

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: P626908 (CONVERTED FROM TYPE C PHOTOMETRY)

Luminaire Tested: **GFLD-SA2C-730-U-NR-VSR-XX**

Issue Date: 12/7/2022

Test Information

Test Method: LM-79-08
 Report Number: P626908 (CONVERTED FROM TYPE C PHOTOMETRY)
 TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G2-2210-813-12)
 Test Lab: COOPER LIGHTING SOLUTIONS
 Issue Date: 12/7/2022
 Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
 Product Line: MCGRAW-EDISON
 Catalog Number: GFLD-SA2C-730-U-NR-VSR-XX
 Description: GALLEON FLOOD, TWO LIGHT SQAURE, NARROW SYMMETRICAL ROUND N3 WITH VISOR
 Light Source: (32) 3000K CCT, 70 CRI LEDS
 Ballast/Driver: -

Summary

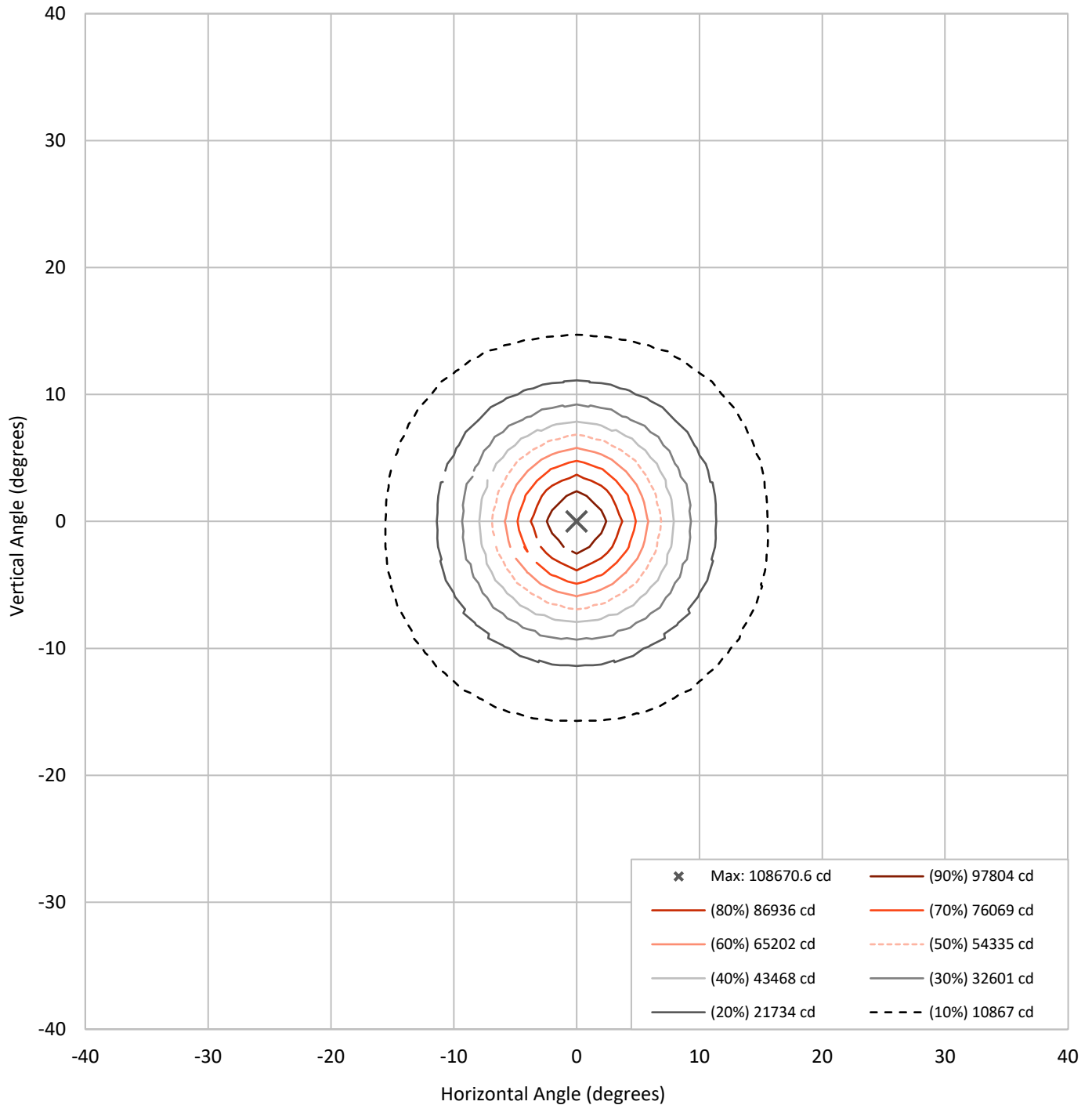
Lumens per Lamp:	N/A	NEMA Type:	3H x 3V
Luminaire Lumens:	10720.5 lumens	Max Intensity:	108670.6 candela
Efficiency:	N/A	Max Intensity Angle:	0°H x 0°V
Efficacy:	129.8 lumens/watt		
Luminous Opening:	Rectangular (W 1' x L: 0.5' x H: 0')		
Beam Angle (50%):	13.6°H x 13.6°V	Field Angle (10%):	30.9°H x 30.2°V
Beam Lumens:	3422.5 lumens	Field Lumens:	7623 lumens
Beam Efficiency:	31.9%	Field Efficiency:	71.1%

Input Watts (W): 82.6
 Input Voltage (V): 120
 Input Current (A_{in}): 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



REPORT NUMBER: P626908 (CONVERTED FROM TYPE C PHOTOMETRY)
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Iso-Candela Plot





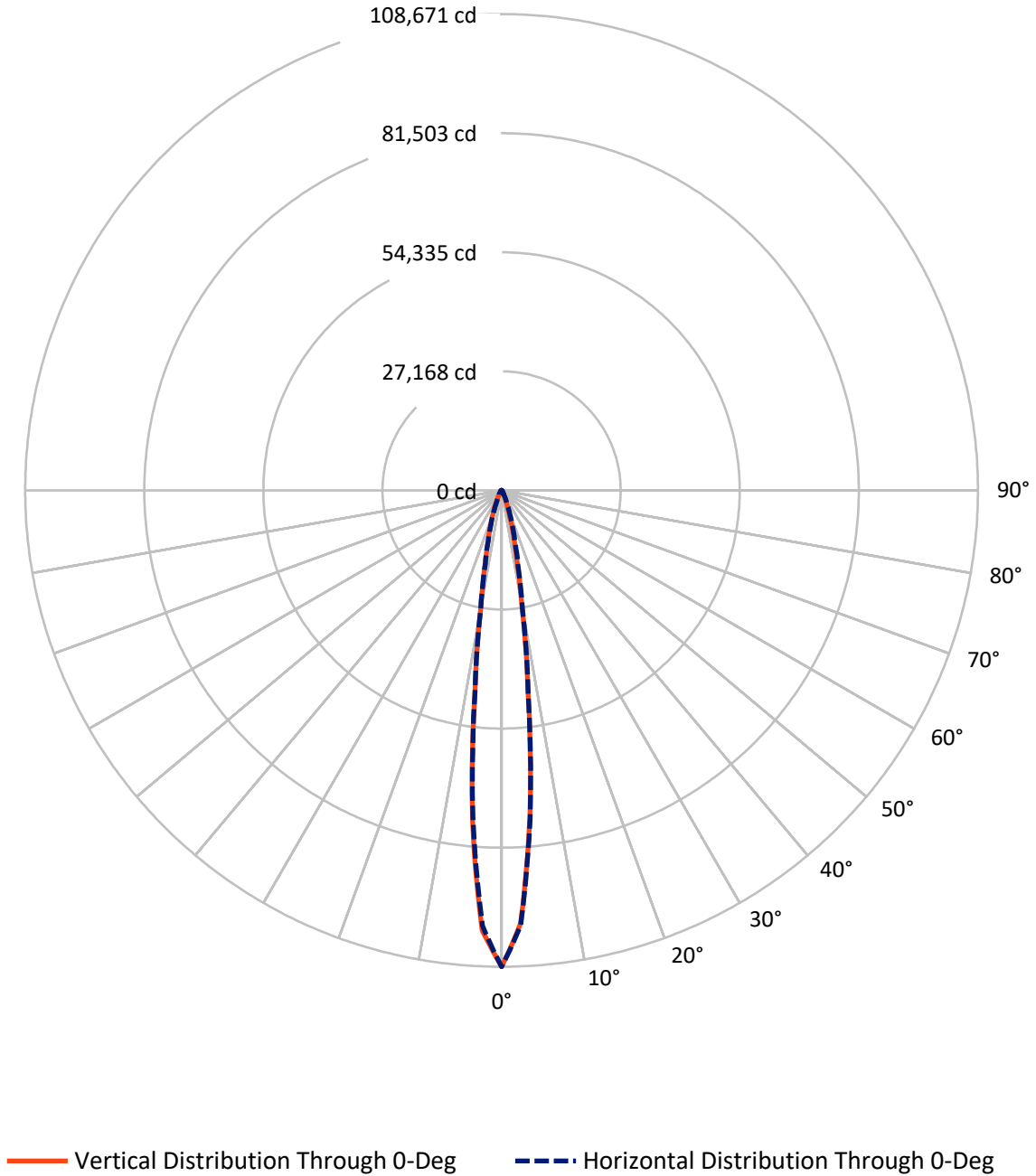
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Lumen Table

