

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: P627608 (CONVERTED FROM TYPE C PHOTOMETRY)

Luminaire Tested: **GFLD-SA5C-722-U-NR-VSR-XX**

Issue Date: 12/7/2022

Test Information

Test Method: LM-79-08
Report Number: P627608 (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-SA5C-722-U-NR-VSR-XX
Description: GALLEON FLOOD, FIVE LIGHT SQAURE, NARROW SYMMETRICAL ROUND N3 WITH VISOR
Light Source: (80) 2200K CCT, 70 CRI LEDS
Ballast/Driver: -

Summary

Lumens per Lamp: N/A
Luminaire Lumens: 22172.8 lumens
Efficiency: N/A
Efficacy: 107.6 lumens/watt
Luminous Opening: Rectangular (W 1.5' x L: 1' x H: 0')

NEMA Type: 3H x 3V
Max Intensity: 224758 candela
Max Intensity Angle: 0°H x 0°V

Beam Angle (50%): 13.6°H x 13.6°V
Beam Lumens: 7078.6 lumens
Beam Efficiency: 31.9%

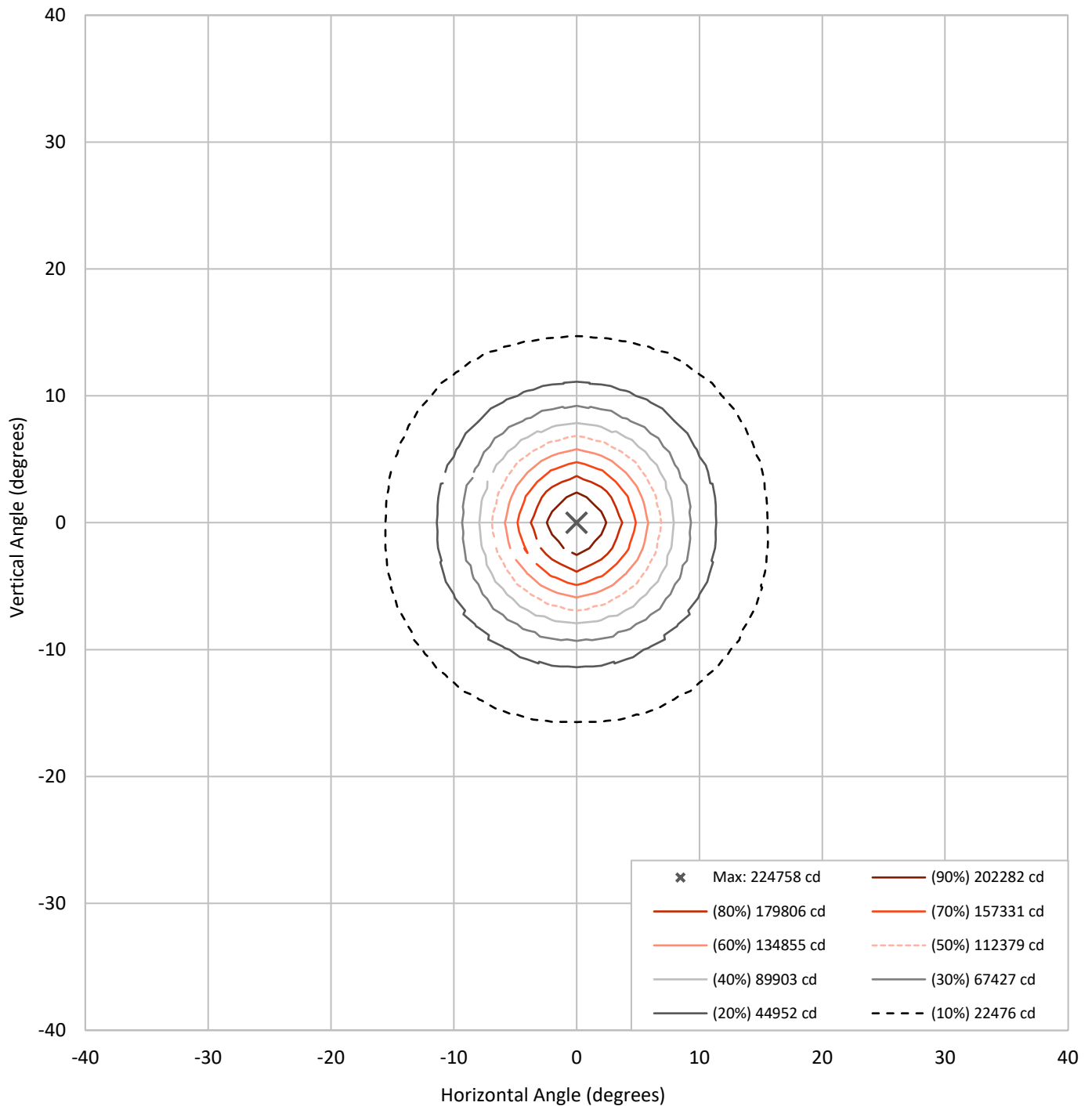
Field Angle (10%): 30.9°H x 30.2°V
Field Lumens: 15766.3 lumens
Field Efficiency: 71.1%

Input Watts (W): 206.1
Input Voltage (V): 120
Input Current (Ain): NR
Voltage Rise (V): NR
Power Factor: NR
Total Harmonic Distortion (THDi): NR
Frequency (hertz): 60
Stabilization Time: NR
Operation Time: NR
Ambient Temperature (°C): NR
Test Distance: 25 FT



REPORT NUMBER: P627608 (CONVERTED FROM TYPE C PHOTOMETRY)
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Iso-Candela Plot





