

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: P626593 (CONVERTED FROM TYPE C PHOTOMETRY)

Luminaire Tested: **GFLD-SA1B-722-U-WR-XX**

Issue Date: 12/7/2022

Test Information

Test Method: LM-79-08
Report Number: P626593 (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-SA1B-722-U-WR-XX
Description: GALLEON FLOOD, ONE LIGHT SQAURE, WIDE SYMMETRICAL ROUND N7
Light Source: (16) 2200K CCT, 70 CRI LEDS
Ballast/Driver: -

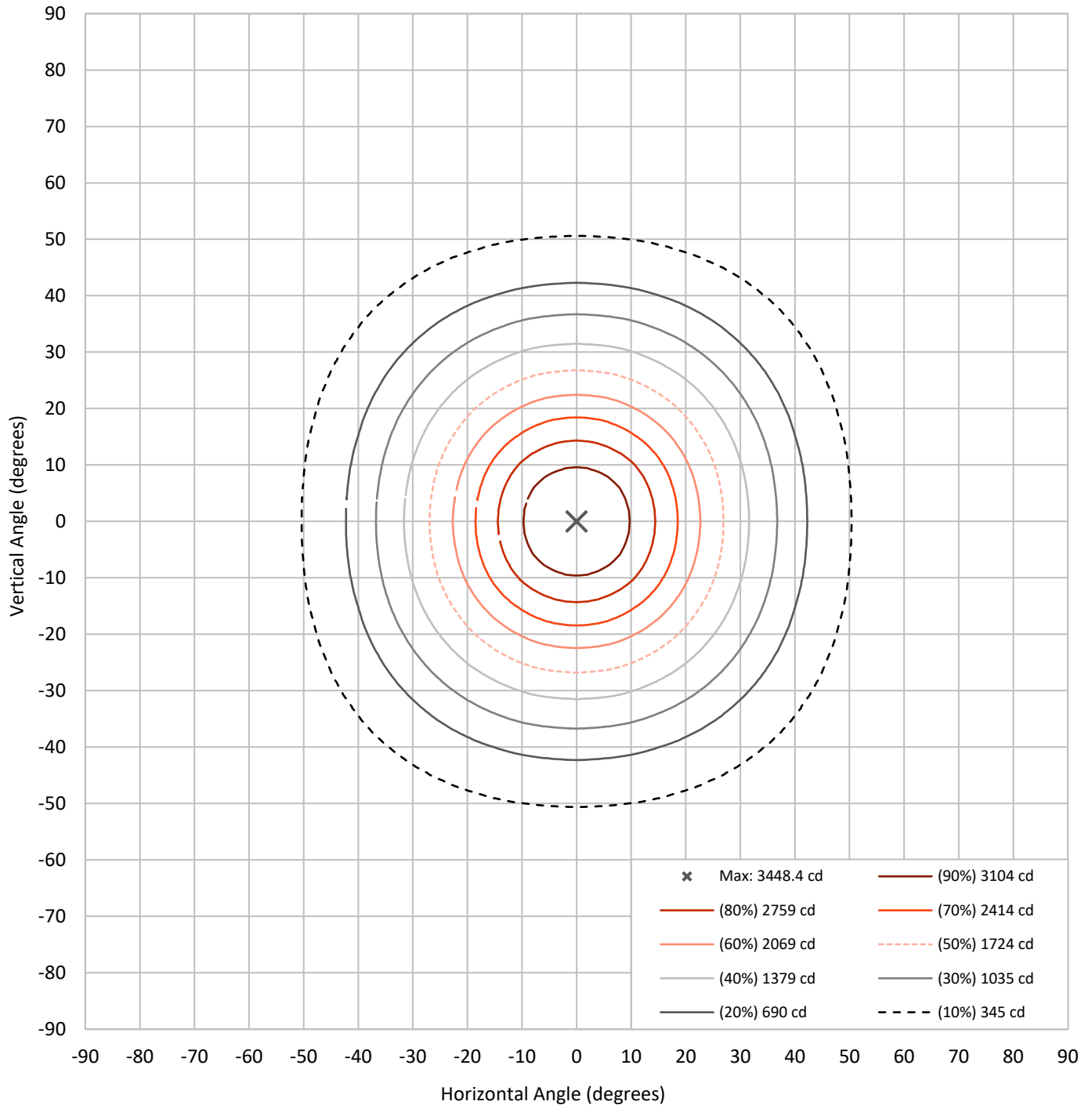
Summary

Lumens per Lamp:	N/A	NEMA Type:	6H x 6V
Luminaire Lumens:	3509.7 lumens	Max Intensity:	3448.4 candela
Efficiency:	N/A	Max Intensity Angle:	0°H x 0°V
Efficacy:	104.8 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:	1678.1 lumens	Field Lumens:	3097.4 lumens
Beam Efficiency:	47.8%	Field Efficiency:	88.3%
Input Watts (W):	33.5		
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





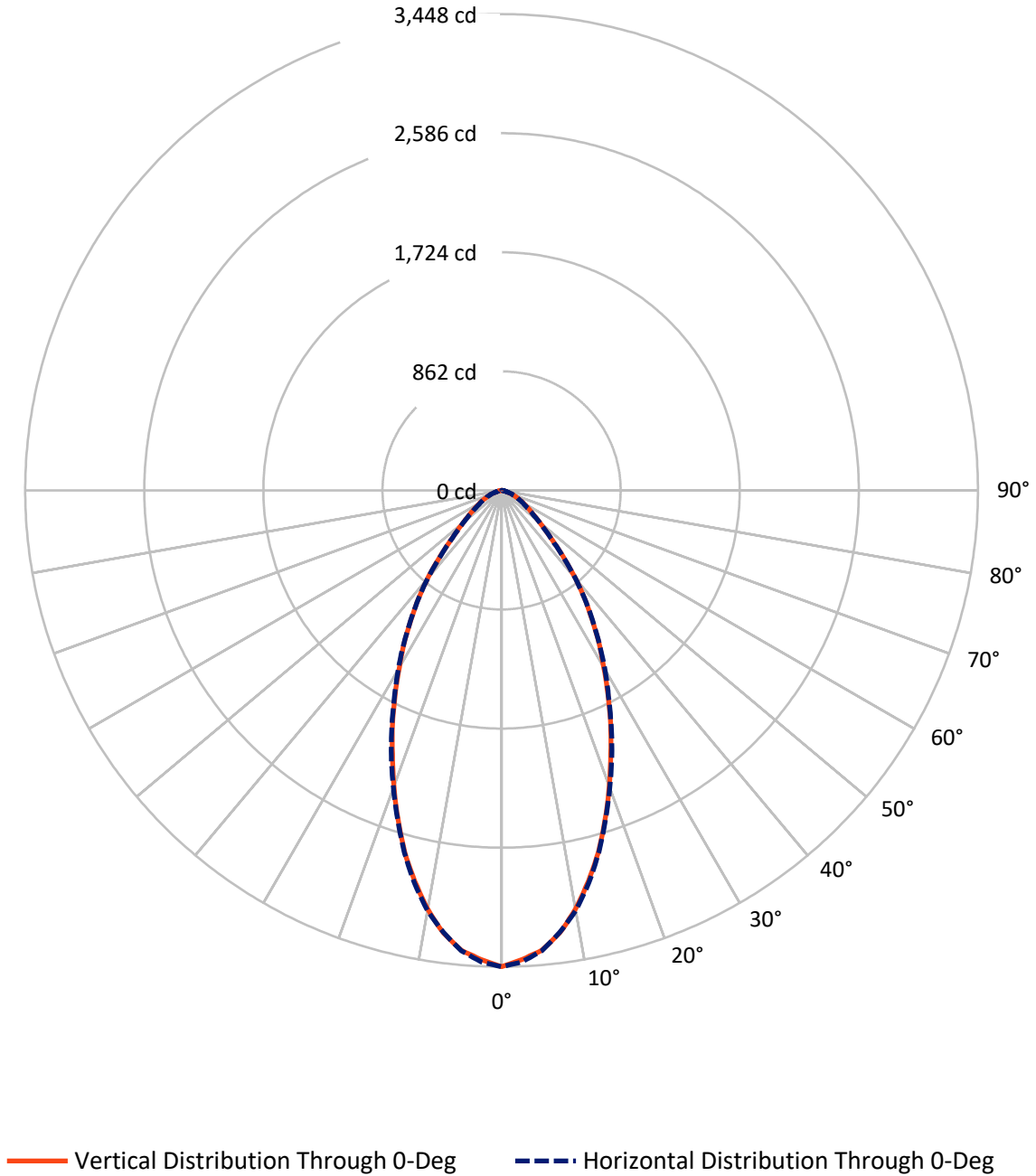
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Lumen Table

