

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: P626571 (CONVERTED FROM TYPE C PHOTOMETRY)

Luminaire Tested: **GFLD-SA1A-740-U-VWR-XX**

Issue Date: 12/7/2022

Test Information

Test Method: LM-79-08
Report Number: P626571 (CONVERTED FROM TYPE C PHOTOMETRY)
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G2-2210-813-17)
Test Lab: COOPER LIGHTING SOLUTIONS
Issue Date: 12/7/2022
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: MCGRAW-EDISON
Catalog Number: GFLD-SA1A-740-U-VWR-XX
Description: GALLEON FLOOD, ONE LIGHT SQAURE, VERY WIDE SYMMETRICAL ROUND N27
Light Source: (16) 4000K CCT, 70 CRI LEDS
Ballast/Driver: -

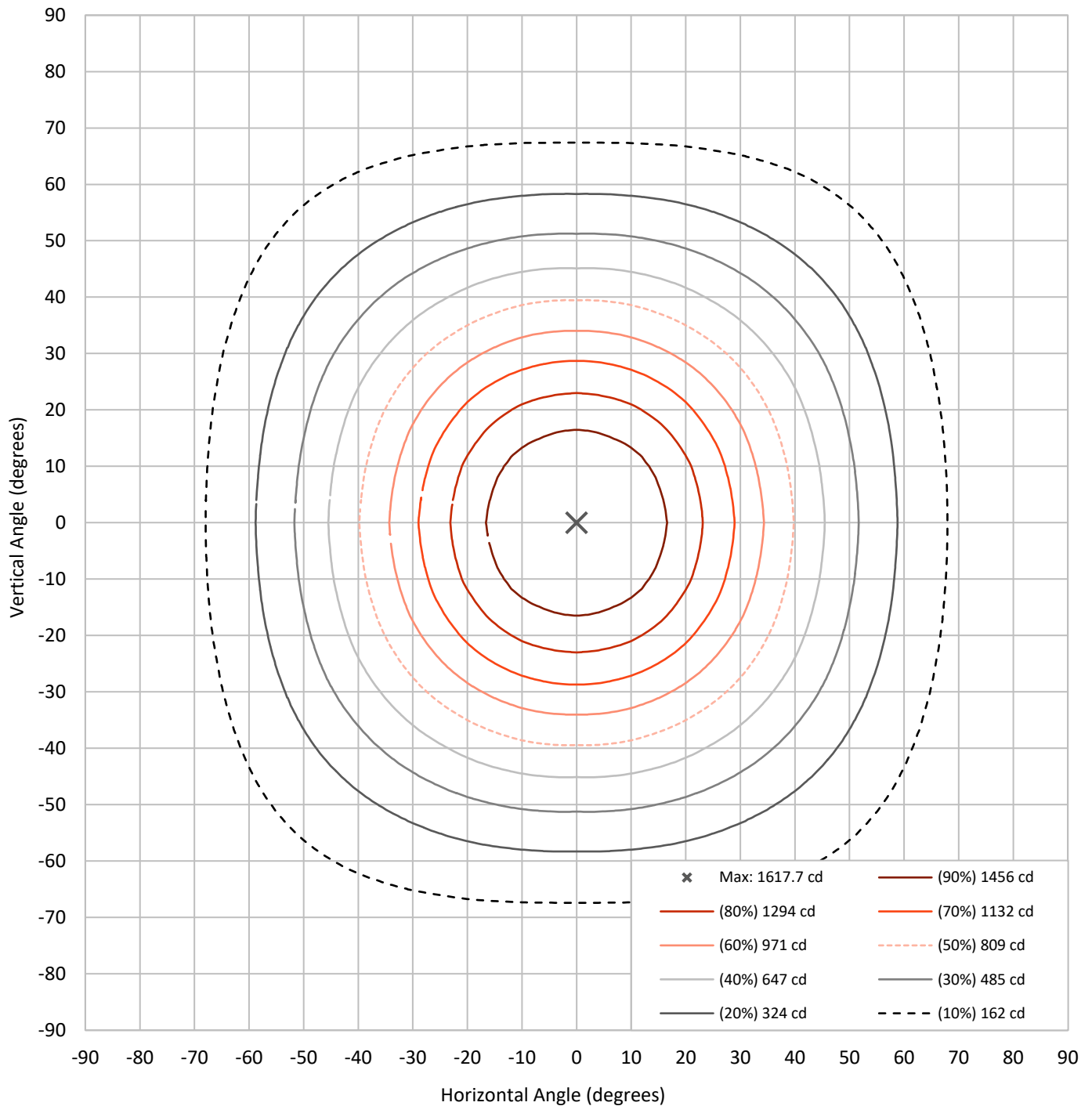
Summary

Lumens per Lamp:	N/A	NEMA Type:	7H x 7V
Luminaire Lumens:	2923.8 lumens	Max Intensity:	1617.7 candela
Efficiency:	N/A	Max Intensity Angle:	0°H x 0°V
Efficacy:	161.5 lumens/watt		
Luminous Opening:	Rectangular (W 0.5' x L: 0.5' x H: 0')		
Beam Angle (50%):	79.6°H x 78.9°V	Field Angle (10%):	135.9°H x 134.8°V
Beam Lumens:	1714.8 lumens	Field Lumens:	2787.3 lumens
Beam Efficiency:	58.7%	Field Efficiency:	95.3%
Input Watts (W):	18.1		
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





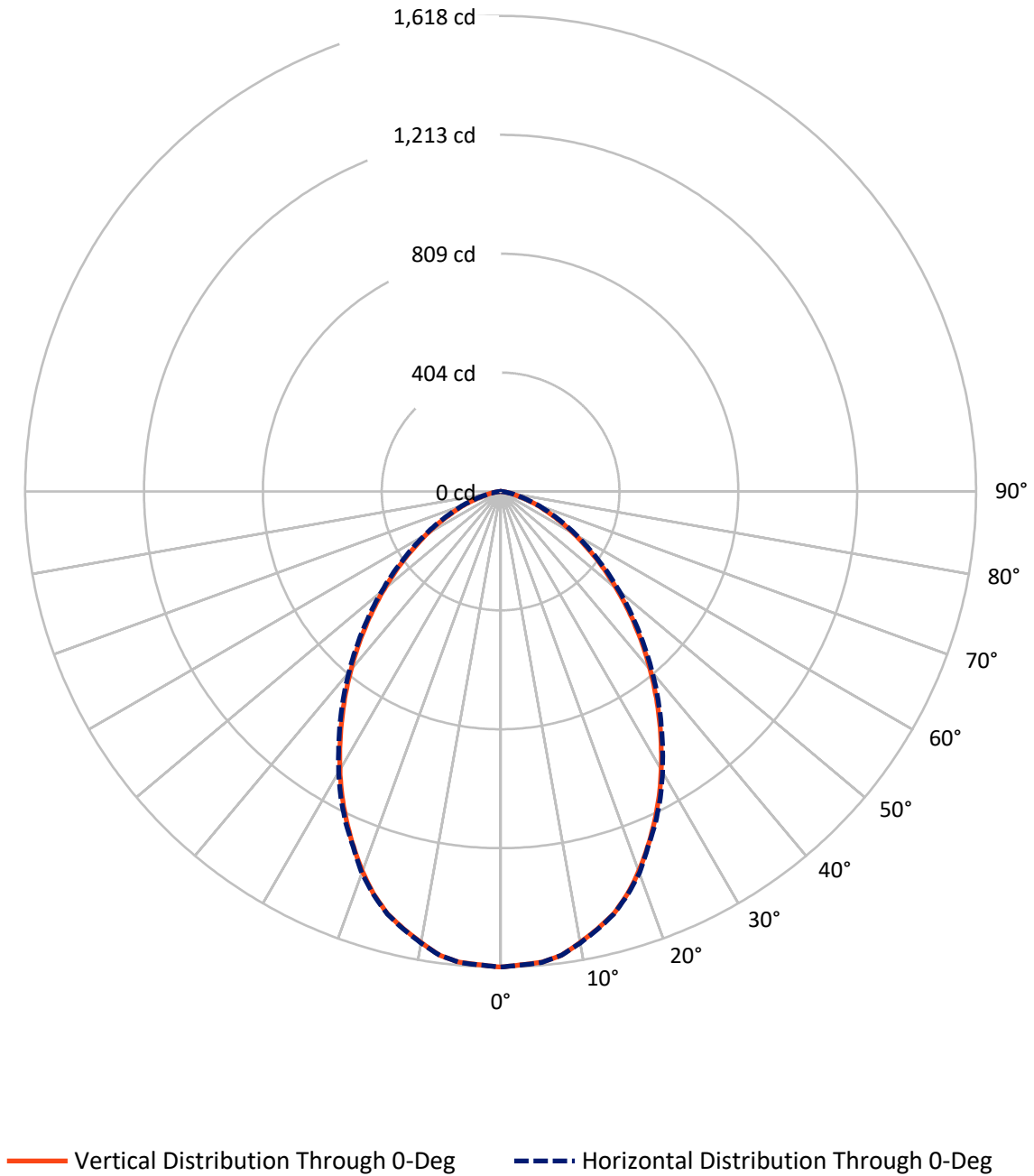
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Lumen Table