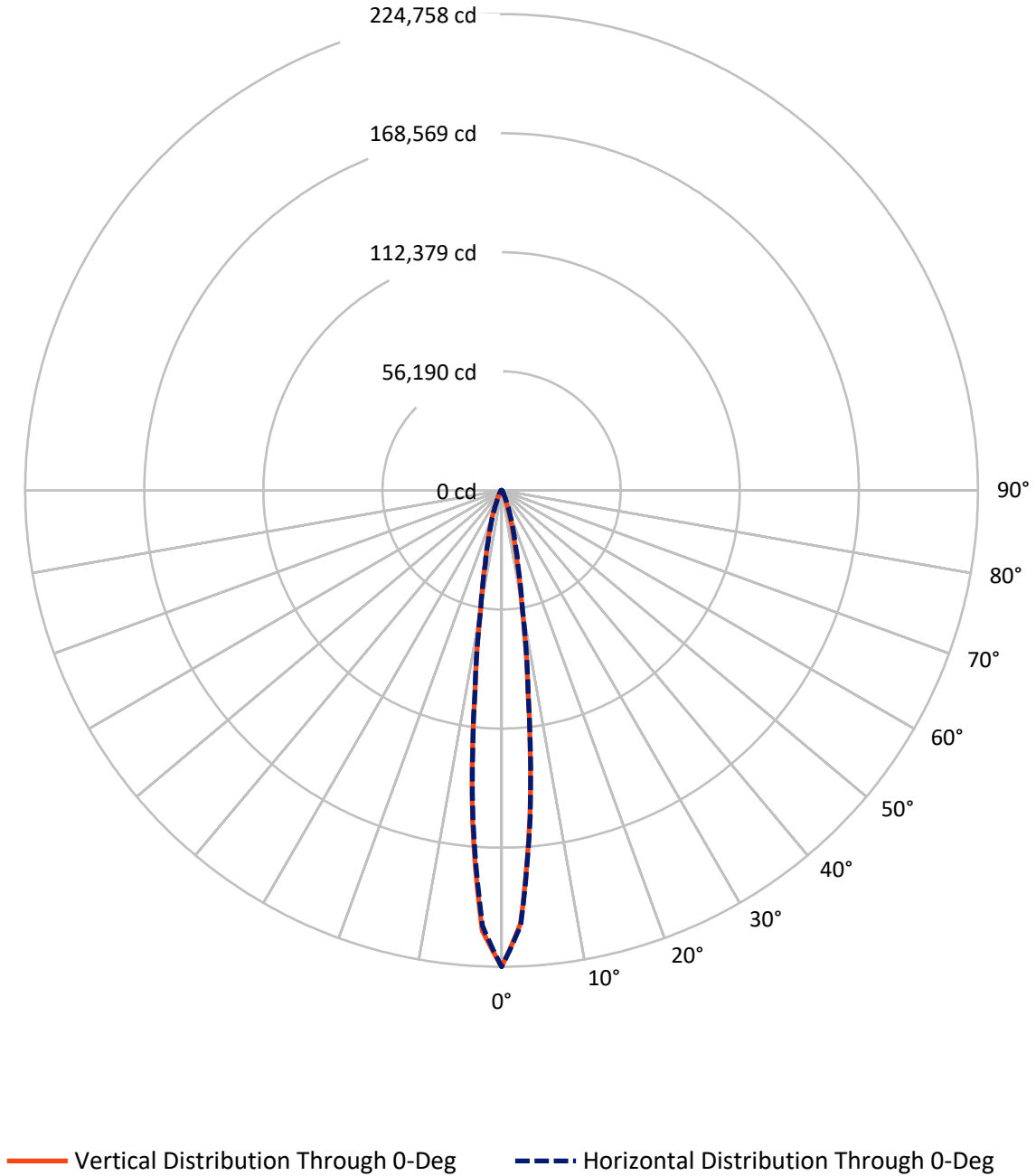
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Lumen Table

90	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	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	0.0	0.0	0.0	0.0	0.0	0.0		
70	0.1	0.0	0.0	0.0	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.0	0.0	0.0	0.1			
60		0.1	0.1	0.5	1.2	2.0	2.6	3.1	3.1	2.6	2.0	1.2	0.5	0.1	0.1				
50	0.1	0.1	0.7	1.9	3.6	5.3	7.5	8.8	8.8	7.5	5.3	3.6	1.9	0.7	0.1	0.1			
40		0.3	1.6	3.8	6.7	10.6	18.0	23.0	23.0	18.0	10.6	6.7	3.8	1.6	0.3				
30	0.2	0.6	2.5	5.7	10.4	22.6	60.2	99.7	99.7	60.2	22.6	10.4	5.7	2.5	0.6	0.2			
20		0.9	3.4	7.9	17.2	67.4	284.2	624.8	624.8	284.2	67.4	17.2	7.9	3.4	0.9				
10	0.3	1.2	4.1	9.3	23.3	126.6	681.1	3054.5	3054.5	681.1	126.6	23.3	9.3	4.1	1.2	0.3			
0		1.4	4.5	9.8	25.0	134.9	705.0	3106.3	3106.3	705.0	134.9	25.0	9.8	4.5	1.4				
-10	0.4	1.4	4.6	9.6	22.0	85.8	342.2	732.0	732.0	342.2	85.8	22.0	9.6	4.6	1.4	0.4			
-20		1.4	4.4	8.8	17.0	40.1	105.4	175.7	175.7	105.4	40.1	17.0	8.8	4.4	1.4				
-30	0.4	1.2	3.9	7.8	13.3	22.0	35.8	45.5	45.5	35.8	22.0	13.3	7.8	3.9	1.2	0.4			
-40		1.0	3.2	6.5	10.7	15.4	20.7	23.1	23.1	20.7	15.4	10.7	6.5	3.2	1.0				
-50	0.3	0.8	2.4	5.1	8.4	11.8	14.9	16.3	16.3	14.9	11.8	8.4	5.1	2.4	0.8	0.3			
-60		0.5	1.5	3.3	5.7	8.2	10.4	11.4	11.4	10.4	8.2	5.7	3.3	1.5	0.5				
-70	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1			
-80		1.3	5.6	12.3	15.5	12.3	5.6	1.3	0.1										
-90	0.1	1.3	5.6	12.3	15.5	12.3	5.6	1.3	0.1	1.3	5.6	12.3	15.5	12.3	5.6	1.3	0.1		
	-90	-80	-70	-60	-50	-40	-30	-20	-10	0	10	20	30	40	50	60	70	80	90