90																
80	0.1	1.0		2.2		3.7		3.1		3.7		2.2		1.0		0.1
70																
60	0.5	0.5	1.0	1.6	2.3	3.0	3.6	3.8	3.8	3.6	3.0	2.3	1.6	1.0	0.5	0.5
50		0.8	1.5	2.6	4.0	5.6	6.9	7.7	7.7	6.9	5.6	4.0	2.6	1.5	0.8	
40	0.7	1.0	2.1	3.9	6.6	10.2	14.0	16.6	16.6	14.0	10.2	6.6	3.9	2.1	1.0	0.7
30		1.2	2.8	5.7	11.1	19.8	28.7	34.0	34.0	28.7	19.8	11.1	5.7	2.8	1.2	
20	0.8	1.4	3.4	8.0	18.0	32.3	46.3	55.3	55.3	46.3	32.3	18.0	8.0	3.4	1.4	0.8
10		1.5	4.0	10.4	24.5	43.6	64.4	79.3	79.3	64.4	43.6	24.5	10.4	4.0	1.5	
0	0.8	1.6	4.4	11.9	28.3	50.7	77.2	97.1	97.1	77.2	50.7	28.3	11.9	4.4	1.6	0.8
-10		1.6	4.4	11.9	28.3	50.7	77.2	97.1	97.1	77.2	50.7	28.3	11.9	4.4	1.6	
-20	0.8	1.5	4.0	10.4	24.5	43.6	64.4	79.3	79.3	64.4	43.6	24.5	10.4	4.0	1.5	0.8
-30		1.4	3.4	8.0	18.0	32.3	46.3	55.3	55.3	46.3	32.3	18.0	8.0	3.4	1.4	
-40	0.7	1.2	2.8	5.7	11.1	19.8	28.7	34.0	34.0	28.7	19.8	11.1	5.7	2.8	1.2	0.7
-50		1.0	2.1	3.9	6.6	10.2	14.0	16.6	16.6	14.0	10.2	6.6	3.9	2.1	1.0	
-60	0.5	0.8	1.5	2.6	4.0	5.6	6.9	7.7	7.7	6.9	5.6	4.0	2.6	1.5	0.8	0.5
-70		0.5	1.0	1.6	2.3	3.0	3.6	3.8	3.8	3.6	3.0	2.3	1.6	1.0	0.5	
-80																
-90	0.1	1.0		2.2		3.7		3.1		3.7		2.2		1.0		0.1
Horizontal Angle (degrees)																

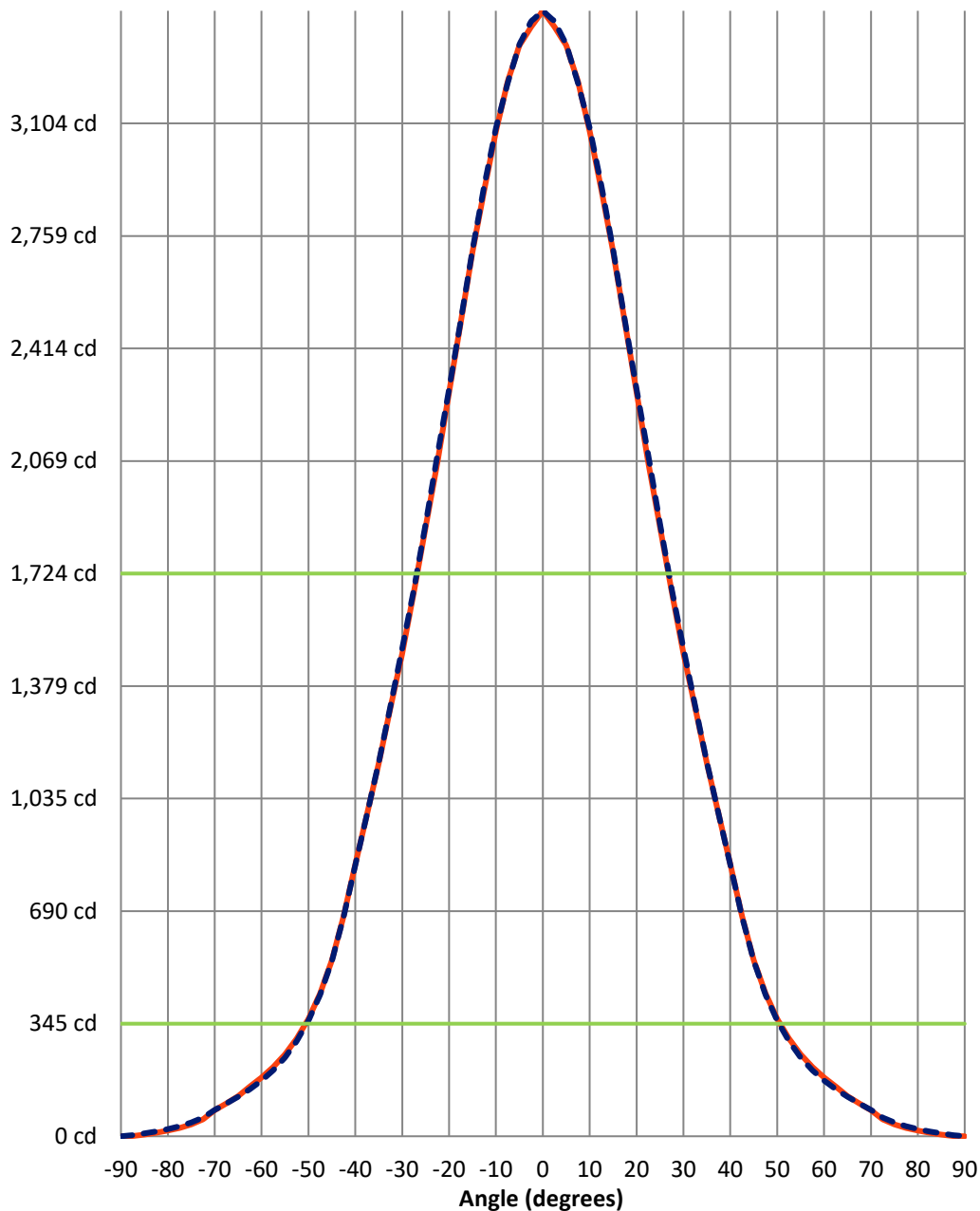
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Luminous Intensity Polar Plot



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Luminous Intensity Plot



Beam:
H Angle: 53.8°
V Angle: 53.6°
Lumens: 1678.1
Efficiency: 47.8%

Field:
H Angle: 100.8°
V Angle: 101.2°
Lumens: 3097.4
Efficiency: 88.3%

Spill:
Lumens: 412.3
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	0.2	0.4	0.7	0.9	1.3	1.6	1.8	1.9	2.1	2.2
85°	0.0	0.3	0.8	1.3	1.9	2.5	3.3	3.6	3.9	4.1	4.3
82.5°	0.0	0.5	1.2	2.0	2.8	3.8	4.9	5.4	6.0	6.9	7.8
80°	0.0	0.7	1.6	2.6	3.7	5.0	6.6	8.2	9.6	10.9	12.0
77.5°	0.0	0.9	2.0	3.2	4.7	6.6	9.5	11.6	13.3	14.9	16.4
75°	0.0	1.0	2.4	3.9	5.6	8.6	12.2	14.9	17.0	19.1	21.4
72.5°	0.0	1.2	2.7	4.5	7.0	10.6	14.9	18.1	20.6	23.3	26.3
70°	0.0	1.4	3.1	5.1	8.3	12.4	17.5	21.2	24.2	27.5	31.4
67.5°	0.0	1.5	3.4	5.9	9.6	14.3	19.6	24.2	27.8	31.9	36.5
65°	0.0	1.7	3.8	6.7	10.8	15.9	21.7	27.1	31.3	36.0	41.3
62.5°	0.0	1.8	4.1	7.4	11.9	17.4	23.7	29.9	34.6	40.0	45.8
60°	0.0	2.0	4.4	8.1	12.9	18.8	25.5	32.5	37.8	43.9	50.1
57.5°	0.0	2.1	4.8	8.7	13.9	20.2	27.2	34.9	41.0	47.6	54.1
55°	0.0	2.2	5.2	9.3	14.8	21.4	28.8	36.8	44.2	51.2	58.0
52.5°	0.0	2.4	5.6	9.8	15.7	22.5	30.2	38.9	47.2	54.6	61.7
50°	0.0	2.5	5.9	10.3	16.4	23.5	31.5	40.8	50.1	57.9	65.8
47.5°	0.0	2.6	6.2	10.8	17.1	24.5	32.7	42.5	53.0	61.2	69.8
45°	0.0	2.7	6.5	11.2	17.7	25.3	34.0	44.1	55.1	64.7	73.7
42.5°	0.0	2.8	6.8	11.6	18.2	26.0	35.2	45.7	57.0	68.0	77.8
40°	0.0	2.9	7.1	12.0	18.7	26.6	36.2	47.2	58.9	71.1	81.7
37.5°	0.0	3.0	7.4	12.5	19.1	27.1	37.1	48.5	60.9	73.6	85.4
35°	0.0	3.1	7.6	12.9	19.4	27.6	37.9	49.8	62.9	76.3	89.2
32.5°	0.0	3.1	7.8	13.3	19.7	28.1	38.6	50.8	64.8	79.1	93.1
30°	0.0	3.2	8.0	13.6	19.9	28.6	39.3	51.9	66.5	81.9	96.7
27.5°	0.0	3.3	8.2	13.9	20.3	28.8	39.9	53.1	68.4	84.7	100.2
25°	0.0	3.3	8.4	14.1	20.7	29.0	40.4	54.3	70.4	87.5	103.4
22.5°	0.0	3.4	8.5	14.3	21.0	29.2	40.8	55.3	72.4	90.0	106.9
20°	0.0	3.4	8.6	14.5	21.3	29.8	41.0	56.1	74.3	92.2	110.0
17.5°	0.0	3.4	8.7	14.7	21.6	30.2	41.4	56.8	76.0	94.2	112.7
15°	0.0	3.4	8.8	14.8	21.8	30.6	42.0	57.5	77.5	96.0	115.1
12.5°	0.0	3.4	8.8	14.8	22.0	30.8	42.4	58.1	78.9	97.4	117.1
10°	0.0	3.5	8.9	14.9	22.1	31.0	42.6	58.4	79.9	98.6	118.7
7.5°	0.0	3.4	8.9	14.8	22.1	31.0	42.7	58.5	80.6	99.5	119.9
5°	0.0	3.4	8.9	14.8	22.1	31.0	42.7	58.3	81.0	100.1	120.7
2.5°	0.0	3.4	8.9	14.7	22.0	30.9	42.5	57.9	81.0	100.4	121.1
0°	0.0	3.4	8.8	14.6	21.9	30.7	42.2	57.3	80.7	100.4	121.1
-2.5°	0.0	3.4	8.9	14.7	22.0	30.9	42.5	57.9	81.0	100.4	121.1
-5°	0.0	3.4	8.9	14.8	22.1	31.0	42.7	58.3	81.0	100.1	120.7
-7.5°	0.0	3.4	8.9	14.8	22.1	31.0	42.7	58.5	80.6	99.5	119.9
-10°	0.0	3.5	8.9	14.9	22.1	31.0	42.6	58.4	79.9	98.6	118.7
-12.5°	0.0	3.4	8.8	14.8	22.0	30.8	42.4	58.1	78.9	97.4	117.1
-15°	0.0	3.4	8.8	14.8	21.8	30.6	42.0	57.5	77.5	96.0	115.1
-17.5°	0.0	3.4	8.7	14.7	21.6	30.2	41.4	56.8	76.0	94.2	112.7
-20°	0.0	3.4	8.6	14.5	21.3	29.8	41.0	56.1	74.3	92.2	110.0

