

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: P626727 (CONVERTED FROM TYPE C PHOTOMETRY)

Luminaire Tested: **GFLD-SA1D-730-U-MWR-XX**

Issue Date: 12/7/2022

Test Information

Test Method: LM-79-08
Report Number: P626727 (CONVERTED FROM TYPE C PHOTOMETRY)
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G2-2210-813-15)
Test Lab: COOPER LIGHTING SOLUTIONS
Issue Date: 12/7/2022
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: MCGRAW-EDISON
Catalog Number: GFLD-SA1D-730-U-MWR-XX
Description: GALLEON FLOOD, ONE LIGHT SQAURE, MEDIUM WIDE SYMMETRICAL ROUND N18
Light Source: (16) 3000K CCT, 70 CRI LEDS
Ballast/Driver: -

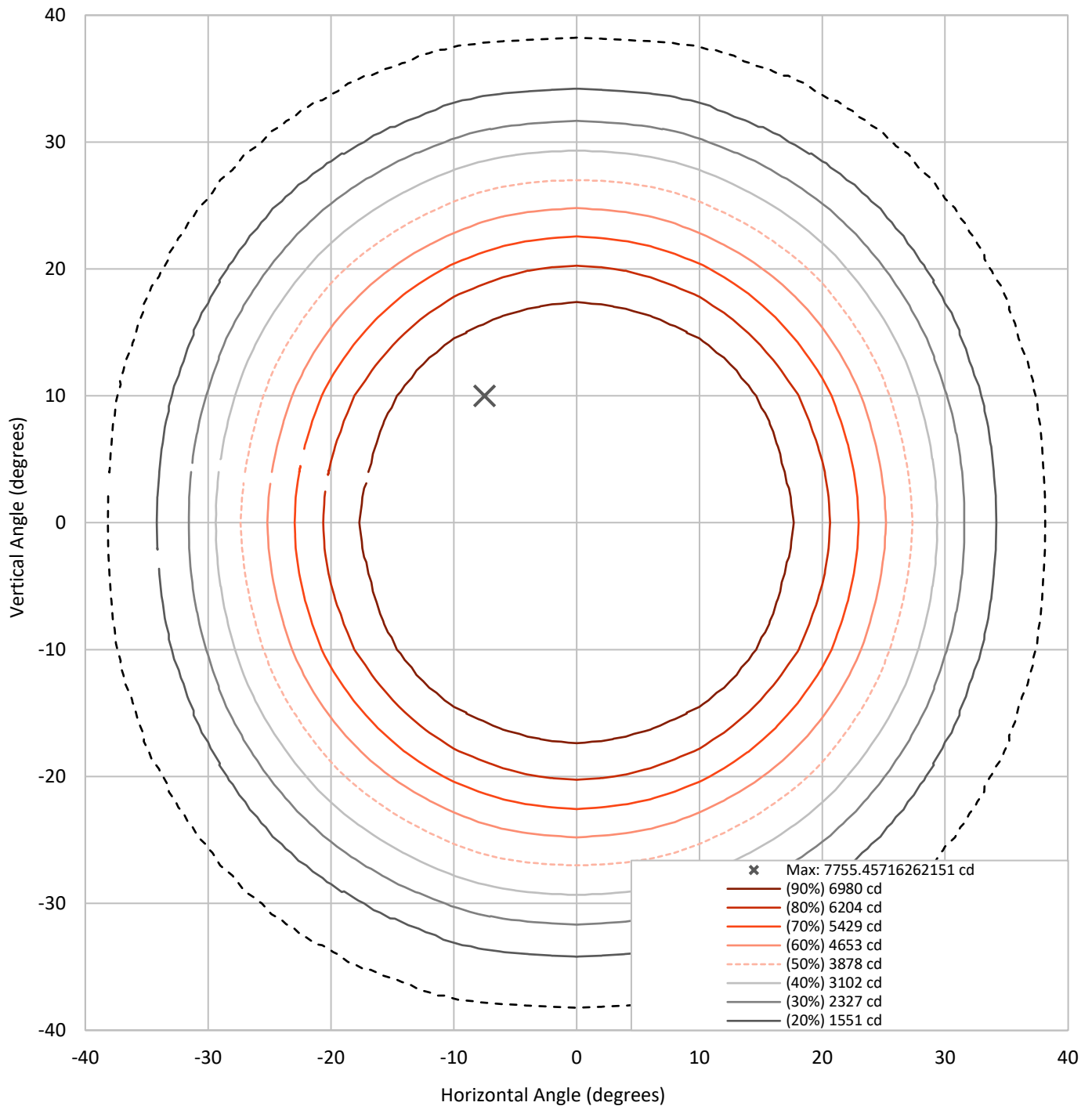
Summary

Lumens per Lamp:	N/A	NEMA Type:	5H x 5V
Luminaire Lumens:	6600.6 lumens	Max Intensity:	7755.5 candela
Efficiency:	N/A	Max Intensity Angle:	-7.5°H x 10°V
Efficacy:	115.2 lumens/watt		
Luminous Opening:	Rectangular (W 0.5' x L: 0.5' x H: 0')		
Beam Angle (50%):	51°H x 52.3°V	Field Angle (10%):	74.5°H x 75.5°V
Beam Lumens:	4381.1 lumens	Field Lumens:	5696.7 lumens
Beam Efficiency:	66.4%	Field Efficiency:	86.3%
Input Watts (W):	57.3		
Input Voltage (V):	120		
Input Current (Ain):	NR		
Voltage Rise (V):	NR		
Power Factor:	NR		
Total Harmonic Distortion (THDi):	NR		
Frequency (hertz):	60		
Stabilization Time:	NR		
Operation Time:	NR		
Ambient Temperature (°C):	NR		
Test Distance:	25 FT		



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Iso-Candela Plot





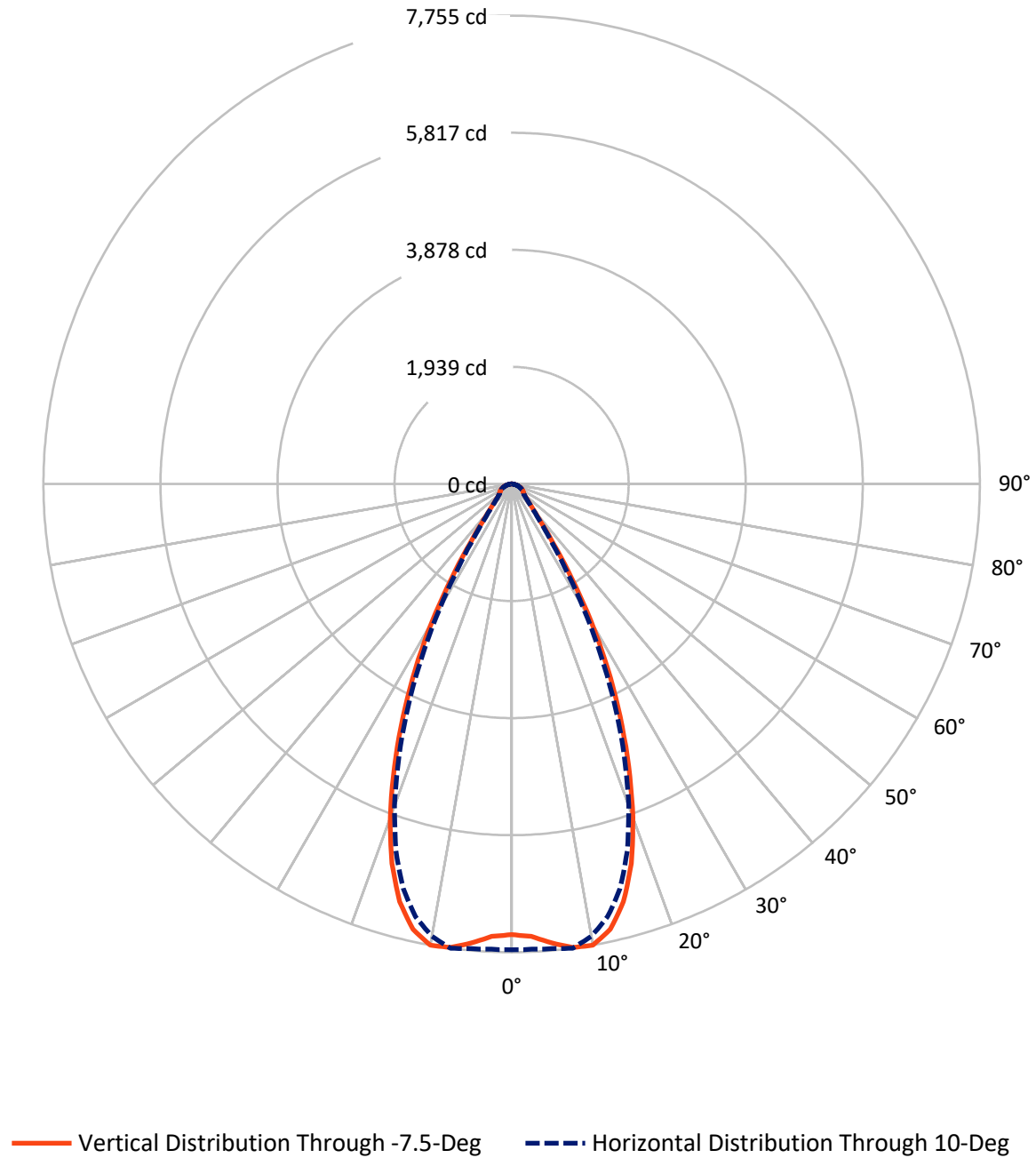
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Lumen Table

