

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: P626693 (CONVERTED FROM TYPE C PHOTOMETRY)

Luminaire Tested: **GFLD-SA1C-740-U-WR-XX**

Issue Date: 12/7/2022

Test Information

Test Method: LM-79-08
Report Number: P626693 (CONVERTED FROM TYPE C PHOTOMETRY)
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G2-2209-766-1)
Test Lab: COOPER LIGHTING SOLUTIONS
Issue Date: 12/7/2022
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: MCGRAW-EDISON
Catalog Number: GFLD-SA1C-740-U-WR-XX
Description: GALLEON FLOOD, ONE LIGHT SQAURE, WIDE SYMMETRICAL ROUND N28
Light Source: (16) 4000K CCT, 70 CRI LEDS
Ballast/Driver: -

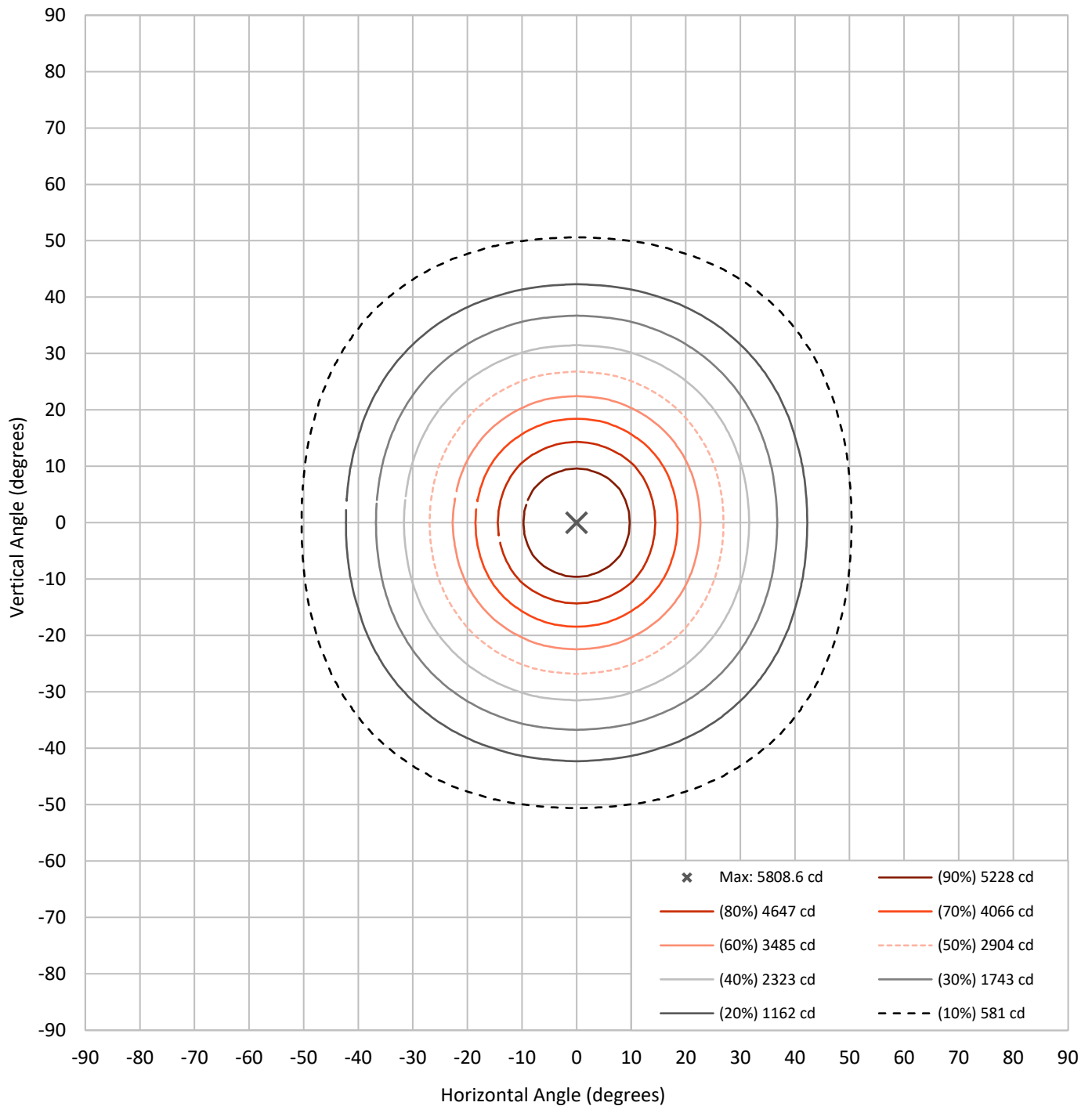
Summary

Lumens per Lamp:	N/A	NEMA Type:	6H x 6V
Luminaire Lumens:	5911.8 lumens	Max Intensity:	5808.6 candela
Efficiency:	N/A	Max Intensity Angle:	0°H x 0°V
Efficacy:	135.9 lumens/watt		
Luminous Opening:	Rectangular (W 0.5' x L: 0.5' x H: 0')		
Beam Angle (50%):	53.8°H x 53.6°V	Field Angle (10%):	100.8°H x 101.2°V
Beam Lumens:	2826.6 lumens	Field Lumens:	5217.3 lumens
Beam Efficiency:	47.8%	Field Efficiency:	88.3%
Input Watts (W):	43.5		
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





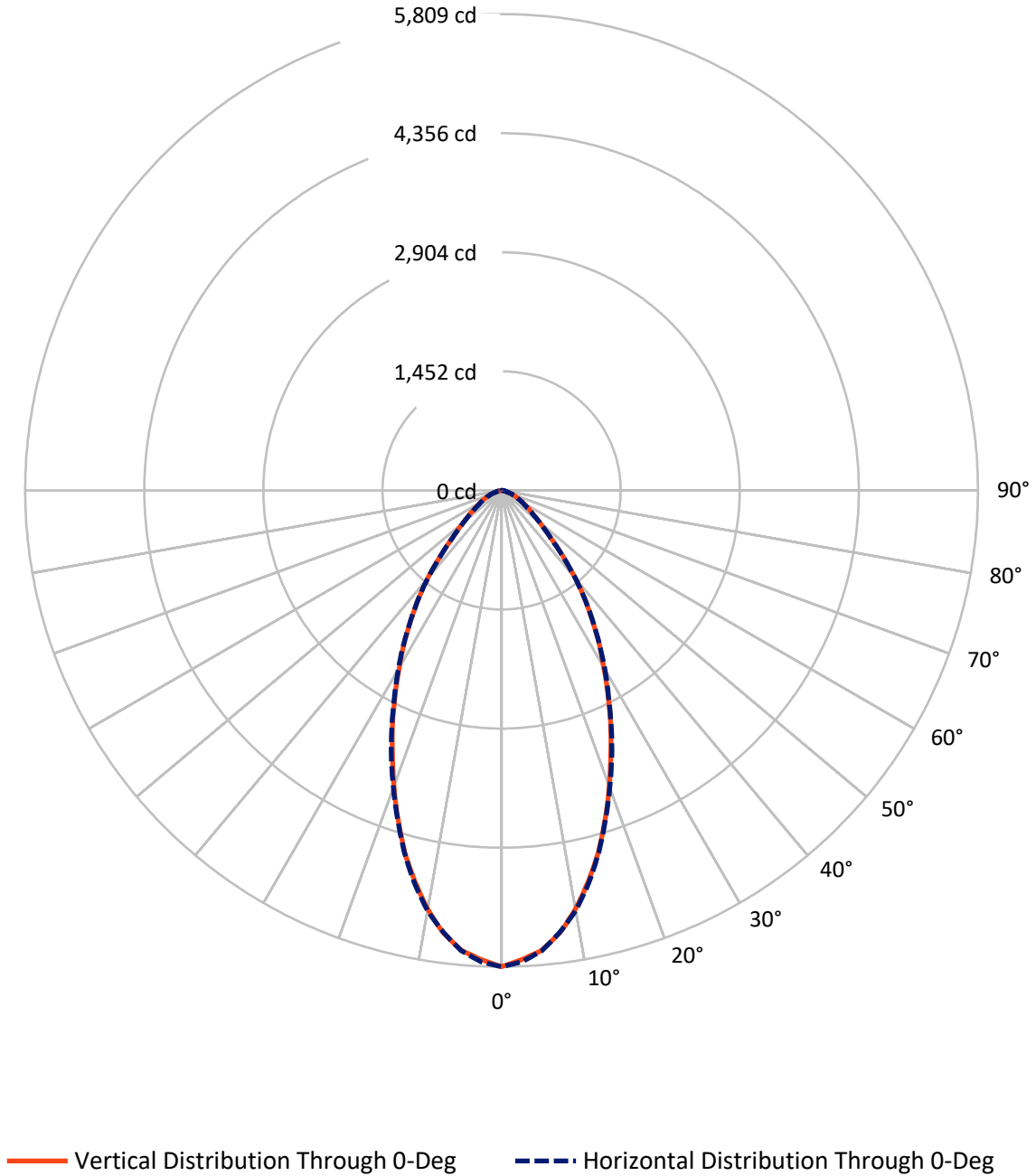
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Lumen Table