90																			
80	0.1	1.2		3.3		5.5		5.2		5.5		3.3		1.2		0.1			
70																			
60	0.5	0.8	1.5	2.6	3.8	4.9	5.7	6.1	6.1	5.7	4.9	3.8	2.6	1.5	0.8	0.5			
50		1.1	2.5	4.4	6.6	9.0	11.0	12.0	12.0	11.0	9.0	6.6	4.4	2.5	1.1				
40	1.0	1.5	3.6	6.6	10.4	14.4	17.8	19.6	19.6	17.8	14.4	10.4	6.6	3.6	1.5	1.0			
30		1.9	4.7	9.0	14.6	20.4	25.4	28.3	28.3	25.4	20.4	14.6	9.0	4.7	1.9				
20	1.2	2.3	5.8	11.4	18.5	26.3	33.1	37.0	37.0	33.1	26.3	18.5	11.4	5.8	2.3	1.2			
10		2.6	6.6	13.1	21.6	31.1	39.4	44.2	44.2	39.4	31.1	21.6	13.1	6.6	2.6				
0	1.3	2.7	7.1	14.1	23.4	33.7	42.9	47.9	47.9	42.9	33.7	23.4	14.1	7.1	2.7	1.3			
-10		2.7	7.1	14.1	23.4	33.7	42.9	47.9	47.9	42.9	33.7	23.4	14.1	7.1	2.7				
-20	1.2	2.6	6.6	13.1	21.6	31.1	39.4	44.2	44.2	39.4	31.1	21.6	13.1	6.6	2.6	1.2			
-30		2.3	5.8	11.4	18.5	26.3	33.1	37.0	37.0	33.1	26.3	18.5	11.4	5.8	2.3				
-40	1.0	1.9	4.7	9.0	14.6	20.4	25.4	28.3	28.3	25.4	20.4	14.6	9.0	4.7	1.9	1.0			
-50		1.5	3.6	6.6	10.4	14.4	17.8	19.6	19.6	17.8	14.4	10.4	6.6	3.6	1.5				
-60	0.5	1.1	2.5	4.4	6.6	9.0	11.0	12.0	12.0	11.0	9.0	6.6	4.4	2.5	1.1	0.5			
-70		0.8	1.5	2.6	3.8	4.9	5.7	6.1	6.1	5.7	4.9	3.8	2.6	1.5	0.8				
-80																			
-90	0.1	1.2		3.3		5.5		5.2		5.5		3.3		1.2		0.1			
	-90	-80	-70	-60	-50	-40	-30	-20	-10	0	10	20	30	40	50	60	70	80	90

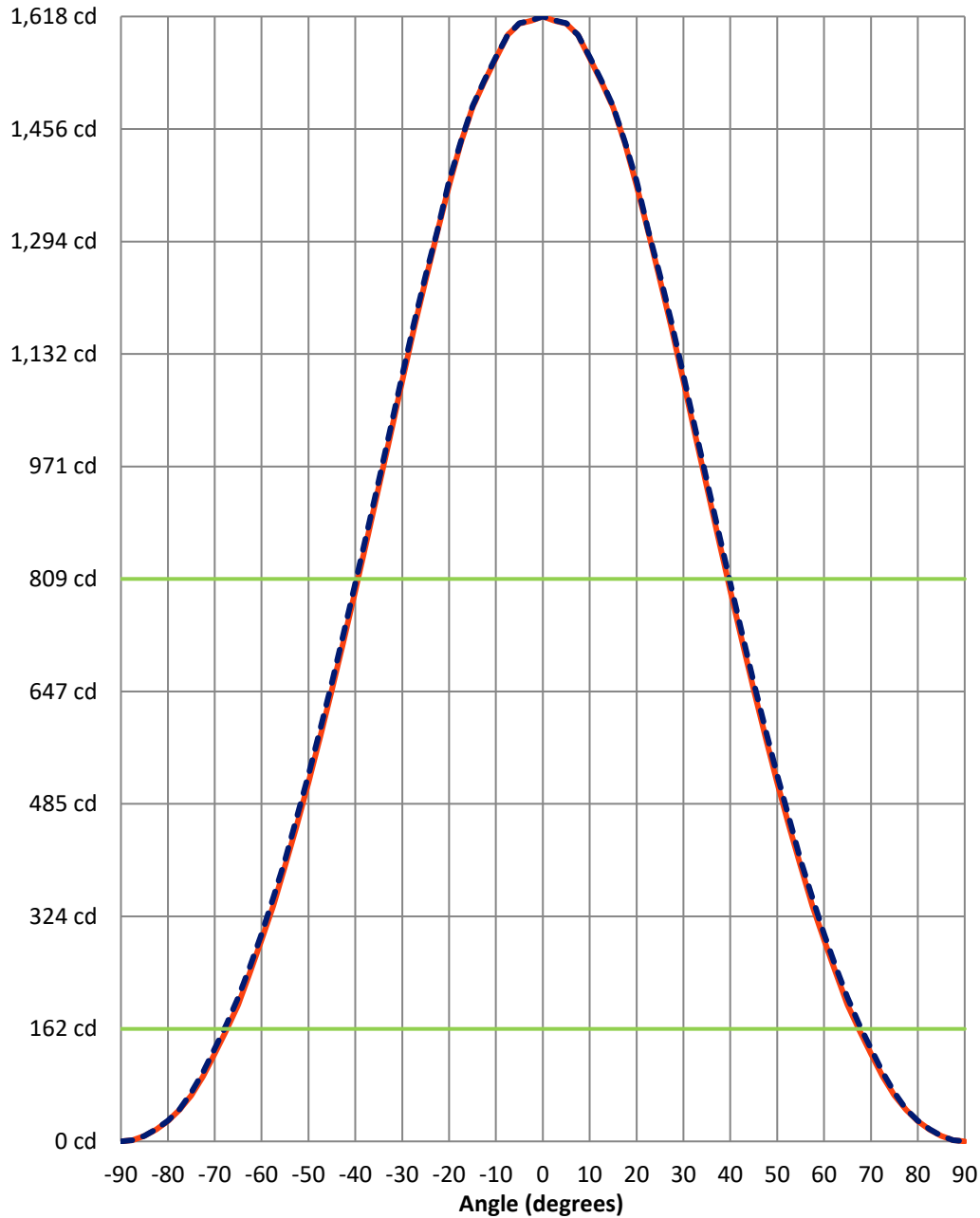
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Luminous Intensity Polar Plot



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Luminous Intensity Plot



Beam:
 H Angle: 79.6°
 V Angle: 78.9°
 Lumens: 1714.8
 Efficiency: 58.7%

Field:
 H Angle: 135.9°
 V Angle: 134.8°
 Lumens: 2787.3
 Efficiency: 95.3%

Spill:
 Lumens: 136.4
 Efficiency: 4.7%

— 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	0.2	0.3	0.4	0.5	0.6	0.7	0.8	0.9	1.0
85°	0.0	0.2	0.4	0.6	0.8	1.0	1.2	1.4	1.6	1.8	2.0
82.5°	0.0	0.3	0.6	0.9	1.2	1.6	1.9	2.2	2.7	4.3	5.8
80°	0.0	0.4	0.8	1.2	1.7	2.1	2.8	5.0	7.1	9.2	11.2
77.5°	0.0	0.5	1.0	1.6	2.1	3.3	6.1	8.9	11.6	14.1	17.2
75°	0.0	0.5	1.2	1.9	2.7	5.7	9.4	12.8	16.1	20.6	25.4
72.5°	0.0	0.6	1.4	2.2	4.3	8.0	12.6	17.0	22.1	27.6	33.4
70°	0.0	0.7	1.6	2.6	5.9	10.2	15.7	22.0	28.0	34.4	42.0
67.5°	0.0	0.8	1.8	3.6	7.4	12.4	19.5	26.8	33.8	41.9	50.5
65°	0.0	0.9	2.0	4.5	8.8	14.8	23.1	31.6	40.0	49.1	58.5
62.5°	0.0	1.0	2.2	5.4	10.2	17.4	26.5	36.5	46.0	56.1	65.7
60°	0.0	1.0	2.3	6.2	11.5	19.9	29.7	41.4	51.8	62.6	72.8
57.5°	0.0	1.1	2.8	7.0	13.2	22.2	33.1	46.0	57.5	68.9	79.5
55°	0.0	1.2	3.3	7.8	14.8	24.4	36.4	50.0	63.2	75.1	85.9
52.5°	0.0	1.2	3.7	8.4	16.3	26.5	39.3	54.1	68.7	80.7	92.2
50°	0.0	1.3	4.1	9.1	17.7	28.7	42.1	58.1	73.9	86.2	99.4
47.5°	0.0	1.4	4.5	9.7	19.0	30.7	44.6	61.7	78.6	91.5	106.4
45°	0.0	1.4	4.9	10.6	20.1	32.5	47.5	65.1	82.3	97.5	113.2
42.5°	0.0	1.5	5.3	11.3	21.1	34.1	50.1	68.2	85.8	103.3	121.1
40°	0.0	1.5	5.6	12.1	22.1	35.5	52.5	71.1	89.4	108.7	128.9
37.5°	0.0	1.6	6.0	12.9	23.1	36.7	54.6	73.8	93.6	113.9	136.1
35°	0.0	1.6	6.3	13.6	24.0	38.1	56.5	76.4	97.6	119.8	143.4
32.5°	0.0	1.7	6.5	14.2	24.7	39.4	58.2	78.9	101.5	125.4	151.1
30°	0.0	1.7	6.8	14.9	25.3	40.6	60.0	81.3	105.2	130.8	158.4
27.5°	0.0	1.7	7.0	15.4	26.2	41.6	61.7	84.2	109.1	136.0	165.1
25°	0.0	1.7	7.2	15.9	27.0	42.4	63.1	86.8	113.1	141.2	171.3
22.5°	0.0	1.8	7.4	16.3	27.7	43.2	64.3	89.2	116.8	146.1	177.9
20°	0.0	1.8	7.5	16.7	28.3	44.2	65.3	91.4	120.2	150.6	183.8
17.5°	0.0	1.8	7.7	17.0	28.8	45.1	66.6	93.3	123.2	154.5	189.0
15°	0.0	1.8	7.8	17.3	29.2	45.8	67.9	95.1	125.8	157.8	193.6
12.5°	0.0	1.8	7.9	17.5	29.6	46.3	68.9	96.8	128.1	160.6	197.3
10°	0.0	1.8	7.9	17.6	29.8	46.6	69.7	98.2	130.1	163.2	200.5
7.5°	0.0	1.8	8.0	17.7	29.9	46.8	70.3	99.1	131.7	165.3	203.3
5°	0.0	1.8	8.0	17.7	29.9	46.7	70.6	99.6	132.8	166.8	205.2
2.5°	0.0	1.8	7.9	17.7	29.9	46.5	70.6	99.7	133.4	167.7	206.4
0°	0.0	1.8	7.9	17.6	29.7	46.1	70.3	99.4	133.4	168.0	206.8
-2.5°	0.0	1.8	7.9	17.7	29.9	46.5	70.6	99.7	133.4	167.7	206.4
-5°	0.0	1.8	8.0	17.7	29.9	46.7	70.6	99.6	132.8	166.8	205.2
-7.5°	0.0	1.8	8.0	17.7	29.9	46.8	70.3	99.1	131.7	165.3	203.3
-10°	0.0	1.8	7.9	17.6	29.8	46.6	69.7	98.2	130.1	163.2	200.5
-12.5°	0.0	1.8	7.9	17.5	29.6	46.3	68.9	96.8	128.1	160.6	197.3
-15°	0.0	1.8	7.8	17.3	29.2	45.8	67.9	95.1	125.8	157.8	193.6
-17.5°	0.0	1.8	7.7	17.0	28.8	45.1	66.6	93.3	123.2	154.5	189.0
-20°	0.0	1.8	7.5	16.7	28.3	44.2	65.3	91.4	120.2	150.6	183.8