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CATALOG NUMBER: GFLD-SA1B-722-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	3.4	8.5	14.3	21.0	29.2	40.8	55.3	72.4	90.0	106.9
-25°	0.0	3.3	8.4	14.1	20.7	29.0	40.4	54.3	70.4	87.5	103.4
-27.5°	0.0	3.3	8.2	13.9	20.3	28.8	39.9	53.1	68.4	84.7	100.2
-30°	0.0	3.2	8.0	13.6	19.9	28.6	39.3	51.9	66.5	81.9	96.7
-32.5°	0.0	3.1	7.8	13.3	19.7	28.1	38.6	50.8	64.8	79.1	93.1
-35°	0.0	3.1	7.6	12.9	19.4	27.6	37.9	49.8	62.9	76.3	89.2
-37.5°	0.0	3.0	7.4	12.5	19.1	27.1	37.1	48.5	60.9	73.6	85.4
-40°	0.0	2.9	7.1	12.0	18.7	26.6	36.2	47.2	58.9	71.1	81.7
-42.5°	0.0	2.8	6.8	11.6	18.2	26.0	35.2	45.7	57.0	68.0	77.8
-45°	0.0	2.7	6.5	11.2	17.7	25.3	34.0	44.1	55.1	64.7	73.7
-47.5°	0.0	2.6	6.2	10.8	17.1	24.5	32.7	42.5	53.0	61.2	69.8
-50°	0.0	2.5	5.9	10.3	16.4	23.5	31.5	40.8	50.1	57.9	65.8
-52.5°	0.0	2.4	5.6	9.8	15.7	22.5	30.2	38.9	47.2	54.6	61.7
-55°	0.0	2.2	5.2	9.3	14.8	21.4	28.8	36.8	44.2	51.2	58.0
-57.5°	0.0	2.1	4.8	8.7	13.9	20.2	27.2	34.9	41.0	47.6	54.1
-60°	0.0	2.0	4.4	8.1	12.9	18.8	25.5	32.5	37.8	43.9	50.1
-62.5°	0.0	1.8	4.1	7.4	11.9	17.4	23.7	29.9	34.6	40.0	45.8
-65°	0.0	1.7	3.8	6.7	10.8	15.9	21.7	27.1	31.3	36.0	41.3
-67.5°	0.0	1.5	3.4	5.9	9.6	14.3	19.6	24.2	27.8	31.9	36.5
-70°	0.0	1.4	3.1	5.1	8.3	12.4	17.5	21.2	24.2	27.5	31.4
-72.5°	0.0	1.2	2.7	4.5	7.0	10.6	14.9	18.1	20.6	23.3	26.3
-75°	0.0	1.0	2.4	3.9	5.6	8.6	12.2	14.9	17.0	19.1	21.4
-77.5°	0.0	0.9	2.0	3.2	4.7	6.6	9.5	11.6	13.3	14.9	16.4
-80°	0.0	0.7	1.6	2.6	3.7	5.0	6.6	8.2	9.6	10.9	12.0
-82.5°	0.0	0.5	1.2	2.0	2.8	3.8	4.9	5.4	6.0	6.9	7.8
-85°	0.0	0.3	0.8	1.3	1.9	2.5	3.3	3.6	3.9	4.1	4.3
-87.5°	0.0	0.2	0.4	0.7	0.9	1.3	1.6	1.8	1.9	2.1	2.2
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



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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°	2.2	2.2	2.2	2.1	2.0	1.9	1.7	1.6	1.6	1.7	1.7
85°	4.4	4.4	4.8	5.1	5.3	5.3	5.2	5.0	5.6	6.3	7.1
82.5°	8.6	9.3	10.0	10.7	10.8	10.6	10.3	9.9	11.2	12.8	14.4
80°	13.1	14.2	15.5	16.7	17.0	16.9	16.5	15.9	17.6	20.1	22.7
77.5°	18.3	20.0	21.6	23.1	23.5	23.5	23.2	22.7	24.9	28.3	31.8
75°	23.7	25.8	27.8	29.7	30.5	30.5	30.4	30.9	33.8	37.8	41.2
72.5°	29.3	32.0	34.3	36.3	37.6	38.5	39.8	41.4	44.3	48.1	51.6
70°	35.2	38.2	40.7	42.9	44.8	46.9	49.6	52.3	55.4	59.2	62.8
67.5°	41.1	44.0	46.8	49.6	53.1	56.5	59.9	63.4	67.2	71.3	74.8
65°	46.4	49.8	53.3	57.3	61.9	65.7	69.8	74.4	79.4	84.0	88.2
62.5°	51.6	55.5	59.7	64.6	69.5	74.3	79.9	85.7	91.7	97.4	103.0
60°	56.0	60.9	66.0	71.5	77.2	83.7	90.2	97.1	104.2	111.1	118.1
57.5°	60.3	66.2	72.1	78.5	85.6	93.0	100.9	108.7	117.2	125.5	133.5
55°	64.7	71.7	78.4	85.9	94.1	102.8	111.7	121.2	130.5	141.0	150.7
52.5°	69.4	76.9	84.9	93.5	103.0	112.9	123.3	134.2	145.8	157.5	169.3
50°	73.9	82.5	91.3	101.6	112.3	123.6	135.5	148.2	161.7	175.3	189.6
47.5°	78.7	87.8	98.6	109.8	122.1	134.9	148.4	163.5	178.5	195.6	212.0
45°	83.4	93.9	105.6	118.7	132.1	146.5	162.6	179.2	198.4	217.6	239.2
42.5°	87.9	100.1	113.3	127.2	142.5	159.1	176.9	197.7	219.3	243.1	268.5
40°	93.1	105.9	120.8	136.4	152.9	171.9	193.4	216.5	242.8	271.0	299.8
37.5°	98.2	112.5	128.2	145.1	164.4	185.8	209.4	237.7	268.1	300.2	339.4
35°	102.9	118.8	135.9	154.4	175.2	200.0	228.3	259.6	294.6	336.0	381.7
32.5°	107.9	124.8	143.1	163.9	187.5	214.5	246.7	283.5	325.0	372.1	429.3
30°	113.0	130.9	150.3	172.7	199.0	230.3	266.8	307.6	355.3	414.3	481.5
27.5°	117.7	136.7	157.8	182.2	210.2	244.8	286.2	333.9	390.2	456.9	535.3
25°	122.0	141.9	164.8	191.1	222.6	260.6	305.4	358.3	425.1	504.7	601.2
22.5°	126.0	146.6	171.1	199.2	233.7	275.8	326.2	386.7	460.6	549.9	665.7
20°	129.9	151.8	177.4	206.9	243.6	289.5	345.4	413.3	497.4	603.1	728.9
17.5°	133.3	156.3	183.3	215.2	254.7	303.5	363.5	436.8	530.1	650.6	787.2
15°	136.2	160.2	188.4	222.4	264.7	317.3	382.4	462.5	564.2	693.8	838.5
12.5°	138.6	163.5	192.7	228.5	273.1	329.1	398.6	485.5	597.5	734.5	883.4
10°	140.5	166.1	196.2	233.4	279.9	338.6	412.0	504.2	625.2	769.3	921.5
7.5°	142.1	168.2	198.8	237.1	285.0	345.9	422.4	518.7	646.8	797.0	950.7
5°	143.2	169.7	200.9	239.7	288.7	350.9	429.7	528.9	662.2	817.0	970.6
2.5°	143.9	170.5	202.0	241.1	291.1	353.8	433.5	535.2	670.6	828.4	982.7
0°	144.0	170.6	202.3	241.3	291.7	354.4	434.1	537.2	672.4	831.3	987.1
-2.5°	143.9	170.5	202.0	241.1	291.1	353.8	433.5	535.2	670.6	828.4	982.7
-5°	143.2	169.7	200.9	239.7	288.7	350.9	429.7	528.9	662.2	817.0	970.6
-7.5°	142.1	168.2	198.8	237.1	285.0	345.9	422.4	518.7	646.8	797.0	950.7
-10°	140.5	166.1	196.2	233.4	279.9	338.6	412.0	504.2	625.2	769.3	921.5
-12.5°	138.6	163.5	192.7	228.5	273.1	329.1	398.6	485.5	597.5	734.5	883.4
-15°	136.2	160.2	188.4	222.4	264.7	317.3	382.4	462.5	564.2	693.8	838.5
-17.5°	133.3	156.3	183.3	215.2	254.7	303.5	363.5	436.8	530.1	650.6	787.2
-20°	129.9	151.8	177.4	206.9	243.6	289.5	345.4	413.3	497.4	603.1	728.9