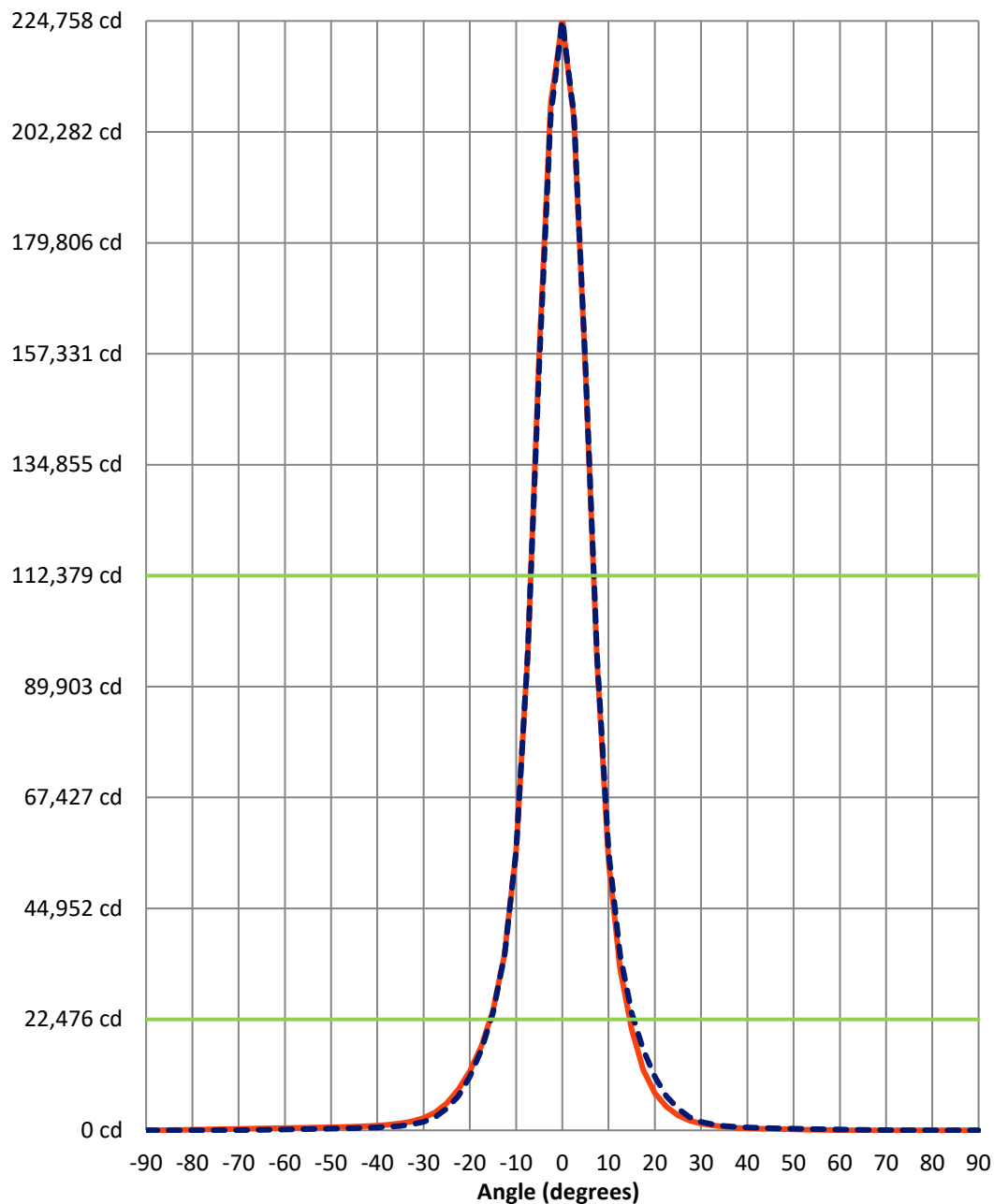
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Luminous Intensity Polar Plot