90															90				
80	0.2	1.6		3.7		6.2		5.3		6.2		3.7		1.6		0.2			
70																			
60	0.8	0.9	1.7	2.7	3.9	5.1	6.0	6.4	6.4	6.0	5.1	3.9	2.7	1.7	0.9	0.8			
50		1.3	2.6	4.4	6.8	9.4	11.7	13.0	13.0	11.7	9.4	6.8	4.4	2.6	1.3				
40	1.1	1.6	3.5	6.6	11.2	17.2	23.7	28.0	28.0	23.7	17.2	11.2	6.6	3.5	1.6	1.1			
30		2.0	4.6	9.6	18.7	33.3	48.3	57.3	57.3	48.3	33.3	18.7	9.6	4.6	2.0				
20	1.3	2.3	5.8	13.5	30.3	54.4	77.9	93.1	93.1	77.9	54.4	30.3	13.5	5.8	2.3	1.3			
10		2.6	6.8	17.5	41.3	73.5	108.6	133.5	133.5	108.6	73.5	41.3	17.5	6.8	2.6				
0	1.4	2.7	7.3	20.1	47.6	85.5	130.1	163.6	163.6	130.1	85.5	47.6	20.1	7.3	2.7	1.4			
-10		2.7	7.3	20.1	47.6	85.5	130.1	163.6	163.6	130.1	85.5	47.6	20.1	7.3	2.7				
-20	1.3	2.6	6.8	17.5	41.3	73.5	108.6	133.5	133.5	108.6	73.5	41.3	17.5	6.8	2.6	1.3			
-30		2.3	5.8	13.5	30.3	54.4	77.9	93.1	93.1	77.9	54.4	30.3	13.5	5.8	2.3				
-40	1.1	2.0	4.6	9.6	18.7	33.3	48.3	57.3	57.3	48.3	33.3	18.7	9.6	4.6	2.0	1.1			
-50		1.6	3.5	6.6	11.2	17.2	23.7	28.0	28.0	23.7	17.2	11.2	6.6	3.5	1.6				
-60	0.8	1.3	2.6	4.4	6.8	9.4	11.7	13.0	13.0	11.7	9.4	6.8	4.4	2.6	1.3	0.8			
-70		0.9	1.7	2.7	3.9	5.1	6.0	6.4	6.4	6.0	5.1	3.9	2.7	1.7	0.9				
-80															-80				
-90	0.2	1.6		3.7		6.2		5.3		6.2		3.7		1.6		0.2			
	-90	-80	-70	-60	-50	-40	-30	-20	-10	0	10	20	30	40	50	60	70	80	90

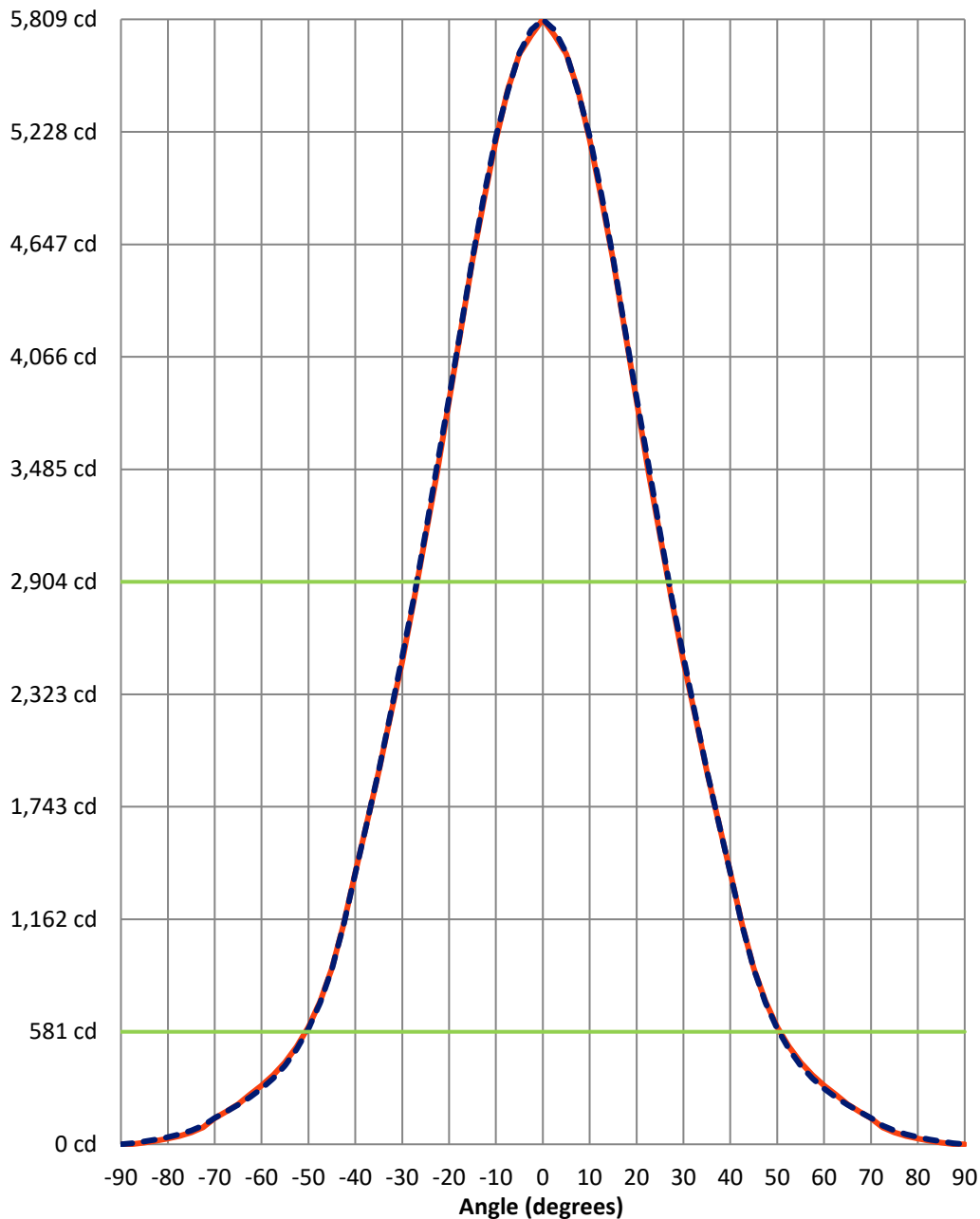
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Luminous Intensity Polar Plot



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Luminous Intensity Plot



Beam:
 H Angle: 53.8°
 V Angle: 53.6°
 Lumens: 2826.6
 Efficiency: 47.8%

Field:
 H Angle: 100.8°
 V Angle: 101.2°
 Lumens: 5217.3
 Efficiency: 88.3%

Spill:
 Lumens: 694.4
 Efficiency: 11.7%

— 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	0.3	0.7	1.1	1.6	2.2	2.8	3.1	3.3	3.5	3.6
85°	0.0	0.6	1.4	2.2	3.2	4.3	5.5	6.1	6.6	7.0	7.3
82.5°	0.0	0.9	2.0	3.3	4.8	6.4	8.3	9.2	10.1	11.7	13.1
80°	0.0	1.2	2.7	4.4	6.4	8.5	11.2	13.9	16.3	18.4	20.3
77.5°	0.0	1.5	3.4	5.5	7.9	11.1	16.0	19.5	22.5	25.1	27.7
75°	0.0	1.7	4.0	6.5	9.6	14.5	20.7	25.1	28.6	32.2	36.0
72.5°	0.0	2.0	4.6	7.6	11.9	17.8	25.2	30.5	34.8	39.3	44.2
70°	0.0	2.3	5.2	8.7	14.1	21.0	29.4	35.7	40.8	46.4	52.8
67.5°	0.0	2.6	5.8	10.0	16.2	24.0	33.1	40.7	46.8	53.6	61.4
65°	0.0	2.8	6.4	11.3	18.2	26.8	36.6	45.7	52.6	60.6	69.5
62.5°	0.0	3.1	7.0	12.5	20.1	29.4	39.9	50.3	58.3	67.3	77.1
60°	0.0	3.3	7.5	13.6	21.8	31.8	43.1	54.8	63.6	73.9	84.4
57.5°	0.0	3.5	8.2	14.7	23.5	34.0	45.9	58.8	69.1	80.2	91.2
55°	0.0	3.8	8.8	15.7	25.0	36.0	48.5	61.9	74.4	86.2	97.6
52.5°	0.0	4.0	9.4	16.6	26.4	37.9	50.8	65.4	79.5	91.9	103.9
50°	0.0	4.2	10.0	17.4	27.7	39.6	53.0	68.7	84.4	97.5	110.8
47.5°	0.0	4.4	10.5	18.2	28.8	41.2	55.0	71.6	89.3	103.0	117.6
45°	0.0	4.6	11.0	18.9	29.8	42.6	57.2	74.3	92.8	108.9	124.2
42.5°	0.0	4.7	11.5	19.6	30.7	43.8	59.3	76.9	96.0	114.6	131.0
40°	0.0	4.9	12.0	20.3	31.5	44.8	61.0	79.4	99.1	119.9	137.6
37.5°	0.0	5.0	12.4	21.0	32.2	45.6	62.5	81.7	102.6	124.0	143.9
35°	0.0	5.2	12.8	21.7	32.7	46.5	63.8	83.8	105.9	128.6	150.3
32.5°	0.0	5.3	13.2	22.3	33.1	47.4	64.9	85.6	109.1	133.3	156.8
30°	0.0	5.4	13.5	22.9	33.5	48.1	66.2	87.3	112.1	138.0	162.9
27.5°	0.0	5.5	13.8	23.3	34.2	48.6	67.2	89.5	115.2	142.7	168.7
25°	0.0	5.6	14.1	23.8	34.9	48.9	68.1	91.4	118.7	147.3	174.1
22.5°	0.0	5.6	14.3	24.1	35.5	49.3	68.6	93.1	122.0	151.5	180.0
20°	0.0	5.7	14.5	24.4	36.0	50.2	69.0	94.6	125.1	155.4	185.3
17.5°	0.0	5.7	14.7	24.7	36.4	50.9	69.7	95.7	128.0	158.7	189.9
15°	0.0	5.8	14.8	24.8	36.8	51.5	70.7	96.8	130.6	161.6	193.9
12.5°	0.0	5.8	14.9	25.0	37.0	51.9	71.3	97.8	132.8	164.0	197.2
10°	0.0	5.8	14.9	25.0	37.2	52.2	71.8	98.4	134.5	166.0	199.9
7.5°	0.0	5.8	15.0	25.0	37.2	52.3	71.9	98.5	135.7	167.6	202.0
5°	0.0	5.8	14.9	24.9	37.2	52.2	71.9	98.2	136.3	168.6	203.4
2.5°	0.0	5.7	14.9	24.8	37.1	52.0	71.5	97.6	136.4	169.2	204.0
0°	0.0	5.7	14.8	24.6	36.9	51.7	71.0	96.5	135.9	169.1	204.0
-2.5°	0.0	5.7	14.9	24.8	37.1	52.0	71.5	97.6	136.4	169.2	204.0
-5°	0.0	5.8	14.9	24.9	37.2	52.2	71.9	98.2	136.3	168.6	203.4
-7.5°	0.0	5.8	15.0	25.0	37.2	52.3	71.9	98.5	135.7	167.6	202.0
-10°	0.0	5.8	14.9	25.0	37.2	52.2	71.8	98.4	134.5	166.0	199.9
-12.5°	0.0	5.8	14.9	25.0	37.0	51.9	71.3	97.8	132.8	164.0	197.2
-15°	0.0	5.8	14.8	24.8	36.8	51.5	70.7	96.8	130.6	161.6	193.9
-17.5°	0.0	5.7	14.7	24.7	36.4	50.9	69.7	95.7	128.0	158.7	189.9
-20°	0.0	5.7	14.5	24.4	36.0	50.2	69.0	94.6	125.1	155.4	185.3