90																			
80	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0				
70																			
60	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0				
50		0.0	0.1	0.3	0.6	1.0	1.3	1.5	1.5	1.3	1.0	0.6	0.3	0.1		0.0			
40	0.1	0.1	0.3	0.9	1.7	2.6	3.6	4.3	4.3	3.6	2.6	1.7	0.9	0.3	0.1				
30		0.2	0.8	1.8	3.2	5.1	8.7	11.1	11.1	8.7	5.1	3.2	1.8	0.8		0.2			
20	0.1	0.3	1.2	2.8	5.0	10.9	29.1	48.2	48.2	29.1	10.9	5.0	2.8	1.2	0.1				
10		0.5	1.6	3.8	8.3	32.6	137.4	302.1	302.1	137.4	32.6	8.3	3.8	1.6		0.5			
0	0.2	0.6	2.0	4.5	11.3	61.2	329.3	1476.8	1476.8	329.3	61.2	11.3	4.5	2.0	0.2				
-10		0.7	2.2	4.7	12.1	65.2	340.8	1501.9	1501.9	340.8	65.2	12.1	4.7	2.2		0.7			
-20	0.2	0.7	2.2	4.6	10.6	41.5	165.5	353.9	353.9	165.5	41.5	10.6	4.6	2.2	0.2				
-30		0.7	2.1	4.3	8.2	19.4	51.0	85.0	85.0	51.0	19.4	8.2	4.3	2.1		0.7			
-40	0.2	0.6	1.9	3.8	6.4	10.6	17.3	22.0	22.0	17.3	10.6	6.4	3.8	1.9	0.2				
-50		0.5	1.6	3.1	5.2	7.4	10.0	11.2	11.2	10.0	7.4	5.2	3.1	1.6		0.5			
-60	0.1	0.4	1.2	2.5	4.1	5.7	7.2	7.9	7.9	7.2	5.7	4.1	2.5	1.2	0.1				
-70		0.2	0.7	1.6	2.7	4.0	5.0	5.5	5.5	5.0	4.0	2.7	1.6	0.7		0.2			
-80	0.0	0.6	2.7	5.9	7.5	5.9	2.7	0.6	0.0										
-90																			
	-90	-80	-70	-60	-50	-40	-30	-20	-10	0	10	20	30	40	50	60	70	80	90

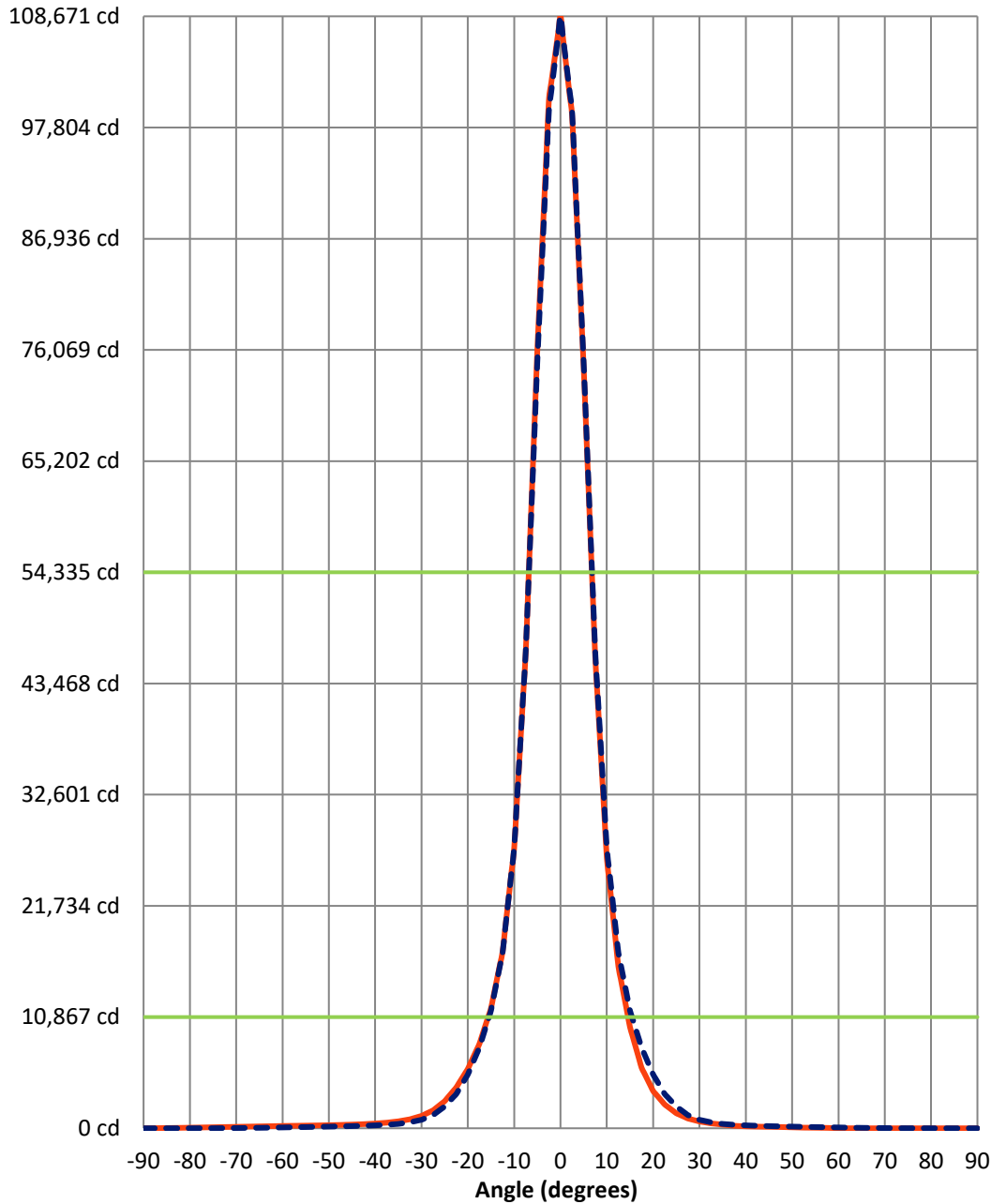
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Luminous Intensity Polar Plot



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Luminous Intensity Plot



Beam:
 H Angle: 13.6°
 V Angle: 13.6°
 Lumens: 3422.5
 Efficiency: 31.9%

Field:
 H Angle: 30.9°
 V Angle: 30.2°
 Lumens: 7623
 Efficiency: 71.1%

Spill:
 Lumens: 3097.5
 Efficiency: 28.9%

— Vertical Distribution through 0-Deg
 - - Horizontal Distribution through 0-Deg

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FIELD
BEAM

CANDELA DISTRIBUTION:

