9.3	6.0	4.5	4.2	2.7	0.0
-52.5°	14.6	8.6	6.0	4.5	4.2	2.6	0.0
-55°	13.4	8.3	5.9	4.5	4.2	2.4	0.0
-57.5°	12.2	8.1	5.9	4.5	4.2	2.3	0.0
-60°	10.9	7.9	5.7	4.5	4.2	2.1	0.0
-62.5°	10.3	7.5	5.6	4.5	3.9	1.9	0.0
-65°	9.7	7.1	5.4	4.4	3.5	1.8	0.0
-67.5°	9.0	6.7	5.1	4.3	3.2	1.6	0.0
-70°	8.2	6.2	4.9	4.2	2.9	1.4	0.0
-72.5°	7.3	5.6	4.6	3.8	2.5	1.3	0.0
-75°	6.3	5.0	4.3	3.3	2.2	1.1	0.0
-77.5°	5.4	4.4	3.6	2.7	1.8	0.9	0.0
-80°	4.3	3.6	2.9	2.2	1.5	0.7	0.0
-82.5°	3.3	2.7	2.2	1.6	1.1	0.5	0.0
-85°	2.2	1.8	1.5	1.1	0.7	0.4	0.0
-87.5°	1.1	0.9	0.7	0.5	0.4	0.2	0.0
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0

(END OF REPORT)