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Scaled Data Report



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CATALOG NUMBER: GFLD-SA1C-740-U-WR-XX

CANDELA DISTRIBUTION (continued):

	-90°	-87.5°	-85°	-82.5°	-80°	-77.5°	-75°	-72.5°	-70°	-67.5°	-65°
-22.5°	0.0	5.6	14.3	24.1	35.5	49.3	68.6	93.1	122.0	151.5	180.0
-25°	0.0	5.6	14.1	23.8	34.9	48.9	68.1	91.4	118.7	147.3	174.1
-27.5°	0.0	5.5	13.8	23.3	34.2	48.6	67.2	89.5	115.2	142.7	168.7
-30°	0.0	5.4	13.5	22.9	33.5	48.1	66.2	87.3	112.1	138.0	162.9
-32.5°	0.0	5.3	13.2	22.3	33.1	47.4	64.9	85.6	109.1	133.3	156.8
-35°	0.0	5.2	12.8	21.7	32.7	46.5	63.8	83.8	105.9	128.6	150.3
-37.5°	0.0	5.0	12.4	21.0	32.2	45.6	62.5	81.7	102.6	124.0	143.9
-40°	0.0	4.9	12.0	20.3	31.5	44.8	61.0	79.4	99.1	119.9	137.6
-42.5°	0.0	4.7	11.5	19.6	30.7	43.8	59.3	76.9	96.0	114.6	131.0
-45°	0.0	4.6	11.0	18.9	29.8	42.6	57.2	74.3	92.8	108.9	124.2
-47.5°	0.0	4.4	10.5	18.2	28.8	41.2	55.0	71.6	89.3	103.0	117.6
-50°	0.0	4.2	10.0	17.4	27.7	39.6	53.0	68.7	84.4	97.5	110.8
-52.5°	0.0	4.0	9.4	16.6	26.4	37.9	50.8	65.4	79.5	91.9	103.9
-55°	0.0	3.8	8.8	15.7	25.0	36.0	48.5	61.9	74.4	86.2	97.6
-57.5°	0.0	3.5	8.2	14.7	23.5	34.0	45.9	58.8	69.1	80.2	91.2
-60°	0.0	3.3	7.5	13.6	21.8	31.8	43.1	54.8	63.6	73.9	84.4
-62.5°	0.0	3.1	7.0	12.5	20.1	29.4	39.9	50.3	58.3	67.3	77.1
-65°	0.0	2.8	6.4	11.3	18.2	26.8	36.6	45.7	52.6	60.6	69.5
-67.5°	0.0	2.6	5.8	10.0	16.2	24.0	33.1	40.7	46.8	53.6	61.4
-70°	0.0	2.3	5.2	8.7	14.1	21.0	29.4	35.7	40.8	46.4	52.8
-72.5°	0.0	2.0	4.6	7.6	11.9	17.8	25.2	30.5	34.8	39.3	44.2
-75°	0.0	1.7	4.0	6.5	9.6	14.5	20.7	25.1	28.6	32.2	36.0
-77.5°	0.0	1.5	3.4	5.5	7.9	11.1	16.0	19.5	22.5	25.1	27.7
-80°	0.0	1.2	2.7	4.4	6.4	8.5	11.2	13.9	16.3	18.4	20.3
-82.5°	0.0	0.9	2.0	3.3	4.8	6.4	8.3	9.2	10.1	11.7	13.1
-85°	0.0	0.6	1.4	2.2	3.2	4.3	5.5	6.1	6.6	7.0	7.3
-87.5°	0.0	0.3	0.7	1.1	1.6	2.2	2.8	3.1	3.3	3.5	3.6
-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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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°	3.7	3.7	3.7	3.6	3.4	3.2	2.9	2.6	2.7	2.8	2.9
85°	7.4	7.4	8.0	8.6	8.9	8.9	8.7	8.3	9.4	10.7	12.0
82.5°	14.5	15.7	16.9	18.0	18.1	17.8	17.3	16.7	18.8	21.5	24.3
80°	22.2	24.0	26.2	28.1	28.6	28.4	27.8	26.7	29.6	33.8	38.2
77.5°	30.8	33.7	36.4	39.0	39.7	39.6	39.1	38.3	42.0	47.6	53.5
75°	39.8	43.4	46.9	50.0	51.3	51.4	51.3	52.2	57.0	63.6	69.5
72.5°	49.3	53.8	57.8	61.2	63.3	64.9	67.1	69.7	74.6	81.1	86.8
70°	59.2	64.2	68.5	72.3	75.5	79.1	83.6	88.1	93.2	99.7	105.7
67.5°	69.1	74.2	78.9	83.6	89.5	95.2	100.8	106.7	113.2	120.0	126.1
65°	78.2	84.0	89.8	96.5	104.2	110.7	117.6	125.3	133.8	141.5	148.5
62.5°	87.0	93.5	100.6	108.8	117.1	125.2	134.6	144.4	154.4	164.0	173.6
60°	94.4	102.5	111.1	120.4	130.0	141.0	152.0	163.7	175.5	187.2	199.0
57.5°	101.5	111.5	121.5	132.2	144.3	156.8	170.0	183.1	197.4	211.4	224.9
55°	108.9	120.7	132.1	144.8	158.5	173.3	188.1	204.1	219.9	237.5	253.9
52.5°	116.8	129.6	143.0	157.5	173.6	190.2	207.7	226.0	245.6	265.2	285.1
50°	124.5	139.0	153.8	171.2	189.2	208.2	228.3	249.7	272.4	295.2	319.3
47.5°	132.6	148.0	166.1	185.0	205.6	227.3	250.1	275.4	300.7	329.4	357.1
45°	140.5	158.2	177.9	199.9	222.5	246.9	273.9	301.8	334.1	366.5	402.9
42.5°	148.1	168.5	190.8	214.2	240.0	268.0	297.9	333.0	369.5	409.5	452.2
40°	156.9	178.4	203.5	229.7	257.6	289.6	325.7	364.6	409.0	456.5	505.0
37.5°	165.3	189.6	216.0	244.5	276.8	312.8	352.7	400.4	451.6	505.6	571.6
35°	173.3	200.2	228.9	260.1	295.1	336.8	384.5	437.2	496.3	565.9	642.9
32.5°	181.8	210.2	241.1	276.0	315.7	361.3	415.4	477.5	547.4	626.7	723.0
30°	190.3	220.6	253.2	290.9	335.1	387.9	449.4	518.0	598.4	697.9	811.0
27.5°	198.2	230.2	265.9	306.8	354.0	412.4	482.1	562.5	657.2	769.6	901.8
25°	205.4	239.0	277.6	321.9	374.8	438.9	514.4	603.5	716.1	850.0	1012.6
22.5°	212.3	247.1	288.2	335.5	393.6	464.5	549.5	651.5	775.9	926.2	1121.2
20°	218.8	255.7	298.8	348.5	410.4	487.7	581.8	696.2	837.8	1015.8	1227.7
17.5°	224.5	263.3	308.7	362.5	429.1	511.2	612.2	735.8	892.9	1095.9	1326.0
15°	229.4	269.9	317.4	374.7	445.9	534.5	644.2	779.1	950.4	1168.6	1412.3
12.5°	233.4	275.4	324.6	384.9	460.1	554.3	671.5	817.7	1006.5	1237.1	1488.0
10°	236.7	279.9	330.5	393.2	471.5	570.4	694.0	849.3	1053.1	1295.9	1552.1
7.5°	239.4	283.3	334.9	399.4	480.1	582.6	711.5	873.7	1089.5	1342.4	1601.3
5°	241.3	285.8	338.3	403.8	486.4	591.2	723.7	890.7	1115.4	1376.1	1634.9
2.5°	242.4	287.2	340.2	406.1	490.3	596.0	730.2	901.4	1129.6	1395.3	1655.2
0°	242.6	287.4	340.7	406.4	491.4	596.9	731.2	904.8	1132.6	1400.3	1662.6
-2.5°	242.4	287.2	340.2	406.1	490.3	596.0	730.2	901.4	1129.6	1395.3	1655.2
-5°	241.3	285.8	338.3	403.8	486.4	591.2	723.7	890.7	1115.4	1376.1	1634.9
-7.5°	239.4	283.3	334.9	399.4	480.1	582.6	711.5	873.7	1089.5	1342.4	1601.3
-10°	236.7	279.9	330.5	393.2	471.5	570.4	694.0	849.3	1053.1	1295.9	1552.1
-12.5°	233.4	275.4	324.6	384.9	460.1	554.3	671.5	817.7	1006.5	1237.1	1488.0
-15°	229.4	269.9	317.4	374.7	445.9	534.5	644.2	779.1	950.4	1168.6	1412.3
-17.5°	224.5	263.3	308.7	362.5	429.1	511.2	612.2	735.8	892.9	1095.9	1326.0
-20°	218.8	255.7	298.8	348.5	410.4	487.7	581.8	696.2	837.8	1015.8	1227.7