	-90°	-87.5°	-85°	-82.5°	-80°	-77.5°	-75°	-72.5°	-70°	-67.5°	-65°
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
87.5°	0.0	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
85°	0.0	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
82.5°	0.0	0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
80°	0.0	0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
77.5°	0.0	0.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
75°	0.0	0.3	0.0	0.0	0.0	0.2	0.1	0.0	0.0	0.2	0.1
72.5°	0.0	0.4	0.1	0.0	0.2	0.3	0.1	0.1	0.5	0.5	0.2
70°	0.0	0.4	0.1	0.0	0.5	0.5	0.3	0.7	1.0	0.9	0.3
67.5°	0.0	0.5	0.1	0.3	0.7	0.7	0.8	1.3	1.5	0.9	0.4
65°	0.0	0.5	0.2	0.5	0.9	1.0	1.3	1.9	1.6	1.0	0.7
62.5°	0.0	0.6	0.2	0.7	1.2	1.3	1.8	2.2	1.6	1.2	1.4
60°	0.0	0.7	0.3	1.0	1.4	1.6	2.3	2.2	1.7	1.7	2.1
57.5°	0.0	0.7	0.5	1.2	1.6	1.9	2.3	2.3	1.9	2.1	2.3
55°	0.0	0.8	0.7	1.5	1.8	2.1	2.3	2.3	2.1	2.3	2.3
52.5°	0.0	0.8	0.9	1.7	1.9	2.3	2.3	2.3	2.3	2.3	2.3
50°	0.0	0.9	1.0	2.0	2.0	2.3	2.3	2.3	2.3	2.3	2.7
47.5°	0.0	1.0	1.2	2.2	2.1	2.3	2.3	2.3	2.3	2.3	3.2
45°	0.0	1.1	1.3	2.2	2.2	2.3	2.3	2.3	2.4	2.9	3.8
42.5°	0.0	1.1	1.5	2.3	2.3	2.3	2.3	2.4	2.5	3.5	5.1
40°	0.0	1.2	1.6	2.3	2.3	2.3	2.3	2.6	2.9	4.2	6.6
37.5°	0.0	1.3	1.7	2.3	2.3	2.3	2.3	2.8	3.7	5.3	8.1
35°	0.0	1.3	1.8	2.3	2.3	2.3	2.3	3.1	4.6	6.8	9.9
32.5°	0.0	1.4	1.9	2.3	2.3	2.3	2.4	3.4	5.5	8.2	12.3
30°	0.0	1.5	2.0	2.3	2.3	2.3	2.6	3.8	6.4	9.5	14.9
27.5°	0.0	1.6	2.1	2.3	2.3	2.3	2.9	4.6	7.4	10.8	17.7
25°	0.0	1.6	2.1	2.3	2.3	2.3	3.1	5.3	8.5	12.8	20.6
22.5°	0.0	1.7	2.2	2.3	2.3	2.3	3.4	6.1	9.5	15.1	24.2
20°	0.0	1.8	2.2	2.3	2.3	2.5	3.7	6.8	10.5	17.4	27.4
17.5°	0.0	1.9	2.2	2.3	2.3	2.7	4.1	7.5	11.5	19.8	30.4
15°	0.0	1.9	2.3	2.3	2.3	3.0	4.6	8.2	12.3	22.1	33.0
12.5°	0.0	2.0	2.3	2.3	2.3	3.2	5.0	8.9	13.5	24.4	35.4
10°	0.0	2.1	2.3	2.3	2.3	3.5	5.5	9.6	15.0	26.5	37.6
7.5°	0.0	2.1	2.3	2.3	2.3	3.8	5.9	10.1	16.5	28.3	39.4
5°	0.0	2.2	2.3	2.3	2.3	4.1	6.2	10.6	18.0	29.8	41.1
2.5°	0.0	2.2	2.3	2.3	2.3	4.3	6.6	11.1	19.4	31.1	42.5
0°	0.0	2.3	2.3	2.3	2.3	4.6	6.9	11.5	20.7	32.2	43.7
-2.5°	0.0	2.3	2.3	2.3	2.5	4.8	7.5	12.2	21.9	33.1	45.2
-5°	0.0	2.3	2.3	2.3	2.7	5.1	8.1	12.8	22.9	33.7	46.4
-7.5°	0.0	2.3	2.3	2.3	2.9	5.3	8.6	13.4	23.7	34.2	47.3
-10°	0.0	2.3	2.3	2.3	3.1	5.4	9.0	13.9	24.3	34.6	47.9
-12.5°	0.0	2.2	2.3	2.3	3.2	5.6	9.4	14.3	24.7	34.9	48.8
-15°	0.0	2.2	2.3	2.3	3.3	5.7	9.7	14.7	24.8	35.6	49.6
-17.5°	0.0	2.2	2.3	2.3	3.4	5.8	9.9	15.0	24.6	36.0	50.0
-20°	0.0	2.2	2.3	2.3	3.5	5.9	10.0	15.3	24.2	36.0	49.9

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Scaled Data Report



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CATALOG NUMBER: GFLD-SA2C-730-U-NR-VSR-XX

CANDELA DISTRIBUTION (continued):

	-90°	-87.5°	-85°	-82.5°	-80°	-77.5°	-75°	-72.5°	-70°	-67.5°	-65°
-22.5°	0.0	2.1	2.3	2.3	3.5	5.9	10.1	15.5	23.7	35.6	49.3
-25°	0.0	2.1	2.3	2.3	3.5	6.1	10.2	15.6	23.0	34.7	48.3
-27.5°	0.0	2.0	2.3	2.3	3.5	6.2	10.2	15.5	22.1	33.6	47.2
-30°	0.0	2.0	2.3	2.3	3.4	6.4	10.2	15.4	21.6	32.3	45.6
-32.5°	0.0	1.9	2.3	2.3	3.4	6.4	10.0	15.2	21.3	30.9	43.5
-35°	0.0	1.9	2.3	2.3	3.3	6.4	10.0	15.0	20.9	29.3	40.7
-37.5°	0.0	1.8	2.3	2.3	3.2	6.3	10.0	14.7	20.3	27.4	39.1
-40°	0.0	1.8	2.3	2.3	3.1	6.2	9.8	14.3	19.5	26.2	37.7
-42.5°	0.0	1.7	2.3	2.3	3.1	6.0	9.6	13.9	18.9	25.7	35.9
-45°	0.0	1.6	2.3	2.4	3.2	5.8	9.3	13.5	18.3	24.9	33.9
-47.5°	0.0	1.6	2.3	2.4	3.2	5.5	9.0	13.0	17.7	23.9	32.6
-50°	0.0	1.5	2.3	2.5	3.3	5.1	8.5	12.5	17.0	22.9	31.0
-52.5°	0.0	1.4	2.3	2.5	3.3	4.7	8.0	11.8	16.2	21.7	28.9
-55°	0.0	1.3	2.3	2.5	3.3	4.6	7.4	11.0	15.2	20.1	26.8
-57.5°	0.0	1.2	2.3	2.5	3.2	4.4	6.7	10.1	14.1	18.6	24.3
-60°	0.0	1.1	2.3	2.5	3.1	4.3	6.0	9.2	12.9	17.1	21.8
-62.5°	0.0	1.1	2.1	2.4	3.1	4.1	5.7	8.1	11.6	15.5	19.8
-65°	0.0	1.0	1.9	2.4	2.9	3.9	5.3	7.1	10.1	13.7	17.7
-67.5°	0.0	0.9	1.8	2.4	2.8	3.7	4.9	6.5	8.6	11.8	15.4
-70°	0.0	0.8	1.6	2.3	2.7	3.4	4.5	5.9	7.7	9.8	13.0
-72.5°	0.0	0.7	1.4	2.1	2.5	3.1	4.0	5.2	6.7	8.6	10.7
-75°	0.0	0.6	1.2	1.8	2.3	2.8	3.5	4.6	5.7	7.2	9.0
-77.5°	0.0	0.5	1.0	1.5	2.0	2.4	2.9	3.9	5.0	6.0	7.2
-80°	0.0	0.4	0.8	1.2	1.6	2.0	2.4	3.3	4.2	5.2	6.1
-82.5°	0.0	0.3	0.6	0.9	1.2	1.5	1.8	2.6	3.5	4.3	5.2
-85°	0.0	0.2	0.4	0.6	0.8	1.0	1.2	1.7	2.3	3.1	3.9
-87.5°	0.0	0.1	0.2	0.3	0.4	0.5	0.6	0.9	1.2	1.5	1.9
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



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CATALOG NUMBER: GFLD-SA2C-730-U-NR-VSR-XX

CANDELA DISTRIBUTION (continued):

	-62.5°	-60°	-57.5°	-55°	-52.5°	-50°	-47.5°	-45°	-42.5°	-40°	-37.5°
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
87.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
85°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
82.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
80°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
77.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
75°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
72.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
70°	0.0	0.0	0.2	0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0
67.5°	0.2	0.7	0.8	0.5	0.0	0.0	0.0	0.1	0.0	0.0	0.0
65°	1.1	1.5	1.1	0.6	0.0	0.5	0.8	0.6	0.1	0.0	0.0
62.5°	2.1	1.8	1.3	1.0	1.3	1.7	1.4	0.8	0.2	1.1	1.6
60°	2.3	1.9	1.6	1.8	2.3	2.1	1.5	2.2	3.4	4.2	5.1
57.5°	2.3	2.1	2.1	2.5	2.6	2.6	4.0	5.4	7.6	9.5	10.8
55°	2.4	2.3	2.6	3.1	3.9	5.5	7.5	10.6	13.1	16.8	20.1
52.5°	2.6	2.6	3.5	4.7	7.0	9.5	13.1	17.4	22.3	26.0	29.9
50°	3.0	3.8	4.9	7.9	11.0	15.0	20.8	27.2	31.3	35.5	41.1
47.5°	4.1	5.2	8.1	11.5	16.0	22.4	30.4	35.0	39.1	45.6	52.6
45°	5.5	7.8	11.4	16.1	22.3	31.2	37.5	41.3	48.4	55.9	63.9
42.5°	7.0	10.8	15.6	20.7	30.3	38.8	44.6	50.5	57.6	66.5	75.1
40°	9.6	13.7	20.3	28.2	38.0	46.3	53.5	60.3	67.3	78.9	88.1
37.5°	12.1	18.2	25.6	35.4	45.6	54.7	62.7	71.3	81.3	94.3	102.6
35°	14.6	22.8	31.9	42.3	53.2	63.4	73.1	83.1	96.1	108.4	118.3
32.5°	18.1	27.5	37.8	49.0	60.2	71.8	83.5	95.5	108.3	120.9	133.8
30°	22.4	32.6	43.3	55.4	66.7	80.1	93.7	106.3	119.2	132.5	147.1
27.5°	26.8	37.3	48.9	61.2	73.0	88.2	102.9	116.1	129.3	143.6	160.3
25°	30.9	42.1	54.2	66.2	80.1	96.5	112.5	127.8	139.0	155.3	174.8
22.5°	34.8	46.7	59.8	70.8	87.0	104.8	123.5	139.9	153.2	167.8	189.9
20°	38.7	51.5	64.9	77.4	94.0	113.1	135.3	152.2	168.7	187.4	210.0
17.5°	42.4	55.9	70.1	84.8	102.3	122.1	147.3	164.6	184.3	206.7	235.1
15°	45.9	60.1	75.2	91.8	109.9	131.2	155.5	177.0	200.6	226.5	260.1
12.5°	49.1	63.8	80.3	98.2	116.5	139.0	162.3	185.2	212.4	246.2	288.5
10°	52.1	67.2	85.2	104.1	122.3	145.6	168.4	192.2	220.8	258.0	306.4
7.5°	54.6	70.7	89.9	109.5	127.3	151.0	173.6	198.0	227.9	267.8	318.5
5°	56.7	74.3	94.2	112.9	131.5	155.7	178.0	202.5	233.5	275.4	327.1
2.5°	58.4	77.6	98.0	115.4	135.0	159.9	181.5	207.6	239.3	281.4	335.2
0°	59.8	80.5	101.2	117.3	138.0	163.3	184.0	211.6	243.8	285.2	342.7
-2.5°	62.6	82.9	103.1	119.5	141.2	163.9	185.7	212.2	245.5	288.2	344.1
-5°	64.9	84.8	104.5	121.1	143.5	163.8	186.4	211.7	246.1	289.9	346.6
-7.5°	66.7	86.3	105.5	122.4	144.8	164.5	187.4	213.3	247.9	291.5	349.9
-10°	67.9	87.4	106.2	124.1	145.1	165.3	187.8	213.7	247.6	290.5	348.1
-12.5°	68.5	88.0	106.6	125.0	145.1	165.3	187.3	212.7	245.1	286.8	341.0
-15°	68.7	88.2	106.5	125.1	144.7	164.3	185.8	210.3	240.5	280.7	329.8
-17.5°	68.5	88.1	106.1	124.3	144.2	162.4	183.5	207.0	235.9	273.4	320.7
-20°	67.9	87.6	105.3	122.6	143.4	160.6	181.2	203.9	231.1	265.1	307.4