90	0.2	1.5	4.1	6.6	7.3	6.6	4.1	1.5	0.2							
80	0.2	1.5	4.1	6.6	7.3	6.6	4.1	1.5	0.2							
70	0.7	0.8	1.6	2.6	3.7	4.5	5.1	5.4	5.4	5.1	4.5	3.7	2.6	1.6	0.8	0.7
60		1.2	2.4	3.8	5.1	6.2	6.9	7.2	7.2	6.9	6.2	5.1	3.8	2.4	1.2	
50	1.2	1.5	3.0	4.6	6.2	8.1	10.1	11.6	11.6	10.1	8.1	6.2	4.6	3.0	1.5	1.2
40		1.8	3.5	5.3	8.2	15.0	28.7	42.6	42.6	28.7	15.0	8.2	5.3	3.5	1.8	
30	1.6	2.0	3.8	6.2	13.5	42.4	95.1	132.7	132.7	95.1	42.4	13.5	6.2	3.8	2.0	1.6
20		2.2	4.0	7.4	24.4	90.3	172.5	215.9	215.9	172.5	90.3	24.4	7.4	4.0	2.2	
10	1.7	2.2	4.1	8.3	35.2	123.6	209.3	227.7	227.7	209.3	123.6	35.2	8.3	4.1	2.2	1.7
0		2.2	4.1	8.3	35.2	123.6	209.3	227.7	227.7	209.3	123.6	35.2	8.3	4.1	2.2	
-10	1.6	2.2	4.0	7.4	24.4	90.3	172.5	215.9	215.9	172.5	90.3	24.4	7.4	4.0	2.2	1.6
-20		2.0	3.8	6.2	13.5	42.4	95.1	132.7	132.7	95.1	42.4	13.5	6.2	3.8	2.0	
-30	1.2	1.8	3.5	5.3	8.2	15.0	28.7	42.6	42.6	28.7	15.0	8.2	5.3	3.5	1.8	1.2
-40		1.5	3.0	4.6	6.2	8.1	10.1	11.6	11.6	10.1	8.1	6.2	4.6	3.0	1.5	
-50	0.7	1.2	2.4	3.8	5.1	6.2	6.9	7.2	7.2	6.9	6.2	5.1	3.8	2.4	1.2	0.7
-60		0.8	1.6	2.6	3.7	4.5	5.1	5.4	5.4	5.1	4.5	3.7	2.6	1.6	0.8	
-70	0.2	1.5	4.1	6.6	7.3	6.6	4.1	1.5	0.2							
-80		0.2	1.5	4.1	6.6	7.3	6.6	4.1	1.5	0.2						
-90	0.2	1.5	4.1	6.6	7.3	6.6	4.1	1.5	0.2							

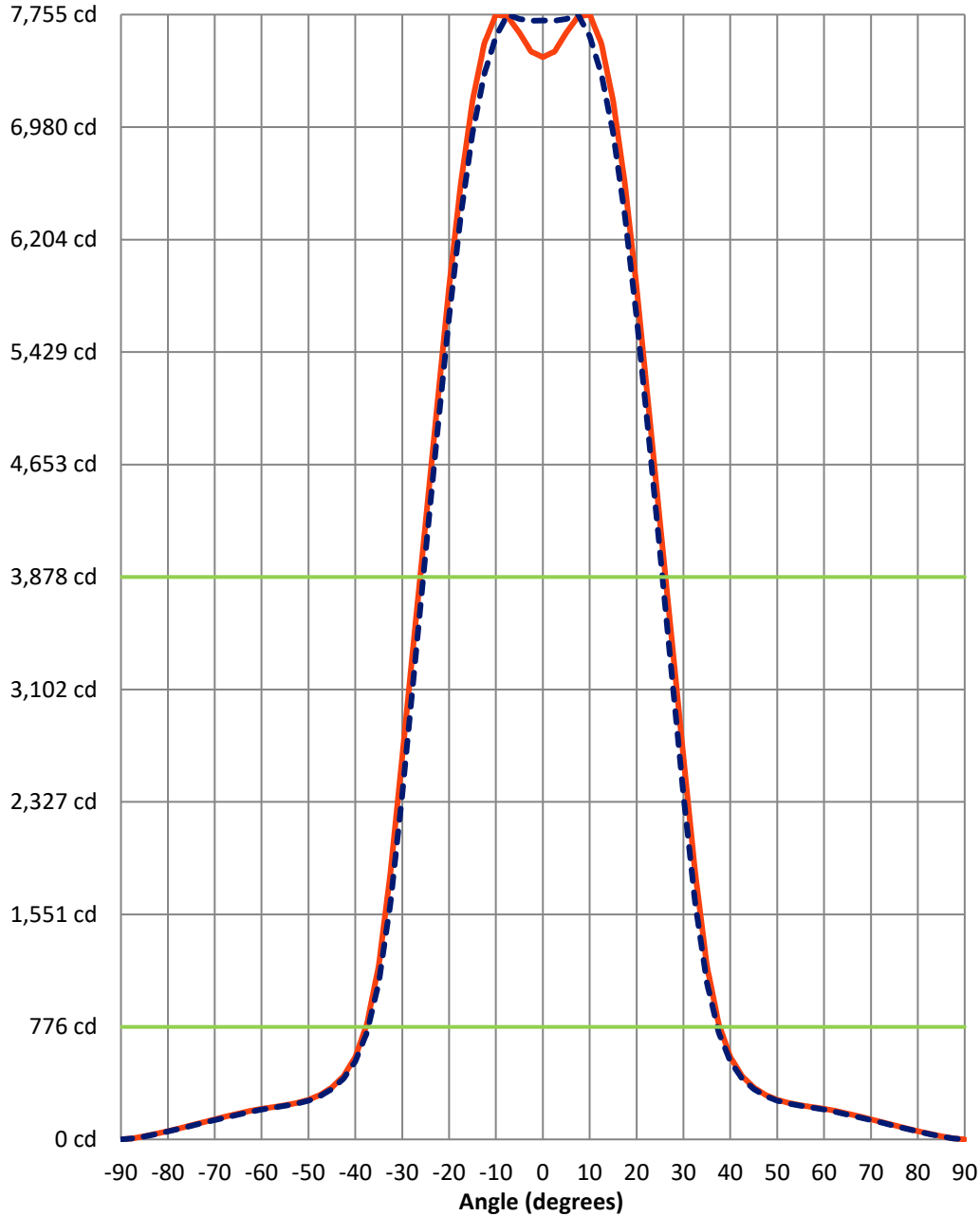
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Luminous Intensity Polar Plot



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Luminous Intensity Plot



Beam:
 H Angle: 51°
 V Angle: 52.3°
 Lumens: 4381.1
 Efficiency: 66.4%

Field:
 H Angle: 74.5°
 V Angle: 75.5°
 Lumens: 5696.7
 Efficiency: 86.3%

Spill:
 Lumens: 903.9
 Efficiency: 13.7%

— Vertical Distribution through -7.5-Deg
 - - Horizontal Distribution through 10-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	0.6	0.9	1.2	1.5	1.8	2.1	2.5	3.0	3.4
85°	0.0	0.6	1.2	1.8	2.4	2.9	3.5	4.3	5.1	5.9	6.8
82.5°	0.0	0.9	1.8	2.7	3.5	4.4	5.3	6.4	7.8	9.8	11.7
80°	0.0	1.2	2.4	3.5	4.7	5.9	7.3	10.0	12.6	15.1	17.4
77.5°	0.0	1.5	2.9	4.4	5.9	7.9	11.0	14.3	17.4	20.3	23.5
75°	0.0	1.8	3.5	5.3	7.3	11.0	14.8	18.6	22.3	26.5	30.8
72.5°	0.0	2.0	4.1	6.1	9.7	14.1	18.5	23.0	28.1	33.1	38.0
70°	0.0	2.3	4.6	7.1	12.2	17.2	22.3	28.1	33.9	39.6	45.5
67.5°	0.0	2.6	5.2	9.0	14.6	20.2	26.5	33.1	39.6	46.2	53.0
65°	0.0	2.9	5.7	10.7	17.0	23.4	30.7	38.0	45.3	52.7	60.6
62.5°	0.0	3.1	6.3	12.5	19.3	26.7	34.7	42.8	50.8	59.2	68.8
60°	0.0	3.4	6.8	14.2	21.6	30.0	38.7	47.5	56.2	66.3	76.7
57.5°	0.0	3.7	7.9	15.9	24.1	33.2	42.6	52.1	62.2	73.2	84.2
55°	0.0	3.9	8.9	17.5	26.5	36.2	46.5	56.5	68.1	79.9	91.4
52.5°	0.0	4.1	10.0	19.1	28.8	39.2	50.3	61.4	73.7	86.2	98.4
50°	0.0	4.4	11.0	20.6	31.1	42.3	53.9	66.3	79.2	92.2	105.2
47.5°	0.0	4.6	11.9	22.1	33.3	45.3	57.6	70.9	84.4	98.1	111.7
45°	0.0	4.8	12.8	23.6	35.3	48.2	61.3	75.3	89.4	103.8	118.1
42.5°	0.0	5.0	13.7	25.1	37.3	50.9	64.9	79.4	94.2	109.2	124.0
40°	0.0	5.2	14.5	26.5	39.3	53.6	68.3	83.4	98.8	114.4	129.7
37.5°	0.0	5.4	15.2	27.7	41.3	56.2	71.5	87.1	103.2	119.4	135.2
35°	0.0	5.6	15.9	28.9	43.2	58.6	74.5	90.6	107.4	124.0	140.3
32.5°	0.0	5.7	16.6	30.0	45.0	61.0	77.3	93.8	111.4	128.4	144.8
30°	0.0	5.9	17.2	31.1	46.7	63.2	79.9	96.9	115.2	132.4	149.1
27.5°	0.0	6.0	17.8	32.0	48.2	65.2	82.2	99.9	118.6	136.0	153.0
25°	0.0	6.2	18.3	32.9	49.6	67.0	84.4	102.7	121.6	139.3	156.5
22.5°	0.0	6.3	18.7	33.7	50.8	68.6	86.3	105.2	124.2	142.1	159.7
20°	0.0	6.4	19.1	34.4	51.9	70.0	88.0	107.5	126.6	144.7	162.6
17.5°	0.0	6.5	19.5	35.0	52.9	71.2	89.6	109.5	128.7	147.0	165.2
15°	0.0	6.6	19.8	35.5	53.7	72.2	91.0	111.4	130.4	148.9	167.3
12.5°	0.0	6.6	20.0	35.9	54.4	73.1	92.2	113.0	131.9	150.5	169.1
10°	0.0	6.7	20.2	36.2	54.9	73.8	93.2	114.3	133.3	152.0	170.6
7.5°	0.0	6.7	20.3	36.5	55.3	74.2	94.0	115.4	134.3	153.2	172.0
5°	0.0	6.8	20.4	36.6	55.6	74.5	94.5	116.1	135.1	154.0	172.9
2.5°	0.0	6.8	20.4	36.6	55.7	74.7	94.9	116.6	135.5	154.5	173.5
0°	0.0	6.8	20.4	36.6	55.6	74.6	95.0	116.7	135.7	154.7	173.7
-2.5°	0.0	6.8	20.4	36.6	55.7	74.7	94.9	116.6	135.5	154.5	173.5
-5°	0.0	6.8	20.4	36.6	55.6	74.5	94.5	116.1	135.1	154.0	172.9
-7.5°	0.0	6.7	20.3	36.5	55.3	74.2	94.0	115.4	134.3	153.2	172.0
-10°	0.0	6.7	20.2	36.2	54.9	73.8	93.2	114.3	133.3	152.0	170.6
-12.5°	0.0	6.6	20.0	35.9	54.4	73.1	92.2	113.0	131.9	150.5	169.1
-15°	0.0	6.6	19.8	35.5	53.7	72.2	91.0	111.4	130.4	148.9	167.3
-17.5°	0.0	6.5	19.5	35.0	52.9	71.2	89.6	109.5	128.7	147.0	165.2
-20°	0.0	6.4	19.1	34.4	51.9	70.0	88.0	107.5	126.6	144.7	162.6