Classified

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

Scaled Data Report



REPORT NUMBER: P626693 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA1C-740-U-WR-XX

CANDELA DISTRIBUTION (continued):

	-62.5°	-60°	-57.5°	-55°	-52.5°	-50°	-47.5°	-45°	-42.5°	-40°	-37.5°
-22.5°	212.3	247.1	288.2	335.5	393.6	464.5	549.5	651.5	775.9	926.2	1121.2
-25°	205.4	239.0	277.6	321.9	374.8	438.9	514.4	603.5	716.1	850.0	1012.6
-27.5°	198.2	230.2	265.9	306.8	354.0	412.4	482.1	562.5	657.2	769.6	901.8
-30°	190.3	220.6	253.2	290.9	335.1	387.9	449.4	518.0	598.4	697.9	811.0
-32.5°	181.8	210.2	241.1	276.0	315.7	361.3	415.4	477.5	547.4	626.7	723.0
-35°	173.3	200.2	228.9	260.1	295.1	336.8	384.5	437.2	496.3	565.9	642.9
-37.5°	165.3	189.6	216.0	244.5	276.8	312.8	352.7	400.4	451.6	505.6	571.6
-40°	156.9	178.4	203.5	229.7	257.6	289.6	325.7	364.6	409.0	456.5	505.0
-42.5°	148.1	168.5	190.8	214.2	240.0	268.0	297.9	333.0	369.5	409.5	452.2
-45°	140.5	158.2	177.9	199.9	222.5	246.9	273.9	301.8	334.1	366.5	402.9
-47.5°	132.6	148.0	166.1	185.0	205.6	227.3	250.1	275.4	300.7	329.4	357.1
-50°	124.5	139.0	153.8	171.2	189.2	208.2	228.3	249.7	272.4	295.2	319.3
-52.5°	116.8	129.6	143.0	157.5	173.6	190.2	207.7	226.0	245.6	265.2	285.1
-55°	108.9	120.7	132.1	144.8	158.5	173.3	188.1	204.1	219.9	237.5	253.9
-57.5°	101.5	111.5	121.5	132.2	144.3	156.8	170.0	183.1	197.4	211.4	224.9
-60°	94.4	102.5	111.1	120.4	130.0	141.0	152.0	163.7	175.5	187.2	199.0
-62.5°	87.0	93.5	100.6	108.8	117.1	125.2	134.6	144.4	154.4	164.0	173.6
-65°	78.2	84.0	89.8	96.5	104.2	110.7	117.6	125.3	133.8	141.5	148.5
-67.5°	69.1	74.2	78.9	83.6	89.5	95.2	100.8	106.7	113.2	120.0	126.1
-70°	59.2	64.2	68.5	72.3	75.5	79.1	83.6	88.1	93.2	99.7	105.7
-72.5°	49.3	53.8	57.8	61.2	63.3	64.9	67.1	69.7	74.6	81.1	86.8
-75°	39.8	43.4	46.9	50.0	51.3	51.4	51.3	52.2	57.0	63.6	69.5
-77.5°	30.8	33.7	36.4	39.0	39.7	39.6	39.1	38.3	42.0	47.6	53.5
-80°	22.2	24.0	26.2	28.1	28.6	28.4	27.8	26.7	29.6	33.8	38.2
-82.5°	14.5	15.7	16.9	18.0	18.1	17.8	17.3	16.7	18.8	21.5	24.3
-85°	7.4	7.4	8.0	8.6	8.9	8.9	8.7	8.3	9.4	10.7	12.0
-87.5°	3.7	3.7	3.7	3.6	3.4	3.2	2.9	2.6	2.7	2.8	2.9
-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: P626693 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA1C-740-U-WR-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°	3.0	3.0	2.9	2.8	2.6	2.6	2.5	2.5	2.4	2.2	2.0
85°	13.4	13.7	13.8	13.9	13.9	14.3	14.7	15.1	15.5	14.0	12.4
82.5°	27.2	28.4	29.6	30.7	31.8	32.5	33.1	33.5	33.7	30.5	27.0
80°	42.8	45.4	47.6	49.7	51.8	52.3	52.3	52.0	51.4	47.1	42.1
77.5°	59.4	62.9	65.7	68.5	71.2	72.2	72.7	73.1	73.3	67.9	61.2
75°	74.6	78.8	82.7	86.3	89.6	91.4	92.4	93.3	93.9	88.5	81.3
72.5°	91.8	96.3	100.5	104.5	108.0	110.3	111.9	113.2	114.2	111.1	106.6
70°	110.8	115.4	119.8	124.0	128.0	131.2	133.7	135.8	137.6	137.9	137.7
67.5°	131.9	137.3	142.6	147.2	151.9	156.4	160.3	163.5	166.1	167.8	168.8
65°	155.6	163.7	171.0	177.1	182.2	188.1	193.4	197.3	200.2	202.3	204.1
62.5°	183.5	193.3	201.6	209.8	218.2	226.4	231.5	236.6	241.7	246.4	250.5
60°	210.3	221.1	232.3	242.8	252.4	261.3	270.5	278.7	285.8	291.8	296.2
57.5°	239.0	252.1	264.8	278.1	290.5	302.2	313.5	324.0	333.1	340.7	346.9
55°	270.0	286.0	301.2	318.0	334.3	349.2	362.8	376.9	389.5	400.6	409.5
52.5°	303.4	324.3	344.4	364.1	385.3	404.3	421.4	440.9	458.1	472.3	483.4
50°	343.4	368.0	394.4	418.9	445.6	471.8	496.0	519.4	542.3	562.2	578.2
47.5°	388.9	419.1	451.9	484.4	517.5	553.3	585.3	615.1	647.1	675.0	697.3
45°	439.5	478.1	517.7	563.2	605.3	651.3	694.0	732.3	777.8	817.8	850.1
42.5°	495.7	547.0	599.0	656.5	712.2	770.7	832.9	888.0	948.3	1005.8	1052.2
40°	565.2	626.6	696.3	765.8	845.8	920.9	1011.5	1093.8	1168.5	1237.1	1293.2
37.5°	642.5	721.5	809.1	899.6	1009.1	1116.4	1222.4	1322.4	1410.8	1485.8	1548.8
35°	730.3	830.7	936.7	1068.9	1197.2	1325.7	1445.4	1554.8	1650.9	1735.5	1807.5
32.5°	831.2	951.7	1100.2	1248.7	1395.0	1536.5	1667.9	1787.2	1892.6	1987.6	2070.4
30°	937.4	1101.7	1268.4	1431.3	1591.1	1746.1	1890.3	2021.7	2140.8	2246.5	2341.9
27.5°	1072.2	1254.4	1436.1	1611.7	1787.5	1957.1	2113.5	2259.4	2396.0	2515.6	2624.6
25°	1202.7	1403.9	1597.1	1788.6	1979.9	2162.1	2336.8	2501.7	2658.2	2795.4	2917.1
22.5°	1333.1	1543.7	1750.1	1956.0	2161.6	2364.6	2560.9	2749.8	2924.8	3081.0	3218.0
20°	1453.9	1674.1	1894.8	2116.8	2339.6	2561.8	2782.2	2994.8	3189.8	3370.2	3528.7
17.5°	1562.2	1796.4	2030.4	2267.9	2509.4	2750.6	2995.5	3233.8	3456.7	3661.9	3845.8
15°	1658.1	1902.5	2153.8	2410.0	2669.4	2931.4	3198.6	3465.2	3716.1	3949.2	4154.6
12.5°	1742.0	1996.0	2259.4	2531.7	2813.1	3098.6	3390.3	3682.5	3960.2	4229.4	4451.0
10°	1811.2	2075.5	2350.8	2636.9	2933.8	3241.0	3553.9	3868.4	4174.5	4460.0	4713.5
7.5°	1864.6	2138.9	2422.6	2720.1	3031.5	3355.5	3687.0	4020.8	4347.4	4655.0	4935.5
5°	1902.3	2185.0	2472.2	2781.8	3104.0	3439.7	3784.2	4132.1	4473.5	4797.0	5087.7
2.5°	1924.1	2212.7	2501.2	2819.2	3147.1	3490.7	3844.5	4198.1	4548.5	4884.0	5182.7
0°	1929.9	2221.0	2517.8	2823.2	3160.7	3514.5	3855.7	4210.4	4574.5	4905.4	5203.0
-2.5°	1924.1	2212.7	2501.2	2819.2	3147.1	3490.7	3844.5	4198.1	4548.5	4884.0	5182.7
-5°	1902.3	2185.0	2472.2	2781.8	3104.0	3439.7	3784.2	4132.1	4473.5	4797.0	5087.7
-7.5°	1864.6	2138.9	2422.6	2720.1	3031.5	3355.5	3687.0	4020.8	4347.4	4655.0	4935.5
-10°	1811.2	2075.5	2350.8	2636.9	2933.8	3241.0	3553.9	3868.4	4174.5	4460.0	4713.5
-12.5°	1742.0	1996.0	2259.4	2531.7	2813.1	3098.6	3390.3	3682.5	3960.2	4229.4	4451.0
-15°	1658.1	1902.5	2153.8	2410.0	2669.4	2931.4	3198.6	3465.2	3716.1	3949.2	4154.6
-17.5°	1562.2	1796.4	2030.4	2267.9	2509.4	2750.6	2995.5	3233.8	3456.7	3661.9	3845.8
-20°	1453.9	1674.1	1894.8	2116.8	2339.6	2561.8	2782.2	2994.8	3189.8	3370.2	3528.7