Classified

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

Scaled Data Report



REPORT NUMBER: P626908 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA2C-730-U-NR-VSR-XX

CANDELA DISTRIBUTION (continued):

	-62.5°	-60°	-57.5°	-55°	-52.5°	-50°	-47.5°	-45°	-42.5°	-40°	-37.5°
-22.5°	67.0	86.8	104.1	121.0	140.9	159.0	178.2	199.9	224.2	255.0	292.6
-25°	65.8	85.2	102.7	119.7	138.0	156.5	174.5	195.1	217.4	247.0	280.8
-27.5°	64.4	83.2	100.7	117.9	134.9	153.1	170.7	190.1	212.3	238.3	268.6
-30°	62.2	80.4	97.9	115.4	132.2	149.3	166.3	184.8	205.7	230.3	258.2
-32.5°	59.6	77.3	94.4	111.7	129.2	145.5	161.5	179.3	198.9	220.4	247.0
-35°	56.8	73.9	90.6	107.1	125.5	141.3	156.7	173.0	191.2	211.3	232.9
-37.5°	54.3	70.3	86.6	102.2	119.6	136.0	151.0	166.5	183.3	201.7	221.4
-40°	51.5	66.4	82.3	97.5	112.8	129.6	144.5	159.5	175.0	193.5	211.0
-42.5°	48.7	63.2	77.9	92.8	107.3	122.3	137.2	151.6	168.0	185.5	202.6
-45°	46.3	59.7	73.4	87.9	102.3	115.8	129.8	143.2	159.9	177.3	194.1
-47.5°	43.5	56.3	69.5	82.6	96.7	110.3	122.8	136.4	150.6	167.0	184.6
-50°	40.6	52.7	64.9	77.3	90.6	104.2	116.9	129.5	142.8	156.4	171.6
-52.5°	38.2	48.7	60.0	71.4	84.0	97.3	110.1	122.7	135.0	147.7	160.7
-55°	35.3	44.9	54.9	65.5	76.6	89.3	102.1	114.3	126.9	138.8	151.5
-57.5°	32.0	40.7	49.8	59.7	69.8	80.2	92.6	104.8	116.6	128.6	141.7
-60°	28.4	36.1	44.4	53.5	63.4	72.9	82.9	94.2	105.6	117.0	129.1
-62.5°	24.6	31.3	38.8	46.8	55.8	65.1	74.3	83.9	94.2	104.1	114.6
-65°	22.1	26.8	33.1	40.2	47.6	56.0	64.6	73.5	82.5	91.0	99.0
-67.5°	19.4	23.7	28.3	33.5	40.2	47.3	54.2	62.2	70.3	78.0	85.6
-70°	16.5	20.3	24.4	28.8	33.6	39.3	45.8	52.2	58.4	64.9	71.9
-72.5°	13.5	16.8	20.4	24.2	28.3	32.8	37.8	43.3	48.8	54.2	59.6
-75°	11.1	13.3	16.2	19.4	22.9	26.5	30.1	34.4	39.1	43.8	48.4
-77.5°	9.1	11.2	13.2	15.1	17.6	20.9	24.1	27.3	30.6	34.1	37.9
-80°	7.4	9.0	10.8	12.6	14.4	16.3	18.6	21.1	23.4	25.8	28.3
-82.5°	6.2	7.4	8.7	10.1	11.1	12.2	13.4	14.8	16.3	17.9	19.6
-85°	4.8	5.7	6.6	7.5	8.0	8.5	9.1	9.7	10.7	11.7	12.6
-87.5°	2.4	2.9	3.4	4.0	4.2	4.4	4.7	4.9	5.5	6.2	6.8
-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: P626908 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA2C-730-U-NR-VSR-XX

CANDELA DISTRIBUTION (continued):

	-35°	-32.5°	-30°	-27.5°	-25°	-22.5°	-20°	-17.5°	-15°	-12.5°	-10°
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
87.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
85°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
82.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
80°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
77.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
75°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
72.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
70°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
67.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
65°	0.1	0.0	0.0	0.0	0.0	0.4	0.6	0.5	0.2	0.0	0.0
62.5°	1.3	1.1	1.8	2.4	2.6	2.5	2.3	2.1	1.8	1.7	1.9
60°	5.5	5.4	7.5	8.6	7.8	5.5	8.7	10.2	9.8	8.4	8.4
57.5°	13.5	16.4	18.5	19.4	22.5	27.4	28.3	26.7	26.1	26.7	30.8
55°	23.4	25.7	27.0	31.1	34.8	37.5	39.1	40.7	43.0	45.9	48.9
52.5°	33.1	36.3	38.8	42.5	46.9	48.5	48.1	53.8	58.2	61.0	62.2
50°	45.4	49.4	55.2	61.0	63.6	66.0	68.7	73.3	80.1	88.6	93.5
47.5°	58.7	65.1	71.1	77.8	81.1	83.8	87.7	95.8	105.5	114.6	119.4
45°	70.7	76.4	83.2	89.0	93.2	98.3	103.9	111.3	122.1	131.7	138.2
42.5°	80.4	86.7	93.8	100.8	105.0	111.9	120.4	130.4	141.8	151.7	159.0
40°	93.9	99.2	110.5	117.1	118.8	125.2	142.4	156.1	168.9	181.1	187.2
37.5°	110.2	120.6	132.3	138.4	144.3	155.6	178.6	200.7	217.1	233.6	242.6
35°	128.7	142.5	158.4	165.5	178.2	202.8	229.9	260.6	298.8	314.9	329.4
32.5°	146.7	162.1	176.8	192.8	215.0	244.4	274.9	324.7	371.2	407.2	433.6
30°	162.6	179.0	197.2	217.8	249.1	289.6	340.6	405.0	470.6	527.8	576.3
27.5°	178.4	197.0	218.7	249.3	293.4	348.5	429.8	521.7	631.2	711.9	808.2
25°	195.7	217.0	244.8	289.3	348.7	431.1	561.0	710.4	889.9	1035.4	1187.7
22.5°	216.2	247.6	282.9	332.4	436.3	572.0	749.5	1004.7	1280.8	1536.1	1782.0
20°	240.9	283.9	340.5	431.7	565.1	765.8	1074.1	1481.4	1887.5	2319.9	2736.3
17.5°	276.2	338.1	426.0	555.9	731.7	1128.6	1628.9	2258.9	3068.3	3801.8	4442.2
15°	309.3	383.3	522.1	716.3	1022.9	1548.9	2308.8	3348.6	4610.1	5759.7	6973.9
12.5°	344.1	431.4	590.9	838.1	1264.1	1948.9	3016.8	4441.6	6021.1	7753.7	9727.2
10°	371.6	477.6	668.6	982.0	1507.1	2359.9	3631.9	5359.9	7458.8	10023.0	13177.8
7.5°	390.2	514.7	732.8	1087.4	1730.9	2780.2	4311.5	6388.5	9012.5	12409.5	16823.8
5°	404.7	542.9	781.1	1183.5	1920.2	3101.1	4815.0	7289.2	10393.3	14944.6	22425.8
2.5°	416.4	564.6	810.9	1249.6	2039.0	3324.5	5152.9	7798.7	11215.2	16818.9	26524.7
0°	425.5	584.3	830.4	1290.4	2130.0	3346.8	5258.3	7892.0	11510.2	17157.2	27406.9
-2.5°	429.4	594.8	837.1	1299.3	2120.9	3385.2	5290.5	7966.5	11499.1	16971.8	26421.7
-5°	435.8	594.6	832.0	1290.2	2073.3	3286.0	5080.3	7549.6	10805.3	15512.1	23254.2
-7.5°	440.5	585.1	808.0	1231.8	1948.8	3071.6	4711.1	6859.0	9542.7	13116.5	17911.4
-10°	436.2	566.9	767.8	1133.7	1755.3	2727.7	4149.7	5947.3	8177.7	10826.2	14083.9
-12.5°	419.8	533.3	702.3	996.3	1504.7	2342.4	3584.9	5115.4	6766.3	8626.3	10877.5
-15°	399.1	497.0	643.2	902.1	1318.9	1960.6	2867.7	4109.3	5433.6	6845.8	8351.8
-17.5°	382.9	465.2	586.2	773.7	1080.3	1590.5	2303.4	3185.4	4158.6	5233.7	6126.1
-20°	361.0	426.1	527.6	680.8	914.7	1252.7	1771.9	2412.7	3054.9	3810.8	4427.3