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Scaled Data Report



REPORT NUMBER: P626571 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA1A-740-U-VWR-XX

CANDELA DISTRIBUTION (continued):

	-90°	-87.5°	-85°	-82.5°	-80°	-77.5°	-75°	-72.5°	-70°	-67.5°	-65°
-22.5°	0.0	1.8	7.4	16.3	27.7	43.2	64.3	89.2	116.8	146.1	177.9
-25°	0.0	1.7	7.2	15.9	27.0	42.4	63.1	86.8	113.1	141.2	171.3
-27.5°	0.0	1.7	7.0	15.4	26.2	41.6	61.7	84.2	109.1	136.0	165.1
-30°	0.0	1.7	6.8	14.9	25.3	40.6	60.0	81.3	105.2	130.8	158.4
-32.5°	0.0	1.7	6.5	14.2	24.7	39.4	58.2	78.9	101.5	125.4	151.1
-35°	0.0	1.6	6.3	13.6	24.0	38.1	56.5	76.4	97.6	119.8	143.4
-37.5°	0.0	1.6	6.0	12.9	23.1	36.7	54.6	73.8	93.6	113.9	136.1
-40°	0.0	1.5	5.6	12.1	22.1	35.5	52.5	71.1	89.4	108.7	128.9
-42.5°	0.0	1.5	5.3	11.3	21.1	34.1	50.1	68.2	85.8	103.3	121.1
-45°	0.0	1.4	4.9	10.6	20.1	32.5	47.5	65.1	82.3	97.5	113.2
-47.5°	0.0	1.4	4.5	9.7	19.0	30.7	44.6	61.7	78.6	91.5	106.4
-50°	0.0	1.3	4.1	9.1	17.7	28.7	42.1	58.1	73.9	86.2	99.4
-52.5°	0.0	1.2	3.7	8.4	16.3	26.5	39.3	54.1	68.7	80.7	92.2
-55°	0.0	1.2	3.3	7.8	14.8	24.4	36.4	50.0	63.2	75.1	85.9
-57.5°	0.0	1.1	2.8	7.0	13.2	22.2	33.1	46.0	57.5	68.9	79.5
-60°	0.0	1.0	2.3	6.2	11.5	19.9	29.7	41.4	51.8	62.6	72.8
-62.5°	0.0	1.0	2.2	5.4	10.2	17.4	26.5	36.5	46.0	56.1	65.7
-65°	0.0	0.9	2.0	4.5	8.8	14.8	23.1	31.6	40.0	49.1	58.5
-67.5°	0.0	0.8	1.8	3.6	7.4	12.4	19.5	26.8	33.8	41.9	50.5
-70°	0.0	0.7	1.6	2.6	5.9	10.2	15.7	22.0	28.0	34.4	42.0
-72.5°	0.0	0.6	1.4	2.2	4.3	8.0	12.6	17.0	22.1	27.6	33.4
-75°	0.0	0.5	1.2	1.9	2.7	5.7	9.4	12.8	16.1	20.6	25.4
-77.5°	0.0	0.5	1.0	1.6	2.1	3.3	6.1	8.9	11.6	14.1	17.2
-80°	0.0	0.4	0.8	1.2	1.7	2.1	2.8	5.0	7.1	9.2	11.2
-82.5°	0.0	0.3	0.6	0.9	1.2	1.6	1.9	2.2	2.7	4.3	5.8
-85°	0.0	0.2	0.4	0.6	0.8	1.0	1.2	1.4	1.6	1.8	2.0
-87.5°	0.0	0.1	0.2	0.3	0.4	0.5	0.6	0.7	0.8	0.9	1.0
-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°	1.2	1.3	1.5	1.7	1.7	1.7	1.7	1.7	1.8	1.8	1.9
85°	2.3	2.7	3.8	4.8	5.3	5.6	5.7	5.7	6.6	7.7	8.9
82.5°	7.4	8.9	10.4	11.7	12.1	12.1	12.0	12.0	14.2	16.7	19.3
80°	13.2	15.1	17.7	19.9	20.9	21.4	21.6	21.5	24.3	28.0	31.9
77.5°	20.9	24.1	26.9	29.3	30.6	31.7	32.6	33.4	36.9	41.6	46.2
75°	29.6	33.2	36.7	39.8	41.9	43.5	45.0	47.4	52.1	57.5	62.2
72.5°	38.9	43.4	47.4	50.7	53.7	56.9	60.5	64.5	69.4	74.8	79.7
70°	48.8	53.8	57.9	61.9	66.0	70.9	76.3	81.6	87.0	93.0	98.8
67.5°	58.4	63.3	68.1	73.2	79.4	85.8	92.2	99.5	107.1	113.7	119.6
65°	66.9	72.5	78.6	85.5	93.1	101.3	109.8	118.6	128.2	136.1	143.4
62.5°	74.9	81.7	89.1	97.7	107.4	117.1	128.0	139.0	149.7	159.1	167.8
60°	82.3	90.5	99.9	110.4	121.7	134.7	147.1	159.6	171.3	181.9	192.9
57.5°	89.5	99.8	111.0	123.7	138.1	152.6	167.1	180.6	193.9	206.8	219.2
55°	97.1	109.6	122.9	138.5	154.7	171.8	187.4	202.5	217.1	232.9	247.8
52.5°	105.5	119.4	136.1	153.5	172.2	190.6	207.8	225.0	242.7	260.4	279.9
50°	113.5	130.9	149.3	169.5	189.7	209.4	229.1	248.9	270.0	291.8	313.9
47.5°	123.0	142.0	163.6	185.3	207.4	229.3	251.3	275.1	299.1	324.5	348.9
45°	132.6	153.9	177.2	201.8	225.6	249.9	275.6	301.9	330.2	358.0	387.3
42.5°	141.6	165.8	191.5	218.0	244.5	271.6	299.9	330.6	361.5	393.6	425.8
40°	151.7	177.0	205.4	234.6	263.4	293.4	325.7	359.0	393.9	429.2	464.3
37.5°	161.3	189.2	219.0	250.4	282.7	315.8	350.8	388.6	426.5	464.5	503.1
35°	170.4	200.7	233.0	266.3	300.6	338.2	377.4	417.8	458.8	499.9	541.4
32.5°	179.7	211.6	246.4	282.1	319.9	360.2	403.1	446.8	490.5	534.4	579.9
30°	189.0	223.0	259.3	296.9	338.3	382.2	428.4	474.7	520.9	569.1	617.6
27.5°	197.8	233.8	272.1	312.3	355.9	402.6	451.6	501.2	551.0	602.4	654.1
25°	205.9	244.1	283.9	327.1	373.3	422.2	473.3	525.0	579.7	634.6	688.6
22.5°	213.8	253.5	294.9	340.8	389.1	440.4	493.6	548.3	605.4	664.4	720.2
20°	221.4	262.4	305.5	353.1	403.2	456.8	512.1	569.3	629.3	689.8	749.9
17.5°	228.2	270.4	315.5	364.7	416.7	471.8	528.8	587.9	650.5	713.3	776.9
15°	234.0	277.4	324.0	374.7	428.6	485.5	544.2	605.0	669.3	734.6	800.7
12.5°	239.0	283.2	331.3	383.3	438.7	497.2	557.5	620.4	686.4	753.6	821.6
10°	243.1	288.0	337.1	390.3	447.0	506.8	568.4	633.1	701.1	769.7	839.2
7.5°	246.5	292.0	341.8	395.7	453.3	514.4	576.9	643.1	712.8	782.3	853.3
5°	249.0	295.3	346.1	400.2	458.9	520.3	583.4	650.1	721.3	791.3	863.6
2.5°	250.5	297.4	349.0	403.2	463.3	524.8	589.1	656.4	727.6	798.4	871.3
0°	251.0	298.3	350.5	404.4	465.7	526.9	592.4	659.7	730.6	802.8	876.1
-2.5°	250.5	297.4	349.0	403.2	463.3	524.8	589.1	656.4	727.6	798.4	871.3
-5°	249.0	295.3	346.1	400.2	458.9	520.3	583.4	650.1	721.3	791.3	863.6
-7.5°	246.5	292.0	341.8	395.7	453.3	514.4	576.9	643.1	712.8	782.3	853.3
-10°	243.1	288.0	337.1	390.3	447.0	506.8	568.4	633.1	701.1	769.7	839.2
-12.5°	239.0	283.2	331.3	383.3	438.7	497.2	557.5	620.4	686.4	753.6	821.6
-15°	234.0	277.4	324.0	374.7	428.6	485.5	544.2	605.0	669.3	734.6	800.7
-17.5°	228.2	270.4	315.5	364.7	416.7	471.8	528.8	587.9	650.5	713.3	776.9
-20°	221.4	262.4	305.5	353.1	403.2	456.8	512.1	569.3	629.3	689.8	749.9