Classified

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

Scaled Data Report



REPORT NUMBER: P626593 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA1B-722-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°	126.0	146.6	171.1	199.2	233.7	275.8	326.2	386.7	460.6	549.9	665.7
-25°	122.0	141.9	164.8	191.1	222.6	260.6	305.4	358.3	425.1	504.7	601.2
-27.5°	117.7	136.7	157.8	182.2	210.2	244.8	286.2	333.9	390.2	456.9	535.3
-30°	113.0	130.9	150.3	172.7	199.0	230.3	266.8	307.6	355.3	414.3	481.5
-32.5°	107.9	124.8	143.1	163.9	187.5	214.5	246.7	283.5	325.0	372.1	429.3
-35°	102.9	118.8	135.9	154.4	175.2	200.0	228.3	259.6	294.6	336.0	381.7
-37.5°	98.2	112.5	128.2	145.1	164.4	185.8	209.4	237.7	268.1	300.2	339.4
-40°	93.1	105.9	120.8	136.4	152.9	171.9	193.4	216.5	242.8	271.0	299.8
-42.5°	87.9	100.1	113.3	127.2	142.5	159.1	176.9	197.7	219.3	243.1	268.5
-45°	83.4	93.9	105.6	118.7	132.1	146.5	162.6	179.2	198.4	217.6	239.2
-47.5°	78.7	87.8	98.6	109.8	122.1	134.9	148.4	163.5	178.5	195.6	212.0
-50°	73.9	82.5	91.3	101.6	112.3	123.6	135.5	148.2	161.7	175.3	189.6
-52.5°	69.4	76.9	84.9	93.5	103.0	112.9	123.3	134.2	145.8	157.5	169.3
-55°	64.7	71.7	78.4	85.9	94.1	102.8	111.7	121.2	130.5	141.0	150.7
-57.5°	60.3	66.2	72.1	78.5	85.6	93.0	100.9	108.7	117.2	125.5	133.5
-60°	56.0	60.9	66.0	71.5	77.2	83.7	90.2	97.1	104.2	111.1	118.1
-62.5°	51.6	55.5	59.7	64.6	69.5	74.3	79.9	85.7	91.7	97.4	103.0
-65°	46.4	49.8	53.3	57.3	61.9	65.7	69.8	74.4	79.4	84.0	88.2
-67.5°	41.1	44.0	46.8	49.6	53.1	56.5	59.9	63.4	67.2	71.3	74.8
-70°	35.2	38.2	40.7	42.9	44.8	46.9	49.6	52.3	55.4	59.2	62.8
-72.5°	29.3	32.0	34.3	36.3	37.6	38.5	39.8	41.4	44.3	48.1	51.6
-75°	23.7	25.8	27.8	29.7	30.5	30.5	30.4	30.9	33.8	37.8	41.2
-77.5°	18.3	20.0	21.6	23.1	23.5	23.5	23.2	22.7	24.9	28.3	31.8
-80°	13.1	14.2	15.5	16.7	17.0	16.9	16.5	15.9	17.6	20.1	22.7
-82.5°	8.6	9.3	10.0	10.7	10.8	10.6	10.3	9.9	11.2	12.8	14.4
-85°	4.4	4.4	4.8	5.1	5.3	5.3	5.2	5.0	5.6	6.3	7.1
-87.5°	2.2	2.2	2.2	2.1	2.0	1.9	1.7	1.6	1.6	1.7	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: P626593 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA1B-722-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°	1.8	1.8	1.7	1.6	1.5	1.5	1.5	1.5	1.4	1.3	1.2
85°	7.9	8.1	8.2	8.2	8.2	8.5	8.7	8.9	9.1	8.3	7.4
82.5°	16.1	16.9	17.5	18.2	18.8	19.3	19.6	19.9	20.0	18.1	16.0
80°	25.4	27.0	28.3	29.5	30.7	31.0	31.0	30.8	30.5	27.9	25.0
77.5°	35.3	37.4	39.0	40.7	42.3	42.9	43.1	43.4	43.5	40.3	36.3
75°	44.3	46.7	49.1	51.2	53.2	54.3	54.9	55.3	55.7	52.5	48.2
72.5°	54.5	57.2	59.7	62.0	64.1	65.5	66.4	67.2	67.8	65.9	63.3
70°	65.8	68.5	71.1	73.6	76.0	77.9	79.3	80.6	81.7	81.9	81.8
67.5°	78.3	81.5	84.6	87.3	90.2	92.8	95.1	97.1	98.6	99.6	100.2
65°	92.3	97.2	101.5	105.1	108.2	111.7	114.8	117.2	118.8	120.1	121.2
62.5°	108.9	114.8	119.7	124.6	129.6	134.4	137.4	140.5	143.5	146.3	148.7
60°	124.9	131.3	138.0	144.1	149.9	155.1	160.6	165.4	169.6	173.2	175.8
57.5°	141.9	149.7	157.2	165.1	172.5	179.4	186.1	192.3	197.7	202.2	206.0
55°	160.3	169.8	178.8	188.8	198.5	207.3	215.4	223.7	231.3	237.9	243.1
52.5°	180.2	192.6	204.5	216.2	228.7	240.1	250.2	261.7	272.0	280.4	287.0
50°	203.9	218.5	234.2	248.7	264.5	280.1	294.4	308.4	322.0	333.8	343.3
47.5°	230.9	248.9	268.3	287.6	307.2	328.5	347.5	365.2	384.2	400.7	414.0
45°	261.0	283.9	307.4	334.4	359.3	386.7	412.0	434.8	461.7	485.5	504.6
42.5°	294.3	324.8	355.6	389.7	422.8	457.6	494.5	527.2	563.0	597.1	624.7
40°	335.6	372.0	413.4	454.7	502.2	546.8	600.5	649.4	693.7	734.4	767.7
37.5°	381.4	428.3	480.3	534.1	599.1	662.8	725.7	785.1	837.6	882.1	919.4
35°	433.5	493.1	556.1	634.6	710.8	787.0	858.1	923.0	980.1	1030.3	1073.0
32.5°	493.5	565.0	653.1	741.3	828.2	912.2	990.2	1061.0	1123.6	1180.0	1229.1
30°	556.5	654.0	753.0	849.8	944.6	1036.6	1122.3	1200.3	1270.9	1333.7	1390.4
27.5°	636.5	744.7	852.6	956.9	1061.2	1161.9	1254.7	1341.4	1422.5	1493.4	1558.2
25°	714.0	833.5	948.2	1061.9	1175.4	1283.5	1387.3	1485.2	1578.1	1659.6	1731.8
22.5°	791.4	916.5	1039.1	1161.3	1283.3	1403.8	1520.4	1632.5	1736.4	1829.2	1910.5
20°	863.1	993.9	1124.9	1256.7	1389.0	1520.9	1651.8	1778.0	1893.7	2000.8	2094.9
17.5°	927.5	1066.5	1205.4	1346.4	1489.8	1633.0	1778.4	1919.8	2052.1	2174.0	2283.2
15°	984.4	1129.4	1278.6	1430.7	1584.7	1740.3	1899.0	2057.2	2206.2	2344.6	2466.4
12.5°	1034.2	1185.0	1341.3	1503.0	1670.1	1839.6	2012.7	2186.2	2351.1	2510.9	2642.5
10°	1075.2	1232.2	1395.7	1565.5	1741.7	1924.2	2109.9	2296.6	2478.3	2647.8	2798.3
7.5°	1107.0	1269.8	1438.3	1614.9	1799.8	1992.1	2188.9	2387.1	2581.0	2763.6	2930.1
5°	1129.3	1297.2	1467.8	1651.5	1842.8	2042.1	2246.6	2453.2	2655.8	2847.9	3020.4
2.5°	1142.3	1313.6	1484.9	1673.7	1868.4	2072.4	2282.4	2492.3	2700.4	2899.5	3076.9
0°	1145.7	1318.5	1494.8	1676.1	1876.4	2086.5	2289.0	2499.6	2715.8	2912.2	3088.9
-2.5°	1142.3	1313.6	1484.9	1673.7	1868.4	2072.4	2282.4	2492.3	2700.4	2899.5	3076.9
-5°	1129.3	1297.2	1467.8	1651.5	1842.8	2042.1	2246.6	2453.2	2655.8	2847.9	3020.4
-7.5°	1107.0	1269.8	1438.3	1614.9	1799.8	1992.1	2188.9	2387.1	2581.0	2763.6	2930.1
-10°	1075.2	1232.2	1395.7	1565.5	1741.7	1924.2	2109.9	2296.6	2478.3	2647.8	2798.3
-12.5°	1034.2	1185.0	1341.3	1503.0	1670.1	1839.6	2012.7	2186.2	2351.1	2510.9	2642.5
-15°	984.4	1129.4	1278.6	1430.7	1584.7	1740.3	1899.0	2057.2	2206.2	2344.6	2466.4
-17.5°	927.5	1066.5	1205.4	1346.4	1489.8	1633.0	1778.4	1919.8	2052.1	2174.0	2283.2
-20°	863.1	993.9	1124.9	1256.7	1389.0	1520.9	1651.8	1778.0	1893.7	2000.8	2094.9