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CATALOG NUMBER: GFLD-SA1D-730-U-MWR-XX

CANDELA DISTRIBUTION (continued):

	-90°	-87.5°	-85°	-82.5°	-80°	-77.5°	-75°	-72.5°	-70°	-67.5°	-65°
-22.5°	0.0	6.3	18.7	33.7	50.8	68.6	86.3	105.2	124.2	142.1	159.7
-25°	0.0	6.2	18.3	32.9	49.6	67.0	84.4	102.7	121.6	139.3	156.5
-27.5°	0.0	6.0	17.8	32.0	48.2	65.2	82.2	99.9	118.6	136.0	153.0
-30°	0.0	5.9	17.2	31.1	46.7	63.2	79.9	96.9	115.2	132.4	149.1
-32.5°	0.0	5.7	16.6	30.0	45.0	61.0	77.3	93.8	111.4	128.4	144.8
-35°	0.0	5.6	15.9	28.9	43.2	58.6	74.5	90.6	107.4	124.0	140.3
-37.5°	0.0	5.4	15.2	27.7	41.3	56.2	71.5	87.1	103.2	119.4	135.2
-40°	0.0	5.2	14.5	26.5	39.3	53.6	68.3	83.4	98.8	114.4	129.7
-42.5°	0.0	5.0	13.7	25.1	37.3	50.9	64.9	79.4	94.2	109.2	124.0
-45°	0.0	4.8	12.8	23.6	35.3	48.2	61.3	75.3	89.4	103.8	118.1
-47.5°	0.0	4.6	11.9	22.1	33.3	45.3	57.6	70.9	84.4	98.1	111.7
-50°	0.0	4.4	11.0	20.6	31.1	42.3	53.9	66.3	79.2	92.2	105.2
-52.5°	0.0	4.1	10.0	19.1	28.8	39.2	50.3	61.4	73.7	86.2	98.4
-55°	0.0	3.9	8.9	17.5	26.5	36.2	46.5	56.5	68.1	79.9	91.4
-57.5°	0.0	3.7	7.9	15.9	24.1	33.2	42.6	52.1	62.2	73.2	84.2
-60°	0.0	3.4	6.8	14.2	21.6	30.0	38.7	47.5	56.2	66.3	76.7
-62.5°	0.0	3.1	6.3	12.5	19.3	26.7	34.7	42.8	50.8	59.2	68.8
-65°	0.0	2.9	5.7	10.7	17.0	23.4	30.7	38.0	45.3	52.7	60.6
-67.5°	0.0	2.6	5.2	9.0	14.6	20.2	26.5	33.1	39.6	46.2	53.0
-70°	0.0	2.3	4.6	7.1	12.2	17.2	22.3	28.1	33.9	39.6	45.5
-72.5°	0.0	2.0	4.1	6.1	9.7	14.1	18.5	23.0	28.1	33.1	38.0
-75°	0.0	1.8	3.5	5.3	7.3	11.0	14.8	18.6	22.3	26.5	30.8
-77.5°	0.0	1.5	2.9	4.4	5.9	7.9	11.0	14.3	17.4	20.3	23.5
-80°	0.0	1.2	2.4	3.5	4.7	5.9	7.3	10.0	12.6	15.1	17.4
-82.5°	0.0	0.9	1.8	2.7	3.5	4.4	5.3	6.4	7.8	9.8	11.7
-85°	0.0	0.6	1.2	1.8	2.4	2.9	3.5	4.3	5.1	5.9	6.8
-87.5°	0.0	0.3	0.6	0.9	1.2	1.5	1.8	2.1	2.5	3.0	3.4
-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	4.0	4.4	4.6	4.9	5.2	5.5	5.7	6.0	6.2	6.4
85°	7.5	8.1	9.2	10.3	11.3	12.4	13.4	14.3	15.2	16.1	16.9
82.5°	13.4	15.2	17.0	18.8	20.4	22.0	23.5	25.0	26.6	28.1	29.6
80°	19.8	22.2	25.1	27.7	30.1	32.3	34.4	36.5	38.7	41.1	43.5
77.5°	27.1	30.6	33.9	37.0	39.9	43.2	46.3	49.3	52.4	55.5	58.4
75°	35.0	39.0	43.2	47.3	51.3	55.2	59.0	62.8	66.7	70.6	74.3
72.5°	43.1	48.1	53.1	57.9	62.8	67.7	72.4	76.9	81.5	86.3	90.9
70°	51.5	57.2	63.3	69.2	74.8	80.4	86.2	91.7	97.1	102.6	108.1
67.5°	59.9	67.2	74.0	80.5	87.1	93.8	100.3	106.9	113.3	119.7	125.8
65°	69.3	77.2	84.6	92.1	99.6	107.4	115.1	122.5	129.9	137.0	143.5
62.5°	78.4	86.8	95.1	103.6	112.5	121.3	129.7	138.1	146.7	154.2	160.8
60°	86.8	96.1	105.4	115.1	125.0	134.5	143.8	153.0	162.3	170.9	176.2
57.5°	94.9	105.2	115.5	126.0	136.4	147.0	156.8	166.9	175.5	182.8	189.0
55°	102.8	114.0	125.0	136.0	147.2	158.3	169.0	178.5	186.9	193.0	199.0
52.5°	110.5	122.4	133.7	145.6	157.5	169.2	180.4	189.3	196.2	202.4	208.0
50°	118.0	130.0	142.0	154.9	167.5	179.8	190.3	198.2	205.2	211.2	217.0
47.5°	125.0	137.5	150.4	163.9	177.1	189.1	198.8	206.9	214.1	220.6	227.5
45°	131.7	145.1	158.6	172.5	186.1	197.7	207.0	215.7	222.4	229.8	237.7
42.5°	138.3	152.3	166.4	180.8	194.5	205.4	214.6	222.7	230.6	239.3	248.9
40°	144.5	159.1	173.8	188.8	202.5	212.1	221.2	229.7	239.3	249.7	260.8
37.5°	150.3	165.4	180.8	196.4	208.4	218.2	227.5	237.1	248.2	260.2	275.3
35°	155.7	171.4	187.2	202.2	213.6	224.1	233.7	244.4	257.4	273.1	292.3
32.5°	160.8	176.9	193.2	206.9	218.4	229.3	239.2	252.5	268.1	286.8	314.1
30°	165.4	181.9	198.3	211.6	222.8	233.7	245.8	260.7	279.0	306.3	341.2
27.5°	169.8	186.5	202.3	215.4	226.7	238.0	252.1	270.2	294.3	326.8	370.1
25°	173.7	190.8	206.1	218.7	230.3	242.8	258.2	278.5	310.2	352.1	410.7
22.5°	177.3	194.8	209.8	221.5	233.7	247.3	265.2	290.6	327.1	376.1	451.7
20°	180.5	197.8	212.6	224.1	236.8	251.0	271.4	302.1	346.0	409.5	506.1
17.5°	183.3	200.4	214.6	226.7	239.9	255.1	277.4	312.0	362.9	438.7	561.0
15°	185.7	202.6	216.3	228.8	242.6	259.8	285.9	325.0	382.4	469.0	608.9
12.5°	187.7	204.5	217.8	230.6	244.8	263.8	293.1	337.2	402.7	506.3	679.4
10°	189.3	205.9	218.9	232.0	246.5	267.0	299.0	347.2	419.6	538.6	739.6
7.5°	190.8	207.0	219.6	233.0	247.7	269.4	303.4	354.9	432.5	564.0	787.3
5°	191.8	207.7	220.0	233.5	248.7	270.9	306.5	360.3	441.5	582.1	820.8
2.5°	192.5	207.9	220.1	233.7	249.4	271.6	308.0	363.2	448.5	590.7	838.8
0°	192.7	207.7	219.9	233.4	249.7	271.5	308.1	363.7	452.0	590.4	841.5
-2.5°	192.5	207.9	220.1	233.7	249.4	271.6	308.0	363.2	448.5	590.7	838.8
-5°	191.8	207.7	220.0	233.5	248.7	270.9	306.5	360.3	441.5	582.1	820.8
-7.5°	190.8	207.0	219.6	233.0	247.7	269.4	303.4	354.9	432.5	564.0	787.3
-10°	189.3	205.9	218.9	232.0	246.5	267.0	299.0	347.2	419.6	538.6	739.6
-12.5°	187.7	204.5	217.8	230.6	244.8	263.8	293.1	337.2	402.7	506.3	679.4
-15°	185.7	202.6	216.3	228.8	242.6	259.8	285.9	325.0	382.4	469.0	608.9
-17.5°	183.3	200.4	214.6	226.7	239.9	255.1	277.4	312.0	362.9	438.7	561.0
-20°	180.5	197.8	212.6	224.1	236.8	251.0	271.4	302.1	346.0	409.5	506.1