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Luminous Intensity Plot



Beam:
 H Angle: 13.6°
 V Angle: 13.6°
 Lumens: 7078.6
 Efficiency: 31.9%

Field:
 H Angle: 30.9°
 V Angle: 30.2°
 Lumens: 15766.3
 Efficiency: 71.1%

Spill:
 Lumens: 6406.6
 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	0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
82.5°	0.0	0.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
80°	0.0	0.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
77.5°	0.0	0.5	0.0	0.0	0.0	0.1	0.0	0.0	0.0	0.0	0.0
75°	0.0	0.6	0.1	0.0	0.1	0.4	0.1	0.0	0.1	0.4	0.2
72.5°	0.0	0.8	0.1	0.0	0.5	0.7	0.3	0.3	1.0	1.1	0.5
70°	0.0	0.9	0.2	0.1	1.0	1.1	0.6	1.5	2.0	1.8	0.6
67.5°	0.0	1.0	0.3	0.6	1.4	1.5	1.7	2.7	3.1	1.9	0.8
65°	0.0	1.1	0.4	1.0	1.9	2.1	2.8	4.0	3.2	2.1	1.4
62.5°	0.0	1.2	0.5	1.5	2.5	2.7	3.8	4.5	3.4	2.5	3.0
60°	0.0	1.4	0.6	2.0	3.0	3.3	4.7	4.7	3.6	3.5	4.4
57.5°	0.0	1.5	1.0	2.5	3.4	3.9	4.8	4.8	4.0	4.3	4.8
55°	0.0	1.6	1.4	3.0	3.7	4.4	4.8	4.8	4.4	4.8	4.8
52.5°	0.0	1.8	1.8	3.6	4.0	4.8	4.8	4.8	4.7	4.8	4.8
50°	0.0	1.9	2.2	4.1	4.2	4.8	4.8	4.8	4.8	4.8	5.6
47.5°	0.0	2.0	2.5	4.5	4.4	4.8	4.8	4.8	4.8	4.8	6.6
45°	0.0	2.2	2.8	4.7	4.6	4.8	4.8	4.8	5.0	5.9	7.8
42.5°	0.0	2.3	3.1	4.8	4.8	4.8	4.8	5.0	5.3	7.2	10.5
40°	0.0	2.5	3.4	4.8	4.8	4.8	4.8	5.3	6.1	8.7	13.5
37.5°	0.0	2.6	3.6	4.8	4.8	4.8	4.8	5.8	7.7	11.0	16.7
35°	0.0	2.8	3.8	4.8	4.8	4.8	4.8	6.4	9.5	14.0	20.5
32.5°	0.0	3.0	4.0	4.8	4.8	4.8	4.9	7.0	11.3	16.9	25.4
30°	0.0	3.1	4.2	4.8	4.8	4.8	5.4	7.9	13.2	19.7	30.8
27.5°	0.0	3.3	4.3	4.8	4.8	4.8	6.0	9.4	15.3	22.4	36.5
25°	0.0	3.4	4.4	4.8	4.8	4.8	6.5	11.0	17.6	26.3	42.7
22.5°	0.0	3.6	4.5	4.8	4.8	4.9	7.1	12.5	19.7	31.1	50.0
20°	0.0	3.7	4.6	4.8	4.8	5.2	7.7	14.0	21.7	36.0	56.7
17.5°	0.0	3.9	4.7	4.8	4.8	5.7	8.5	15.5	23.7	40.9	62.8
15°	0.0	4.0	4.7	4.8	4.8	6.1	9.5	17.0	25.4	45.7	68.3
12.5°	0.0	4.2	4.8	4.8	4.8	6.7	10.4	18.4	27.9	50.4	73.3
10°	0.0	4.3	4.8	4.8	4.8	7.2	11.3	19.7	30.9	54.8	77.7
7.5°	0.0	4.4	4.8	4.8	4.8	7.8	12.1	21.0	34.0	58.5	81.6
5°	0.0	4.6	4.8	4.8	4.8	8.4	12.9	22.0	37.1	61.7	85.0
2.5°	0.0	4.7	4.8	4.8	4.8	9.0	13.6	23.0	40.1	64.4	87.9
0°	0.0	4.8	4.8	4.8	4.8	9.5	14.3	23.8	42.8	66.6	90.4
-2.5°	0.0	4.8	4.8	4.8	5.2	10.0	15.5	25.2	45.2	68.4	93.5
-5°	0.0	4.8	4.8	4.8	5.6	10.5	16.7	26.5	47.3	69.7	96.0
-7.5°	0.0	4.8	4.8	4.8	6.0	10.9	17.8	27.7	49.0	70.8	97.9
-10°	0.0	4.7	4.8	4.8	6.3	11.3	18.7	28.7	50.3	71.6	99.1
-12.5°	0.0	4.7	4.8	4.8	6.7	11.6	19.5	29.6	51.1	72.3	100.9
-15°	0.0	4.6	4.8	4.8	6.9	11.8	20.1	30.3	51.3	73.7	102.6
-17.5°	0.0	4.6	4.8	4.8	7.1	12.0	20.5	31.1	50.9	74.5	103.4
-20°	0.0	4.5	4.8	4.8	7.3	12.2	20.7	31.7	50.2	74.5	103.2

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Scaled Data Report



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CATALOG NUMBER: GFLD-SA5C-722-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	4.4	4.8	4.8	7.3	12.3	21.0	32.1	49.0	73.6	102.0
-25°	0.0	4.4	4.8	4.8	7.3	12.6	21.1	32.2	47.5	71.9	99.8
-27.5°	0.0	4.3	4.8	4.8	7.2	12.9	21.1	32.1	45.6	69.5	97.7
-30°	0.0	4.2	4.8	4.8	7.0	13.1	21.0	31.8	44.6	66.9	94.4
-32.5°	0.0	4.0	4.8	4.8	7.0	13.2	20.8	31.4	44.1	63.9	89.9
-35°	0.0	3.9	4.8	4.8	6.9	13.2	20.7	31.0	43.2	60.5	84.2
-37.5°	0.0	3.8	4.8	4.8	6.7	13.1	20.6	30.4	41.9	56.7	81.0
-40°	0.0	3.7	4.8	4.8	6.5	12.8	20.4	29.7	40.3	54.3	78.0
-42.5°	0.0	3.5	4.8	4.8	6.5	12.4	19.9	28.8	39.0	53.2	74.3
-45°	0.0	3.4	4.8	5.0	6.6	11.9	19.3	27.9	37.9	51.6	70.2
-47.5°	0.0	3.2	4.8	5.1	6.7	11.3	18.5	27.0	36.6	49.3	67.5
-50°	0.0	3.1	4.8	5.1	6.8	10.6	17.6	25.8	35.2	47.5	64.0
-52.5°	0.0	2.9	4.8	5.2	6.8	9.7	16.5	24.4	33.5	44.8	59.8
-55°	0.0	2.8	4.8	5.2	6.8	9.5	15.2	22.8	31.5	41.5	55.5
-57.5°	0.0	2.6	4.8	5.2	6.7	9.2	13.8	21.0	29.2	38.5	50.3
-60°	0.0	2.4	4.8	5.2	6.5	8.9	12.4	19.0	26.7	35.4	45.0
-62.5°	0.0	2.2	4.4	5.1	6.3	8.5	11.7	16.8	24.0	32.0	41.0
-65°	0.0	2.0	4.1	5.0	6.1	8.1	11.0	14.8	21.0	28.4	36.6
-67.5°	0.0	1.8	3.7	4.9	5.8	7.6	10.2	13.6	17.8	24.5	31.9
-70°	0.0	1.6	3.3	4.8	5.5	7.0	9.2	12.2	15.9	20.4	27.0
-72.5°	0.0	1.4	2.9	4.3	5.2	6.4	8.2	10.8	13.9	17.7	22.1
-75°	0.0	1.2	2.5	3.7	4.9	5.7	7.2	9.4	11.8	15.0	18.6
-77.5°	0.0	1.0	2.1	3.1	4.1	5.1	6.1	8.1	10.3	12.4	15.0
-80°	0.0	0.8	1.7	2.5	3.3	4.1	4.9	6.8	8.7	10.7	12.6
-82.5°	0.0	0.6	1.3	1.9	2.5	3.1	3.7	5.3	7.2	8.9	10.7
-85°	0.0	0.4	0.8	1.3	1.7	2.1	2.5	3.6	4.9	6.3	8.0
-87.5°	0.0	0.2	0.4	0.6	0.8	1.0	1.2	1.8	2.4	3.2	4.0
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



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CANDELA DISTRIBUTION (continued):