Classified

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

Scaled Data Report



REPORT NUMBER: P626571 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA1A-740-U-VWR-XX

CANDELA DISTRIBUTION (continued):

	-62.5°	-60°	-57.5°	-55°	-52.5°	-50°	-47.5°	-45°	-42.5°	-40°	-37.5°
-22.5°	213.8	253.5	294.9	340.8	389.1	440.4	493.6	548.3	605.4	664.4	720.2
-25°	205.9	244.1	283.9	327.1	373.3	422.2	473.3	525.0	579.7	634.6	688.6
-27.5°	197.8	233.8	272.1	312.3	355.9	402.6	451.6	501.2	551.0	602.4	654.1
-30°	189.0	223.0	259.3	296.9	338.3	382.2	428.4	474.7	520.9	569.1	617.6
-32.5°	179.7	211.6	246.4	282.1	319.9	360.2	403.1	446.8	490.5	534.4	579.9
-35°	170.4	200.7	233.0	266.3	300.6	338.2	377.4	417.8	458.8	499.9	541.4
-37.5°	161.3	189.2	219.0	250.4	282.7	315.8	350.8	388.6	426.5	464.5	503.1
-40°	151.7	177.0	205.4	234.6	263.4	293.4	325.7	359.0	393.9	429.2	464.3
-42.5°	141.6	165.8	191.5	218.0	244.5	271.6	299.9	330.6	361.5	393.6	425.8
-45°	132.6	153.9	177.2	201.8	225.6	249.9	275.6	301.9	330.2	358.0	387.3
-47.5°	123.0	142.0	163.6	185.3	207.4	229.3	251.3	275.1	299.1	324.5	348.9
-50°	113.5	130.9	149.3	169.5	189.7	209.4	229.1	248.9	270.0	291.8	313.9
-52.5°	105.5	119.4	136.1	153.5	172.2	190.6	207.8	225.0	242.7	260.4	279.9
-55°	97.1	109.6	122.9	138.5	154.7	171.8	187.4	202.5	217.1	232.9	247.8
-57.5°	89.5	99.8	111.0	123.7	138.1	152.6	167.1	180.6	193.9	206.8	219.2
-60°	82.3	90.5	99.9	110.4	121.7	134.7	147.1	159.6	171.3	181.9	192.9
-62.5°	74.9	81.7	89.1	97.7	107.4	117.1	128.0	139.0	149.7	159.1	167.8
-65°	66.9	72.5	78.6	85.5	93.1	101.3	109.8	118.6	128.2	136.1	143.4
-67.5°	58.4	63.3	68.1	73.2	79.4	85.8	92.2	99.5	107.1	113.7	119.6
-70°	48.8	53.8	57.9	61.9	66.0	70.9	76.3	81.6	87.0	93.0	98.8
-72.5°	38.9	43.4	47.4	50.7	53.7	56.9	60.5	64.5	69.4	74.8	79.7
-75°	29.6	33.2	36.7	39.8	41.9	43.5	45.0	47.4	52.1	57.5	62.2
-77.5°	20.9	24.1	26.9	29.3	30.6	31.7	32.6	33.4	36.9	41.6	46.2
-80°	13.2	15.1	17.7	19.9	20.9	21.4	21.6	21.5	24.3	28.0	31.9
-82.5°	7.4	8.9	10.4	11.7	12.1	12.1	12.0	12.0	14.2	16.7	19.3
-85°	2.3	2.7	3.8	4.8	5.3	5.6	5.7	5.7	6.6	7.7	8.9
-87.5°	1.2	1.3	1.5	1.7	1.7	1.7	1.7	1.7	1.8	1.8	1.9
-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: P626571 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA1A-740-U-VWR-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°	2.0	2.0	2.1	2.1	2.2	2.2	2.3	2.3	2.3	2.2	2.1
85°	10.2	10.9	11.5	12.2	12.8	13.4	13.9	14.4	14.9	13.6	12.2
82.5°	21.9	23.6	25.3	27.0	28.6	29.1	29.2	29.1	28.8	26.6	24.1
80°	35.7	38.7	41.5	44.3	47.0	47.3	47.0	46.4	45.6	42.7	39.3
77.5°	50.8	54.5	57.8	60.8	63.5	64.0	64.0	63.8	63.6	60.6	56.9
75°	66.3	69.9	73.4	76.4	78.9	80.1	80.7	81.1	81.3	79.1	76.3
72.5°	84.2	88.0	91.1	94.0	96.5	98.3	99.6	100.6	101.2	100.6	99.4
70°	103.7	107.8	111.2	114.5	117.9	120.5	122.6	124.0	125.0	125.6	126.0
67.5°	125.6	131.1	135.9	139.9	144.0	147.8	150.9	153.5	155.4	157.1	158.4
65°	150.3	157.3	163.5	169.2	174.5	180.0	184.5	188.3	191.3	193.8	195.9
62.5°	176.3	184.9	192.9	200.6	208.2	215.6	221.4	226.6	231.2	235.2	238.4
60°	203.3	213.0	223.7	233.9	243.3	251.9	260.5	267.9	274.2	279.5	283.7
57.5°	232.3	244.9	257.4	270.1	282.1	293.3	303.8	313.1	321.0	327.4	332.8
55°	263.6	279.4	293.9	309.9	325.4	339.5	351.9	362.8	372.2	380.1	386.8
52.5°	298.0	317.3	336.2	354.4	371.9	388.2	403.1	415.8	427.1	436.8	444.5
50°	335.8	357.8	379.6	399.8	420.0	438.8	455.8	470.6	483.8	495.1	504.1
47.5°	375.2	400.2	424.6	447.8	470.1	491.1	509.5	526.3	542.7	556.0	566.6
45°	416.1	444.2	471.1	497.6	522.2	545.7	568.4	589.3	606.1	620.9	633.2
42.5°	457.6	488.9	519.0	547.9	575.0	602.1	627.7	650.6	669.7	686.5	700.5
40°	499.5	533.8	567.0	598.6	629.5	659.1	686.8	710.9	732.5	752.3	768.9
37.5°	541.3	579.0	615.8	651.2	685.2	717.2	747.1	774.3	798.7	821.4	839.8
35°	583.3	624.6	664.9	703.8	741.0	776.3	809.0	840.0	868.8	891.7	910.6
32.5°	625.0	669.5	713.3	756.2	796.9	835.0	870.4	904.7	934.3	959.5	981.1
30°	665.5	713.6	761.4	807.8	851.8	893.1	932.4	968.6	1000.4	1027.9	1052.2
27.5°	705.1	756.9	808.2	857.7	905.2	950.2	993.0	1032.3	1067.0	1096.9	1122.5
25°	742.6	798.3	852.9	905.4	956.2	1005.8	1052.0	1094.9	1131.9	1164.8	1191.1
22.5°	778.5	837.8	895.2	950.5	1004.8	1058.2	1108.8	1153.6	1192.8	1227.3	1256.4
20°	811.9	875.4	934.1	992.7	1049.9	1106.8	1161.2	1208.4	1250.0	1286.6	1318.7
17.5°	843.1	908.3	970.1	1032.4	1092.6	1152.4	1207.7	1258.3	1303.1	1342.0	1375.6
15°	869.5	935.3	1002.8	1069.3	1132.9	1193.5	1248.7	1301.5	1351.3	1393.4	1427.4
12.5°	890.9	959.4	1029.8	1100.4	1167.7	1228.1	1285.9	1339.5	1391.8	1439.0	1470.3
10°	909.1	979.6	1052.3	1124.3	1192.5	1256.4	1319.3	1375.9	1427.3	1469.6	1504.6
7.5°	924.9	997.5	1071.3	1143.4	1211.4	1277.4	1342.1	1402.3	1454.2	1494.1	1525.2
5°	936.5	1010.9	1086.1	1158.9	1227.8	1294.1	1359.0	1418.5	1469.2	1509.7	1543.7
2.5°	944.8	1019.9	1095.7	1168.5	1239.0	1305.5	1372.0	1432.1	1481.2	1518.3	1550.9
0°	950.1	1025.3	1101.7	1176.3	1245.4	1309.7	1381.2	1437.6	1488.5	1525.5	1559.5
-2.5°	944.8	1019.9	1095.7	1168.5	1239.0	1305.5	1372.0	1432.1	1481.2	1518.3	1550.9
-5°	936.5	1010.9	1086.1	1158.9	1227.8	1294.1	1359.0	1418.5	1469.2	1509.7	1543.7
-7.5°	924.9	997.5	1071.3	1143.4	1211.4	1277.4	1342.1	1402.3	1454.2	1494.1	1525.2
-10°	909.1	979.6	1052.3	1124.3	1192.5	1256.4	1319.3	1375.9	1427.3	1469.6	1504.6
-12.5°	890.9	959.4	1029.8	1100.4	1167.7	1228.1	1285.9	1339.5	1391.8	1439.0	1470.3
-15°	869.5	935.3	1002.8	1069.3	1132.9	1193.5	1248.7	1301.5	1351.3	1393.4	1427.4
-17.5°	843.1	908.3	970.1	1032.4	1092.6	1152.4	1207.7	1258.3	1303.1	1342.0	1375.6
-20°	811.9	875.4	934.1	992.7	1049.9	1106.8	1161.2	1208.4	1250.0	1286.6	1318.7