Classified

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

Scaled Data Report



REPORT NUMBER: P626727 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA1D-730-U-MWR-XX

CANDELA DISTRIBUTION (continued):

	-62.5°	-60°	-57.5°	-55°	-52.5°	-50°	-47.5°	-45°	-42.5°	-40°	-37.5°
-22.5°	177.3	194.8	209.8	221.5	233.7	247.3	265.2	290.6	327.1	376.1	451.7
-25°	173.7	190.8	206.1	218.7	230.3	242.8	258.2	278.5	310.2	352.1	410.7
-27.5°	169.8	186.5	202.3	215.4	226.7	238.0	252.1	270.2	294.3	326.8	370.1
-30°	165.4	181.9	198.3	211.6	222.8	233.7	245.8	260.7	279.0	306.3	341.2
-32.5°	160.8	176.9	193.2	206.9	218.4	229.3	239.2	252.5	268.1	286.8	314.1
-35°	155.7	171.4	187.2	202.2	213.6	224.1	233.7	244.4	257.4	273.1	292.3
-37.5°	150.3	165.4	180.8	196.4	208.4	218.2	227.5	237.1	248.2	260.2	275.3
-40°	144.5	159.1	173.8	188.8	202.5	212.1	221.2	229.7	239.3	249.7	260.8
-42.5°	138.3	152.3	166.4	180.8	194.5	205.4	214.6	222.7	230.6	239.3	248.9
-45°	131.7	145.1	158.6	172.5	186.1	197.7	207.0	215.7	222.4	229.8	237.7
-47.5°	125.0	137.5	150.4	163.9	177.1	189.1	198.8	206.9	214.1	220.6	227.5
-50°	118.0	130.0	142.0	154.9	167.5	179.8	190.3	198.2	205.2	211.2	217.0
-52.5°	110.5	122.4	133.7	145.6	157.5	169.2	180.4	189.3	196.2	202.4	208.0
-55°	102.8	114.0	125.0	136.0	147.2	158.3	169.0	178.5	186.9	193.0	199.0
-57.5°	94.9	105.2	115.5	126.0	136.4	147.0	156.8	166.9	175.5	182.8	189.0
-60°	86.8	96.1	105.4	115.1	125.0	134.5	143.8	153.0	162.3	170.9	176.2
-62.5°	78.4	86.8	95.1	103.6	112.5	121.3	129.7	138.1	146.7	154.2	160.8
-65°	69.3	77.2	84.6	92.1	99.6	107.4	115.1	122.5	129.9	137.0	143.5
-67.5°	59.9	67.2	74.0	80.5	87.1	93.8	100.3	106.9	113.3	119.7	125.8
-70°	51.5	57.2	63.3	69.2	74.8	80.4	86.2	91.7	97.1	102.6	108.1
-72.5°	43.1	48.1	53.1	57.9	62.8	67.7	72.4	76.9	81.5	86.3	90.9
-75°	35.0	39.0	43.2	47.3	51.3	55.2	59.0	62.8	66.7	70.6	74.3
-77.5°	27.1	30.6	33.9	37.0	39.9	43.2	46.3	49.3	52.4	55.5	58.4
-80°	19.8	22.2	25.1	27.7	30.1	32.3	34.4	36.5	38.7	41.1	43.5
-82.5°	13.4	15.2	17.0	18.8	20.4	22.0	23.5	25.0	26.6	28.1	29.6
-85°	7.5	8.1	9.2	10.3	11.3	12.4	13.4	14.3	15.2	16.1	16.9
-87.5°	3.7	4.0	4.4	4.6	4.9	5.2	5.5	5.7	6.0	6.2	6.4
-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: P626727 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA1D-730-U-MWR-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°	6.6	6.6	6.5	6.3	6.2	6.6	7.0	7.4	7.8	7.6	7.3
85°	17.7	18.1	18.4	18.7	18.9	19.8	20.6	21.4	22.1	22.0	21.9
82.5°	31.1	32.1	33.0	33.7	34.4	35.4	36.3	37.1	37.7	38.2	38.6
80°	45.8	47.4	48.8	50.1	51.3	52.6	53.8	54.8	55.8	56.3	56.6
77.5°	61.3	63.7	65.9	67.9	69.8	71.7	73.5	75.0	76.3	76.7	76.6
75°	77.9	81.0	84.0	86.8	89.4	91.5	93.4	94.9	96.2	96.8	97.2
72.5°	95.2	99.1	102.6	105.8	108.5	110.8	112.8	114.5	115.9	116.8	117.3
70°	113.3	117.9	121.6	124.6	126.9	129.1	131.7	134.1	136.3	137.6	138.0
67.5°	131.5	136.3	139.6	142.3	144.4	146.7	149.8	152.7	155.2	156.9	158.0
65°	149.2	154.3	157.6	160.2	162.2	164.4	168.0	170.8	173.0	174.7	176.2
62.5°	166.7	171.9	175.6	178.7	181.5	184.0	186.9	189.3	191.1	192.8	194.8
60°	182.0	188.0	191.9	195.0	198.6	202.4	204.5	206.3	207.9	209.2	210.4
57.5°	194.4	199.8	204.8	208.6	212.2	215.8	218.3	220.0	221.3	222.4	222.8
55°	204.8	210.4	216.0	220.0	223.6	227.0	229.7	231.9	233.7	235.1	235.5
52.5°	214.1	220.4	225.8	230.6	235.3	239.3	242.3	245.3	247.8	249.9	250.8
50°	224.2	230.8	237.6	243.9	249.0	253.5	257.1	261.3	265.8	269.5	271.8
47.5°	234.9	242.5	250.7	258.5	264.5	271.1	277.2	283.5	291.7	298.6	303.8
45°	246.1	255.8	265.1	275.0	283.3	295.8	307.4	317.3	330.5	342.5	352.0
42.5°	259.2	271.3	282.8	298.6	315.2	332.2	350.6	366.3	387.0	408.0	425.0
40°	274.8	290.2	310.5	331.8	357.9	381.4	413.1	441.4	473.1	513.2	546.3
37.5°	293.6	317.3	345.6	375.2	416.0	455.0	507.5	562.8	613.0	690.1	755.0
35°	318.0	351.2	388.4	440.8	498.6	571.6	653.5	760.3	852.0	982.0	1106.2
32.5°	349.4	392.1	452.9	533.8	619.1	751.7	881.6	1067.2	1239.0	1445.1	1667.5
30°	384.3	449.4	542.2	653.2	812.4	1007.4	1236.5	1521.5	1833.4	2123.1	2408.5
27.5°	435.0	528.3	650.1	829.3	1077.3	1350.1	1751.6	2138.5	2542.2	2901.0	3200.2
25°	494.2	617.4	805.9	1069.7	1405.1	1872.3	2352.9	2830.4	3264.5	3640.1	3970.8
22.5°	570.6	747.8	999.1	1340.7	1863.1	2423.1	2986.6	3513.3	3976.3	4394.7	4752.6
20°	653.7	875.4	1234.4	1743.7	2341.1	2979.0	3615.3	4176.4	4686.3	5160.6	5564.0
17.5°	759.0	1069.5	1524.1	2135.1	2825.7	3524.8	4193.2	4802.0	5380.5	5882.4	6303.9
15°	848.8	1240.5	1833.7	2550.3	3297.4	4034.7	4740.4	5401.8	6003.2	6518.1	6914.4
12.5°	968.5	1432.1	2108.6	2907.3	3716.8	4492.7	5236.0	5919.5	6531.6	7040.8	7349.4
10°	1081.7	1630.4	2374.3	3207.2	4048.3	4875.0	5668.6	6369.6	6937.9	7343.0	7605.9
7.5°	1177.9	1800.9	2590.5	3449.7	4311.6	5175.9	5979.3	6661.4	7185.3	7523.7	7706.7
5°	1249.7	1928.3	2751.0	3646.7	4531.1	5410.6	6207.7	6848.0	7300.9	7552.2	7644.1
2.5°	1295.5	2003.1	2844.1	3776.0	4678.1	5559.2	6364.4	6994.7	7378.9	7545.5	7561.4
0°	1313.8	2012.8	2858.4	3843.8	4715.1	5601.4	6409.0	7055.1	7408.0	7545.0	7542.3
-2.5°	1295.5	2003.1	2844.1	3776.0	4678.1	5559.2	6364.4	6994.7	7378.9	7545.5	7561.4
-5°	1249.7	1928.3	2751.0	3646.7	4531.1	5410.6	6207.7	6848.0	7300.9	7552.2	7644.1
-7.5°	1177.9	1800.9	2590.5	3449.7	4311.6	5175.9	5979.3	6661.4	7185.3	7523.7	7706.7
-10°	1081.7	1630.4	2374.3	3207.2	4048.3	4875.0	5668.6	6369.6	6937.9	7343.0	7605.9
-12.5°	968.5	1432.1	2108.6	2907.3	3716.8	4492.7	5236.0	5919.5	6531.6	7040.8	7349.4
-15°	848.8	1240.5	1833.7	2550.3	3297.4	4034.7	4740.4	5401.8	6003.2	6518.1	6914.4
-17.5°	759.0	1069.5	1524.1	2135.1	2825.7	3524.8	4193.2	4802.0	5380.5	5882.4	6303.9
-20°	653.7	875.4	1234.4	1743.7	2341.1	2979.0	3615.3	4176.4	4686.3	5160.6	5564.0