	-62.5°	-60°	-57.5°	-55°	-52.5°	-50°	-47.5°	-45°	-42.5°	-40°	-37.5°
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
87.5°	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	0.5	0.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0
67.5°	0.3	1.4	1.6	1.0	0.0	0.0	0.0	0.3	0.0	0.0	0.0
65°	2.3	3.1	2.4	1.2	0.1	1.1	1.6	1.3	0.2	0.0	0.0
62.5°	4.4	3.8	2.7	2.0	2.7	3.6	2.8	1.6	0.4	2.3	3.3
60°	4.8	4.0	3.4	3.8	4.9	4.3	3.2	4.6	7.0	8.8	10.6
57.5°	4.8	4.4	4.4	5.2	5.4	5.4	8.4	11.2	15.8	19.6	22.3
55°	4.9	4.8	5.4	6.5	8.0	11.4	15.6	21.9	27.0	34.9	41.6
52.5°	5.4	5.4	7.3	9.8	14.4	19.7	27.0	36.0	46.2	53.9	61.9
50°	6.2	8.0	10.2	16.3	22.7	30.9	43.1	56.2	64.8	73.4	84.9
47.5°	8.5	10.8	16.7	23.9	33.1	46.2	62.9	72.4	80.8	94.3	108.8
45°	11.4	16.2	23.5	33.4	46.1	64.5	77.7	85.3	100.1	115.7	132.2
42.5°	14.6	22.3	32.3	42.7	62.7	80.2	92.1	104.4	119.2	137.5	155.3
40°	19.8	28.4	42.0	58.3	78.7	95.7	110.7	124.8	139.3	163.2	182.2
37.5°	25.1	37.6	52.9	73.2	94.4	113.0	129.7	147.4	168.2	195.1	212.2
35°	30.2	47.2	65.9	87.5	110.0	131.1	151.1	171.8	198.7	224.3	244.6
32.5°	37.4	56.9	78.1	101.4	124.5	148.4	172.8	197.4	224.0	250.1	276.8
30°	46.4	67.4	89.7	114.7	137.9	165.6	193.8	219.9	246.6	274.1	304.3
27.5°	55.5	77.1	101.2	126.5	150.9	182.5	212.8	240.1	267.5	297.1	331.5
25°	63.9	87.0	112.2	137.0	165.7	199.5	232.7	264.4	287.6	321.3	361.5
22.5°	72.0	96.6	123.6	146.5	180.0	216.8	255.4	289.5	316.9	347.0	392.7
20°	80.0	106.5	134.3	160.0	194.4	233.8	279.8	314.8	348.9	387.7	434.4
17.5°	87.7	115.7	145.0	175.4	211.7	252.6	304.7	340.4	381.1	427.5	486.3
15°	94.9	124.2	155.6	189.8	227.3	271.3	321.6	366.1	414.8	468.4	537.9
12.5°	101.6	132.0	166.1	203.2	241.0	287.5	335.8	383.1	439.2	509.3	596.7
10°	107.8	139.1	176.2	215.4	253.0	301.1	348.3	397.6	456.7	533.7	633.8
7.5°	112.9	146.2	185.9	226.4	263.3	312.3	359.1	409.5	471.4	553.9	658.7
5°	117.3	153.7	194.8	233.5	271.9	322.0	368.2	418.9	483.1	569.7	676.5
2.5°	120.9	160.5	202.7	238.7	279.3	330.8	375.4	429.4	494.9	581.9	693.3
0°	123.7	166.5	209.3	242.6	285.4	337.8	380.6	437.7	504.3	589.9	708.9
-2.5°	129.5	171.5	213.3	247.1	292.0	338.9	384.0	438.9	507.8	596.1	711.8
-5°	134.3	175.4	216.2	250.6	296.9	338.8	385.5	437.8	509.0	599.6	716.9
-7.5°	138.1	178.5	218.1	253.3	299.6	340.3	387.6	441.2	512.8	602.9	723.7
-10°	140.5	180.7	219.7	256.6	300.2	342.0	388.5	442.0	512.1	600.8	720.0
-12.5°	141.7	182.0	220.4	258.5	300.0	341.8	387.3	439.9	506.9	593.3	705.2
-15°	142.1	182.5	220.3	258.7	299.3	339.8	384.3	435.0	497.5	580.6	682.2
-17.5°	141.7	182.3	219.4	257.1	298.2	335.9	379.5	428.2	487.9	565.6	663.4
-20°	140.5	181.3	217.8	253.7	296.6	332.2	374.8	421.8	478.0	548.3	635.8



REPORT NUMBER: P627608 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA5C-722-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°	138.5	179.6	215.4	250.2	291.4	328.9	368.7	413.5	463.8	527.4	605.1
-25°	136.2	176.2	212.4	247.6	285.4	323.7	360.9	403.5	449.7	510.9	580.8
-27.5°	133.1	172.1	208.3	243.8	279.0	316.8	353.1	393.3	439.1	493.0	555.6
-30°	128.8	166.3	202.5	238.8	273.4	308.9	344.0	382.3	425.4	476.3	534.0
-32.5°	123.2	159.9	195.2	231.1	267.2	301.0	334.0	370.9	411.4	456.0	510.9
-35°	117.6	152.9	187.4	221.6	259.6	292.2	324.0	357.8	395.5	437.0	481.7
-37.5°	112.3	145.4	179.1	211.3	247.3	281.3	312.3	344.4	379.2	417.2	457.9
-40°	106.6	137.4	170.3	201.7	233.3	268.0	298.9	329.9	362.0	400.2	436.4
-42.5°	100.7	130.7	161.1	191.9	222.1	253.1	283.9	313.6	347.5	383.7	419.2
-45°	95.7	123.6	151.8	181.8	211.5	239.5	268.5	296.3	330.7	366.8	401.5
-47.5°	90.0	116.3	143.7	170.9	200.0	228.1	254.1	282.2	311.5	345.5	381.9
-50°	84.0	109.0	134.2	159.8	187.4	215.5	241.8	267.8	295.5	323.4	354.8
-52.5°	78.9	100.7	124.1	147.6	173.8	201.2	227.8	253.8	279.2	305.5	332.3
-55°	72.9	92.9	113.6	135.5	158.5	184.7	211.1	236.4	262.4	287.0	313.3
-57.5°	66.2	84.2	103.0	123.6	144.4	166.0	191.6	216.8	241.2	266.1	293.1
-60°	58.6	74.7	91.8	110.7	131.1	150.8	171.6	194.9	218.5	242.1	267.1
-62.5°	50.8	64.8	80.2	96.7	115.4	134.8	153.7	173.7	194.8	215.3	237.0
-65°	45.6	55.4	68.4	83.1	98.4	115.7	133.7	152.1	170.8	188.2	204.9
-67.5°	40.1	48.9	58.5	69.4	83.3	97.9	112.2	128.7	145.4	161.4	177.0
-70°	34.2	42.1	50.5	59.6	69.4	81.4	94.8	108.0	120.9	134.3	148.7
-72.5°	28.0	34.8	42.2	50.0	58.4	67.9	78.2	89.5	100.9	112.0	123.3
-75°	23.0	27.5	33.5	40.1	47.4	54.8	62.3	71.2	80.9	90.6	100.1
-77.5°	18.9	23.1	27.2	31.3	36.5	43.3	49.9	56.5	63.3	70.6	78.4
-80°	15.4	18.6	22.4	26.1	29.7	33.8	38.4	43.6	48.4	53.3	58.6
-82.5°	12.9	15.3	18.0	20.9	23.0	25.2	27.6	30.6	33.8	37.1	40.5
-85°	9.8	11.8	13.7	15.6	16.6	17.7	18.8	20.1	22.2	24.2	26.1
-87.5°	4.9	5.9	7.0	8.2	8.7	9.2	9.7	10.1	11.4	12.7	14.1
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