Classified

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

Scaled Data Report



REPORT NUMBER: P626571 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA1A-740-U-VWR-XX

CANDELA DISTRIBUTION (continued):

	-35°	-32.5°	-30°	-27.5°	-25°	-22.5°	-20°	-17.5°	-15°	-12.5°	-10°
-22.5°	778.5	837.8	895.2	950.5	1004.8	1058.2	1108.8	1153.6	1192.8	1227.3	1256.4
-25°	742.6	798.3	852.9	905.4	956.2	1005.8	1052.0	1094.9	1131.9	1164.8	1191.1
-27.5°	705.1	756.9	808.2	857.7	905.2	950.2	993.0	1032.3	1067.0	1096.9	1122.5
-30°	665.5	713.6	761.4	807.8	851.8	893.1	932.4	968.6	1000.4	1027.9	1052.2
-32.5°	625.0	669.5	713.3	756.2	796.9	835.0	870.4	904.7	934.3	959.5	981.1
-35°	583.3	624.6	664.9	703.8	741.0	776.3	809.0	840.0	868.8	891.7	910.6
-37.5°	541.3	579.0	615.8	651.2	685.2	717.2	747.1	774.3	798.7	821.4	839.8
-40°	499.5	533.8	567.0	598.6	629.5	659.1	686.8	710.9	732.5	752.3	768.9
-42.5°	457.6	488.9	519.0	547.9	575.0	602.1	627.7	650.6	669.7	686.5	700.5
-45°	416.1	444.2	471.1	497.6	522.2	545.7	568.4	589.3	606.1	620.9	633.2
-47.5°	375.2	400.2	424.6	447.8	470.1	491.1	509.5	526.3	542.7	556.0	566.6
-50°	335.8	357.8	379.6	399.8	420.0	438.8	455.8	470.6	483.8	495.1	504.1
-52.5°	298.0	317.3	336.2	354.4	371.9	388.2	403.1	415.8	427.1	436.8	444.5
-55°	263.6	279.4	293.9	309.9	325.4	339.5	351.9	362.8	372.2	380.1	386.8
-57.5°	232.3	244.9	257.4	270.1	282.1	293.3	303.8	313.1	321.0	327.4	332.8
-60°	203.3	213.0	223.7	233.9	243.3	251.9	260.5	267.9	274.2	279.5	283.7
-62.5°	176.3	184.9	192.9	200.6	208.2	215.6	221.4	226.6	231.2	235.2	238.4
-65°	150.3	157.3	163.5	169.2	174.5	180.0	184.5	188.3	191.3	193.8	195.9
-67.5°	125.6	131.1	135.9	139.9	144.0	147.8	150.9	153.5	155.4	157.1	158.4
-70°	103.7	107.8	111.2	114.5	117.9	120.5	122.6	124.0	125.0	125.6	126.0
-72.5°	84.2	88.0	91.1	94.0	96.5	98.3	99.6	100.6	101.2	100.6	99.4
-75°	66.3	69.9	73.4	76.4	78.9	80.1	80.7	81.1	81.3	79.1	76.3
-77.5°	50.8	54.5	57.8	60.8	63.5	64.0	64.0	63.8	63.6	60.6	56.9
-80°	35.7	38.7	41.5	44.3	47.0	47.3	47.0	46.4	45.6	42.7	39.3
-82.5°	21.9	23.6	25.3	27.0	28.6	29.1	29.2	29.1	28.8	26.6	24.1
-85°	10.2	10.9	11.5	12.2	12.8	13.4	13.9	14.4	14.9	13.6	12.2
-87.5°	2.0	2.0	2.1	2.1	2.2	2.2	2.3	2.3	2.3	2.2	2.1
-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: P626571 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA1A-740-U-VWR-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°	1.9	1.8	1.8	1.8	1.8	1.8	1.9	2.1	2.2	2.3	2.3
85°	10.6	9.1	8.5	7.9	8.5	9.1	10.6	12.2	13.6	14.9	14.4
82.5°	21.5	18.7	17.9	17.0	17.9	18.7	21.5	24.1	26.6	28.8	29.1
80°	35.7	32.0	30.6	29.1	30.6	32.0	35.7	39.3	42.7	45.6	46.4
77.5°	53.1	49.0	47.3	45.5	47.3	49.0	53.1	56.9	60.6	63.6	63.8
75°	73.3	70.1	68.2	66.1	68.2	70.1	73.3	76.3	79.1	81.3	81.1
72.5°	98.0	96.5	95.1	93.4	95.1	96.5	98.0	99.4	100.6	101.2	100.6
70°	126.1	125.9	126.2	126.1	126.2	125.9	126.1	126.0	125.6	125.0	124.0
67.5°	159.1	159.1	159.8	160.1	159.8	159.1	159.1	158.4	157.1	155.4	153.5
65°	197.1	197.6	197.4	196.4	197.4	197.6	197.1	195.9	193.8	191.3	188.3
62.5°	240.7	241.9	242.7	242.5	242.7	241.9	240.7	238.4	235.2	231.2	226.6
60°	286.8	288.9	289.9	289.8	289.9	288.9	286.8	283.7	279.5	274.2	267.9
57.5°	336.8	339.4	340.0	338.9	340.0	339.4	336.8	332.8	327.4	321.0	313.1
55°	391.9	395.3	396.6	395.9	396.6	395.3	391.9	386.8	380.1	372.2	362.8
52.5°	450.2	453.8	455.1	454.1	455.1	453.8	450.2	444.5	436.8	427.1	415.8
50°	510.7	515.0	516.8	516.0	516.8	515.0	510.7	504.1	495.1	483.8	470.6
47.5°	574.9	580.7	583.0	581.5	583.0	580.7	574.9	566.6	556.0	542.7	526.3
45°	642.5	648.5	650.9	649.4	650.9	648.5	642.5	633.2	620.9	606.1	589.3
42.5°	711.3	719.2	722.5	719.7	722.5	719.2	711.3	700.5	686.5	669.7	650.6
40°	781.2	789.8	793.8	791.9	793.8	789.8	781.2	768.9	752.3	732.5	710.9
37.5°	853.0	861.6	865.8	865.8	865.8	861.6	853.0	839.8	821.4	798.7	774.3
35°	925.1	935.4	941.3	941.0	941.3	935.4	925.1	910.6	891.7	868.8	840.0
32.5°	998.2	1009.4	1015.3	1016.2	1015.3	1009.4	998.2	981.1	959.5	934.3	904.7
30°	1071.1	1083.4	1090.4	1093.2	1090.4	1083.4	1071.1	1052.2	1027.9	1000.4	968.6
27.5°	1141.9	1157.0	1167.5	1168.4	1167.5	1157.0	1141.9	1122.5	1096.9	1067.0	1032.3
25°	1210.4	1225.8	1236.5	1238.7	1236.5	1225.8	1210.4	1191.1	1164.8	1131.9	1094.9
22.5°	1278.0	1294.1	1303.9	1307.8	1303.9	1294.1	1278.0	1256.4	1227.3	1192.8	1153.6
20°	1342.4	1359.8	1370.3	1374.5	1370.3	1359.8	1342.4	1318.7	1286.6	1250.0	1208.4
17.5°	1400.8	1419.2	1432.1	1435.8	1432.1	1419.2	1400.8	1375.6	1342.0	1303.1	1258.3
15°	1452.1	1469.6	1481.9	1486.7	1481.9	1469.6	1452.1	1427.4	1393.4	1351.3	1301.5
12.5°	1493.8	1509.5	1519.1	1523.7	1519.1	1509.5	1493.8	1470.3	1439.0	1391.8	1339.5
10°	1526.5	1542.2	1551.4	1557.6	1551.4	1542.2	1526.5	1504.6	1469.6	1427.3	1375.9
7.5°	1554.8	1570.9	1582.1	1591.0	1582.1	1570.9	1554.8	1525.2	1494.1	1454.2	1402.3
5°	1570.4	1597.3	1601.3	1607.4	1601.3	1597.3	1570.4	1543.7	1509.7	1469.2	1418.5
2.5°	1582.3	1601.4	1612.8	1611.6	1612.8	1601.4	1582.3	1550.9	1518.3	1481.2	1432.1
0°	1591.0	1608.0	1612.2	1617.7	1612.2	1608.0	1591.0	1559.5	1525.5	1488.5	1437.6
-2.5°	1582.3	1601.4	1612.8	1611.6	1612.8	1601.4	1582.3	1550.9	1518.3	1481.2	1432.1
-5°	1570.4	1597.3	1601.3	1607.4	1601.3	1597.3	1570.4	1543.7	1509.7	1469.2	1418.5
-7.5°	1554.8	1570.9	1582.1	1591.0	1582.1	1570.9	1554.8	1525.2	1494.1	1454.2	1402.3
-10°	1526.5	1542.2	1551.4	1557.6	1551.4	1542.2	1526.5	1504.6	1469.6	1427.3	1375.9
-12.5°	1493.8	1509.5	1519.1	1523.7	1519.1	1509.5	1493.8	1470.3	1439.0	1391.8	1339.5
-15°	1452.1	1469.6	1481.9	1486.7	1481.9	1469.6	1452.1	1427.4	1393.4	1351.3	1301.5
-17.5°	1400.8	1419.2	1432.1	1435.8	1432.1	1419.2	1400.8	1375.6	1342.0	1303.1	1258.3
-20°	1342.4	1359.8	1370.3	1374.5	1370.3	1359.8	1342.4	1318.7	1286.6	1250.0	1208.4