Classified

Cooper Lighting Solutions Photometric Lab
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Scaled Data Report



REPORT NUMBER: P626908 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA2C-730-U-NR-VSR-XX

CANDELA DISTRIBUTION (continued):

	-35°	-32.5°	-30°	-27.5°	-25°	-22.5°	-20°	-17.5°	-15°	-12.5°	-10°
-22.5°	339.1	395.8	473.1	585.1	759.2	1014.6	1335.3	1763.2	2232.8	2666.7	3093.8
-25°	318.8	362.4	424.9	516.8	634.9	809.2	1037.5	1283.0	1592.5	1856.7	2149.8
-27.5°	302.3	339.8	385.9	453.3	544.9	657.1	820.5	985.0	1147.8	1281.1	1482.9
-30°	286.4	316.6	355.2	403.2	471.9	558.3	664.4	771.1	865.1	950.8	1055.8
-32.5°	270.8	295.3	324.9	364.8	414.1	479.0	544.2	620.7	686.1	746.3	802.1
-35°	255.1	277.0	299.5	333.2	372.4	418.6	466.0	517.8	563.0	603.6	639.5
-37.5°	241.0	260.2	281.4	306.4	338.1	372.8	411.5	449.2	479.0	505.4	527.1
-40°	229.1	246.5	264.7	284.7	308.8	336.2	369.1	400.5	421.4	437.5	450.7
-42.5°	218.4	233.8	249.3	266.3	284.8	308.5	334.5	360.3	374.5	387.0	396.5
-45°	209.9	221.7	234.7	249.2	265.6	285.5	305.9	323.8	336.4	347.1	355.1
-47.5°	198.6	209.9	221.2	233.2	248.5	265.0	281.9	295.7	306.7	316.0	322.1
-50°	186.1	198.1	208.4	219.0	233.0	247.0	260.6	272.0	282.5	291.7	296.4
-52.5°	173.3	186.1	196.9	207.2	219.0	231.2	243.5	253.2	262.4	271.0	274.7
-55°	164.0	175.8	187.0	196.7	206.4	216.2	226.2	236.3	245.4	253.6	256.0
-57.5°	154.0	166.0	177.1	185.7	194.5	203.4	212.5	221.6	230.4	238.3	240.2
-60°	141.7	154.8	164.6	172.8	181.3	190.1	198.0	206.2	214.3	221.2	223.4
-62.5°	126.2	138.1	147.8	156.4	164.7	172.2	180.0	187.6	194.9	200.4	202.1
-65°	107.6	117.7	127.7	136.7	144.8	152.2	159.3	166.2	172.9	177.7	180.0
-67.5°	92.9	100.1	108.2	116.0	124.1	131.7	138.1	144.2	149.9	154.0	156.5
-70°	78.7	85.6	93.2	100.6	107.7	113.8	118.9	124.0	128.8	132.4	135.1
-72.5°	65.1	71.0	77.3	83.8	90.3	95.9	100.6	105.1	109.3	112.3	114.8
-75°	52.9	57.7	63.0	68.3	73.6	78.0	81.9	85.8	89.5	92.2	94.5
-77.5°	42.0	46.1	50.2	54.4	58.5	61.7	64.6	67.4	70.2	72.3	74.3
-80°	31.1	34.3	37.6	40.9	44.2	46.7	48.8	50.9	52.9	54.1	55.3
-82.5°	21.3	23.5	25.8	28.1	30.5	32.3	34.0	35.7	37.4	38.0	38.4
-85°	13.6	14.7	15.9	17.2	18.5	19.5	20.4	21.3	22.2	23.0	23.8
-87.5°	7.5	7.8	8.0	8.2	8.3	9.0	9.7	10.4	11.1	11.2	11.3
-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: P626908 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA2C-730-U-NR-VSR-XX

CANDELA DISTRIBUTION (continued):

	-7.5°	-5°	-2.5°	0°	2.5°	5°	7.5°	10°	12.5°	15°	17.5°
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
87.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
85°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
82.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
80°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
77.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
75°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
72.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
70°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
67.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
65°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.2	0.5
62.5°	2.1	2.2	2.3	2.3	2.3	2.2	2.1	1.9	1.7	1.8	2.1
60°	7.9	7.0	6.8	6.9	6.8	7.0	7.9	8.4	8.4	9.8	10.2
57.5°	35.0	38.9	40.0	39.1	40.0	38.9	35.0	30.8	26.7	26.1	26.7
55°	50.9	52.2	52.7	52.9	52.7	52.2	50.9	48.9	45.9	43.0	40.7
52.5°	62.4	62.0	61.9	62.1	61.9	62.0	62.4	62.2	61.0	58.2	53.8
50°	93.8	92.1	91.5	92.0	91.5	92.1	93.8	93.5	88.6	80.1	73.3
47.5°	120.0	120.5	121.3	121.9	121.3	120.5	120.0	119.4	114.6	105.5	95.8
45°	140.1	141.3	142.1	142.6	142.1	141.3	140.1	138.2	131.7	122.1	111.3
42.5°	160.7	160.8	160.6	161.0	160.6	160.8	160.7	159.0	151.7	141.8	130.4
40°	189.7	190.3	189.6	188.6	189.6	190.3	189.7	187.2	181.1	168.9	156.1
37.5°	247.9	248.7	246.0	243.8	246.0	248.7	247.9	242.6	233.6	217.1	200.7
35°	342.8	352.6	357.3	358.8	357.3	352.6	342.8	329.4	314.9	298.8	260.6
32.5°	451.8	465.4	472.3	478.4	472.3	465.4	451.8	433.6	407.2	371.2	324.7
30°	608.0	633.3	644.4	660.2	644.4	633.3	608.0	576.3	527.8	470.6	405.0
27.5°	862.9	907.2	931.8	954.6	931.8	907.2	862.9	808.2	711.9	631.2	521.7
25°	1298.4	1383.8	1439.1	1465.2	1439.1	1383.8	1298.4	1187.7	1035.4	889.9	710.4
22.5°	2019.8	2177.4	2298.9	2323.2	2298.9	2177.4	2019.8	1782.0	1536.1	1280.8	1004.7
20°	3140.2	3365.5	3548.9	3641.2	3548.9	3365.5	3140.2	2736.3	2319.9	1887.5	1481.4
17.5°	5204.9	5673.7	5887.8	5923.0	5887.8	5673.7	5204.9	4442.2	3801.8	3068.3	2258.9
15°	8276.7	9070.0	9573.5	9897.8	9573.5	9070.0	8276.7	6973.9	5759.7	4610.1	3348.6
12.5°	11781.5	14035.5	15318.0	15807.0	15318.0	14035.5	11781.5	9727.2	7753.7	6021.1	4441.6
10°	16538.4	21844.4	24905.2	26445.4	24905.2	21844.4	16538.4	13177.8	10023.0	7458.8	5359.9
7.5°	24611.8	32807.1	41887.1	46087.9	41887.1	32807.1	24611.8	16823.8	12409.5	9012.5	6388.5
5°	33098.9	51092.5	66885.5	74448.2	66885.5	51092.5	33098.9	22425.8	14944.6	10393.3	7289.2
2.5°	42853.6	67119.5	89555.3	98989.0	89555.3	67119.5	42853.6	26524.7	16818.9	11215.2	7798.7
0°	46607.8	74873.7	99411.1	108670.6	99411.1	74873.7	46607.8	27406.9	17157.2	11510.2	7892.0
-2.5°	43433.9	68295.1	89940.7	100521.0	89940.7	68295.1	43433.9	26421.7	16971.8	11499.1	7966.5
-5°	34510.5	51374.1	67404.8	76026.1	67404.8	51374.1	34510.5	23254.2	15512.1	10805.3	7549.6
-7.5°	25328.6	34508.9	43411.8	46525.0	43411.8	34508.9	25328.6	17911.4	13116.5	9542.7	6859.0
-10°	17634.2	22891.2	26361.4	27351.7	26361.4	22891.2	17634.2	14083.9	10826.2	8177.7	5947.3
-12.5°	13074.0	15373.4	16973.3	17251.5	16973.3	15373.4	13074.0	10877.5	8626.3	6766.3	5115.4
-15°	9681.0	10850.3	11675.4	11731.0	11675.4	10850.3	9681.0	8351.8	6845.8	5433.6	4109.3
-17.5°	7076.8	7861.7	8278.1	8248.5	8278.1	7861.7	7076.8	6126.1	5233.7	4158.6	3185.4
-20°	5060.4	5533.5	5869.0	5803.4	5869.0	5533.5	5060.4	4427.3	3810.8	3054.9	2412.7