REPORT NUMBER: P627608 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA5C-722-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°	0.3	0.0	0.0	0.0	0.0	0.9	1.2	1.0	0.4	0.0	0.0
62.5°	2.8	2.3	3.7	4.9	5.4	5.3	4.9	4.3	3.7	3.4	3.9
60°	11.4	11.2	15.6	17.7	16.1	11.4	17.9	21.1	20.3	17.4	17.3
57.5°	27.9	33.9	38.3	40.2	46.5	56.6	58.6	55.2	54.1	55.2	63.7
55°	48.4	53.3	55.8	64.4	72.0	77.6	80.9	84.2	89.0	95.0	101.2
52.5°	68.4	75.1	80.2	87.9	97.1	100.3	99.4	111.2	120.4	126.3	128.7
50°	93.9	102.3	114.1	126.2	131.5	136.6	142.0	151.7	165.8	183.3	193.3
47.5°	121.5	134.6	147.0	160.9	167.9	173.3	181.4	198.2	218.3	237.1	247.0
45°	146.3	157.9	172.2	184.1	192.8	203.3	215.0	230.2	252.6	272.3	285.9
42.5°	166.2	179.3	194.0	208.4	217.2	231.4	249.1	269.8	293.3	313.8	329.0
40°	194.1	205.2	228.5	242.2	245.7	258.9	294.5	322.8	349.4	374.6	387.2
37.5°	227.8	249.5	273.7	286.2	298.4	321.8	369.4	415.1	449.0	483.2	501.8
35°	266.1	294.7	327.6	342.3	368.6	419.6	475.5	539.0	618.1	651.3	681.5
32.5°	303.4	335.3	365.6	398.7	444.7	505.5	568.5	671.6	767.9	842.4	896.8
30°	336.4	370.2	407.9	450.4	515.2	599.1	704.4	837.7	973.4	1091.7	1191.9
27.5°	369.0	407.5	452.4	515.7	606.9	720.9	888.9	1079.1	1305.5	1472.3	1671.5
25°	404.8	448.8	506.4	598.3	721.3	891.7	1160.3	1469.2	1840.4	2141.5	2456.5
22.5°	447.2	512.2	585.0	687.6	902.4	1183.1	1550.2	2078.0	2649.1	3177.2	3685.6
20°	498.4	587.2	704.2	892.9	1168.8	1583.8	2221.5	3063.9	3903.8	4798.3	5659.3
17.5°	571.4	699.4	881.3	1149.8	1513.4	2334.2	3369.0	4672.0	6346.0	7863.1	9187.6
15°	639.9	792.8	1080.0	1481.5	2115.6	3203.4	4775.1	6925.8	9534.8	11912.5	14423.7
12.5°	711.7	892.3	1222.2	1733.4	2614.4	4030.7	6239.5	9186.3	12453.1	16036.6	20118.3
10°	768.6	987.9	1382.9	2031.1	3117.1	4880.8	7511.7	11085.6	15426.7	20730.0	27255.0
7.5°	807.1	1064.6	1515.6	2249.0	3579.9	5750.1	8917.3	13212.9	18640.1	25665.9	34796.0
5°	837.1	1123.0	1615.4	2447.7	3971.3	6413.7	9958.6	15075.8	21495.9	30909.2	46382.2
2.5°	861.2	1167.8	1677.2	2584.5	4217.0	6875.9	10657.3	16129.7	23195.9	34785.7	54859.8
0°	880.1	1208.4	1717.4	2668.9	4405.3	6922.0	10875.4	16322.6	23806.0	35485.4	56684.3
-2.5°	888.1	1230.1	1731.3	2687.4	4386.5	7001.4	10941.9	16476.6	23783.0	35102.0	54646.6
-5°	901.5	1229.7	1720.8	2668.5	4288.2	6796.2	10507.4	15614.5	22348.2	32083.0	48095.6
-7.5°	911.1	1210.1	1671.0	2547.6	4030.7	6352.8	9743.8	14186.2	19736.8	27128.2	37045.3
-10°	902.3	1172.5	1588.0	2344.8	3630.5	5641.5	8582.7	12300.6	16913.7	22391.3	29129.2
-12.5°	868.3	1102.9	1452.4	2060.7	3112.1	4844.7	7414.5	10580.0	13994.4	17841.4	22497.3
-15°	825.4	1028.1	1330.3	1865.8	2727.8	4055.0	5931.1	8499.1	11238.1	14158.9	17273.5
-17.5°	792.0	962.3	1212.6	1600.2	2234.3	3289.5	4763.9	6588.1	8600.9	10824.7	12670.4
-20°	746.7	881.3	1091.4	1407.9	1891.7	2590.9	3664.7	4990.0	6318.2	7881.7	9156.8