Classified

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

Scaled Data Report



REPORT NUMBER: P626593 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA1B-722-U-WR-XX

CANDELA DISTRIBUTION (continued):

	-35°	-32.5°	-30°	-27.5°	-25°	-22.5°	-20°	-17.5°	-15°	-12.5°	-10°
-22.5°	791.4	916.5	1039.1	1161.3	1283.3	1403.8	1520.4	1632.5	1736.4	1829.2	1910.5
-25°	714.0	833.5	948.2	1061.9	1175.4	1283.5	1387.3	1485.2	1578.1	1659.6	1731.8
-27.5°	636.5	744.7	852.6	956.9	1061.2	1161.9	1254.7	1341.4	1422.5	1493.4	1558.2
-30°	556.5	654.0	753.0	849.8	944.6	1036.6	1122.3	1200.3	1270.9	1333.7	1390.4
-32.5°	493.5	565.0	653.1	741.3	828.2	912.2	990.2	1061.0	1123.6	1180.0	1229.1
-35°	433.5	493.1	556.1	634.6	710.8	787.0	858.1	923.0	980.1	1030.3	1073.0
-37.5°	381.4	428.3	480.3	534.1	599.1	662.8	725.7	785.1	837.6	882.1	919.4
-40°	335.6	372.0	413.4	454.7	502.2	546.8	600.5	649.4	693.7	734.4	767.7
-42.5°	294.3	324.8	355.6	389.7	422.8	457.6	494.5	527.2	563.0	597.1	624.7
-45°	261.0	283.9	307.4	334.4	359.3	386.7	412.0	434.8	461.7	485.5	504.6
-47.5°	230.9	248.9	268.3	287.6	307.2	328.5	347.5	365.2	384.2	400.7	414.0
-50°	203.9	218.5	234.2	248.7	264.5	280.1	294.4	308.4	322.0	333.8	343.3
-52.5°	180.2	192.6	204.5	216.2	228.7	240.1	250.2	261.7	272.0	280.4	287.0
-55°	160.3	169.8	178.8	188.8	198.5	207.3	215.4	223.7	231.3	237.9	243.1
-57.5°	141.9	149.7	157.2	165.1	172.5	179.4	186.1	192.3	197.7	202.2	206.0
-60°	124.9	131.3	138.0	144.1	149.9	155.1	160.6	165.4	169.6	173.2	175.8
-62.5°	108.9	114.8	119.7	124.6	129.6	134.4	137.4	140.5	143.5	146.3	148.7
-65°	92.3	97.2	101.5	105.1	108.2	111.7	114.8	117.2	118.8	120.1	121.2
-67.5°	78.3	81.5	84.6	87.3	90.2	92.8	95.1	97.1	98.6	99.6	100.2
-70°	65.8	68.5	71.1	73.6	76.0	77.9	79.3	80.6	81.7	81.9	81.8
-72.5°	54.5	57.2	59.7	62.0	64.1	65.5	66.4	67.2	67.8	65.9	63.3
-75°	44.3	46.7	49.1	51.2	53.2	54.3	54.9	55.3	55.7	52.5	48.2
-77.5°	35.3	37.4	39.0	40.7	42.3	42.9	43.1	43.4	43.5	40.3	36.3
-80°	25.4	27.0	28.3	29.5	30.7	31.0	31.0	30.8	30.5	27.9	25.0
-82.5°	16.1	16.9	17.5	18.2	18.8	19.3	19.6	19.9	20.0	18.1	16.0
-85°	7.9	8.1	8.2	8.2	8.2	8.5	8.7	8.9	9.1	8.3	7.4
-87.5°	1.8	1.8	1.7	1.6	1.5	1.5	1.5	1.5	1.4	1.3	1.2
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



REPORT NUMBER: P626593 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA1B-722-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°	1.1	1.0	0.8	0.7	0.8	1.0	1.1	1.2	1.3	1.4	1.5
85°	6.4	5.4	5.2	5.1	5.2	5.4	6.4	7.4	8.3	9.1	8.9
82.5°	13.8	11.5	11.1	10.7	11.1	11.5	13.8	16.0	18.1	20.0	19.9
80°	21.9	18.8	18.1	17.5	18.1	18.8	21.9	25.0	27.9	30.5	30.8
77.5°	32.2	27.8	26.5	25.3	26.5	27.8	32.2	36.3	40.3	43.5	43.4
75°	43.8	39.3	37.7	36.3	37.7	39.3	43.8	48.2	52.5	55.7	55.3
72.5°	60.6	57.8	55.0	51.9	55.0	57.8	60.6	63.3	65.9	67.8	67.2
70°	81.7	81.5	80.8	79.7	80.8	81.5	81.7	81.8	81.9	81.7	80.6
67.5°	100.4	100.4	100.6	100.7	100.6	100.4	100.4	100.2	99.6	98.6	97.1
65°	121.9	122.1	122.6	122.8	122.6	122.1	121.9	121.2	120.1	118.8	117.2
62.5°	150.6	151.8	152.4	152.3	152.4	151.8	150.6	148.7	146.3	143.5	140.5
60°	177.8	179.1	179.9	180.1	179.9	179.1	177.8	175.8	173.2	169.6	165.4
57.5°	208.9	211.0	212.1	212.3	212.1	211.0	208.9	206.0	202.2	197.7	192.3
55°	247.1	250.0	251.2	251.0	251.2	250.0	247.1	243.1	237.9	231.3	223.7
52.5°	292.0	295.4	298.0	299.5	298.0	295.4	292.0	287.0	280.4	272.0	261.7
50°	350.5	355.4	358.5	359.7	358.5	355.4	350.5	343.3	333.8	322.0	308.4
47.5°	423.5	430.0	434.8	438.2	434.8	430.0	423.5	414.0	400.7	384.2	365.2
45°	518.8	528.7	535.4	539.4	535.4	528.7	518.8	504.6	485.5	461.7	434.8
42.5°	646.2	661.6	671.0	674.6	671.0	661.6	646.2	624.7	597.1	563.0	527.2
40°	794.1	812.5	824.6	833.0	824.6	812.5	794.1	767.7	734.4	693.7	649.4
37.5°	948.1	967.5	979.3	987.3	979.3	967.5	948.1	919.4	882.1	837.6	785.1
35°	1105.2	1125.6	1136.7	1142.8	1136.7	1125.6	1105.2	1073.0	1030.3	980.1	923.0
32.5°	1266.6	1288.9	1301.0	1313.4	1301.0	1288.9	1266.6	1229.1	1180.0	1123.6	1061.0
30°	1435.1	1460.8	1473.3	1479.4	1473.3	1460.8	1435.1	1390.4	1333.7	1270.9	1200.3
27.5°	1610.4	1642.4	1658.2	1668.5	1658.2	1642.4	1610.4	1558.2	1493.4	1422.5	1341.4
25°	1792.8	1832.5	1850.5	1866.7	1850.5	1832.5	1792.8	1731.8	1659.6	1578.1	1485.2
22.5°	1982.1	2031.5	2052.3	2063.8	2052.3	2031.5	1982.1	1910.5	1829.2	1736.4	1632.5
20°	2176.3	2235.3	2264.4	2279.3	2264.4	2235.3	2176.3	2094.9	2000.8	1893.7	1778.0
17.5°	2374.9	2448.3	2485.9	2494.5	2485.9	2448.3	2374.9	2283.2	2174.0	2052.1	1919.8
15°	2569.9	2649.2	2693.7	2710.0	2693.7	2649.2	2569.9	2466.4	2344.6	2206.2	2057.2
12.5°	2754.5	2836.8	2889.9	2899.3	2889.9	2836.8	2754.5	2642.5	2510.9	2351.1	2186.2
10°	2922.0	3007.2	3065.9	3079.2	3065.9	3007.2	2922.0	2798.3	2647.8	2478.3	2296.6
7.5°	3061.9	3155.4	3220.3	3231.5	3220.3	3155.4	3061.9	2930.1	2763.6	2581.0	2387.1
5°	3164.3	3275.4	3328.6	3341.9	3328.6	3275.4	3164.3	3020.4	2847.9	2655.8	2453.2
2.5°	3220.6	3333.5	3407.5	3399.0	3407.5	3333.5	3220.6	3076.9	2899.5	2700.4	2492.3
0°	3226.9	3345.1	3415.8	3448.4	3415.8	3345.1	3226.9	3088.9	2912.2	2715.8	2499.6
-2.5°	3220.6	3333.5	3407.5	3399.0	3407.5	3333.5	3220.6	3076.9	2899.5	2700.4	2492.3
-5°	3164.3	3275.4	3328.6	3341.9	3328.6	3275.4	3164.3	3020.4	2847.9	2655.8	2453.2
-7.5°	3061.9	3155.4	3220.3	3231.5	3220.3	3155.4	3061.9	2930.1	2763.6	2581.0	2387.1
-10°	2922.0	3007.2	3065.9	3079.2	3065.9	3007.2	2922.0	2798.3	2647.8	2478.3	2296.6
-12.5°	2754.5	2836.8	2889.9	2899.3	2889.9	2836.8	2754.5	2642.5	2510.9	2351.1	2186.2
-15°	2569.9	2649.2	2693.7	2710.0	2693.7	2649.2	2569.9	2466.4	2344.6	2206.2	2057.2
-17.5°	2374.9	2448.3	2485.9	2494.5	2485.9	2448.3	2374.9	2283.2	2174.0	2052.1	1919.8
-20°	2176.3	2235.3	2264.4	2279.3	2264.4	2235.3	2176.3	2094.9	2000.8	1893.7	1778.0