Classified

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

Scaled Data Report



REPORT NUMBER: P626727 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA1D-730-U-MWR-XX

CANDELA DISTRIBUTION (continued):

	-35°	-32.5°	-30°	-27.5°	-25°	-22.5°	-20°	-17.5°	-15°	-12.5°	-10°
-22.5°	570.6	747.8	999.1	1340.7	1863.1	2423.1	2986.6	3513.3	3976.3	4394.7	4752.6
-25°	494.2	617.4	805.9	1069.7	1405.1	1872.3	2352.9	2830.4	3264.5	3640.1	3970.8
-27.5°	435.0	528.3	650.1	829.3	1077.3	1350.1	1751.6	2138.5	2542.2	2901.0	3200.2
-30°	384.3	449.4	542.2	653.2	812.4	1007.4	1236.5	1521.5	1833.4	2123.1	2408.5
-32.5°	349.4	392.1	452.9	533.8	619.1	751.7	881.6	1067.2	1239.0	1445.1	1667.5
-35°	318.0	351.2	388.4	440.8	498.6	571.6	653.5	760.3	852.0	982.0	1106.2
-37.5°	293.6	317.3	345.6	375.2	416.0	455.0	507.5	562.8	613.0	690.1	755.0
-40°	274.8	290.2	310.5	331.8	357.9	381.4	413.1	441.4	473.1	513.2	546.3
-42.5°	259.2	271.3	282.8	298.6	315.2	332.2	350.6	366.3	387.0	408.0	425.0
-45°	246.1	255.8	265.1	275.0	283.3	295.8	307.4	317.3	330.5	342.5	352.0
-47.5°	234.9	242.5	250.7	258.5	264.5	271.1	277.2	283.5	291.7	298.6	303.8
-50°	224.2	230.8	237.6	243.9	249.0	253.5	257.1	261.3	265.8	269.5	271.8
-52.5°	214.1	220.4	225.8	230.6	235.3	239.3	242.3	245.3	247.8	249.9	250.8
-55°	204.8	210.4	216.0	220.0	223.6	227.0	229.7	231.9	233.7	235.1	235.5
-57.5°	194.4	199.8	204.8	208.6	212.2	215.8	218.3	220.0	221.3	222.4	222.8
-60°	182.0	188.0	191.9	195.0	198.6	202.4	204.5	206.3	207.9	209.2	210.4
-62.5°	166.7	171.9	175.6	178.7	181.5	184.0	186.9	189.3	191.1	192.8	194.8
-65°	149.2	154.3	157.6	160.2	162.2	164.4	168.0	170.8	173.0	174.7	176.2
-67.5°	131.5	136.3	139.6	142.3	144.4	146.7	149.8	152.7	155.2	156.9	158.0
-70°	113.3	117.9	121.6	124.6	126.9	129.1	131.7	134.1	136.3	137.6	138.0
-72.5°	95.2	99.1	102.6	105.8	108.5	110.8	112.8	114.5	115.9	116.8	117.3
-75°	77.9	81.0	84.0	86.8	89.4	91.5	93.4	94.9	96.2	96.8	97.2
-77.5°	61.3	63.7	65.9	67.9	69.8	71.7	73.5	75.0	76.3	76.7	76.6
-80°	45.8	47.4	48.8	50.1	51.3	52.6	53.8	54.8	55.8	56.3	56.6
-82.5°	31.1	32.1	33.0	33.7	34.4	35.4	36.3	37.1	37.7	38.2	38.6
-85°	17.7	18.1	18.4	18.7	18.9	19.8	20.6	21.4	22.1	22.0	21.9
-87.5°	6.6	6.6	6.5	6.3	6.2	6.6	7.0	7.4	7.8	7.6	7.3
-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: P626727 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA1D-730-U-MWR-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°	7.1	6.8	6.8	6.8	6.8	6.8	7.1	7.3	7.6	7.8	7.4
85°	21.8	21.6	21.0	20.4	21.0	21.6	21.8	21.9	22.0	22.1	21.4
82.5°	39.0	39.2	38.7	38.0	38.7	39.2	39.0	38.6	38.2	37.7	37.1
80°	56.7	56.7	56.2	55.6	56.2	56.7	56.7	56.6	56.3	55.8	54.8
77.5°	76.2	75.7	75.9	76.0	75.9	75.7	76.2	76.6	76.7	76.3	75.0
75°	97.3	97.2	96.9	96.4	96.9	97.2	97.3	97.2	96.8	96.2	94.9
72.5°	117.6	117.6	117.3	116.7	117.3	117.6	117.6	117.3	116.8	115.9	114.5
70°	138.1	137.9	138.2	138.4	138.2	137.9	138.1	138.0	137.6	136.3	134.1
67.5°	158.9	159.5	159.4	158.8	159.4	159.5	158.9	158.0	156.9	155.2	152.7
65°	177.5	178.4	179.0	179.2	179.0	178.4	177.5	176.2	174.7	173.0	170.8
62.5°	196.3	197.3	197.4	196.8	197.4	197.3	196.3	194.8	192.8	191.1	189.3
60°	211.0	211.2	211.0	210.4	211.0	211.2	211.0	210.4	209.2	207.9	206.3
57.5°	222.8	222.4	221.9	221.2	221.9	222.4	222.8	222.8	222.4	221.3	220.0
55°	235.3	234.6	234.1	233.4	234.1	234.6	235.3	235.5	235.1	233.7	231.9
52.5°	251.0	250.7	250.3	249.7	250.3	250.7	251.0	250.8	249.9	247.8	245.3
50°	273.0	273.3	273.3	272.8	273.3	273.3	273.0	271.8	269.5	265.8	261.3
47.5°	307.0	308.8	310.1	310.8	310.1	308.8	307.0	303.8	298.6	291.7	283.5
45°	358.1	361.7	364.3	366.5	364.3	361.7	358.1	352.0	342.5	330.5	317.3
42.5°	436.9	445.1	448.9	447.9	448.9	445.1	436.9	425.0	408.0	387.0	366.3
40°	568.4	581.5	588.7	594.5	588.7	581.5	568.4	546.3	513.2	473.1	441.4
37.5°	799.2	824.6	838.0	849.6	838.0	824.6	799.2	755.0	690.1	613.0	562.8
35°	1199.1	1256.2	1286.9	1297.5	1286.9	1256.2	1199.1	1106.2	982.0	852.0	760.3
32.5°	1840.5	1946.1	2004.4	2049.5	2004.4	1946.1	1840.5	1667.5	1445.1	1239.0	1067.2
30°	2634.4	2773.4	2850.6	2888.3	2850.6	2773.4	2634.4	2408.5	2123.1	1833.4	1521.5
27.5°	3448.3	3606.3	3689.5	3685.0	3689.5	3606.3	3448.3	3200.2	2901.0	2542.2	2138.5
25°	4254.3	4437.2	4520.1	4594.3	4520.1	4437.2	4254.3	3970.8	3640.1	3264.5	2830.4
22.5°	5069.4	5283.3	5400.1	5454.8	5400.1	5283.3	5069.4	4752.6	4394.7	3976.3	3513.3
20°	5874.9	6113.1	6237.0	6290.9	6237.0	6113.1	5874.9	5564.0	5160.6	4686.3	4176.4
17.5°	6589.2	6821.7	6939.8	6989.9	6939.8	6821.7	6589.2	6303.9	5882.4	5380.5	4802.0
15°	7159.6	7331.1	7431.6	7458.2	7431.6	7331.1	7159.6	6914.4	6518.1	6003.2	5401.8
12.5°	7553.9	7620.3	7668.6	7683.5	7668.6	7620.3	7553.9	7349.4	7040.8	6531.6	5919.5
10°	7755.5	7725.5	7713.1	7714.7	7713.1	7725.5	7755.5	7605.9	7343.0	6937.9	6369.6
7.5°	7741.6	7697.2	7608.1	7593.9	7608.1	7697.2	7741.6	7706.7	7523.7	7185.3	6661.4
5°	7630.4	7549.6	7401.6	7359.1	7401.6	7549.6	7630.4	7644.1	7552.2	7300.9	6848.0
2.5°	7500.8	7355.1	7218.8	7131.1	7218.8	7355.1	7500.8	7561.4	7545.5	7378.9	6994.7
0°	7462.2	7293.9	7117.5	7060.5	7117.5	7293.9	7462.2	7542.3	7545.0	7408.0	7055.1
-2.5°	7500.8	7355.1	7218.8	7131.1	7218.8	7355.1	7500.8	7561.4	7545.5	7378.9	6994.7
-5°	7630.4	7549.6	7401.6	7359.1	7401.6	7549.6	7630.4	7644.1	7552.2	7300.9	6848.0
-7.5°	7741.6	7697.2	7608.1	7593.9	7608.1	7697.2	7741.6	7706.7	7523.7	7185.3	6661.4
-10°	7755.5	7725.5	7713.1	7714.7	7713.1	7725.5	7755.5	7605.9	7343.0	6937.9	6369.6
-12.5°	7553.9	7620.3	7668.6	7683.5	7668.6	7620.3	7553.9	7349.4	7040.8	6531.6	5919.5
-15°	7159.6	7331.1	7431.6	7458.2	7431.6	7331.1	7159.6	6914.4	6518.1	6003.2	5401.8
-17.5°	6589.2	6821.7	6939.8	6989.9	6939.8	6821.7	6589.2	6303.9	5882.4	5380.5	4802.0
-20°	5874.9	6113.1	6237.0	6290.9	6237.0	6113.1	5874.9	5564.0	5160.6	4686.3	4176.4