Classified

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

Scaled Data Report



REPORT NUMBER: P626571 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA1A-740-U-VWR-XX

CANDELA DISTRIBUTION (continued):

	-7.5°	-5°	-2.5°	0°	2.5°	5°	7.5°	10°	12.5°	15°	17.5°
-22.5°	1278.0	1294.1	1303.9	1307.8	1303.9	1294.1	1278.0	1256.4	1227.3	1192.8	1153.6
-25°	1210.4	1225.8	1236.5	1238.7	1236.5	1225.8	1210.4	1191.1	1164.8	1131.9	1094.9
-27.5°	1141.9	1157.0	1167.5	1168.4	1167.5	1157.0	1141.9	1122.5	1096.9	1067.0	1032.3
-30°	1071.1	1083.4	1090.4	1093.2	1090.4	1083.4	1071.1	1052.2	1027.9	1000.4	968.6
-32.5°	998.2	1009.4	1015.3	1016.2	1015.3	1009.4	998.2	981.1	959.5	934.3	904.7
-35°	925.1	935.4	941.3	941.0	941.3	935.4	925.1	910.6	891.7	868.8	840.0
-37.5°	853.0	861.6	865.8	865.8	865.8	861.6	853.0	839.8	821.4	798.7	774.3
-40°	781.2	789.8	793.8	791.9	793.8	789.8	781.2	768.9	752.3	732.5	710.9
-42.5°	711.3	719.2	722.5	719.7	722.5	719.2	711.3	700.5	686.5	669.7	650.6
-45°	642.5	648.5	650.9	649.4	650.9	648.5	642.5	633.2	620.9	606.1	589.3
-47.5°	574.9	580.7	583.0	581.5	583.0	580.7	574.9	566.6	556.0	542.7	526.3
-50°	510.7	515.0	516.8	516.0	516.8	515.0	510.7	504.1	495.1	483.8	470.6
-52.5°	450.2	453.8	455.1	454.1	455.1	453.8	450.2	444.5	436.8	427.1	415.8
-55°	391.9	395.3	396.6	395.9	396.6	395.3	391.9	386.8	380.1	372.2	362.8
-57.5°	336.8	339.4	340.0	338.9	340.0	339.4	336.8	332.8	327.4	321.0	313.1
-60°	286.8	288.9	289.9	289.8	289.9	288.9	286.8	283.7	279.5	274.2	267.9
-62.5°	240.7	241.9	242.7	242.5	242.7	241.9	240.7	238.4	235.2	231.2	226.6
-65°	197.1	197.6	197.4	196.4	197.4	197.6	197.1	195.9	193.8	191.3	188.3
-67.5°	159.1	159.1	159.8	160.1	159.8	159.1	159.1	158.4	157.1	155.4	153.5
-70°	126.1	125.9	126.2	126.1	126.2	125.9	126.1	126.0	125.6	125.0	124.0
-72.5°	98.0	96.5	95.1	93.4	95.1	96.5	98.0	99.4	100.6	101.2	100.6
-75°	73.3	70.1	68.2	66.1	68.2	70.1	73.3	76.3	79.1	81.3	81.1
-77.5°	53.1	49.0	47.3	45.5	47.3	49.0	53.1	56.9	60.6	63.6	63.8
-80°	35.7	32.0	30.6	29.1	30.6	32.0	35.7	39.3	42.7	45.6	46.4
-82.5°	21.5	18.7	17.9	17.0	17.9	18.7	21.5	24.1	26.6	28.8	29.1
-85°	10.6	9.1	8.5	7.9	8.5	9.1	10.6	12.2	13.6	14.9	14.4
-87.5°	1.9	1.8	1.8	1.8	1.8	1.8	1.9	2.1	2.2	2.3	2.3
-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: P626571 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA1A-740-U-VWR-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°	2.3	2.2	2.2	2.1	2.1	2.0	2.0	1.9	1.8	1.8	1.7
85°	13.9	13.4	12.8	12.2	11.5	10.9	10.2	8.9	7.7	6.6	5.7
82.5°	29.2	29.1	28.6	27.0	25.3	23.6	21.9	19.3	16.7	14.2	12.0
80°	47.0	47.3	47.0	44.3	41.5	38.7	35.7	31.9	28.0	24.3	21.5
77.5°	64.0	64.0	63.5	60.8	57.8	54.5	50.8	46.2	41.6	36.9	33.4
75°	80.7	80.1	78.9	76.4	73.4	69.9	66.3	62.2	57.5	52.1	47.4
72.5°	99.6	98.3	96.5	94.0	91.1	88.0	84.2	79.7	74.8	69.4	64.5
70°	122.6	120.5	117.9	114.5	111.2	107.8	103.7	98.8	93.0	87.0	81.6
67.5°	150.9	147.8	144.0	139.9	135.9	131.1	125.6	119.6	113.7	107.1	99.5
65°	184.5	180.0	174.5	169.2	163.5	157.3	150.3	143.4	136.1	128.2	118.6
62.5°	221.4	215.6	208.2	200.6	192.9	184.9	176.3	167.8	159.1	149.7	139.0
60°	260.5	251.9	243.3	233.9	223.7	213.0	203.3	192.9	181.9	171.3	159.6
57.5°	303.8	293.3	282.1	270.1	257.4	244.9	232.3	219.2	206.8	193.9	180.6
55°	351.9	339.5	325.4	309.9	293.9	279.4	263.6	247.8	232.9	217.1	202.5
52.5°	403.1	388.2	371.9	354.4	336.2	317.3	298.0	279.9	260.4	242.7	225.0
50°	455.8	438.8	420.0	399.8	379.6	357.8	335.8	313.9	291.8	270.0	248.9
47.5°	509.5	491.1	470.1	447.8	424.6	400.2	375.2	348.9	324.5	299.1	275.1
45°	568.4	545.7	522.2	497.6	471.1	444.2	416.1	387.3	358.0	330.2	301.9
42.5°	627.7	602.1	575.0	547.9	519.0	488.9	457.6	425.8	393.6	361.5	330.6
40°	686.8	659.1	629.5	598.6	567.0	533.8	499.5	464.3	429.2	393.9	359.0
37.5°	747.1	717.2	685.2	651.2	615.8	579.0	541.3	503.1	464.5	426.5	388.6
35°	809.0	776.3	741.0	703.8	664.9	624.6	583.3	541.4	499.9	458.8	417.8
32.5°	870.4	835.0	796.9	756.2	713.3	669.5	625.0	579.9	534.4	490.5	446.8
30°	932.4	893.1	851.8	807.8	761.4	713.6	665.5	617.6	569.1	520.9	474.7
27.5°	993.0	950.2	905.2	857.7	808.2	756.9	705.1	654.1	602.4	551.0	501.2
25°	1052.0	1005.8	956.2	905.4	852.9	798.3	742.6	688.6	634.6	579.7	525.0
22.5°	1108.8	1058.2	1004.8	950.5	895.2	837.8	778.5	720.2	664.4	605.4	548.3
20°	1161.2	1106.8	1049.9	992.7	934.1	875.4	811.9	749.9	689.8	629.3	569.3
17.5°	1207.7	1152.4	1092.6	1032.4	970.1	908.3	843.1	776.9	713.3	650.5	587.9
15°	1248.7	1193.5	1132.9	1069.3	1002.8	935.3	869.5	800.7	734.6	669.3	605.0
12.5°	1285.9	1228.1	1167.7	1100.4	1029.8	959.4	890.9	821.6	753.6	686.4	620.4
10°	1319.3	1256.4	1192.5	1124.3	1052.3	979.6	909.1	839.2	769.7	701.1	633.1
7.5°	1342.1	1277.4	1211.4	1143.4	1071.3	997.5	924.9	853.3	782.3	712.8	643.1
5°	1359.0	1294.1	1227.8	1158.9	1086.1	1010.9	936.5	863.6	791.3	721.3	650.1
2.5°	1372.0	1305.5	1239.0	1168.5	1095.7	1019.9	944.8	871.3	798.4	727.6	656.4
0°	1381.2	1309.7	1245.4	1176.3	1101.7	1025.3	950.1	876.1	802.8	730.6	659.7
-2.5°	1372.0	1305.5	1239.0	1168.5	1095.7	1019.9	944.8	871.3	798.4	727.6	656.4
-5°	1359.0	1294.1	1227.8	1158.9	1086.1	1010.9	936.5	863.6	791.3	721.3	650.1
-7.5°	1342.1	1277.4	1211.4	1143.4	1071.3	997.5	924.9	853.3	782.3	712.8	643.1
-10°	1319.3	1256.4	1192.5	1124.3	1052.3	979.6	909.1	839.2	769.7	701.1	633.1
-12.5°	1285.9	1228.1	1167.7	1100.4	1029.8	959.4	890.9	821.6	753.6	686.4	620.4
-15°	1248.7	1193.5	1132.9	1069.3	1002.8	935.3	869.5	800.7	734.6	669.3	605.0
-17.5°	1207.7	1152.4	1092.6	1032.4	970.1	908.3	843.1	776.9	713.3	650.5	587.9
-20°	1161.2	1106.8	1049.9	992.7	934.1	875.4	811.9	749.9	689.8	629.3	569.3