Classified

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

Scaled Data Report



REPORT NUMBER: P626693 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA1C-740-U-WR-XX

CANDELA DISTRIBUTION (continued):

	-35°	-32.5°	-30°	-27.5°	-25°	-22.5°	-20°	-17.5°	-15°	-12.5°	-10°
-22.5°	1333.1	1543.7	1750.1	1956.0	2161.6	2364.6	2560.9	2749.8	2924.8	3081.0	3218.0
-25°	1202.7	1403.9	1597.1	1788.6	1979.9	2162.1	2336.8	2501.7	2658.2	2795.4	2917.1
-27.5°	1072.2	1254.4	1436.1	1611.7	1787.5	1957.1	2113.5	2259.4	2396.0	2515.6	2624.6
-30°	937.4	1101.7	1268.4	1431.3	1591.1	1746.1	1890.3	2021.7	2140.8	2246.5	2341.9
-32.5°	831.2	951.7	1100.2	1248.7	1395.0	1536.5	1667.9	1787.2	1892.6	1987.6	2070.4
-35°	730.3	830.7	936.7	1068.9	1197.2	1325.7	1445.4	1554.8	1650.9	1735.5	1807.5
-37.5°	642.5	721.5	809.1	899.6	1009.1	1116.4	1222.4	1322.4	1410.8	1485.8	1548.8
-40°	565.2	626.6	696.3	765.8	845.8	920.9	1011.5	1093.8	1168.5	1237.1	1293.2
-42.5°	495.7	547.0	599.0	656.5	712.2	770.7	832.9	888.0	948.3	1005.8	1052.2
-45°	439.5	478.1	517.7	563.2	605.3	651.3	694.0	732.3	777.8	817.8	850.1
-47.5°	388.9	419.1	451.9	484.4	517.5	553.3	585.3	615.1	647.1	675.0	697.3
-50°	343.4	368.0	394.4	418.9	445.6	471.8	496.0	519.4	542.3	562.2	578.2
-52.5°	303.4	324.3	344.4	364.1	385.3	404.3	421.4	440.9	458.1	472.3	483.4
-55°	270.0	286.0	301.2	318.0	334.3	349.2	362.8	376.9	389.5	400.6	409.5
-57.5°	239.0	252.1	264.8	278.1	290.5	302.2	313.5	324.0	333.1	340.7	346.9
-60°	210.3	221.1	232.3	242.8	252.4	261.3	270.5	278.7	285.8	291.8	296.2
-62.5°	183.5	193.3	201.6	209.8	218.2	226.4	231.5	236.6	241.7	246.4	250.5
-65°	155.6	163.7	171.0	177.1	182.2	188.1	193.4	197.3	200.2	202.3	204.1
-67.5°	131.9	137.3	142.6	147.2	151.9	156.4	160.3	163.5	166.1	167.8	168.8
-70°	110.8	115.4	119.8	124.0	128.0	131.2	133.7	135.8	137.6	137.9	137.7
-72.5°	91.8	96.3	100.5	104.5	108.0	110.3	111.9	113.2	114.2	111.1	106.6
-75°	74.6	78.8	82.7	86.3	89.6	91.4	92.4	93.3	93.9	88.5	81.3
-77.5°	59.4	62.9	65.7	68.5	71.2	72.2	72.7	73.1	73.3	67.9	61.2
-80°	42.8	45.4	47.6	49.7	51.8	52.3	52.3	52.0	51.4	47.1	42.1
-82.5°	27.2	28.4	29.6	30.7	31.8	32.5	33.1	33.5	33.7	30.5	27.0
-85°	13.4	13.7	13.8	13.9	13.9	14.3	14.7	15.1	15.5	14.0	12.4
-87.5°	3.0	3.0	2.9	2.8	2.6	2.6	2.5	2.5	2.4	2.2	2.0
-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: P626693 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA1C-740-U-WR-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°	1.8	1.6	1.4	1.2	1.4	1.6	1.8	2.0	2.2	2.4	2.5
85°	10.7	9.0	8.8	8.6	8.8	9.0	10.7	12.4	14.0	15.5	15.1
82.5°	23.2	19.3	18.7	18.1	18.7	19.3	23.2	27.0	30.5	33.7	33.5
80°	36.9	31.6	30.6	29.6	30.6	31.6	36.9	42.1	47.1	51.4	52.0
77.5°	54.2	46.9	44.7	42.7	44.7	46.9	54.2	61.2	67.9	73.3	73.1
75°	73.9	66.2	63.6	61.2	63.6	66.2	73.9	81.3	88.5	93.9	93.3
72.5°	102.1	97.4	92.6	87.4	92.6	97.4	102.1	106.6	111.1	114.2	113.2
70°	137.6	137.2	136.0	134.2	136.0	137.2	137.6	137.7	137.9	137.6	135.8
67.5°	169.2	169.1	169.5	169.5	169.5	169.1	169.2	168.8	167.8	166.1	163.5
65°	205.3	205.7	206.5	206.9	206.5	205.7	205.3	204.1	202.3	200.2	197.3
62.5°	253.6	255.7	256.7	256.6	256.7	255.7	253.6	250.5	246.4	241.7	236.6
60°	299.5	301.7	303.0	303.4	303.0	301.7	299.5	296.2	291.8	285.8	278.7
57.5°	351.8	355.4	357.3	357.6	357.3	355.4	351.8	346.9	340.7	333.1	324.0
55°	416.2	421.0	423.1	422.8	423.1	421.0	416.2	409.5	400.6	389.5	376.9
52.5°	491.8	497.6	501.9	504.5	501.9	497.6	491.8	483.4	472.3	458.1	440.9
50°	590.3	598.5	603.8	605.9	603.8	598.5	590.3	578.2	562.2	542.3	519.4
47.5°	713.4	724.4	732.5	738.1	732.5	724.4	713.4	697.3	675.0	647.1	615.1
45°	873.9	890.6	901.9	908.5	901.9	890.6	873.9	850.1	817.8	777.8	732.3
42.5°	1088.5	1114.4	1130.2	1136.3	1130.2	1114.4	1088.5	1052.2	1005.8	948.3	888.0
40°	1337.6	1368.7	1389.1	1403.2	1389.1	1368.7	1337.6	1293.2	1237.1	1168.5	1093.8
37.5°	1597.0	1629.7	1649.6	1663.0	1649.6	1629.7	1597.0	1548.8	1485.8	1410.8	1322.4
35°	1861.7	1895.9	1914.5	1925.0	1914.5	1895.9	1861.7	1807.5	1735.5	1650.9	1554.8
32.5°	2133.5	2171.1	2191.4	2212.3	2191.4	2171.1	2133.5	2070.4	1987.6	1892.6	1787.2
30°	2417.2	2460.4	2481.7	2491.9	2481.7	2460.4	2417.2	2341.9	2246.5	2140.8	2021.7
27.5°	2712.5	2766.4	2793.0	2810.5	2793.0	2766.4	2712.5	2624.6	2515.6	2396.0	2259.4
25°	3019.8	3086.6	3117.0	3144.2	3117.0	3086.6	3019.8	2917.1	2795.4	2658.2	2501.7
22.5°	3338.6	3421.8	3457.0	3476.3	3457.0	3421.8	3338.6	3218.0	3081.0	2924.8	2749.8
20°	3665.8	3765.1	3814.1	3839.3	3814.1	3765.1	3665.8	3528.7	3370.2	3189.8	2994.8
17.5°	4000.3	4123.9	4187.2	4201.8	4187.2	4123.9	4000.3	3845.8	3661.9	3456.7	3233.8
15°	4328.7	4462.4	4537.2	4564.7	4537.2	4462.4	4328.7	4154.6	3949.2	3716.1	3465.2
12.5°	4639.7	4778.3	4867.7	4883.6	4867.7	4778.3	4639.7	4451.0	4229.4	3960.2	3682.5
10°	4921.8	5065.3	5164.1	5186.6	5164.1	5065.3	4921.8	4713.5	4460.0	4174.5	3868.4
7.5°	5157.6	5315.1	5424.2	5443.2	5424.2	5315.1	5157.6	4935.5	4655.0	4347.4	4020.8
5°	5330.1	5517.1	5606.7	5629.2	5606.7	5517.1	5330.1	5087.7	4797.0	4473.5	4132.1
2.5°	5424.7	5615.1	5739.6	5725.2	5739.6	5615.1	5424.7	5182.7	4884.0	4548.5	4198.1
0°	5435.4	5634.5	5753.5	5808.6	5753.5	5634.5	5435.4	5203.0	4905.4	4574.5	4210.4
-2.5°	5424.7	5615.1	5739.6	5725.2	5739.6	5615.1	5424.7	5182.7	4884.0	4548.5	4198.1
-5°	5330.1	5517.1	5606.7	5629.2	5606.7	5517.1	5330.1	5087.7	4797.0	4473.5	4132.1
-7.5°	5157.6	5315.1	5424.2	5443.2	5424.2	5315.1	5157.6	4935.5	4655.0	4347.4	4020.8
-10°	4921.8	5065.3	5164.1	5186.6	5164.1	5065.3	4921.8	4713.5	4460.0	4174.5	3868.4
-12.5°	4639.7	4778.3	4867.7	4883.6	4867.7	4778.3	4639.7	4451.0	4229.4	3960.2	3682.5
-15°	4328.7	4462.4	4537.2	4564.7	4537.2	4462.4	4328.7	4154.6	3949.2	3716.1	3465.2
-17.5°	4000.3	4123.9	4187.2	4201.8	4187.2	4123.9	4000.3	3845.8	3661.9	3456.7	3233.8
-20°	3665.8	3765.1	3814.1	3839.3	3814.1	3765.1	3665.8	3528.7	3370.2	3189.8	2994.8