REPORT NUMBER: P626908 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA2C-730-U-NR-VSR-XX

CANDELA DISTRIBUTION (continued):

	-7.5°	-5°	-2.5°	0°	2.5°	5°	7.5°	10°	12.5°	15°	17.5°
-22.5°	3528.4	3842.5	4039.2	3988.5	4039.2	3842.5	3528.4	3093.8	2666.7	2232.8	1763.2
-25°	2397.5	2568.6	2666.0	2649.8	2666.0	2568.6	2397.5	2149.8	1856.7	1592.5	1283.0
-27.5°	1633.8	1724.2	1754.4	1752.8	1754.4	1724.2	1633.8	1482.9	1281.1	1147.8	985.0
-30°	1134.0	1194.7	1229.5	1207.6	1229.5	1194.7	1134.0	1055.8	950.8	865.1	771.1
-32.5°	845.2	879.5	899.3	878.7	899.3	879.5	845.2	802.1	746.3	686.1	620.7
-35°	666.1	683.4	690.4	678.6	690.4	683.4	666.1	639.5	603.6	563.0	517.8
-37.5°	543.0	553.1	556.6	549.7	556.6	553.1	543.0	527.1	505.4	479.0	449.2
-40°	460.1	466.3	467.9	462.3	467.9	466.3	460.1	450.7	437.5	421.4	400.5
-42.5°	402.6	406.3	407.2	404.8	407.2	406.3	402.6	396.5	387.0	374.5	360.3
-45°	359.8	363.0	363.6	361.1	363.6	363.0	359.8	355.1	347.1	336.4	323.8
-47.5°	325.1	327.1	327.6	326.6	327.6	327.1	325.1	322.1	316.0	306.7	295.7
-50°	298.6	300.0	300.1	299.0	300.1	300.0	298.6	296.4	291.7	282.5	272.0
-52.5°	276.4	277.3	278.0	278.3	278.0	277.3	276.4	274.7	271.0	262.4	253.2
-55°	257.7	258.9	259.7	259.9	259.7	258.9	257.7	256.0	253.6	245.4	236.3
-57.5°	241.8	242.9	243.6	243.8	243.6	242.9	241.8	240.2	238.3	230.4	221.6
-60°	225.2	226.6	227.4	227.7	227.4	226.6	225.2	223.4	221.2	214.3	206.2
-62.5°	203.3	203.9	204.5	204.7	204.5	203.9	203.3	202.1	200.4	194.9	187.6
-65°	181.8	183.1	183.8	184.0	183.8	183.1	181.8	180.0	177.7	172.9	166.2
-67.5°	158.5	160.2	161.9	163.3	161.9	160.2	158.5	156.5	154.0	149.9	144.2
-70°	137.5	139.5	140.1	140.3	140.1	139.5	137.5	135.1	132.4	128.8	124.0
-72.5°	117.0	118.9	120.5	121.9	120.5	118.9	117.0	114.8	112.3	109.3	105.1
-75°	96.5	98.3	98.8	98.9	98.8	98.3	96.5	94.5	92.2	89.5	85.8
-77.5°	76.1	77.7	78.1	78.2	78.1	77.7	76.1	74.3	72.3	70.2	67.4
-80°	56.3	57.2	58.6	59.8	58.6	57.2	56.3	55.3	54.1	52.9	50.9
-82.5°	38.7	38.9	39.1	39.1	39.1	38.9	38.7	38.4	38.0	37.4	35.7
-85°	24.5	25.2	25.3	25.3	25.3	25.2	24.5	23.8	23.0	22.2	21.3
-87.5°	11.4	11.5	11.5	11.5	11.5	11.5	11.4	11.3	11.2	11.1	10.4
-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: P626908 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA2C-730-U-NR-VSR-XX

CANDELA DISTRIBUTION (continued):

	20°	22.5°	25°	27.5°	30°	32.5°	35°	37.5°	40°	42.5°	45°
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
87.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
85°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
82.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
80°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
77.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
75°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
72.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
70°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
67.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1
65°	0.6	0.4	0.0	0.0	0.0	0.0	0.1	0.0	0.0	0.1	0.6
62.5°	2.3	2.5	2.6	2.4	1.8	1.1	1.3	1.6	1.1	0.2	0.8
60°	8.7	5.5	7.8	8.6	7.5	5.4	5.5	5.1	4.2	3.4	2.2
57.5°	28.3	27.4	22.5	19.4	18.5	16.4	13.5	10.8	9.5	7.6	5.4
55°	39.1	37.5	34.8	31.1	27.0	25.7	23.4	20.1	16.8	13.1	10.6
52.5°	48.1	48.5	46.9	42.5	38.8	36.3	33.1	29.9	26.0	22.3	17.4
50°	68.7	66.0	63.6	61.0	55.2	49.4	45.4	41.1	35.5	31.3	27.2
47.5°	87.7	83.8	81.1	77.8	71.1	65.1	58.7	52.6	45.6	39.1	35.0
45°	103.9	98.3	93.2	89.0	83.2	76.4	70.7	63.9	55.9	48.4	41.3
42.5°	120.4	111.9	105.0	100.8	93.8	86.7	80.4	75.1	66.5	57.6	50.5
40°	142.4	125.2	118.8	117.1	110.5	99.2	93.9	88.1	78.9	67.3	60.3
37.5°	178.6	155.6	144.3	138.4	132.3	120.6	110.2	102.6	94.3	81.3	71.3
35°	229.9	202.8	178.2	165.5	158.4	142.5	128.7	118.3	108.4	96.1	83.1
32.5°	274.9	244.4	215.0	192.8	176.8	162.1	146.7	133.8	120.9	108.3	95.5
30°	340.6	289.6	249.1	217.8	197.2	179.0	162.6	147.1	132.5	119.2	106.3
27.5°	429.8	348.5	293.4	249.3	218.7	197.0	178.4	160.3	143.6	129.3	116.1
25°	561.0	431.1	348.7	289.3	244.8	217.0	195.7	174.8	155.3	139.0	127.8
22.5°	749.5	572.0	436.3	332.4	282.9	247.6	216.2	189.9	167.8	153.2	139.9
20°	1074.1	765.8	565.1	431.7	340.5	283.9	240.9	210.0	187.4	168.7	152.2
17.5°	1628.9	1128.6	731.7	555.9	426.0	338.1	276.2	235.1	206.7	184.3	164.6
15°	2308.8	1548.9	1022.9	716.3	522.1	383.3	309.3	260.1	226.5	200.6	177.0
12.5°	3016.8	1948.9	1264.1	838.1	590.9	431.4	344.1	288.5	246.2	212.4	185.2
10°	3631.9	2359.9	1507.1	982.0	668.6	477.6	371.6	306.4	258.0	220.8	192.2
7.5°	4311.5	2780.2	1730.9	1087.4	732.8	514.7	390.2	318.5	267.8	227.9	198.0
5°	4815.0	3101.1	1920.2	1183.5	781.1	542.9	404.7	327.1	275.4	233.5	202.5
2.5°	5152.9	3324.5	2039.0	1249.6	810.9	564.6	416.4	335.2	281.4	239.3	207.6
0°	5258.3	3346.8	2130.0	1290.4	830.4	584.3	425.5	342.7	285.2	243.8	211.6
-2.5°	5290.5	3385.2	2120.9	1299.3	837.1	594.8	429.4	344.1	288.2	245.5	212.2
-5°	5080.3	3286.0	2073.3	1290.2	832.0	594.6	435.8	346.6	289.9	246.1	211.7
-7.5°	4711.1	3071.6	1948.8	1231.8	808.0	585.1	440.5	349.9	291.5	247.9	213.3
-10°	4149.7	2727.7	1755.3	1133.7	767.8	566.9	436.2	348.1	290.5	247.6	213.7
-12.5°	3584.9	2342.4	1504.7	996.3	702.3	533.3	419.8	341.0	286.8	245.1	212.7
-15°	2867.7	1960.6	1318.9	902.1	643.2	497.0	399.1	329.8	280.7	240.5	210.3
-17.5°	2303.4	1590.5	1080.3	773.7	586.2	465.2	382.9	320.7	273.4	235.9	207.0
-20°	1771.9	1252.7	914.7	680.8	527.6	426.1	361.0	307.4	265.1	231.1	203.9