Classified

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

Scaled Data Report



REPORT NUMBER: P626571 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA1A-740-U-VWR-XX

CANDELA DISTRIBUTION (continued):

	20°	22.5°	25°	27.5°	30°	32.5°	35°	37.5°	40°	42.5°	45°
-22.5°	1108.8	1058.2	1004.8	950.5	895.2	837.8	778.5	720.2	664.4	605.4	548.3
-25°	1052.0	1005.8	956.2	905.4	852.9	798.3	742.6	688.6	634.6	579.7	525.0
-27.5°	993.0	950.2	905.2	857.7	808.2	756.9	705.1	654.1	602.4	551.0	501.2
-30°	932.4	893.1	851.8	807.8	761.4	713.6	665.5	617.6	569.1	520.9	474.7
-32.5°	870.4	835.0	796.9	756.2	713.3	669.5	625.0	579.9	534.4	490.5	446.8
-35°	809.0	776.3	741.0	703.8	664.9	624.6	583.3	541.4	499.9	458.8	417.8
-37.5°	747.1	717.2	685.2	651.2	615.8	579.0	541.3	503.1	464.5	426.5	388.6
-40°	686.8	659.1	629.5	598.6	567.0	533.8	499.5	464.3	429.2	393.9	359.0
-42.5°	627.7	602.1	575.0	547.9	519.0	488.9	457.6	425.8	393.6	361.5	330.6
-45°	568.4	545.7	522.2	497.6	471.1	444.2	416.1	387.3	358.0	330.2	301.9
-47.5°	509.5	491.1	470.1	447.8	424.6	400.2	375.2	348.9	324.5	299.1	275.1
-50°	455.8	438.8	420.0	399.8	379.6	357.8	335.8	313.9	291.8	270.0	248.9
-52.5°	403.1	388.2	371.9	354.4	336.2	317.3	298.0	279.9	260.4	242.7	225.0
-55°	351.9	339.5	325.4	309.9	293.9	279.4	263.6	247.8	232.9	217.1	202.5
-57.5°	303.8	293.3	282.1	270.1	257.4	244.9	232.3	219.2	206.8	193.9	180.6
-60°	260.5	251.9	243.3	233.9	223.7	213.0	203.3	192.9	181.9	171.3	159.6
-62.5°	221.4	215.6	208.2	200.6	192.9	184.9	176.3	167.8	159.1	149.7	139.0
-65°	184.5	180.0	174.5	169.2	163.5	157.3	150.3	143.4	136.1	128.2	118.6
-67.5°	150.9	147.8	144.0	139.9	135.9	131.1	125.6	119.6	113.7	107.1	99.5
-70°	122.6	120.5	117.9	114.5	111.2	107.8	103.7	98.8	93.0	87.0	81.6
-72.5°	99.6	98.3	96.5	94.0	91.1	88.0	84.2	79.7	74.8	69.4	64.5
-75°	80.7	80.1	78.9	76.4	73.4	69.9	66.3	62.2	57.5	52.1	47.4
-77.5°	64.0	64.0	63.5	60.8	57.8	54.5	50.8	46.2	41.6	36.9	33.4
-80°	47.0	47.3	47.0	44.3	41.5	38.7	35.7	31.9	28.0	24.3	21.5
-82.5°	29.2	29.1	28.6	27.0	25.3	23.6	21.9	19.3	16.7	14.2	12.0
-85°	13.9	13.4	12.8	12.2	11.5	10.9	10.2	8.9	7.7	6.6	5.7
-87.5°	2.3	2.2	2.2	2.1	2.1	2.0	2.0	1.9	1.8	1.8	1.7
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



REPORT NUMBER: P626571 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA1A-740-U-VWR-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°	1.7	1.7	1.7	1.7	1.5	1.3	1.2	1.0	0.9	0.8	0.7
85°	5.7	5.6	5.3	4.8	3.8	2.7	2.3	2.0	1.8	1.6	1.4
82.5°	12.0	12.1	12.1	11.7	10.4	8.9	7.4	5.8	4.3	2.7	2.2
80°	21.6	21.4	20.9	19.9	17.7	15.1	13.2	11.2	9.2	7.1	5.0
77.5°	32.6	31.7	30.6	29.3	26.9	24.1	20.9	17.2	14.1	11.6	8.9
75°	45.0	43.5	41.9	39.8	36.7	33.2	29.6	25.4	20.6	16.1	12.8
72.5°	60.5	56.9	53.7	50.7	47.4	43.4	38.9	33.4	27.6	22.1	17.0
70°	76.3	70.9	66.0	61.9	57.9	53.8	48.8	42.0	34.4	28.0	22.0
67.5°	92.2	85.8	79.4	73.2	68.1	63.3	58.4	50.5	41.9	33.8	26.8
65°	109.8	101.3	93.1	85.5	78.6	72.5	66.9	58.5	49.1	40.0	31.6
62.5°	128.0	117.1	107.4	97.7	89.1	81.7	74.9	65.7	56.1	46.0	36.5
60°	147.1	134.7	121.7	110.4	99.9	90.5	82.3	72.8	62.6	51.8	41.4
57.5°	167.1	152.6	138.1	123.7	111.0	99.8	89.5	79.5	68.9	57.5	46.0
55°	187.4	171.8	154.7	138.5	122.9	109.6	97.1	85.9	75.1	63.2	50.0
52.5°	207.8	190.6	172.2	153.5	136.1	119.4	105.5	92.2	80.7	68.7	54.1
50°	229.1	209.4	189.7	169.5	149.3	130.9	113.5	99.4	86.2	73.9	58.1
47.5°	251.3	229.3	207.4	185.3	163.6	142.0	123.0	106.4	91.5	78.6	61.7
45°	275.6	249.9	225.6	201.8	177.2	153.9	132.6	113.2	97.5	82.3	65.1
42.5°	299.9	271.6	244.5	218.0	191.5	165.8	141.6	121.1	103.3	85.8	68.2
40°	325.7	293.4	263.4	234.6	205.4	177.0	151.7	128.9	108.7	89.4	71.1
37.5°	350.8	315.8	282.7	250.4	219.0	189.2	161.3	136.1	113.9	93.6	73.8
35°	377.4	338.2	300.6	266.3	233.0	200.7	170.4	143.4	119.8	97.6	76.4
32.5°	403.1	360.2	319.9	282.1	246.4	211.6	179.7	151.1	125.4	101.5	78.9
30°	428.4	382.2	338.3	296.9	259.3	223.0	189.0	158.4	130.8	105.2	81.3
27.5°	451.6	402.6	355.9	312.3	272.1	233.8	197.8	165.1	136.0	109.1	84.2
25°	473.3	422.2	373.3	327.1	283.9	244.1	205.9	171.3	141.2	113.1	86.8
22.5°	493.6	440.4	389.1	340.8	294.9	253.5	213.8	177.9	146.1	116.8	89.2
20°	512.1	456.8	403.2	353.1	305.5	262.4	221.4	183.8	150.6	120.2	91.4
17.5°	528.8	471.8	416.7	364.7	315.5	270.4	228.2	189.0	154.5	123.2	93.3
15°	544.2	485.5	428.6	374.7	324.0	277.4	234.0	193.6	157.8	125.8	95.1
12.5°	557.5	497.2	438.7	383.3	331.3	283.2	239.0	197.3	160.6	128.1	96.8
10°	568.4	506.8	447.0	390.3	337.1	288.0	243.1	200.5	163.2	130.1	98.2
7.5°	576.9	514.4	453.3	395.7	341.8	292.0	246.5	203.3	165.3	131.7	99.1
5°	583.4	520.3	458.9	400.2	346.1	295.3	249.0	205.2	166.8	132.8	99.6
2.5°	589.1	524.8	463.3	403.2	349.0	297.4	250.5	206.4	167.7	133.4	99.7
0°	592.4	526.9	465.7	404.4	350.5	298.3	251.0	206.8	168.0	133.4	99.4
-2.5°	589.1	524.8	463.3	403.2	349.0	297.4	250.5	206.4	167.7	133.4	99.7
-5°	583.4	520.3	458.9	400.2	346.1	295.3	249.0	205.2	166.8	132.8	99.6
-7.5°	576.9	514.4	453.3	395.7	341.8	292.0	246.5	203.3	165.3	131.7	99.1
-10°	568.4	506.8	447.0	390.3	337.1	288.0	243.1	200.5	163.2	130.1	98.2
-12.5°	557.5	497.2	438.7	383.3	331.3	283.2	239.0	197.3	160.6	128.1	96.8
-15°	544.2	485.5	428.6	374.7	324.0	277.4	234.0	193.6	157.8	125.8	95.1
-17.5°	528.8	471.8	416.7	364.7	315.5	270.4	228.2	189.0	154.5	123.2	93.3
-20°	512.1	456.8	403.2	353.1	305.5	262.4	221.4	183.8	150.6	120.2	91.4

Classified

Cooper Lighting Solutions Photometric Lab
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Scaled Data Report