Classified

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

Scaled Data Report



REPORT NUMBER: P626693 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA1C-740-U-WR-XX

CANDELA DISTRIBUTION (continued):

	-7.5°	-5°	-2.5°	0°	2.5°	5°	7.5°	10°	12.5°	15°	17.5°
-22.5°	3338.6	3421.8	3457.0	3476.3	3457.0	3421.8	3338.6	3218.0	3081.0	2924.8	2749.8
-25°	3019.8	3086.6	3117.0	3144.2	3117.0	3086.6	3019.8	2917.1	2795.4	2658.2	2501.7
-27.5°	2712.5	2766.4	2793.0	2810.5	2793.0	2766.4	2712.5	2624.6	2515.6	2396.0	2259.4
-30°	2417.2	2460.4	2481.7	2491.9	2481.7	2460.4	2417.2	2341.9	2246.5	2140.8	2021.7
-32.5°	2133.5	2171.1	2191.4	2212.3	2191.4	2171.1	2133.5	2070.4	1987.6	1892.6	1787.2
-35°	1861.7	1895.9	1914.5	1925.0	1914.5	1895.9	1861.7	1807.5	1735.5	1650.9	1554.8
-37.5°	1597.0	1629.7	1649.6	1663.0	1649.6	1629.7	1597.0	1548.8	1485.8	1410.8	1322.4
-40°	1337.6	1368.7	1389.1	1403.2	1389.1	1368.7	1337.6	1293.2	1237.1	1168.5	1093.8
-42.5°	1088.5	1114.4	1130.2	1136.3	1130.2	1114.4	1088.5	1052.2	1005.8	948.3	888.0
-45°	873.9	890.6	901.9	908.5	901.9	890.6	873.9	850.1	817.8	777.8	732.3
-47.5°	713.4	724.4	732.5	738.1	732.5	724.4	713.4	697.3	675.0	647.1	615.1
-50°	590.3	598.5	603.8	605.9	603.8	598.5	590.3	578.2	562.2	542.3	519.4
-52.5°	491.8	497.6	501.9	504.5	501.9	497.6	491.8	483.4	472.3	458.1	440.9
-55°	416.2	421.0	423.1	422.8	423.1	421.0	416.2	409.5	400.6	389.5	376.9
-57.5°	351.8	355.4	357.3	357.6	357.3	355.4	351.8	346.9	340.7	333.1	324.0
-60°	299.5	301.7	303.0	303.4	303.0	301.7	299.5	296.2	291.8	285.8	278.7
-62.5°	253.6	255.7	256.7	256.6	256.7	255.7	253.6	250.5	246.4	241.7	236.6
-65°	205.3	205.7	206.5	206.9	206.5	205.7	205.3	204.1	202.3	200.2	197.3
-67.5°	169.2	169.1	169.5	169.5	169.5	169.1	169.2	168.8	167.8	166.1	163.5
-70°	137.6	137.2	136.0	134.2	136.0	137.2	137.6	137.7	137.9	137.6	135.8
-72.5°	102.1	97.4	92.6	87.4	92.6	97.4	102.1	106.6	111.1	114.2	113.2
-75°	73.9	66.2	63.6	61.2	63.6	66.2	73.9	81.3	88.5	93.9	93.3
-77.5°	54.2	46.9	44.7	42.7	44.7	46.9	54.2	61.2	67.9	73.3	73.1
-80°	36.9	31.6	30.6	29.6	30.6	31.6	36.9	42.1	47.1	51.4	52.0
-82.5°	23.2	19.3	18.7	18.1	18.7	19.3	23.2	27.0	30.5	33.7	33.5
-85°	10.7	9.0	8.8	8.6	8.8	9.0	10.7	12.4	14.0	15.5	15.1
-87.5°	1.8	1.6	1.4	1.2	1.4	1.6	1.8	2.0	2.2	2.4	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



REPORT NUMBER: P626693 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA1C-740-U-WR-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°	2.5	2.6	2.6	2.8	2.9	3.0	3.0	2.9	2.8	2.7	2.6
85°	14.7	14.3	13.9	13.9	13.8	13.7	13.4	12.0	10.7	9.4	8.3
82.5°	33.1	32.5	31.8	30.7	29.6	28.4	27.2	24.3	21.5	18.8	16.7
80°	52.3	52.3	51.8	49.7	47.6	45.4	42.8	38.2	33.8	29.6	26.7
77.5°	72.7	72.2	71.2	68.5	65.7	62.9	59.4	53.5	47.6	42.0	38.3
75°	92.4	91.4	89.6	86.3	82.7	78.8	74.6	69.5	63.6	57.0	52.2
72.5°	111.9	110.3	108.0	104.5	100.5	96.3	91.8	86.8	81.1	74.6	69.7
70°	133.7	131.2	128.0	124.0	119.8	115.4	110.8	105.7	99.7	93.2	88.1
67.5°	160.3	156.4	151.9	147.2	142.6	137.3	131.9	126.1	120.0	113.2	106.7
65°	193.4	188.1	182.2	177.1	171.0	163.7	155.6	148.5	141.5	133.8	125.3
62.5°	231.5	226.4	218.2	209.8	201.6	193.3	183.5	173.6	164.0	154.4	144.4
60°	270.5	261.3	252.4	242.8	232.3	221.1	210.3	199.0	187.2	175.5	163.7
57.5°	313.5	302.2	290.5	278.1	264.8	252.1	239.0	224.9	211.4	197.4	183.1
55°	362.8	349.2	334.3	318.0	301.2	286.0	270.0	253.9	237.5	219.9	204.1
52.5°	421.4	404.3	385.3	364.1	344.4	324.3	303.4	285.1	265.2	245.6	226.0
50°	496.0	471.8	445.6	418.9	394.4	368.0	343.4	319.3	295.2	272.4	249.7
47.5°	585.3	553.3	517.5	484.4	451.9	419.1	388.9	357.1	329.4	300.7	275.4
45°	694.0	651.3	605.3	563.2	517.7	478.1	439.5	402.9	366.5	334.1	301.8
42.5°	832.9	770.7	712.2	656.5	599.0	547.0	495.7	452.2	409.5	369.5	333.0
40°	1011.5	920.9	845.8	765.8	696.3	626.6	565.2	505.0	456.5	409.0	364.6
37.5°	1222.4	1116.4	1009.1	899.6	809.1	721.5	642.5	571.6	505.6	451.6	400.4
35°	1445.4	1325.7	1197.2	1068.9	936.7	830.7	730.3	642.9	565.9	496.3	437.2
32.5°	1667.9	1536.5	1395.0	1248.7	1100.2	951.7	831.2	723.0	626.7	547.4	477.5
30°	1890.3	1746.1	1591.1	1431.3	1268.4	1101.7	937.4	811.0	697.9	598.4	518.0
27.5°	2113.5	1957.1	1787.5	1611.7	1436.1	1254.4	1072.2	901.8	769.6	657.2	562.5
25°	2336.8	2162.1	1979.9	1788.6	1597.1	1403.9	1202.7	1012.6	850.0	716.1	603.5
22.5°	2560.9	2364.6	2161.6	1956.0	1750.1	1543.7	1333.1	1121.2	926.2	775.9	651.5
20°	2782.2	2561.8	2339.6	2116.8	1894.8	1674.1	1453.9	1227.7	1015.8	837.8	696.2
17.5°	2995.5	2750.6	2509.4	2267.9	2030.4	1796.4	1562.2	1326.0	1095.9	892.9	735.8
15°	3198.6	2931.4	2669.4	2410.0	2153.8	1902.5	1658.1	1412.3	1168.6	950.4	779.1
12.5°	3390.3	3098.6	2813.1	2531.7	2259.4	1996.0	1742.0	1488.0	1237.1	1006.5	817.7
10°	3553.9	3241.0	2933.8	2636.9	2350.8	2075.5	1811.2	1552.1	1295.9	1053.1	849.3
7.5°	3687.0	3355.5	3031.5	2720.1	2422.6	2138.9	1864.6	1601.3	1342.4	1089.5	873.7
5°	3784.2	3439.7	3104.0	2781.8	2472.2	2185.0	1902.3	1634.9	1376.1	1115.4	890.7
2.5°	3844.5	3490.7	3147.1	2819.2	2501.2	2212.7	1924.1	1655.2	1395.3	1129.6	901.4
0°	3855.7	3514.5	3160.7	2823.2	2517.8	2221.0	1929.9	1662.6	1400.3	1132.6	904.8
-2.5°	3844.5	3490.7	3147.1	2819.2	2501.2	2212.7	1924.1	1655.2	1395.3	1129.6	901.4
-5°	3784.2	3439.7	3104.0	2781.8	2472.2	2185.0	1902.3	1634.9	1376.1	1115.4	890.7
-7.5°	3687.0	3355.5	3031.5	2720.1	2422.6	2138.9	1864.6	1601.3	1342.4	1089.5	873.7
-10°	3553.9	3241.0	2933.8	2636.9	2350.8	2075.5	1811.2	1552.1	1295.9	1053.1	849.3
-12.5°	3390.3	3098.6	2813.1	2531.7	2259.4	1996.0	1742.0	1488.0	1237.1	1006.5	817.7
-15°	3198.6	2931.4	2669.4	2410.0	2153.8	1902.5	1658.1	1412.3	1168.6	950.4	779.1
-17.5°	2995.5	2750.6	2509.4	2267.9	2030.4	1796.4	1562.2	1326.0	1095.9	892.9	735.8
-20°	2782.2	2561.8	2339.6	2116.8	1894.8	1674.1	1453.9	1227.7	1015.8	837.8	696.2