REPORT NUMBER: P626727 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA1D-730-U-MWR-XX

CANDELA DISTRIBUTION (continued):

	-7.5°	-5°	-2.5°	0°	2.5°	5°	7.5°	10°	12.5°	15°	17.5°
-22.5°	5069.4	5283.3	5400.1	5454.8	5400.1	5283.3	5069.4	4752.6	4394.7	3976.3	3513.3
-25°	4254.3	4437.2	4520.1	4594.3	4520.1	4437.2	4254.3	3970.8	3640.1	3264.5	2830.4
-27.5°	3448.3	3606.3	3689.5	3685.0	3689.5	3606.3	3448.3	3200.2	2901.0	2542.2	2138.5
-30°	2634.4	2773.4	2850.6	2888.3	2850.6	2773.4	2634.4	2408.5	2123.1	1833.4	1521.5
-32.5°	1840.5	1946.1	2004.4	2049.5	2004.4	1946.1	1840.5	1667.5	1445.1	1239.0	1067.2
-35°	1199.1	1256.2	1286.9	1297.5	1286.9	1256.2	1199.1	1106.2	982.0	852.0	760.3
-37.5°	799.2	824.6	838.0	849.6	838.0	824.6	799.2	755.0	690.1	613.0	562.8
-40°	568.4	581.5	588.7	594.5	588.7	581.5	568.4	546.3	513.2	473.1	441.4
-42.5°	436.9	445.1	448.9	447.9	448.9	445.1	436.9	425.0	408.0	387.0	366.3
-45°	358.1	361.7	364.3	366.5	364.3	361.7	358.1	352.0	342.5	330.5	317.3
-47.5°	307.0	308.8	310.1	310.8	310.1	308.8	307.0	303.8	298.6	291.7	283.5
-50°	273.0	273.3	273.3	272.8	273.3	273.3	273.0	271.8	269.5	265.8	261.3
-52.5°	251.0	250.7	250.3	249.7	250.3	250.7	251.0	250.8	249.9	247.8	245.3
-55°	235.3	234.6	234.1	233.4	234.1	234.6	235.3	235.5	235.1	233.7	231.9
-57.5°	222.8	222.4	221.9	221.2	221.9	222.4	222.8	222.8	222.4	221.3	220.0
-60°	211.0	211.2	211.0	210.4	211.0	211.2	211.0	210.4	209.2	207.9	206.3
-62.5°	196.3	197.3	197.4	196.8	197.4	197.3	196.3	194.8	192.8	191.1	189.3
-65°	177.5	178.4	179.0	179.2	179.0	178.4	177.5	176.2	174.7	173.0	170.8
-67.5°	158.9	159.5	159.4	158.8	159.4	159.5	158.9	158.0	156.9	155.2	152.7
-70°	138.1	137.9	138.2	138.4	138.2	137.9	138.1	138.0	137.6	136.3	134.1
-72.5°	117.6	117.6	117.3	116.7	117.3	117.6	117.6	117.3	116.8	115.9	114.5
-75°	97.3	97.2	96.9	96.4	96.9	97.2	97.3	97.2	96.8	96.2	94.9
-77.5°	76.2	75.7	75.9	76.0	75.9	75.7	76.2	76.6	76.7	76.3	75.0
-80°	56.7	56.7	56.2	55.6	56.2	56.7	56.7	56.6	56.3	55.8	54.8
-82.5°	39.0	39.2	38.7	38.0	38.7	39.2	39.0	38.6	38.2	37.7	37.1
-85°	21.8	21.6	21.0	20.4	21.0	21.6	21.8	21.9	22.0	22.1	21.4
-87.5°	7.1	6.8	6.8	6.8	6.8	6.8	7.1	7.3	7.6	7.8	7.4
-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: P626727 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA1D-730-U-MWR-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°	7.0	6.6	6.2	6.3	6.5	6.6	6.6	6.4	6.2	6.0	5.7
85°	20.6	19.8	18.9	18.7	18.4	18.1	17.7	16.9	16.1	15.2	14.3
82.5°	36.3	35.4	34.4	33.7	33.0	32.1	31.1	29.6	28.1	26.6	25.0
80°	53.8	52.6	51.3	50.1	48.8	47.4	45.8	43.5	41.1	38.7	36.5
77.5°	73.5	71.7	69.8	67.9	65.9	63.7	61.3	58.4	55.5	52.4	49.3
75°	93.4	91.5	89.4	86.8	84.0	81.0	77.9	74.3	70.6	66.7	62.8
72.5°	112.8	110.8	108.5	105.8	102.6	99.1	95.2	90.9	86.3	81.5	76.9
70°	131.7	129.1	126.9	124.6	121.6	117.9	113.3	108.1	102.6	97.1	91.7
67.5°	149.8	146.7	144.4	142.3	139.6	136.3	131.5	125.8	119.7	113.3	106.9
65°	168.0	164.4	162.2	160.2	157.6	154.3	149.2	143.5	137.0	129.9	122.5
62.5°	186.9	184.0	181.5	178.7	175.6	171.9	166.7	160.8	154.2	146.7	138.1
60°	204.5	202.4	198.6	195.0	191.9	188.0	182.0	176.2	170.9	162.3	153.0
57.5°	218.3	215.8	212.2	208.6	204.8	199.8	194.4	189.0	182.8	175.5	166.9
55°	229.7	227.0	223.6	220.0	216.0	210.4	204.8	199.0	193.0	186.9	178.5
52.5°	242.3	239.3	235.3	230.6	225.8	220.4	214.1	208.0	202.4	196.2	189.3
50°	257.1	253.5	249.0	243.9	237.6	230.8	224.2	217.0	211.2	205.2	198.2
47.5°	277.2	271.1	264.5	258.5	250.7	242.5	234.9	227.5	220.6	214.1	206.9
45°	307.4	295.8	283.3	275.0	265.1	255.8	246.1	237.7	229.8	222.4	215.7
42.5°	350.6	332.2	315.2	298.6	282.8	271.3	259.2	248.9	239.3	230.6	222.7
40°	413.1	381.4	357.9	331.8	310.5	290.2	274.8	260.8	249.7	239.3	229.7
37.5°	507.5	455.0	416.0	375.2	345.6	317.3	293.6	275.3	260.2	248.2	237.1
35°	653.5	571.6	498.6	440.8	388.4	351.2	318.0	292.3	273.1	257.4	244.4
32.5°	881.6	751.7	619.1	533.8	452.9	392.1	349.4	314.1	286.8	268.1	252.5
30°	1236.5	1007.4	812.4	653.2	542.2	449.4	384.3	341.2	306.3	279.0	260.7
27.5°	1751.6	1350.1	1077.3	829.3	650.1	528.3	435.0	370.1	326.8	294.3	270.2
25°	2352.9	1872.3	1405.1	1069.7	805.9	617.4	494.2	410.7	352.1	310.2	278.5
22.5°	2986.6	2423.1	1863.1	1340.7	999.1	747.8	570.6	451.7	376.1	327.1	290.6
20°	3615.3	2979.0	2341.1	1743.7	1234.4	875.4	653.7	506.1	409.5	346.0	302.1
17.5°	4193.2	3524.8	2825.7	2135.1	1524.1	1069.5	759.0	561.0	438.7	362.9	312.0
15°	4740.4	4034.7	3297.4	2550.3	1833.7	1240.5	848.8	608.9	469.0	382.4	325.0
12.5°	5236.0	4492.7	3716.8	2907.3	2108.6	1432.1	968.5	679.4	506.3	402.7	337.2
10°	5668.6	4875.0	4048.3	3207.2	2374.3	1630.4	1081.7	739.6	538.6	419.6	347.2
7.5°	5979.3	5175.9	4311.6	3449.7	2590.5	1800.9	1177.9	787.3	564.0	432.5	354.9
5°	6207.7	5410.6	4531.1	3646.7	2751.0	1928.3	1249.7	820.8	582.1	441.5	360.3
2.5°	6364.4	5559.2	4678.1	3776.0	2844.1	2003.1	1295.5	838.8	590.7	448.5	363.2
0°	6409.0	5601.4	4715.1	3843.8	2858.4	2012.8	1313.8	841.5	590.4	452.0	363.7
-2.5°	6364.4	5559.2	4678.1	3776.0	2844.1	2003.1	1295.5	838.8	590.7	448.5	363.2
-5°	6207.7	5410.6	4531.1	3646.7	2751.0	1928.3	1249.7	820.8	582.1	441.5	360.3
-7.5°	5979.3	5175.9	4311.6	3449.7	2590.5	1800.9	1177.9	787.3	564.0	432.5	354.9
-10°	5668.6	4875.0	4048.3	3207.2	2374.3	1630.4	1081.7	739.6	538.6	419.6	347.2
-12.5°	5236.0	4492.7	3716.8	2907.3	2108.6	1432.1	968.5	679.4	506.3	402.7	337.2
-15°	4740.4	4034.7	3297.4	2550.3	1833.7	1240.5	848.8	608.9	469.0	382.4	325.0
-17.5°	4193.2	3524.8	2825.7	2135.1	1524.1	1069.5	759.0	561.0	438.7	362.9	312.0
-20°	3615.3	2979.0	2341.1	1743.7	1234.4	875.4	653.7	506.1	409.5	346.0	302.1