REPORT NUMBER: P626571 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA1A-740-U-VWR-XX

CANDELA DISTRIBUTION (continued):

	47.5°	50°	52.5°	55°	57.5°	60°	62.5°	65°	67.5°	70°	72.5°
-22.5°	493.6	440.4	389.1	340.8	294.9	253.5	213.8	177.9	146.1	116.8	89.2
-25°	473.3	422.2	373.3	327.1	283.9	244.1	205.9	171.3	141.2	113.1	86.8
-27.5°	451.6	402.6	355.9	312.3	272.1	233.8	197.8	165.1	136.0	109.1	84.2
-30°	428.4	382.2	338.3	296.9	259.3	223.0	189.0	158.4	130.8	105.2	81.3
-32.5°	403.1	360.2	319.9	282.1	246.4	211.6	179.7	151.1	125.4	101.5	78.9
-35°	377.4	338.2	300.6	266.3	233.0	200.7	170.4	143.4	119.8	97.6	76.4
-37.5°	350.8	315.8	282.7	250.4	219.0	189.2	161.3	136.1	113.9	93.6	73.8
-40°	325.7	293.4	263.4	234.6	205.4	177.0	151.7	128.9	108.7	89.4	71.1
-42.5°	299.9	271.6	244.5	218.0	191.5	165.8	141.6	121.1	103.3	85.8	68.2
-45°	275.6	249.9	225.6	201.8	177.2	153.9	132.6	113.2	97.5	82.3	65.1
-47.5°	251.3	229.3	207.4	185.3	163.6	142.0	123.0	106.4	91.5	78.6	61.7
-50°	229.1	209.4	189.7	169.5	149.3	130.9	113.5	99.4	86.2	73.9	58.1
-52.5°	207.8	190.6	172.2	153.5	136.1	119.4	105.5	92.2	80.7	68.7	54.1
-55°	187.4	171.8	154.7	138.5	122.9	109.6	97.1	85.9	75.1	63.2	50.0
-57.5°	167.1	152.6	138.1	123.7	111.0	99.8	89.5	79.5	68.9	57.5	46.0
-60°	147.1	134.7	121.7	110.4	99.9	90.5	82.3	72.8	62.6	51.8	41.4
-62.5°	128.0	117.1	107.4	97.7	89.1	81.7	74.9	65.7	56.1	46.0	36.5
-65°	109.8	101.3	93.1	85.5	78.6	72.5	66.9	58.5	49.1	40.0	31.6
-67.5°	92.2	85.8	79.4	73.2	68.1	63.3	58.4	50.5	41.9	33.8	26.8
-70°	76.3	70.9	66.0	61.9	57.9	53.8	48.8	42.0	34.4	28.0	22.0
-72.5°	60.5	56.9	53.7	50.7	47.4	43.4	38.9	33.4	27.6	22.1	17.0
-75°	45.0	43.5	41.9	39.8	36.7	33.2	29.6	25.4	20.6	16.1	12.8
-77.5°	32.6	31.7	30.6	29.3	26.9	24.1	20.9	17.2	14.1	11.6	8.9
-80°	21.6	21.4	20.9	19.9	17.7	15.1	13.2	11.2	9.2	7.1	5.0
-82.5°	12.0	12.1	12.1	11.7	10.4	8.9	7.4	5.8	4.3	2.7	2.2
-85°	5.7	5.6	5.3	4.8	3.8	2.7	2.3	2.0	1.8	1.6	1.4
-87.5°	1.7	1.7	1.7	1.7	1.5	1.3	1.2	1.0	0.9	0.8	0.7
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

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REPORT NUMBER: P626571 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA1A-740-U-VWR-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°	0.6	0.5	0.4	0.3	0.2	0.1	0.0
85°	1.2	1.0	0.8	0.6	0.4	0.2	0.0
82.5°	1.9	1.6	1.2	0.9	0.6	0.3	0.0
80°	2.8	2.1	1.7	1.2	0.8	0.4	0.0
77.5°	6.1	3.3	2.1	1.6	1.0	0.5	0.0
75°	9.4	5.7	2.7	1.9	1.2	0.5	0.0
72.5°	12.6	8.0	4.3	2.2	1.4	0.6	0.0
70°	15.7	10.2	5.9	2.6	1.6	0.7	0.0
67.5°	19.5	12.4	7.4	3.6	1.8	0.8	0.0
65°	23.1	14.8	8.8	4.5	2.0	0.9	0.0
62.5°	26.5	17.4	10.2	5.4	2.2	1.0	0.0
60°	29.7	19.9	11.5	6.2	2.3	1.0	0.0
57.5°	33.1	22.2	13.2	7.0	2.8	1.1	0.0
55°	36.4	24.4	14.8	7.8	3.3	1.2	0.0
52.5°	39.3	26.5	16.3	8.4	3.7	1.2	0.0
50°	42.1	28.7	17.7	9.1	4.1	1.3	0.0
47.5°	44.6	30.7	19.0	9.7	4.5	1.4	0.0
45°	47.5	32.5	20.1	10.6	4.9	1.4	0.0
42.5°	50.1	34.1	21.1	11.3	5.3	1.5	0.0
40°	52.5	35.5	22.1	12.1	5.6	1.5	0.0
37.5°	54.6	36.7	23.1	12.9	6.0	1.6	0.0
35°	56.5	38.1	24.0	13.6	6.3	1.6	0.0
32.5°	58.2	39.4	24.7	14.2	6.5	1.7	0.0
30°	60.0	40.6	25.3	14.9	6.8	1.7	0.0
27.5°	61.7	41.6	26.2	15.4	7.0	1.7	0.0
25°	63.1	42.4	27.0	15.9	7.2	1.7	0.0
22.5°	64.3	43.2	27.7	16.3	7.4	1.8	0.0
20°	65.3	44.2	28.3	16.7	7.5	1.8	0.0
17.5°	66.6	45.1	28.8	17.0	7.7	1.8	0.0
15°	67.9	45.8	29.2	17.3	7.8	1.8	0.0
12.5°	68.9	46.3	29.6	17.5	7.9	1.8	0.0
10°	69.7	46.6	29.8	17.6	7.9	1.8	0.0
7.5°	70.3	46.8	29.9	17.7	8.0	1.8	0.0
5°	70.6	46.7	29.9	17.7	8.0	1.8	0.0
2.5°	70.6	46.5	29.9	17.7	7.9	1.8	0.0
0°	70.3	46.1	29.7	17.6	7.9	1.8	0.0
-2.5°	70.6	46.5	29.9	17.7	7.9	1.8	0.0
-5°	70.6	46.7	29.9	17.7	8.0	1.8	0.0
-7.5°	70.3	46.8	29.9	17.7	8.0	1.8	0.0
-10°	69.7	46.6	29.8	17.6	7.9	1.8	0.0
-12.5°	68.9	46.3	29.6	17.5	7.9	1.8	0.0
-15°	67.9	45.8	29.2	17.3	7.8	1.8	0.0
-17.5°	66.6	45.1	28.8	17.0	7.7	1.8	0.0
-20°	65.3	44.2	28.3	16.7	7.5	1.8	0.0

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CATALOG NUMBER: GFLD-SA1A-740-U-VWR-XX

CANDELA DISTRIBUTION (continued):

	75°	77.5°	80°	82.5°	85°	87.5°	90°
-22.5°	64.3	43.2	27.7	16.3	7.4	1.8	0.0
-25°	63.1	42.4	27.0	15.9	7.2	1.7	0.0
-27.5°	61.7	41.6	26.2	15.4	7.0	1.7	0.0
-30°	60.0	40.6	25.3	14.9	6.8	1.7	0.0
-32.5°	58.2	39.4	24.7	14.2	6.5	1.7	0.0
-35°	56.5	38.1	24.0	13.6	6.3	1.6	0.0
-37.5°	54.6	36.7	23.1	12.9	6.0	1.6	0.0
-40°	52.5	35.5	22.1	12.1	5.6	1.5	0.0
-42.5°	50.1	34.1	21.1	11.3	5.3	1.5	0.0
-45°	47.5	32.5	20.1	10.6	4.9	1.4	0.0
-47.5°	44.6	30.7	19.0	9.7	4.5	1.4	0.0
-50°	42.1	28.7	17.7	9.1	4.1	1.3	0.0
-52.5°	39.3	26.5	16.3	8.4	3.7	1.2	0.0
-55°	36.4	24.4	14.8	7.8	3.3	1.2	0.0
-57.5°	33.1	22.2	13.2	7.0	2.8	1.1	0.0
-60°	29.7	19.9	11.5	6.2	2.3	1.0	0.0
-62.5°	26.5	17.4	10.2	5.4	2.2	1.0	0.0
-65°	23.1	14.8	8.8	4.5	2.0	0.9	0.0
-67.5°	19.5	12.4	7.4	3.6	1.8	0.8	0.0
-70°	15.7	10.2	5.9	2.6	1.6	0.7	0.0
-72.5°	12.6	8.0	4.3	2.2	1.4	0.6	0.0
-75°	9.4	5.7	2.7	1.9	1.2	0.5	0.0
-77.5°	6.1	3.3	2.1	1.6	1.0	0.5	0.0
-80°	2.8	2.1	1.7	1.2	0.8	0.4	0.0
-82.5°	1.9	1.6	1.2	0.9	0.6	0.3	0.0
-85°	1.2	1.0	0.8	0.6	0.4	0.2	0.0
-87.5°	0.6	0.5	0.4	0.3	0.2	0.1	0.0
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0

(END OF REPORT)