Classified

Cooper Lighting Solutions Photometric Lab
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Scaled Data Report



REPORT NUMBER: P626693 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA1C-740-U-WR-XX

CANDELA DISTRIBUTION (continued):

	20°	22.5°	25°	27.5°	30°	32.5°	35°	37.5°	40°	42.5°	45°
-22.5°	2560.9	2364.6	2161.6	1956.0	1750.1	1543.7	1333.1	1121.2	926.2	775.9	651.5
-25°	2336.8	2162.1	1979.9	1788.6	1597.1	1403.9	1202.7	1012.6	850.0	716.1	603.5
-27.5°	2113.5	1957.1	1787.5	1611.7	1436.1	1254.4	1072.2	901.8	769.6	657.2	562.5
-30°	1890.3	1746.1	1591.1	1431.3	1268.4	1101.7	937.4	811.0	697.9	598.4	518.0
-32.5°	1667.9	1536.5	1395.0	1248.7	1100.2	951.7	831.2	723.0	626.7	547.4	477.5
-35°	1445.4	1325.7	1197.2	1068.9	936.7	830.7	730.3	642.9	565.9	496.3	437.2
-37.5°	1222.4	1116.4	1009.1	899.6	809.1	721.5	642.5	571.6	505.6	451.6	400.4
-40°	1011.5	920.9	845.8	765.8	696.3	626.6	565.2	505.0	456.5	409.0	364.6
-42.5°	832.9	770.7	712.2	656.5	599.0	547.0	495.7	452.2	409.5	369.5	333.0
-45°	694.0	651.3	605.3	563.2	517.7	478.1	439.5	402.9	366.5	334.1	301.8
-47.5°	585.3	553.3	517.5	484.4	451.9	419.1	388.9	357.1	329.4	300.7	275.4
-50°	496.0	471.8	445.6	418.9	394.4	368.0	343.4	319.3	295.2	272.4	249.7
-52.5°	421.4	404.3	385.3	364.1	344.4	324.3	303.4	285.1	265.2	245.6	226.0
-55°	362.8	349.2	334.3	318.0	301.2	286.0	270.0	253.9	237.5	219.9	204.1
-57.5°	313.5	302.2	290.5	278.1	264.8	252.1	239.0	224.9	211.4	197.4	183.1
-60°	270.5	261.3	252.4	242.8	232.3	221.1	210.3	199.0	187.2	175.5	163.7
-62.5°	231.5	226.4	218.2	209.8	201.6	193.3	183.5	173.6	164.0	154.4	144.4
-65°	193.4	188.1	182.2	177.1	171.0	163.7	155.6	148.5	141.5	133.8	125.3
-67.5°	160.3	156.4	151.9	147.2	142.6	137.3	131.9	126.1	120.0	113.2	106.7
-70°	133.7	131.2	128.0	124.0	119.8	115.4	110.8	105.7	99.7	93.2	88.1
-72.5°	111.9	110.3	108.0	104.5	100.5	96.3	91.8	86.8	81.1	74.6	69.7
-75°	92.4	91.4	89.6	86.3	82.7	78.8	74.6	69.5	63.6	57.0	52.2
-77.5°	72.7	72.2	71.2	68.5	65.7	62.9	59.4	53.5	47.6	42.0	38.3
-80°	52.3	52.3	51.8	49.7	47.6	45.4	42.8	38.2	33.8	29.6	26.7
-82.5°	33.1	32.5	31.8	30.7	29.6	28.4	27.2	24.3	21.5	18.8	16.7
-85°	14.7	14.3	13.9	13.9	13.8	13.7	13.4	12.0	10.7	9.4	8.3
-87.5°	2.5	2.6	2.6	2.8	2.9	3.0	3.0	2.9	2.8	2.7	2.6
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



REPORT NUMBER: P626693 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA1C-740-U-WR-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°	2.9	3.2	3.4	3.6	3.7	3.7	3.7	3.6	3.5	3.3	3.1
85°	8.7	8.9	8.9	8.6	8.0	7.4	7.4	7.3	7.0	6.6	6.1
82.5°	17.3	17.8	18.1	18.0	16.9	15.7	14.5	13.1	11.7	10.1	9.2
80°	27.8	28.4	28.6	28.1	26.2	24.0	22.2	20.3	18.4	16.3	13.9
77.5°	39.1	39.6	39.7	39.0	36.4	33.7	30.8	27.7	25.1	22.5	19.5
75°	51.3	51.4	51.3	50.0	46.9	43.4	39.8	36.0	32.2	28.6	25.1
72.5°	67.1	64.9	63.3	61.2	57.8	53.8	49.3	44.2	39.3	34.8	30.5
70°	83.6	79.1	75.5	72.3	68.5	64.2	59.2	52.8	46.4	40.8	35.7
67.5°	100.8	95.2	89.5	83.6	78.9	74.2	69.1	61.4	53.6	46.8	40.7
65°	117.6	110.7	104.2	96.5	89.8	84.0	78.2	69.5	60.6	52.6	45.7
62.5°	134.6	125.2	117.1	108.8	100.6	93.5	87.0	77.1	67.3	58.3	50.3
60°	152.0	141.0	130.0	120.4	111.1	102.5	94.4	84.4	73.9	63.6	54.8
57.5°	170.0	156.8	144.3	132.2	121.5	111.5	101.5	91.2	80.2	69.1	58.8
55°	188.1	173.3	158.5	144.8	132.1	120.7	108.9	97.6	86.2	74.4	61.9
52.5°	207.7	190.2	173.6	157.5	143.0	129.6	116.8	103.9	91.9	79.5	65.4
50°	228.3	208.2	189.2	171.2	153.8	139.0	124.5	110.8	97.5	84.4	68.7
47.5°	250.1	227.3	205.6	185.0	166.1	148.0	132.6	117.6	103.0	89.3	71.6
45°	273.9	246.9	222.5	199.9	177.9	158.2	140.5	124.2	108.9	92.8	74.3
42.5°	297.9	268.0	240.0	214.2	190.8	168.5	148.1	131.0	114.6	96.0	76.9
40°	325.7	289.6	257.6	229.7	203.5	178.4	156.9	137.6	119.9	99.1	79.4
37.5°	352.7	312.8	276.8	244.5	216.0	189.6	165.3	143.9	124.0	102.6	81.7
35°	384.5	336.8	295.1	260.1	228.9	200.2	173.3	150.3	128.6	105.9	83.8
32.5°	415.4	361.3	315.7	276.0	241.1	210.2	181.8	156.8	133.3	109.1	85.6
30°	449.4	387.9	335.1	290.9	253.2	220.6	190.3	162.9	138.0	112.1	87.3
27.5°	482.1	412.4	354.0	306.8	265.9	230.2	198.2	168.7	142.7	115.2	89.5
25°	514.4	438.9	374.8	321.9	277.6	239.0	205.4	174.1	147.3	118.7	91.4
22.5°	549.5	464.5	393.6	335.5	288.2	247.1	212.3	180.0	151.5	122.0	93.1
20°	581.8	487.7	410.4	348.5	298.8	255.7	218.8	185.3	155.4	125.1	94.6
17.5°	612.2	511.2	429.1	362.5	308.7	263.3	224.5	189.9	158.7	128.0	95.7
15°	644.2	534.5	445.9	374.7	317.4	269.9	229.4	193.9	161.6	130.6	96.8
12.5°	671.5	554.3	460.1	384.9	324.6	275.4	233.4	197.2	164.0	132.8	97.8
10°	694.0	570.4	471.5	393.2	330.5	279.9	236.7	199.9	166.0	134.5	98.4
7.5°	711.5	582.6	480.1	399.4	334.9	283.3	239.4	202.0	167.6	135.7	98.5
5°	723.7	591.2	486.4	403.8	338.3	285.8	241.3	203.4	168.6	136.3	98.2
2.5°	730.2	596.0	490.3	406.1	340.2	287.2	242.4	204.0	169.2	136.4	97.6
0°	731.2	596.9	491.4	406.4	340.7	287.4	242.6	204.0	169.1	135.9	96.5
-2.5°	730.2	596.0	490.3	406.1	340.2	287.2	242.4	204.0	169.2	136.4	97.6
-5°	723.7	591.2	486.4	403.8	338.3	285.8	241.3	203.4	168.6	136.3	98.2
-7.5°	711.5	582.6	480.1	399.4	334.9	283.3	239.4	202.0	167.6	135.7	98.5
-10°	694.0	570.4	471.5	393.2	330.5	279.9	236.7	199.9	166.0	134.5	98.4
-12.5°	671.5	554.3	460.1	384.9	324.6	275.4	233.4	197.2	164.0	132.8	97.8
-15°	644.2	534.5	445.9	374.7	317.4	269.9	229.4	193.9	161.6	130.6	96.8
-17.5°	612.2	511.2	429.1	362.5	308.7	263.3	224.5	189.9	158.7	128.0	95.7
-20°	581.8	487.7	410.4	348.5	298.8	255.7	218.8	185.3	155.4	125.1	94.6