REPORT NUMBER: P626593 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA1B-722-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°	1982.1	2031.5	2052.3	2063.8	2052.3	2031.5	1982.1	1910.5	1829.2	1736.4	1632.5
-25°	1792.8	1832.5	1850.5	1866.7	1850.5	1832.5	1792.8	1731.8	1659.6	1578.1	1485.2
-27.5°	1610.4	1642.4	1658.2	1668.5	1658.2	1642.4	1610.4	1558.2	1493.4	1422.5	1341.4
-30°	1435.1	1460.8	1473.3	1479.4	1473.3	1460.8	1435.1	1390.4	1333.7	1270.9	1200.3
-32.5°	1266.6	1288.9	1301.0	1313.4	1301.0	1288.9	1266.6	1229.1	1180.0	1123.6	1061.0
-35°	1105.2	1125.6	1136.7	1142.8	1136.7	1125.6	1105.2	1073.0	1030.3	980.1	923.0
-37.5°	948.1	967.5	979.3	987.3	979.3	967.5	948.1	919.4	882.1	837.6	785.1
-40°	794.1	812.5	824.6	833.0	824.6	812.5	794.1	767.7	734.4	693.7	649.4
-42.5°	646.2	661.6	671.0	674.6	671.0	661.6	646.2	624.7	597.1	563.0	527.2
-45°	518.8	528.7	535.4	539.4	535.4	528.7	518.8	504.6	485.5	461.7	434.8
-47.5°	423.5	430.0	434.8	438.2	434.8	430.0	423.5	414.0	400.7	384.2	365.2
-50°	350.5	355.4	358.5	359.7	358.5	355.4	350.5	343.3	333.8	322.0	308.4
-52.5°	292.0	295.4	298.0	299.5	298.0	295.4	292.0	287.0	280.4	272.0	261.7
-55°	247.1	250.0	251.2	251.0	251.2	250.0	247.1	243.1	237.9	231.3	223.7
-57.5°	208.9	211.0	212.1	212.3	212.1	211.0	208.9	206.0	202.2	197.7	192.3
-60°	177.8	179.1	179.9	180.1	179.9	179.1	177.8	175.8	173.2	169.6	165.4
-62.5°	150.6	151.8	152.4	152.3	152.4	151.8	150.6	148.7	146.3	143.5	140.5
-65°	121.9	122.1	122.6	122.8	122.6	122.1	121.9	121.2	120.1	118.8	117.2
-67.5°	100.4	100.4	100.6	100.7	100.6	100.4	100.4	100.2	99.6	98.6	97.1
-70°	81.7	81.5	80.8	79.7	80.8	81.5	81.7	81.8	81.9	81.7	80.6
-72.5°	60.6	57.8	55.0	51.9	55.0	57.8	60.6	63.3	65.9	67.8	67.2
-75°	43.8	39.3	37.7	36.3	37.7	39.3	43.8	48.2	52.5	55.7	55.3
-77.5°	32.2	27.8	26.5	25.3	26.5	27.8	32.2	36.3	40.3	43.5	43.4
-80°	21.9	18.8	18.1	17.5	18.1	18.8	21.9	25.0	27.9	30.5	30.8
-82.5°	13.8	11.5	11.1	10.7	11.1	11.5	13.8	16.0	18.1	20.0	19.9
-85°	6.4	5.4	5.2	5.1	5.2	5.4	6.4	7.4	8.3	9.1	8.9
-87.5°	1.1	1.0	0.8	0.7	0.8	1.0	1.1	1.2	1.3	1.4	1.5
-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: P626593 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA1B-722-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°	1.5	1.5	1.5	1.6	1.7	1.8	1.8	1.7	1.7	1.6	1.6
85°	8.7	8.5	8.2	8.2	8.2	8.1	7.9	7.1	6.3	5.6	5.0
82.5°	19.6	19.3	18.8	18.2	17.5	16.9	16.1	14.4	12.8	11.2	9.9
80°	31.0	31.0	30.7	29.5	28.3	27.0	25.4	22.7	20.1	17.6	15.9
77.5°	43.1	42.9	42.3	40.7	39.0	37.4	35.3	31.8	28.3	24.9	22.7
75°	54.9	54.3	53.2	51.2	49.1	46.7	44.3	41.2	37.8	33.8	30.9
72.5°	66.4	65.5	64.1	62.0	59.7	57.2	54.5	51.6	48.1	44.3	41.4
70°	79.3	77.9	76.0	73.6	71.1	68.5	65.8	62.8	59.2	55.4	52.3
67.5°	95.1	92.8	90.2	87.3	84.6	81.5	78.3	74.8	71.3	67.2	63.4
65°	114.8	111.7	108.2	105.1	101.5	97.2	92.3	88.2	84.0	79.4	74.4
62.5°	137.4	134.4	129.6	124.6	119.7	114.8	108.9	103.0	97.4	91.7	85.7
60°	160.6	155.1	149.9	144.1	138.0	131.3	124.9	118.1	111.1	104.2	97.1
57.5°	186.1	179.4	172.5	165.1	157.2	149.7	141.9	133.5	125.5	117.2	108.7
55°	215.4	207.3	198.5	188.8	178.8	169.8	160.3	150.7	141.0	130.5	121.2
52.5°	250.2	240.1	228.7	216.2	204.5	192.6	180.2	169.3	157.5	145.8	134.2
50°	294.4	280.1	264.5	248.7	234.2	218.5	203.9	189.6	175.3	161.7	148.2
47.5°	347.5	328.5	307.2	287.6	268.3	248.9	230.9	212.0	195.6	178.5	163.5
45°	412.0	386.7	359.3	334.4	307.4	283.9	261.0	239.2	217.6	198.4	179.2
42.5°	494.5	457.6	422.8	389.7	355.6	324.8	294.3	268.5	243.1	219.3	197.7
40°	600.5	546.8	502.2	454.7	413.4	372.0	335.6	299.8	271.0	242.8	216.5
37.5°	725.7	662.8	599.1	534.1	480.3	428.3	381.4	339.4	300.2	268.1	237.7
35°	858.1	787.0	710.8	634.6	556.1	493.1	433.5	381.7	336.0	294.6	259.6
32.5°	990.2	912.2	828.2	741.3	653.1	565.0	493.5	429.3	372.1	325.0	283.5
30°	1122.3	1036.6	944.6	849.8	753.0	654.0	556.5	481.5	414.3	355.3	307.6
27.5°	1254.7	1161.9	1061.2	956.9	852.6	744.7	636.5	535.3	456.9	390.2	333.9
25°	1387.3	1283.5	1175.4	1061.9	948.2	833.5	714.0	601.2	504.7	425.1	358.3
22.5°	1520.4	1403.8	1283.3	1161.3	1039.1	916.5	791.4	665.7	549.9	460.6	386.7
20°	1651.8	1520.9	1389.0	1256.7	1124.9	993.9	863.1	728.9	603.1	497.4	413.3
17.5°	1778.4	1633.0	1489.8	1346.4	1205.4	1066.5	927.5	787.2	650.6	530.1	436.8
15°	1899.0	1740.3	1584.7	1430.7	1278.6	1129.4	984.4	838.5	693.8	564.2	462.5
12.5°	2012.7	1839.6	1670.1	1503.0	1341.3	1185.0	1034.2	883.4	734.5	597.5	485.5
10°	2109.9	1924.2	1741.7	1565.5	1395.7	1232.2	1075.2	921.5	769.3	625.2	504.2
7.5°	2188.9	1992.1	1799.8	1614.9	1438.3	1269.8	1107.0	950.7	797.0	646.8	518.7
5°	2246.6	2042.1	1842.8	1651.5	1467.8	1297.2	1129.3	970.6	817.0	662.2	528.9
2.5°	2282.4	2072.4	1868.4	1673.7	1484.9	1313.6	1142.3	982.7	828.4	670.6	535.2
0°	2289.0	2086.5	1876.4	1676.1	1494.8	1318.5	1145.7	987.1	831.3	672.4	537.2
-2.5°	2282.4	2072.4	1868.4	1673.7	1484.9	1313.6	1142.3	982.7	828.4	670.6	535.2
-5°	2246.6	2042.1	1842.8	1651.5	1467.8	1297.2	1129.3	970.6	817.0	662.2	528.9
-7.5°	2188.9	1992.1	1799.8	1614.9	1438.3	1269.8	1107.0	950.7	797.0	646.8	518.7
-10°	2109.9	1924.2	1741.7	1565.5	1395.7	1232.2	1075.2	921.5	769.3	625.2	504.2
-12.5°	2012.7	1839.6	1670.1	1503.0	1341.3	1185.0	1034.2	883.4	734.5	597.5	485.5
-15°	1899.0	1740.3	1584.7	1430.7	1278.6	1129.4	984.4	838.5	693.8	564.2	462.5
-17.5°	1778.4	1633.0	1489.8	1346.4	1205.4	1066.5	927.5	787.2	650.6	530.1	436.8
-20°	1651.8	1520.9	1389.0	1256.7	1124.9	993.9	863.1	728.9	603.1	497.4	413.3