Classified

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

Scaled Data Report



REPORT NUMBER: P626908 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA2C-730-U-NR-VSR-XX

CANDELA DISTRIBUTION (continued):

	20°	22.5°	25°	27.5°	30°	32.5°	35°	37.5°	40°	42.5°	45°
-22.5°	1335.3	1014.6	759.2	585.1	473.1	395.8	339.1	292.6	255.0	224.2	199.9
-25°	1037.5	809.2	634.9	516.8	424.9	362.4	318.8	280.8	247.0	217.4	195.1
-27.5°	820.5	657.1	544.9	453.3	385.9	339.8	302.3	268.6	238.3	212.3	190.1
-30°	664.4	558.3	471.9	403.2	355.2	316.6	286.4	258.2	230.3	205.7	184.8
-32.5°	544.2	479.0	414.1	364.8	324.9	295.3	270.8	247.0	220.4	198.9	179.3
-35°	466.0	418.6	372.4	333.2	299.5	277.0	255.1	232.9	211.3	191.2	173.0
-37.5°	411.5	372.8	338.1	306.4	281.4	260.2	241.0	221.4	201.7	183.3	166.5
-40°	369.1	336.2	308.8	284.7	264.7	246.5	229.1	211.0	193.5	175.0	159.5
-42.5°	334.5	308.5	284.8	266.3	249.3	233.8	218.4	202.6	185.5	168.0	151.6
-45°	305.9	285.5	265.6	249.2	234.7	221.7	209.9	194.1	177.3	159.9	143.2
-47.5°	281.9	265.0	248.5	233.2	221.2	209.9	198.6	184.6	167.0	150.6	136.4
-50°	260.6	247.0	233.0	219.0	208.4	198.1	186.1	171.6	156.4	142.8	129.5
-52.5°	243.5	231.2	219.0	207.2	196.9	186.1	173.3	160.7	147.7	135.0	122.7
-55°	226.2	216.2	206.4	196.7	187.0	175.8	164.0	151.5	138.8	126.9	114.3
-57.5°	212.5	203.4	194.5	185.7	177.1	166.0	154.0	141.7	128.6	116.6	104.8
-60°	198.0	190.1	181.3	172.8	164.6	154.8	141.7	129.1	117.0	105.6	94.2
-62.5°	180.0	172.2	164.7	156.4	147.8	138.1	126.2	114.6	104.1	94.2	83.9
-65°	159.3	152.2	144.8	136.7	127.7	117.7	107.6	99.0	91.0	82.5	73.5
-67.5°	138.1	131.7	124.1	116.0	108.2	100.1	92.9	85.6	78.0	70.3	62.2
-70°	118.9	113.8	107.7	100.6	93.2	85.6	78.7	71.9	64.9	58.4	52.2
-72.5°	100.6	95.9	90.3	83.8	77.3	71.0	65.1	59.6	54.2	48.8	43.3
-75°	81.9	78.0	73.6	68.3	63.0	57.7	52.9	48.4	43.8	39.1	34.4
-77.5°	64.6	61.7	58.5	54.4	50.2	46.1	42.0	37.9	34.1	30.6	27.3
-80°	48.8	46.7	44.2	40.9	37.6	34.3	31.1	28.3	25.8	23.4	21.1
-82.5°	34.0	32.3	30.5	28.1	25.8	23.5	21.3	19.6	17.9	16.3	14.8
-85°	20.4	19.5	18.5	17.2	15.9	14.7	13.6	12.6	11.7	10.7	9.7
-87.5°	9.7	9.0	8.3	8.2	8.0	7.8	7.5	6.8	6.2	5.5	4.9
-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: P626908 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA2C-730-U-NR-VSR-XX

CANDELA DISTRIBUTION (continued):

	47.5°	50°	52.5°	55°	57.5°	60°	62.5°	65°	67.5°	70°	72.5°
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
87.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
85°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
82.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
80°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
77.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
75°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.2	0.0	0.0
72.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.2	0.5	0.5	0.1
70°	0.0	0.0	0.0	0.2	0.2	0.0	0.0	0.3	0.9	1.0	0.7
67.5°	0.0	0.0	0.0	0.5	0.8	0.7	0.2	0.4	0.9	1.5	1.3
65°	0.8	0.5	0.0	0.6	1.1	1.5	1.1	0.7	1.0	1.6	1.9
62.5°	1.4	1.7	1.3	1.0	1.3	1.8	2.1	1.4	1.2	1.6	2.2
60°	1.5	2.1	2.3	1.8	1.6	1.9	2.3	2.1	1.7	1.7	2.2
57.5°	4.0	2.6	2.6	2.5	2.1	2.1	2.3	2.3	2.1	1.9	2.3
55°	7.5	5.5	3.9	3.1	2.6	2.3	2.4	2.3	2.3	2.1	2.3
52.5°	13.1	9.5	7.0	4.7	3.5	2.6	2.6	2.3	2.3	2.3	2.3
50°	20.8	15.0	11.0	7.9	4.9	3.8	3.0	2.7	2.3	2.3	2.3
47.5°	30.4	22.4	16.0	11.5	8.1	5.2	4.1	3.2	2.3	2.3	2.3
45°	37.5	31.2	22.3	16.1	11.4	7.8	5.5	3.8	2.9	2.4	2.3
42.5°	44.6	38.8	30.3	20.7	15.6	10.8	7.0	5.1	3.5	2.5	2.4
40°	53.5	46.3	38.0	28.2	20.3	13.7	9.6	6.6	4.2	2.9	2.6
37.5°	62.7	54.7	45.6	35.4	25.6	18.2	12.1	8.1	5.3	3.7	2.8
35°	73.1	63.4	53.2	42.3	31.9	22.8	14.6	9.9	6.8	4.6	3.1
32.5°	83.5	71.8	60.2	49.0	37.8	27.5	18.1	12.3	8.2	5.5	3.4
30°	93.7	80.1	66.7	55.4	43.3	32.6	22.4	14.9	9.5	6.4	3.8
27.5°	102.9	88.2	73.0	61.2	48.9	37.3	26.8	17.7	10.8	7.4	4.6
25°	112.5	96.5	80.1	66.2	54.2	42.1	30.9	20.6	12.8	8.5	5.3
22.5°	123.5	104.8	87.0	70.8	59.8	46.7	34.8	24.2	15.1	9.5	6.1
20°	135.3	113.1	94.0	77.4	64.9	51.5	38.7	27.4	17.4	10.5	6.8
17.5°	147.3	122.1	102.3	84.8	70.1	55.9	42.4	30.4	19.8	11.5	7.5
15°	155.5	131.2	109.9	91.8	75.2	60.1	45.9	33.0	22.1	12.3	8.2
12.5°	162.3	139.0	116.5	98.2	80.3	63.8	49.1	35.4	24.4	13.5	8.9
10°	168.4	145.6	122.3	104.1	85.2	67.2	52.1	37.6	26.5	15.0	9.6
7.5°	173.6	151.0	127.3	109.5	89.9	70.7	54.6	39.4	28.3	16.5	10.1
5°	178.0	155.7	131.5	112.9	94.2	74.3	56.7	41.1	29.8	18.0	10.6
2.5°	181.5	159.9	135.0	115.4	98.0	77.6	58.4	42.5	31.1	19.4	11.1
0°	184.0	163.3	138.0	117.3	101.2	80.5	59.8	43.7	32.2	20.7	11.5
-2.5°	185.7	163.9	141.2	119.5	103.1	82.9	62.6	45.2	33.1	21.9	12.2
-5°	186.4	163.8	143.5	121.1	104.5	84.8	64.9	46.4	33.7	22.9	12.8
-7.5°	187.4	164.5	144.8	122.4	105.5	86.3	66.7	47.3	34.2	23.7	13.4
-10°	187.8	165.3	145.1	124.1	106.2	87.4	67.9	47.9	34.6	24.3	13.9
-12.5°	187.3	165.3	145.1	125.0	106.6	88.0	68.5	48.8	34.9	24.7	14.3
-15°	185.8	164.3	144.7	125.1	106.5	88.2	68.7	49.6	35.6	24.8	14.7
-17.5°	183.5	162.4	144.2	124.3	106.1	88.1	68.5	50.0	36.0	24.6	15.0
-20°	181.2	160.6	143.4	122.6	105.3	87.6	67.9	49.9	36.0	24.2	15.3

Classified

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



REPORT NUMBER: P626908 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA2C-730-U-NR-VSR-XX

CANDELA DISTRIBUTION (continued):