Classified

Cooper Lighting Solutions Photometric Lab
1121 Highway 74 South
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Scaled Data Report



REPORT NUMBER: P626693 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA1C-740-U-WR-XX

CANDELA DISTRIBUTION (continued):

	47.5°	50°	52.5°	55°	57.5°	60°	62.5°	65°	67.5°	70°	72.5°
-22.5°	549.5	464.5	393.6	335.5	288.2	247.1	212.3	180.0	151.5	122.0	93.1
-25°	514.4	438.9	374.8	321.9	277.6	239.0	205.4	174.1	147.3	118.7	91.4
-27.5°	482.1	412.4	354.0	306.8	265.9	230.2	198.2	168.7	142.7	115.2	89.5
-30°	449.4	387.9	335.1	290.9	253.2	220.6	190.3	162.9	138.0	112.1	87.3
-32.5°	415.4	361.3	315.7	276.0	241.1	210.2	181.8	156.8	133.3	109.1	85.6
-35°	384.5	336.8	295.1	260.1	228.9	200.2	173.3	150.3	128.6	105.9	83.8
-37.5°	352.7	312.8	276.8	244.5	216.0	189.6	165.3	143.9	124.0	102.6	81.7
-40°	325.7	289.6	257.6	229.7	203.5	178.4	156.9	137.6	119.9	99.1	79.4
-42.5°	297.9	268.0	240.0	214.2	190.8	168.5	148.1	131.0	114.6	96.0	76.9
-45°	273.9	246.9	222.5	199.9	177.9	158.2	140.5	124.2	108.9	92.8	74.3
-47.5°	250.1	227.3	205.6	185.0	166.1	148.0	132.6	117.6	103.0	89.3	71.6
-50°	228.3	208.2	189.2	171.2	153.8	139.0	124.5	110.8	97.5	84.4	68.7
-52.5°	207.7	190.2	173.6	157.5	143.0	129.6	116.8	103.9	91.9	79.5	65.4
-55°	188.1	173.3	158.5	144.8	132.1	120.7	108.9	97.6	86.2	74.4	61.9
-57.5°	170.0	156.8	144.3	132.2	121.5	111.5	101.5	91.2	80.2	69.1	58.8
-60°	152.0	141.0	130.0	120.4	111.1	102.5	94.4	84.4	73.9	63.6	54.8
-62.5°	134.6	125.2	117.1	108.8	100.6	93.5	87.0	77.1	67.3	58.3	50.3
-65°	117.6	110.7	104.2	96.5	89.8	84.0	78.2	69.5	60.6	52.6	45.7
-67.5°	100.8	95.2	89.5	83.6	78.9	74.2	69.1	61.4	53.6	46.8	40.7
-70°	83.6	79.1	75.5	72.3	68.5	64.2	59.2	52.8	46.4	40.8	35.7
-72.5°	67.1	64.9	63.3	61.2	57.8	53.8	49.3	44.2	39.3	34.8	30.5
-75°	51.3	51.4	51.3	50.0	46.9	43.4	39.8	36.0	32.2	28.6	25.1
-77.5°	39.1	39.6	39.7	39.0	36.4	33.7	30.8	27.7	25.1	22.5	19.5
-80°	27.8	28.4	28.6	28.1	26.2	24.0	22.2	20.3	18.4	16.3	13.9
-82.5°	17.3	17.8	18.1	18.0	16.9	15.7	14.5	13.1	11.7	10.1	9.2
-85°	8.7	8.9	8.9	8.6	8.0	7.4	7.4	7.3	7.0	6.6	6.1
-87.5°	2.9	3.2	3.4	3.6	3.7	3.7	3.7	3.6	3.5	3.3	3.1
-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: P626693 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA1C-740-U-WR-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°	2.8	2.2	1.6	1.1	0.7	0.3	0.0
85°	5.5	4.3	3.2	2.2	1.4	0.6	0.0
82.5°	8.3	6.4	4.8	3.3	2.0	0.9	0.0
80°	11.2	8.5	6.4	4.4	2.7	1.2	0.0
77.5°	16.0	11.1	7.9	5.5	3.4	1.5	0.0
75°	20.7	14.5	9.6	6.5	4.0	1.7	0.0
72.5°	25.2	17.8	11.9	7.6	4.6	2.0	0.0
70°	29.4	21.0	14.1	8.7	5.2	2.3	0.0
67.5°	33.1	24.0	16.2	10.0	5.8	2.6	0.0
65°	36.6	26.8	18.2	11.3	6.4	2.8	0.0
62.5°	39.9	29.4	20.1	12.5	7.0	3.1	0.0
60°	43.1	31.8	21.8	13.6	7.5	3.3	0.0
57.5°	45.9	34.0	23.5	14.7	8.2	3.5	0.0
55°	48.5	36.0	25.0	15.7	8.8	3.8	0.0
52.5°	50.8	37.9	26.4	16.6	9.4	4.0	0.0
50°	53.0	39.6	27.7	17.4	10.0	4.2	0.0
47.5°	55.0	41.2	28.8	18.2	10.5	4.4	0.0
45°	57.2	42.6	29.8	18.9	11.0	4.6	0.0
42.5°	59.3	43.8	30.7	19.6	11.5	4.7	0.0
40°	61.0	44.8	31.5	20.3	12.0	4.9	0.0
37.5°	62.5	45.6	32.2	21.0	12.4	5.0	0.0
35°	63.8	46.5	32.7	21.7	12.8	5.2	0.0
32.5°	64.9	47.4	33.1	22.3	13.2	5.3	0.0
30°	66.2	48.1	33.5	22.9	13.5	5.4	0.0
27.5°	67.2	48.6	34.2	23.3	13.8	5.5	0.0
25°	68.1	48.9	34.9	23.8	14.1	5.6	0.0
22.5°	68.6	49.3	35.5	24.1	14.3	5.6	0.0
20°	69.0	50.2	36.0	24.4	14.5	5.7	0.0
17.5°	69.7	50.9	36.4	24.7	14.7	5.7	0.0
15°	70.7	51.5	36.8	24.8	14.8	5.8	0.0
12.5°	71.3	51.9	37.0	25.0	14.9	5.8	0.0
10°	71.8	52.2	37.2	25.0	14.9	5.8	0.0
7.5°	71.9	52.3	37.2	25.0	15.0	5.8	0.0
5°	71.9	52.2	37.2	24.9	14.9	5.8	0.0
2.5°	71.5	52.0	37.1	24.8	14.9	5.7	0.0
0°	71.0	51.7	36.9	24.6	14.8	5.7	0.0
-2.5°	71.5	52.0	37.1	24.8	14.9	5.7	0.0
-5°	71.9	52.2	37.2	24.9	14.9	5.8	0.0
-7.5°	71.9	52.3	37.2	25.0	15.0	5.8	0.0
-10°	71.8	52.2	37.2	25.0	14.9	5.8	0.0
-12.5°	71.3	51.9	37.0	25.0	14.9	5.8	0.0
-15°	70.7	51.5	36.8	24.8	14.8	5.8	0.0
-17.5°	69.7	50.9	36.4	24.7	14.7	5.7	0.0
-20°	69.0	50.2	36.0	24.4	14.5	5.7	0.0

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CATALOG NUMBER: GFLD-SA1C-740-U-WR-XX

CANDELA DISTRIBUTION (continued):

	75°	77.5°	80°	82.5°	85°	87.5°	90°
-22.5°	68.6	49.3	35.5	24.1	14.3	5.6	0.0
-25°	68.1	48.9	34.9	23.8	14.1	5.6	0.0
-27.5°	67.2	48.6	34.2	23.3	13.8	5.5	0.0
-30°	66.2	48.1	33.5	22.9	13.5	5.4	0.0
-32.5°	64.9	47.4	33.1	22.3	13.2	5.3	0.0
-35°	63.8	46.5	32.7	21.7	12.8	5.2	0.0
-37.5°	62.5	45.6	32.2	21.0	12.4	5.0	0.0
-40°	61.0	44.8	31.5	20.3	12.0	4.9	0.0
-42.5°	59.3	43.8	30.7	19.6	11.5	4.7	0.0
-45°	57.2	42.6	29.8	18.9	11.0	4.6	0.0
-47.5°	55.0	41.2	28.8	18.2	10.5	4.4	0.0
-50°	53.0	39.6	27.7	17.4	10.0	4.2	0.0
-52.5°	50.8	37.9	26.4	16.6	9.4	4.0	0.0
-55°	48.5	36.0	25.0	15.7	8.8	3.8	0.0
-57.5°	45.9	34.0	23.5	14.7	8.2	3.5	0.0
-60°	43.1	31.8	21.8	13.6	7.5	3.3	0.0
-62.5°	39.9	29.4	20.1	12.5	7.0	3.1	0.0
-65°	36.6	26.8	18.2	11.3	6.4	2.8	0.0
-67.5°	33.1	24.0	16.2	10.0	5.8	2.6	0.0
-70°	29.4	21.0	14.1	8.7	5.2	2.3	0.0
-72.5°	25.2	17.8	11.9	7.6	4.6	2.0	0.0
-75°	20.7	14.5	9.6	6.5	4.0	1.7	0.0
-77.5°	16.0	11.1	7.9	5.5	3.4	1.5	0.0
-80°	11.2	8.5	6.4	4.4	2.7	1.2	0.0
-82.5°	8.3	6.4	4.8	3.3	2.0	0.9	0.0
-85°	5.5	4.3	3.2	2.2	1.4	0.6	0.0
-87.5°	2.8	2.2	1.6	1.1	0.7	0.3	0.0
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0

(END OF REPORT)