Classified

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

Scaled Data Report



REPORT NUMBER: P626727 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA1D-730-U-MWR-XX

CANDELA DISTRIBUTION (continued):

	20°	22.5°	25°	27.5°	30°	32.5°	35°	37.5°	40°	42.5°	45°
-22.5°	2986.6	2423.1	1863.1	1340.7	999.1	747.8	570.6	451.7	376.1	327.1	290.6
-25°	2352.9	1872.3	1405.1	1069.7	805.9	617.4	494.2	410.7	352.1	310.2	278.5
-27.5°	1751.6	1350.1	1077.3	829.3	650.1	528.3	435.0	370.1	326.8	294.3	270.2
-30°	1236.5	1007.4	812.4	653.2	542.2	449.4	384.3	341.2	306.3	279.0	260.7
-32.5°	881.6	751.7	619.1	533.8	452.9	392.1	349.4	314.1	286.8	268.1	252.5
-35°	653.5	571.6	498.6	440.8	388.4	351.2	318.0	292.3	273.1	257.4	244.4
-37.5°	507.5	455.0	416.0	375.2	345.6	317.3	293.6	275.3	260.2	248.2	237.1
-40°	413.1	381.4	357.9	331.8	310.5	290.2	274.8	260.8	249.7	239.3	229.7
-42.5°	350.6	332.2	315.2	298.6	282.8	271.3	259.2	248.9	239.3	230.6	222.7
-45°	307.4	295.8	283.3	275.0	265.1	255.8	246.1	237.7	229.8	222.4	215.7
-47.5°	277.2	271.1	264.5	258.5	250.7	242.5	234.9	227.5	220.6	214.1	206.9
-50°	257.1	253.5	249.0	243.9	237.6	230.8	224.2	217.0	211.2	205.2	198.2
-52.5°	242.3	239.3	235.3	230.6	225.8	220.4	214.1	208.0	202.4	196.2	189.3
-55°	229.7	227.0	223.6	220.0	216.0	210.4	204.8	199.0	193.0	186.9	178.5
-57.5°	218.3	215.8	212.2	208.6	204.8	199.8	194.4	189.0	182.8	175.5	166.9
-60°	204.5	202.4	198.6	195.0	191.9	188.0	182.0	176.2	170.9	162.3	153.0
-62.5°	186.9	184.0	181.5	178.7	175.6	171.9	166.7	160.8	154.2	146.7	138.1
-65°	168.0	164.4	162.2	160.2	157.6	154.3	149.2	143.5	137.0	129.9	122.5
-67.5°	149.8	146.7	144.4	142.3	139.6	136.3	131.5	125.8	119.7	113.3	106.9
-70°	131.7	129.1	126.9	124.6	121.6	117.9	113.3	108.1	102.6	97.1	91.7
-72.5°	112.8	110.8	108.5	105.8	102.6	99.1	95.2	90.9	86.3	81.5	76.9
-75°	93.4	91.5	89.4	86.8	84.0	81.0	77.9	74.3	70.6	66.7	62.8
-77.5°	73.5	71.7	69.8	67.9	65.9	63.7	61.3	58.4	55.5	52.4	49.3
-80°	53.8	52.6	51.3	50.1	48.8	47.4	45.8	43.5	41.1	38.7	36.5
-82.5°	36.3	35.4	34.4	33.7	33.0	32.1	31.1	29.6	28.1	26.6	25.0
-85°	20.6	19.8	18.9	18.7	18.4	18.1	17.7	16.9	16.1	15.2	14.3
-87.5°	7.0	6.6	6.2	6.3	6.5	6.6	6.6	6.4	6.2	6.0	5.7
-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: P626727 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA1D-730-U-MWR-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°	5.5	5.2	4.9	4.6	4.4	4.0	3.7	3.4	3.0	2.5	2.1
85°	13.4	12.4	11.3	10.3	9.2	8.1	7.5	6.8	5.9	5.1	4.3
82.5°	23.5	22.0	20.4	18.8	17.0	15.2	13.4	11.7	9.8	7.8	6.4
80°	34.4	32.3	30.1	27.7	25.1	22.2	19.8	17.4	15.1	12.6	10.0
77.5°	46.3	43.2	39.9	37.0	33.9	30.6	27.1	23.5	20.3	17.4	14.3
75°	59.0	55.2	51.3	47.3	43.2	39.0	35.0	30.8	26.5	22.3	18.6
72.5°	72.4	67.7	62.8	57.9	53.1	48.1	43.1	38.0	33.1	28.1	23.0
70°	86.2	80.4	74.8	69.2	63.3	57.2	51.5	45.5	39.6	33.9	28.1
67.5°	100.3	93.8	87.1	80.5	74.0	67.2	59.9	53.0	46.2	39.6	33.1
65°	115.1	107.4	99.6	92.1	84.6	77.2	69.3	60.6	52.7	45.3	38.0
62.5°	129.7	121.3	112.5	103.6	95.1	86.8	78.4	68.8	59.2	50.8	42.8
60°	143.8	134.5	125.0	115.1	105.4	96.1	86.8	76.7	66.3	56.2	47.5
57.5°	156.8	147.0	136.4	126.0	115.5	105.2	94.9	84.2	73.2	62.2	52.1
55°	169.0	158.3	147.2	136.0	125.0	114.0	102.8	91.4	79.9	68.1	56.5
52.5°	180.4	169.2	157.5	145.6	133.7	122.4	110.5	98.4	86.2	73.7	61.4
50°	190.3	179.8	167.5	154.9	142.0	130.0	118.0	105.2	92.2	79.2	66.3
47.5°	198.8	189.1	177.1	163.9	150.4	137.5	125.0	111.7	98.1	84.4	70.9
45°	207.0	197.7	186.1	172.5	158.6	145.1	131.7	118.1	103.8	89.4	75.3
42.5°	214.6	205.4	194.5	180.8	166.4	152.3	138.3	124.0	109.2	94.2	79.4
40°	221.2	212.1	202.5	188.8	173.8	159.1	144.5	129.7	114.4	98.8	83.4
37.5°	227.5	218.2	208.4	196.4	180.8	165.4	150.3	135.2	119.4	103.2	87.1
35°	233.7	224.1	213.6	202.2	187.2	171.4	155.7	140.3	124.0	107.4	90.6
32.5°	239.2	229.3	218.4	206.9	193.2	176.9	160.8	144.8	128.4	111.4	93.8
30°	245.8	233.7	222.8	211.6	198.3	181.9	165.4	149.1	132.4	115.2	96.9
27.5°	252.1	238.0	226.7	215.4	202.3	186.5	169.8	153.0	136.0	118.6	99.9
25°	258.2	242.8	230.3	218.7	206.1	190.8	173.7	156.5	139.3	121.6	102.7
22.5°	265.2	247.3	233.7	221.5	209.8	194.8	177.3	159.7	142.1	124.2	105.2
20°	271.4	251.0	236.8	224.1	212.6	197.8	180.5	162.6	144.7	126.6	107.5
17.5°	277.4	255.1	239.9	226.7	214.6	200.4	183.3	165.2	147.0	128.7	109.5
15°	285.9	259.8	242.6	228.8	216.3	202.6	185.7	167.3	148.9	130.4	111.4
12.5°	293.1	263.8	244.8	230.6	217.8	204.5	187.7	169.1	150.5	131.9	113.0
10°	299.0	267.0	246.5	232.0	218.9	205.9	189.3	170.6	152.0	133.3	114.3
7.5°	303.4	269.4	247.7	233.0	219.6	207.0	190.8	172.0	153.2	134.3	115.4
5°	306.5	270.9	248.7	233.5	220.0	207.7	191.8	172.9	154.0	135.1	116.1
2.5°	308.0	271.6	249.4	233.7	220.1	207.9	192.5	173.5	154.5	135.5	116.6
0°	308.1	271.5	249.7	233.4	219.9	207.7	192.7	173.7	154.7	135.7	116.7
-2.5°	308.0	271.6	249.4	233.7	220.1	207.9	192.5	173.5	154.5	135.5	116.6
-5°	306.5	270.9	248.7	233.5	220.0	207.7	191.8	172.9	154.0	135.1	116.1
-7.5°	303.4	269.4	247.7	233.0	219.6	207.0	190.8	172.0	153.2	134.3	115.4
-10°	299.0	267.0	246.5	232.0	218.9	205.9	189.3	170.6	152.0	133.3	114.3
-12.5°	293.1	263.8	244.8	230.6	217.8	204.5	187.7	169.1	150.5	131.9	113.0
-15°	285.9	259.8	242.6	228.8	216.3	202.6	185.7	167.3	148.9	130.4	111.4
-17.5°	277.4	255.1	239.9	226.7	214.6	200.4	183.3	165.2	147.0	128.7	109.5
-20°	271.4	251.0	236.8	224.1	212.6	197.8	180.5	162.6	144.7	126.6	107.5