	47.5°	50°	52.5°	55°	57.5°	60°	62.5°	65°	67.5°	70°	72.5°
-22.5°	178.2	159.0	140.9	121.0	104.1	86.8	67.0	49.3	35.6	23.7	15.5
-25°	174.5	156.5	138.0	119.7	102.7	85.2	65.8	48.3	34.7	23.0	15.6
-27.5°	170.7	153.1	134.9	117.9	100.7	83.2	64.4	47.2	33.6	22.1	15.5
-30°	166.3	149.3	132.2	115.4	97.9	80.4	62.2	45.6	32.3	21.6	15.4
-32.5°	161.5	145.5	129.2	111.7	94.4	77.3	59.6	43.5	30.9	21.3	15.2
-35°	156.7	141.3	125.5	107.1	90.6	73.9	56.8	40.7	29.3	20.9	15.0
-37.5°	151.0	136.0	119.6	102.2	86.6	70.3	54.3	39.1	27.4	20.3	14.7
-40°	144.5	129.6	112.8	97.5	82.3	66.4	51.5	37.7	26.2	19.5	14.3
-42.5°	137.2	122.3	107.3	92.8	77.9	63.2	48.7	35.9	25.7	18.9	13.9
-45°	129.8	115.8	102.3	87.9	73.4	59.7	46.3	33.9	24.9	18.3	13.5
-47.5°	122.8	110.3	96.7	82.6	69.5	56.3	43.5	32.6	23.9	17.7	13.0
-50°	116.9	104.2	90.6	77.3	64.9	52.7	40.6	31.0	22.9	17.0	12.5
-52.5°	110.1	97.3	84.0	71.4	60.0	48.7	38.2	28.9	21.7	16.2	11.8
-55°	102.1	89.3	76.6	65.5	54.9	44.9	35.3	26.8	20.1	15.2	11.0
-57.5°	92.6	80.2	69.8	59.7	49.8	40.7	32.0	24.3	18.6	14.1	10.1
-60°	82.9	72.9	63.4	53.5	44.4	36.1	28.4	21.8	17.1	12.9	9.2
-62.5°	74.3	65.1	55.8	46.8	38.8	31.3	24.6	19.8	15.5	11.6	8.1
-65°	64.6	56.0	47.6	40.2	33.1	26.8	22.1	17.7	13.7	10.1	7.1
-67.5°	54.2	47.3	40.2	33.5	28.3	23.7	19.4	15.4	11.8	8.6	6.5
-70°	45.8	39.3	33.6	28.8	24.4	20.3	16.5	13.0	9.8	7.7	5.9
-72.5°	37.8	32.8	28.3	24.2	20.4	16.8	13.5	10.7	8.6	6.7	5.2
-75°	30.1	26.5	22.9	19.4	16.2	13.3	11.1	9.0	7.2	5.7	4.6
-77.5°	24.1	20.9	17.6	15.1	13.2	11.2	9.1	7.2	6.0	5.0	3.9
-80°	18.6	16.3	14.4	12.6	10.8	9.0	7.4	6.1	5.2	4.2	3.3
-82.5°	13.4	12.2	11.1	10.1	8.7	7.4	6.2	5.2	4.3	3.5	2.6
-85°	9.1	8.5	8.0	7.5	6.6	5.7	4.8	3.9	3.1	2.3	1.7
-87.5°	4.7	4.4	4.2	4.0	3.4	2.9	2.4	1.9	1.5	1.2	0.9
-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: P626908 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA2C-730-U-NR-VSR-XX

CANDELA DISTRIBUTION (continued):

	75°	77.5°	80°	82.5°	85°	87.5°	90°
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0
87.5°	0.0	0.0	0.0	0.0	0.0	0.1	0.0
85°	0.0	0.0	0.0	0.0	0.0	0.1	0.0
82.5°	0.0	0.0	0.0	0.0	0.0	0.2	0.0
80°	0.0	0.0	0.0	0.0	0.0	0.2	0.0
77.5°	0.0	0.0	0.0	0.0	0.0	0.3	0.0
75°	0.1	0.2	0.0	0.0	0.0	0.3	0.0
72.5°	0.1	0.3	0.2	0.0	0.1	0.4	0.0
70°	0.3	0.5	0.5	0.0	0.1	0.4	0.0
67.5°	0.8	0.7	0.7	0.3	0.1	0.5	0.0
65°	1.3	1.0	0.9	0.5	0.2	0.5	0.0
62.5°	1.8	1.3	1.2	0.7	0.2	0.6	0.0
60°	2.3	1.6	1.4	1.0	0.3	0.7	0.0
57.5°	2.3	1.9	1.6	1.2	0.5	0.7	0.0
55°	2.3	2.1	1.8	1.5	0.7	0.8	0.0
52.5°	2.3	2.3	1.9	1.7	0.9	0.8	0.0
50°	2.3	2.3	2.0	2.0	1.0	0.9	0.0
47.5°	2.3	2.3	2.1	2.2	1.2	1.0	0.0
45°	2.3	2.3	2.2	2.2	1.3	1.1	0.0
42.5°	2.3	2.3	2.3	2.3	1.5	1.1	0.0
40°	2.3	2.3	2.3	2.3	1.6	1.2	0.0
37.5°	2.3	2.3	2.3	2.3	1.7	1.3	0.0
35°	2.3	2.3	2.3	2.3	1.8	1.3	0.0
32.5°	2.4	2.3	2.3	2.3	1.9	1.4	0.0
30°	2.6	2.3	2.3	2.3	2.0	1.5	0.0
27.5°	2.9	2.3	2.3	2.3	2.1	1.6	0.0
25°	3.1	2.3	2.3	2.3	2.1	1.6	0.0
22.5°	3.4	2.3	2.3	2.3	2.2	1.7	0.0
20°	3.7	2.5	2.3	2.3	2.2	1.8	0.0
17.5°	4.1	2.7	2.3	2.3	2.2	1.9	0.0
15°	4.6	3.0	2.3	2.3	2.3	1.9	0.0
12.5°	5.0	3.2	2.3	2.3	2.3	2.0	0.0
10°	5.5	3.5	2.3	2.3	2.3	2.1	0.0
7.5°	5.9	3.8	2.3	2.3	2.3	2.1	0.0
5°	6.2	4.1	2.3	2.3	2.3	2.2	0.0
2.5°	6.6	4.3	2.3	2.3	2.3	2.2	0.0
0°	6.9	4.6	2.3	2.3	2.3	2.3	0.0
-2.5°	7.5	4.8	2.5	2.3	2.3	2.3	0.0
-5°	8.1	5.1	2.7	2.3	2.3	2.3	0.0
-7.5°	8.6	5.3	2.9	2.3	2.3	2.3	0.0
-10°	9.0	5.4	3.1	2.3	2.3	2.3	0.0
-12.5°	9.4	5.6	3.2	2.3	2.3	2.2	0.0
-15°	9.7	5.7	3.3	2.3	2.3	2.2	0.0
-17.5°	9.9	5.8	3.4	2.3	2.3	2.2	0.0
-20°	10.0	5.9	3.5	2.3	2.3	2.2	0.0

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CATALOG NUMBER: GFLD-SA2C-730-U-NR-VSR-XX

CANDELA DISTRIBUTION (continued):

	75°	77.5°	80°	82.5°	85°	87.5°	90°
-22.5°	10.1	5.9	3.5	2.3	2.3	2.1	0.0
-25°	10.2	6.1	3.5	2.3	2.3	2.1	0.0
-27.5°	10.2	6.2	3.5	2.3	2.3	2.0	0.0
-30°	10.2	6.4	3.4	2.3	2.3	2.0	0.0
-32.5°	10.0	6.4	3.4	2.3	2.3	1.9	0.0
-35°	10.0	6.4	3.3	2.3	2.3	1.9	0.0
-37.5°	10.0	6.3	3.2	2.3	2.3	1.8	0.0
-40°	9.8	6.2	3.1	2.3	2.3	1.8	0.0
-42.5°	9.6	6.0	3.1	2.3	2.3	1.7	0.0
-45°	9.3	5.8	3.2	2.4	2.3	1.6	0.0
-47.5°	9.0	5.5	3.2	2.4	2.3	1.6	0.0
-50°	8.5	5.1	3.3	2.5	2.3	1.5	0.0
-52.5°	8.0	4.7	3.3	2.5	2.3	1.4	0.0
-55°	7.4	4.6	3.3	2.5	2.3	1.3	0.0
-57.5°	6.7	4.4	3.2	2.5	2.3	1.2	0.0
-60°	6.0	4.3	3.1	2.5	2.3	1.1	0.0
-62.5°	5.7	4.1	3.1	2.4	2.1	1.1	0.0
-65°	5.3	3.9	2.9	2.4	1.9	1.0	0.0
-67.5°	4.9	3.7	2.8	2.4	1.8	0.9	0.0
-70°	4.5	3.4	2.7	2.3	1.6	0.8	0.0
-72.5°	4.0	3.1	2.5	2.1	1.4	0.7	0.0
-75°	3.5	2.8	2.3	1.8	1.2	0.6	0.0
-77.5°	2.9	2.4	2.0	1.5	1.0	0.5	0.0
-80°	2.4	2.0	1.6	1.2	0.8	0.4	0.0
-82.5°	1.8	1.5	1.2	0.9	0.6	0.3	0.0
-85°	1.2	1.0	0.8	0.6	0.4	0.2	0.0
-87.5°	0.6	0.5	0.4	0.3	0.2	0.1	0.0
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0

(END OF REPORT)