Classified

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

Scaled Data Report



REPORT NUMBER: P627608 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA5C-722-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°	701.4	818.6	978.5	1210.1	1570.1	2098.3	2761.7	3646.7	4618.0	5515.4	6398.8
-25°	659.4	749.6	879.0	1069.0	1313.2	1673.6	2145.8	2653.5	3293.7	3840.0	4446.2
-27.5°	625.3	702.8	798.3	937.6	1127.0	1358.9	1697.0	2037.2	2373.9	2649.6	3067.0
-30°	592.4	654.8	734.6	834.0	976.0	1154.7	1374.2	1594.8	1789.2	1966.4	2183.7
-32.5°	560.1	610.9	672.1	754.5	856.5	990.8	1125.7	1283.8	1418.9	1543.5	1658.9
-35°	527.8	573.0	619.5	689.1	770.4	865.8	963.9	1071.0	1164.5	1248.4	1322.7
-37.5°	498.5	538.3	582.1	633.8	699.3	771.1	851.3	929.1	990.8	1045.3	1090.4
-40°	473.9	510.0	547.5	588.9	638.8	695.4	763.5	828.3	871.6	904.9	932.2
-42.5°	451.9	483.6	515.6	550.8	589.0	638.1	691.8	745.3	774.7	800.4	820.2
-45°	434.2	458.6	485.5	515.5	549.4	590.4	632.7	669.7	695.8	717.9	734.4
-47.5°	410.8	434.3	457.6	482.4	514.0	548.2	583.1	611.6	634.4	653.7	666.3
-50°	385.0	409.8	431.1	452.9	482.0	511.0	539.1	562.6	584.4	603.3	613.2
-52.5°	358.4	384.9	407.4	428.6	453.0	478.3	503.7	523.8	542.8	560.6	568.1
-55°	339.2	363.6	386.8	406.8	426.9	447.2	467.9	488.8	507.6	524.5	529.5
-57.5°	318.5	343.4	366.3	384.2	402.4	420.7	439.6	458.5	476.6	492.8	496.9
-60°	293.2	320.2	340.5	357.5	375.1	393.2	409.7	426.5	443.4	457.5	462.1
-62.5°	261.0	285.6	305.7	323.6	340.6	356.2	372.3	388.0	403.3	414.4	418.1
-65°	222.5	243.4	264.1	282.8	299.6	314.7	329.5	343.9	357.7	367.5	372.4
-67.5°	192.1	207.1	223.7	239.9	256.8	272.3	285.7	298.3	310.2	318.5	323.7
-70°	162.8	177.1	192.6	208.0	222.7	235.4	246.0	256.4	266.5	273.9	279.4
-72.5°	134.8	146.9	159.9	173.4	186.8	198.3	208.1	217.3	226.1	232.4	237.5
-75°	109.4	119.5	130.4	141.3	152.2	161.3	169.5	177.5	185.2	190.8	195.5
-77.5°	86.8	95.3	103.9	112.5	121.0	127.6	133.6	139.5	145.2	149.6	153.7
-80°	64.3	71.0	77.8	84.7	91.5	96.5	101.1	105.4	109.4	112.0	114.3
-82.5°	44.0	48.6	53.4	58.2	63.1	66.8	70.4	73.9	77.4	78.6	79.5
-85°	28.1	30.4	32.9	35.5	38.3	40.3	42.3	44.2	45.9	47.6	49.1
-87.5°	15.6	16.0	16.5	16.9	17.2	18.7	20.1	21.5	23.0	23.2	23.4
-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: P627608 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA5C-722-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	0.4	1.0
62.5°	4.3	4.6	4.7	4.8	4.7	4.6	4.3	3.9	3.4	3.7	4.3
60°	16.3	14.5	14.2	14.3	14.2	14.5	16.3	17.3	17.4	20.3	21.1
57.5°	72.4	80.5	82.7	80.9	82.7	80.5	72.4	63.7	55.2	54.1	55.2
55°	105.3	107.9	109.0	109.4	109.0	107.9	105.3	101.2	95.0	89.0	84.2
52.5°	129.2	128.3	128.1	128.4	128.1	128.3	129.2	128.7	126.3	120.4	111.2
50°	194.1	190.6	189.2	190.3	189.2	190.6	194.1	193.3	183.3	165.8	151.7
47.5°	248.1	249.2	250.9	252.1	250.9	249.2	248.1	247.0	237.1	218.3	198.2
45°	289.8	292.3	294.1	295.0	294.1	292.3	289.8	285.9	272.3	252.6	230.2
42.5°	332.3	332.6	332.1	333.0	332.1	332.6	332.3	329.0	313.8	293.3	269.8
40°	392.3	393.6	392.3	390.1	392.3	393.6	392.3	387.2	374.6	349.4	322.8
37.5°	512.7	514.4	508.7	504.3	508.7	514.4	512.7	501.8	483.2	449.0	415.1
35°	709.0	729.3	739.0	742.2	739.0	729.3	709.0	681.5	651.3	618.1	539.0
32.5°	934.5	962.8	977.0	989.5	977.0	962.8	934.5	896.8	842.4	767.9	671.6
30°	1257.5	1309.7	1332.7	1365.4	1332.7	1309.7	1257.5	1191.9	1091.7	973.4	837.7
27.5°	1784.6	1876.3	1927.1	1974.3	1927.1	1876.3	1784.6	1671.5	1472.3	1305.5	1079.1
25°	2685.4	2862.1	2976.4	3030.5	2976.4	2862.1	2685.4	2456.5	2141.5	1840.4	1469.2
22.5°	4177.6	4503.4	4754.6	4805.0	4754.6	4503.4	4177.6	3685.6	3177.2	2649.1	2078.0
20°	6494.7	6960.8	7340.0	7530.9	7340.0	6960.8	6494.7	5659.3	4798.3	3903.8	3063.9
17.5°	10765.2	11734.7	12177.6	12250.3	12177.6	11734.7	10765.2	9187.6	7863.1	6346.0	4672.0
15°	17118.4	18759.0	19800.4	20471.0	19800.4	18759.0	17118.4	14423.7	11912.5	9534.8	6925.8
12.5°	24367.2	29029.0	31681.4	32692.8	31681.4	29029.0	24367.2	20118.3	16036.6	12453.1	9186.3
10°	34205.6	45179.8	51510.1	54695.7	51510.1	45179.8	34205.6	27255.0	20730.0	15426.7	11085.6
7.5°	50903.5	67853.3	86633.1	95321.4	86633.1	67853.3	50903.5	34796.0	25665.9	18640.1	13212.9
5°	68457.0	105672.0	138336.0	153977.6	138336.0	105672.0	68457.0	46382.2	30909.2	21495.9	15075.8
2.5°	88632.0	138820.0	185222.8	204734.2	185222.8	138820.0	88632.0	54859.8	34785.7	23195.9	16129.7
0°	96396.6	154857.7	205607.1	224758.0	205607.1	154857.7	96396.6	56684.3	35485.4	23806.0	16322.6
-2.5°	89832.3	141251.3	186020.1	207902.6	186020.1	141251.3	89832.3	54646.6	35102.0	23783.0	16476.6
-5°	71376.4	106254.4	139409.9	157241.2	139409.9	106254.4	71376.4	48095.6	32083.0	22348.2	15614.5
-7.5°	52385.8	71373.1	89786.5	96225.3	89786.5	71373.1	52385.8	37045.3	27128.2	19736.8	14186.2
-10°	36472.1	47344.8	54522.0	56570.1	54522.0	47344.8	36472.1	29129.2	22391.3	16913.7	12300.6
-12.5°	27040.4	31796.1	35105.1	35680.4	35105.1	31796.1	27040.4	22497.3	17841.4	13994.4	10580.0
-15°	20022.7	22441.2	24147.8	24262.7	24147.8	22441.2	20022.7	17273.5	14158.9	11238.1	8499.1
-17.5°	14636.7	16260.1	17121.4	17060.0	17121.4	16260.1	14636.7	12670.4	10824.7	8600.9	6588.1
-20°	10466.1	11444.6	12138.6	12002.9	12138.6	11444.6	10466.1	9156.8	7881.7	6318.2	4990.0