Classified

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

Scaled Data Report



REPORT NUMBER: P626593 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA1B-722-U-WR-XX

CANDELA DISTRIBUTION (continued):

	20°	22.5°	25°	27.5°	30°	32.5°	35°	37.5°	40°	42.5°	45°
-22.5°	1520.4	1403.8	1283.3	1161.3	1039.1	916.5	791.4	665.7	549.9	460.6	386.7
-25°	1387.3	1283.5	1175.4	1061.9	948.2	833.5	714.0	601.2	504.7	425.1	358.3
-27.5°	1254.7	1161.9	1061.2	956.9	852.6	744.7	636.5	535.3	456.9	390.2	333.9
-30°	1122.3	1036.6	944.6	849.8	753.0	654.0	556.5	481.5	414.3	355.3	307.6
-32.5°	990.2	912.2	828.2	741.3	653.1	565.0	493.5	429.3	372.1	325.0	283.5
-35°	858.1	787.0	710.8	634.6	556.1	493.1	433.5	381.7	336.0	294.6	259.6
-37.5°	725.7	662.8	599.1	534.1	480.3	428.3	381.4	339.4	300.2	268.1	237.7
-40°	600.5	546.8	502.2	454.7	413.4	372.0	335.6	299.8	271.0	242.8	216.5
-42.5°	494.5	457.6	422.8	389.7	355.6	324.8	294.3	268.5	243.1	219.3	197.7
-45°	412.0	386.7	359.3	334.4	307.4	283.9	261.0	239.2	217.6	198.4	179.2
-47.5°	347.5	328.5	307.2	287.6	268.3	248.9	230.9	212.0	195.6	178.5	163.5
-50°	294.4	280.1	264.5	248.7	234.2	218.5	203.9	189.6	175.3	161.7	148.2
-52.5°	250.2	240.1	228.7	216.2	204.5	192.6	180.2	169.3	157.5	145.8	134.2
-55°	215.4	207.3	198.5	188.8	178.8	169.8	160.3	150.7	141.0	130.5	121.2
-57.5°	186.1	179.4	172.5	165.1	157.2	149.7	141.9	133.5	125.5	117.2	108.7
-60°	160.6	155.1	149.9	144.1	138.0	131.3	124.9	118.1	111.1	104.2	97.1
-62.5°	137.4	134.4	129.6	124.6	119.7	114.8	108.9	103.0	97.4	91.7	85.7
-65°	114.8	111.7	108.2	105.1	101.5	97.2	92.3	88.2	84.0	79.4	74.4
-67.5°	95.1	92.8	90.2	87.3	84.6	81.5	78.3	74.8	71.3	67.2	63.4
-70°	79.3	77.9	76.0	73.6	71.1	68.5	65.8	62.8	59.2	55.4	52.3
-72.5°	66.4	65.5	64.1	62.0	59.7	57.2	54.5	51.6	48.1	44.3	41.4
-75°	54.9	54.3	53.2	51.2	49.1	46.7	44.3	41.2	37.8	33.8	30.9
-77.5°	43.1	42.9	42.3	40.7	39.0	37.4	35.3	31.8	28.3	24.9	22.7
-80°	31.0	31.0	30.7	29.5	28.3	27.0	25.4	22.7	20.1	17.6	15.9
-82.5°	19.6	19.3	18.8	18.2	17.5	16.9	16.1	14.4	12.8	11.2	9.9
-85°	8.7	8.5	8.2	8.2	8.2	8.1	7.9	7.1	6.3	5.6	5.0
-87.5°	1.5	1.5	1.5	1.6	1.7	1.8	1.8	1.7	1.7	1.6	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



REPORT NUMBER: P626593 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA1B-722-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°	1.7	1.9	2.0	2.1	2.2	2.2	2.2	2.2	2.1	1.9	1.8
85°	5.2	5.3	5.3	5.1	4.8	4.4	4.4	4.3	4.1	3.9	3.6
82.5°	10.3	10.6	10.8	10.7	10.0	9.3	8.6	7.8	6.9	6.0	5.4
80°	16.5	16.9	17.0	16.7	15.5	14.2	13.1	12.0	10.9	9.6	8.2
77.5°	23.2	23.5	23.5	23.1	21.6	20.0	18.3	16.4	14.9	13.3	11.6
75°	30.4	30.5	30.5	29.7	27.8	25.8	23.7	21.4	19.1	17.0	14.9
72.5°	39.8	38.5	37.6	36.3	34.3	32.0	29.3	26.3	23.3	20.6	18.1
70°	49.6	46.9	44.8	42.9	40.7	38.2	35.2	31.4	27.5	24.2	21.2
67.5°	59.9	56.5	53.1	49.6	46.8	44.0	41.1	36.5	31.9	27.8	24.2
65°	69.8	65.7	61.9	57.3	53.3	49.8	46.4	41.3	36.0	31.3	27.1
62.5°	79.9	74.3	69.5	64.6	59.7	55.5	51.6	45.8	40.0	34.6	29.9
60°	90.2	83.7	77.2	71.5	66.0	60.9	56.0	50.1	43.9	37.8	32.5
57.5°	100.9	93.0	85.6	78.5	72.1	66.2	60.3	54.1	47.6	41.0	34.9
55°	111.7	102.8	94.1	85.9	78.4	71.7	64.7	58.0	51.2	44.2	36.8
52.5°	123.3	112.9	103.0	93.5	84.9	76.9	69.4	61.7	54.6	47.2	38.9
50°	135.5	123.6	112.3	101.6	91.3	82.5	73.9	65.8	57.9	50.1	40.8
47.5°	148.4	134.9	122.1	109.8	98.6	87.8	78.7	69.8	61.2	53.0	42.5
45°	162.6	146.5	132.1	118.7	105.6	93.9	83.4	73.7	64.7	55.1	44.1
42.5°	176.9	159.1	142.5	127.2	113.3	100.1	87.9	77.8	68.0	57.0	45.7
40°	193.4	171.9	152.9	136.4	120.8	105.9	93.1	81.7	71.1	58.9	47.2
37.5°	209.4	185.8	164.4	145.1	128.2	112.5	98.2	85.4	73.6	60.9	48.5
35°	228.3	200.0	175.2	154.4	135.9	118.8	102.9	89.2	76.3	62.9	49.8
32.5°	246.7	214.5	187.5	163.9	143.1	124.8	107.9	93.1	79.1	64.8	50.8
30°	266.8	230.3	199.0	172.7	150.3	130.9	113.0	96.7	81.9	66.5	51.9
27.5°	286.2	244.8	210.2	182.2	157.8	136.7	117.7	100.2	84.7	68.4	53.1
25°	305.4	260.6	222.6	191.1	164.8	141.9	122.0	103.4	87.5	70.4	54.3
22.5°	326.2	275.8	233.7	199.2	171.1	146.6	126.0	106.9	90.0	72.4	55.3
20°	345.4	289.5	243.6	206.9	177.4	151.8	129.9	110.0	92.2	74.3	56.1
17.5°	363.5	303.5	254.7	215.2	183.3	156.3	133.3	112.7	94.2	76.0	56.8
15°	382.4	317.3	264.7	222.4	188.4	160.2	136.2	115.1	96.0	77.5	57.5
12.5°	398.6	329.1	273.1	228.5	192.7	163.5	138.6	117.1	97.4	78.9	58.1
10°	412.0	338.6	279.9	233.4	196.2	166.1	140.5	118.7	98.6	79.9	58.4
7.5°	422.4	345.9	285.0	237.1	198.8	168.2	142.1	119.9	99.5	80.6	58.5
5°	429.7	350.9	288.7	239.7	200.9	169.7	143.2	120.7	100.1	81.0	58.3
2.5°	433.5	353.8	291.1	241.1	202.0	170.5	143.9	121.1	100.4	81.0	57.9
0°	434.1	354.4	291.7	241.3	202.3	170.6	144.0	121.1	100.4	80.7	57.3
-2.5°	433.5	353.8	291.1	241.1	202.0	170.5	143.9	121.1	100.4	81.0	57.9
-5°	429.7	350.9	288.7	239.7	200.9	169.7	143.2	120.7	100.1	81.0	58.3
-7.5°	422.4	345.9	285.0	237.1	198.8	168.2	142.1	119.9	99.5	80.6	58.5
-10°	412.0	338.6	279.9	233.4	196.2	166.1	140.5	118.7	98.6	79.9	58.4
-12.5°	398.6	329.1	273.1	228.5	192.7	163.5	138.6	117.1	97.4	78.9	58.1
-15°	382.4	317.3	264.7	222.4	188.4	160.2	136.2	115.1	96.0	77.5	57.5
-17.5°	363.5	303.5	254.7	215.2	183.3	156.3	133.3	112.7	94.2	76.0	56.8
-20°	345.4	289.5	243.6	206.9	177.4	151.8	129.9	110.0	92.2	74.3	56.1