Classified

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



REPORT NUMBER: P626727 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA1D-730-U-MWR-XX

CANDELA DISTRIBUTION (continued):

	47.5°	50°	52.5°	55°	57.5°	60°	62.5°	65°	67.5°	70°	72.5°
-22.5°	265.2	247.3	233.7	221.5	209.8	194.8	177.3	159.7	142.1	124.2	105.2
-25°	258.2	242.8	230.3	218.7	206.1	190.8	173.7	156.5	139.3	121.6	102.7
-27.5°	252.1	238.0	226.7	215.4	202.3	186.5	169.8	153.0	136.0	118.6	99.9
-30°	245.8	233.7	222.8	211.6	198.3	181.9	165.4	149.1	132.4	115.2	96.9
-32.5°	239.2	229.3	218.4	206.9	193.2	176.9	160.8	144.8	128.4	111.4	93.8
-35°	233.7	224.1	213.6	202.2	187.2	171.4	155.7	140.3	124.0	107.4	90.6
-37.5°	227.5	218.2	208.4	196.4	180.8	165.4	150.3	135.2	119.4	103.2	87.1
-40°	221.2	212.1	202.5	188.8	173.8	159.1	144.5	129.7	114.4	98.8	83.4
-42.5°	214.6	205.4	194.5	180.8	166.4	152.3	138.3	124.0	109.2	94.2	79.4
-45°	207.0	197.7	186.1	172.5	158.6	145.1	131.7	118.1	103.8	89.4	75.3
-47.5°	198.8	189.1	177.1	163.9	150.4	137.5	125.0	111.7	98.1	84.4	70.9
-50°	190.3	179.8	167.5	154.9	142.0	130.0	118.0	105.2	92.2	79.2	66.3
-52.5°	180.4	169.2	157.5	145.6	133.7	122.4	110.5	98.4	86.2	73.7	61.4
-55°	169.0	158.3	147.2	136.0	125.0	114.0	102.8	91.4	79.9	68.1	56.5
-57.5°	156.8	147.0	136.4	126.0	115.5	105.2	94.9	84.2	73.2	62.2	52.1
-60°	143.8	134.5	125.0	115.1	105.4	96.1	86.8	76.7	66.3	56.2	47.5
-62.5°	129.7	121.3	112.5	103.6	95.1	86.8	78.4	68.8	59.2	50.8	42.8
-65°	115.1	107.4	99.6	92.1	84.6	77.2	69.3	60.6	52.7	45.3	38.0
-67.5°	100.3	93.8	87.1	80.5	74.0	67.2	59.9	53.0	46.2	39.6	33.1
-70°	86.2	80.4	74.8	69.2	63.3	57.2	51.5	45.5	39.6	33.9	28.1
-72.5°	72.4	67.7	62.8	57.9	53.1	48.1	43.1	38.0	33.1	28.1	23.0
-75°	59.0	55.2	51.3	47.3	43.2	39.0	35.0	30.8	26.5	22.3	18.6
-77.5°	46.3	43.2	39.9	37.0	33.9	30.6	27.1	23.5	20.3	17.4	14.3
-80°	34.4	32.3	30.1	27.7	25.1	22.2	19.8	17.4	15.1	12.6	10.0
-82.5°	23.5	22.0	20.4	18.8	17.0	15.2	13.4	11.7	9.8	7.8	6.4
-85°	13.4	12.4	11.3	10.3	9.2	8.1	7.5	6.8	5.9	5.1	4.3
-87.5°	5.5	5.2	4.9	4.6	4.4	4.0	3.7	3.4	3.0	2.5	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

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REPORT NUMBER: P626727 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA1D-730-U-MWR-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°	1.8	1.5	1.2	0.9	0.6	0.3	0.0
85°	3.5	2.9	2.4	1.8	1.2	0.6	0.0
82.5°	5.3	4.4	3.5	2.7	1.8	0.9	0.0
80°	7.3	5.9	4.7	3.5	2.4	1.2	0.0
77.5°	11.0	7.9	5.9	4.4	2.9	1.5	0.0
75°	14.8	11.0	7.3	5.3	3.5	1.8	0.0
72.5°	18.5	14.1	9.7	6.1	4.1	2.0	0.0
70°	22.3	17.2	12.2	7.1	4.6	2.3	0.0
67.5°	26.5	20.2	14.6	9.0	5.2	2.6	0.0
65°	30.7	23.4	17.0	10.7	5.7	2.9	0.0
62.5°	34.7	26.7	19.3	12.5	6.3	3.1	0.0
60°	38.7	30.0	21.6	14.2	6.8	3.4	0.0
57.5°	42.6	33.2	24.1	15.9	7.9	3.7	0.0
55°	46.5	36.2	26.5	17.5	8.9	3.9	0.0
52.5°	50.3	39.2	28.8	19.1	10.0	4.1	0.0
50°	53.9	42.3	31.1	20.6	11.0	4.4	0.0
47.5°	57.6	45.3	33.3	22.1	11.9	4.6	0.0
45°	61.3	48.2	35.3	23.6	12.8	4.8	0.0
42.5°	64.9	50.9	37.3	25.1	13.7	5.0	0.0
40°	68.3	53.6	39.3	26.5	14.5	5.2	0.0
37.5°	71.5	56.2	41.3	27.7	15.2	5.4	0.0
35°	74.5	58.6	43.2	28.9	15.9	5.6	0.0
32.5°	77.3	61.0	45.0	30.0	16.6	5.7	0.0
30°	79.9	63.2	46.7	31.1	17.2	5.9	0.0
27.5°	82.2	65.2	48.2	32.0	17.8	6.0	0.0
25°	84.4	67.0	49.6	32.9	18.3	6.2	0.0
22.5°	86.3	68.6	50.8	33.7	18.7	6.3	0.0
20°	88.0	70.0	51.9	34.4	19.1	6.4	0.0
17.5°	89.6	71.2	52.9	35.0	19.5	6.5	0.0
15°	91.0	72.2	53.7	35.5	19.8	6.6	0.0
12.5°	92.2	73.1	54.4	35.9	20.0	6.6	0.0
10°	93.2	73.8	54.9	36.2	20.2	6.7	0.0
7.5°	94.0	74.2	55.3	36.5	20.3	6.7	0.0
5°	94.5	74.5	55.6	36.6	20.4	6.8	0.0
2.5°	94.9	74.7	55.7	36.6	20.4	6.8	0.0
0°	95.0	74.6	55.6	36.6	20.4	6.8	0.0
-2.5°	94.9	74.7	55.7	36.6	20.4	6.8	0.0
-5°	94.5	74.5	55.6	36.6	20.4	6.8	0.0
-7.5°	94.0	74.2	55.3	36.5	20.3	6.7	0.0
-10°	93.2	73.8	54.9	36.2	20.2	6.7	0.0
-12.5°	92.2	73.1	54.4	35.9	20.0	6.6	0.0
-15°	91.0	72.2	53.7	35.5	19.8	6.6	0.0
-17.5°	89.6	71.2	52.9	35.0	19.5	6.5	0.0
-20°	88.0	70.0	51.9	34.4	19.1	6.4	0.0

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CATALOG NUMBER: GFLD-SA1D-730-U-MWR-XX

CANDELA DISTRIBUTION (continued):

	75°	77.5°	80°	82.5°	85°	87.5°	90°
-22.5°	86.3	68.6	50.8	33.7	18.7	6.3	0.0
-25°	84.4	67.0	49.6	32.9	18.3	6.2	0.0
-27.5°	82.2	65.2	48.2	32.0	17.8	6.0	0.0
-30°	79.9	63.2	46.7	31.1	17.2	5.9	0.0
-32.5°	77.3	61.0	45.0	30.0	16.6	5.7	0.0
-35°	74.5	58.6	43.2	28.9	15.9	5.6	0.0
-37.5°	71.5	56.2	41.3	27.7	15.2	5.4	0.0
-40°	68.3	53.6	39.3	26.5	14.5	5.2	0.0
-42.5°	64.9	50.9	37.3	25.1	13.7	5.0	0.0
-45°	61.3	48.2	35.3	23.6	12.8	4.8	0.0
-47.5°	57.6	45.3	33.3	22.1	11.9	4.6	0.0
-50°	53.9	42.3	31.1	20.6	11.0	4.4	0.0
-52.5°	50.3	39.2	28.8	19.1	10.0	4.1	0.0
-55°	46.5	36.2	26.5	17.5	8.9	3.9	0.0
-57.5°	42.6	33.2	24.1	15.9	7.9	3.7	0.0
-60°	38.7	30.0	21.6	14.2	6.8	3.4	0.0
-62.5°	34.7	26.7	19.3	12.5	6.3	3.1	0.0
-65°	30.7	23.4	17.0	10.7	5.7	2.9	0.0
-67.5°	26.5	20.2	14.6	9.0	5.2	2.6	0.0
-70°	22.3	17.2	12.2	7.1	4.6	2.3	0.0
-72.5°	18.5	14.1	9.7	6.1	4.1	2.0	0.0
-75°	14.8	11.0	7.3	5.3	3.5	1.8	0.0
-77.5°	11.0	7.9	5.9	4.4	2.9	1.5	0.0
-80°	7.3	5.9	4.7	3.5	2.4	1.2	0.0
-82.5°	5.3	4.4	3.5	2.7	1.8	0.9	0.0
-85°	3.5	2.9	2.4	1.8	1.2	0.6	0.0
-87.5°	1.8	1.5	1.2	0.9	0.6	0.3	0.0
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0

(END OF REPORT)