Classified

Cooper Lighting Solutions Photometric Lab
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Scaled Data Report



REPORT NUMBER: P626593 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA1B-722-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°	326.2	275.8	233.7	199.2	171.1	146.6	126.0	106.9	90.0	72.4	55.3
-25°	305.4	260.6	222.6	191.1	164.8	141.9	122.0	103.4	87.5	70.4	54.3
-27.5°	286.2	244.8	210.2	182.2	157.8	136.7	117.7	100.2	84.7	68.4	53.1
-30°	266.8	230.3	199.0	172.7	150.3	130.9	113.0	96.7	81.9	66.5	51.9
-32.5°	246.7	214.5	187.5	163.9	143.1	124.8	107.9	93.1	79.1	64.8	50.8
-35°	228.3	200.0	175.2	154.4	135.9	118.8	102.9	89.2	76.3	62.9	49.8
-37.5°	209.4	185.8	164.4	145.1	128.2	112.5	98.2	85.4	73.6	60.9	48.5
-40°	193.4	171.9	152.9	136.4	120.8	105.9	93.1	81.7	71.1	58.9	47.2
-42.5°	176.9	159.1	142.5	127.2	113.3	100.1	87.9	77.8	68.0	57.0	45.7
-45°	162.6	146.5	132.1	118.7	105.6	93.9	83.4	73.7	64.7	55.1	44.1
-47.5°	148.4	134.9	122.1	109.8	98.6	87.8	78.7	69.8	61.2	53.0	42.5
-50°	135.5	123.6	112.3	101.6	91.3	82.5	73.9	65.8	57.9	50.1	40.8
-52.5°	123.3	112.9	103.0	93.5	84.9	76.9	69.4	61.7	54.6	47.2	38.9
-55°	111.7	102.8	94.1	85.9	78.4	71.7	64.7	58.0	51.2	44.2	36.8
-57.5°	100.9	93.0	85.6	78.5	72.1	66.2	60.3	54.1	47.6	41.0	34.9
-60°	90.2	83.7	77.2	71.5	66.0	60.9	56.0	50.1	43.9	37.8	32.5
-62.5°	79.9	74.3	69.5	64.6	59.7	55.5	51.6	45.8	40.0	34.6	29.9
-65°	69.8	65.7	61.9	57.3	53.3	49.8	46.4	41.3	36.0	31.3	27.1
-67.5°	59.9	56.5	53.1	49.6	46.8	44.0	41.1	36.5	31.9	27.8	24.2
-70°	49.6	46.9	44.8	42.9	40.7	38.2	35.2	31.4	27.5	24.2	21.2
-72.5°	39.8	38.5	37.6	36.3	34.3	32.0	29.3	26.3	23.3	20.6	18.1
-75°	30.4	30.5	30.5	29.7	27.8	25.8	23.7	21.4	19.1	17.0	14.9
-77.5°	23.2	23.5	23.5	23.1	21.6	20.0	18.3	16.4	14.9	13.3	11.6
-80°	16.5	16.9	17.0	16.7	15.5	14.2	13.1	12.0	10.9	9.6	8.2
-82.5°	10.3	10.6	10.8	10.7	10.0	9.3	8.6	7.8	6.9	6.0	5.4
-85°	5.2	5.3	5.3	5.1	4.8	4.4	4.4	4.3	4.1	3.9	3.6
-87.5°	1.7	1.9	2.0	2.1	2.2	2.2	2.2	2.2	2.1	1.9	1.8
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

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CATALOG NUMBER: GFLD-SA1B-722-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°	1.6	1.3	0.9	0.7	0.4	0.2	0.0
85°	3.3	2.5	1.9	1.3	0.8	0.3	0.0
82.5°	4.9	3.8	2.8	2.0	1.2	0.5	0.0
80°	6.6	5.0	3.7	2.6	1.6	0.7	0.0
77.5°	9.5	6.6	4.7	3.2	2.0	0.9	0.0
75°	12.2	8.6	5.6	3.9	2.4	1.0	0.0
72.5°	14.9	10.6	7.0	4.5	2.7	1.2	0.0
70°	17.5	12.4	8.3	5.1	3.1	1.4	0.0
67.5°	19.6	14.3	9.6	5.9	3.4	1.5	0.0
65°	21.7	15.9	10.8	6.7	3.8	1.7	0.0
62.5°	23.7	17.4	11.9	7.4	4.1	1.8	0.0
60°	25.5	18.8	12.9	8.1	4.4	2.0	0.0
57.5°	27.2	20.2	13.9	8.7	4.8	2.1	0.0
55°	28.8	21.4	14.8	9.3	5.2	2.2	0.0
52.5°	30.2	22.5	15.7	9.8	5.6	2.4	0.0
50°	31.5	23.5	16.4	10.3	5.9	2.5	0.0
47.5°	32.7	24.5	17.1	10.8	6.2	2.6	0.0
45°	34.0	25.3	17.7	11.2	6.5	2.7	0.0
42.5°	35.2	26.0	18.2	11.6	6.8	2.8	0.0
40°	36.2	26.6	18.7	12.0	7.1	2.9	0.0
37.5°	37.1	27.1	19.1	12.5	7.4	3.0	0.0
35°	37.9	27.6	19.4	12.9	7.6	3.1	0.0
32.5°	38.6	28.1	19.7	13.3	7.8	3.1	0.0
30°	39.3	28.6	19.9	13.6	8.0	3.2	0.0
27.5°	39.9	28.8	20.3	13.9	8.2	3.3	0.0
25°	40.4	29.0	20.7	14.1	8.4	3.3	0.0
22.5°	40.8	29.2	21.0	14.3	8.5	3.4	0.0
20°	41.0	29.8	21.3	14.5	8.6	3.4	0.0
17.5°	41.4	30.2	21.6	14.7	8.7	3.4	0.0
15°	42.0	30.6	21.8	14.8	8.8	3.4	0.0
12.5°	42.4	30.8	22.0	14.8	8.8	3.4	0.0
10°	42.6	31.0	22.1	14.9	8.9	3.5	0.0
7.5°	42.7	31.0	22.1	14.8	8.9	3.4	0.0
5°	42.7	31.0	22.1	14.8	8.9	3.4	0.0
2.5°	42.5	30.9	22.0	14.7	8.9	3.4	0.0
0°	42.2	30.7	21.9	14.6	8.8	3.4	0.0
-2.5°	42.5	30.9	22.0	14.7	8.9	3.4	0.0
-5°	42.7	31.0	22.1	14.8	8.9	3.4	0.0
-7.5°	42.7	31.0	22.1	14.8	8.9	3.4	0.0
-10°	42.6	31.0	22.1	14.9	8.9	3.5	0.0
-12.5°	42.4	30.8	22.0	14.8	8.8	3.4	0.0
-15°	42.0	30.6	21.8	14.8	8.8	3.4	0.0
-17.5°	41.4	30.2	21.6	14.7	8.7	3.4	0.0
-20°	41.0	29.8	21.3	14.5	8.6	3.4	0.0

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CANDELA DISTRIBUTION (continued):

	75°	77.5°	80°	82.5°	85°	87.5°	90°
-22.5°	40.8	29.2	21.0	14.3	8.5	3.4	0.0
-25°	40.4	29.0	20.7	14.1	8.4	3.3	0.0
-27.5°	39.9	28.8	20.3	13.9	8.2	3.3	0.0
-30°	39.3	28.6	19.9	13.6	8.0	3.2	0.0
-32.5°	38.6	28.1	19.7	13.3	7.8	3.1	0.0
-35°	37.9	27.6	19.4	12.9	7.6	3.1	0.0
-37.5°	37.1	27.1	19.1	12.5	7.4	3.0	0.0
-40°	36.2	26.6	18.7	12.0	7.1	2.9	0.0
-42.5°	35.2	26.0	18.2	11.6	6.8	2.8	0.0
-45°	34.0	25.3	17.7	11.2	6.5	2.7	0.0
-47.5°	32.7	24.5	17.1	10.8	6.2	2.6	0.0
-50°	31.5	23.5	16.4	10.3	5.9	2.5	0.0
-52.5°	30.2	22.5	15.7	9.8	5.6	2.4	0.0
-55°	28.8	21.4	14.8	9.3	5.2	2.2	0.0
-57.5°	27.2	20.2	13.9	8.7	4.8	2.1	0.0
-60°	25.5	18.8	12.9	8.1	4.4	2.0	0.0
-62.5°	23.7	17.4	11.9	7.4	4.1	1.8	0.0
-65°	21.7	15.9	10.8	6.7	3.8	1.7	0.0
-67.5°	19.6	14.3	9.6	5.9	3.4	1.5	0.0
-70°	17.5	12.4	8.3	5.1	3.1	1.4	0.0
-72.5°	14.9	10.6	7.0	4.5	2.7	1.2	0.0
-75°	12.2	8.6	5.6	3.9	2.4	1.0	0.0
-77.5°	9.5	6.6	4.7	3.2	2.0	0.9	0.0
-80°	6.6	5.0	3.7	2.6	1.6	0.7	0.0
-82.5°	4.9	3.8	2.8	2.0	1.2	0.5	0.0
-85°	3.3	2.5	1.9	1.3	0.8	0.3	0.0
-87.5°	1.6	1.3	0.9	0.7	0.4	0.2	0.0
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0

(END OF REPORT)