REPORT NUMBER: P627608 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA5C-722-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°	7297.7	7947.3	8353.9	8249.3	8353.9	7947.3	7297.7	6398.8	5515.4	4618.0	3646.7
-25°	4958.7	5312.6	5514.0	5480.5	5514.0	5312.6	4958.7	4446.2	3840.0	3293.7	2653.5
-27.5°	3379.1	3566.0	3628.4	3625.1	3628.4	3566.0	3379.1	3067.0	2649.6	2373.9	2037.2
-30°	2345.4	2471.0	2542.8	2497.6	2542.8	2471.0	2345.4	2183.7	1966.4	1789.2	1594.8
-32.5°	1748.0	1818.9	1859.9	1817.3	1859.9	1818.9	1748.0	1658.9	1543.5	1418.9	1283.8
-35°	1377.6	1413.4	1427.9	1403.4	1427.9	1413.4	1377.6	1322.7	1248.4	1164.5	1071.0
-37.5°	1123.2	1144.2	1151.3	1137.0	1151.3	1144.2	1123.2	1090.4	1045.3	990.8	929.1
-40°	951.7	964.6	967.8	956.2	967.8	964.6	951.7	932.2	904.9	871.6	828.3
-42.5°	832.7	840.4	842.2	837.3	842.2	840.4	832.7	820.2	800.4	774.7	745.3
-45°	744.2	750.8	752.0	746.9	752.0	750.8	744.2	734.4	717.9	695.8	669.7
-47.5°	672.5	676.6	677.6	675.5	677.6	676.6	672.5	666.3	653.7	634.4	611.6
-50°	617.7	620.4	620.7	618.5	620.7	620.4	617.7	613.2	603.3	584.4	562.6
-52.5°	571.7	573.6	575.0	575.6	575.0	573.6	571.7	568.1	560.6	542.8	523.8
-55°	533.0	535.6	537.1	537.6	537.1	535.6	533.0	529.5	524.5	507.6	488.8
-57.5°	500.1	502.5	503.8	504.3	503.8	502.5	500.1	496.9	492.8	476.6	458.5
-60°	465.8	468.6	470.4	471.0	470.4	468.6	465.8	462.1	457.5	443.4	426.5
-62.5°	420.5	421.7	422.9	423.4	422.9	421.7	420.5	418.1	414.4	403.3	388.0
-65°	376.1	378.7	380.1	380.6	380.1	378.7	376.1	372.4	367.5	357.7	343.9
-67.5°	327.9	331.3	334.8	337.8	334.8	331.3	327.9	323.7	318.5	310.2	298.3
-70°	284.3	288.5	289.9	290.2	289.9	288.5	284.3	279.4	273.9	266.5	256.4
-72.5°	242.0	246.0	249.3	252.1	249.3	246.0	242.0	237.5	232.4	226.1	217.3
-75°	199.7	203.4	204.3	204.6	204.3	203.4	199.7	195.5	190.8	185.2	177.5
-77.5°	157.4	160.9	161.6	161.8	161.6	160.9	157.4	153.7	149.6	145.2	139.5
-80°	116.4	118.3	121.1	123.7	121.1	118.3	116.4	114.3	112.0	109.4	105.4
-82.5°	80.1	80.6	80.8	80.9	80.8	80.6	80.1	79.5	78.6	77.4	73.9
-85°	50.6	52.1	52.2	52.3	52.2	52.1	50.6	49.1	47.6	45.9	44.2
-87.5°	23.6	23.7	23.8	23.8	23.8	23.7	23.6	23.4	23.2	23.0	21.5
-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: P627608 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA5C-722-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	0.3
65°	1.2	0.9	0.0	0.0	0.0	0.0	0.3	0.0	0.0	0.2	1.3
62.5°	4.9	5.3	5.4	4.9	3.7	2.3	2.8	3.3	2.3	0.4	1.6
60°	17.9	11.4	16.1	17.7	15.6	11.2	11.4	10.6	8.8	7.0	4.6
57.5°	58.6	56.6	46.5	40.2	38.3	33.9	27.9	22.3	19.6	15.8	11.2
55°	80.9	77.6	72.0	64.4	55.8	53.3	48.4	41.6	34.9	27.0	21.9
52.5°	99.4	100.3	97.1	87.9	80.2	75.1	68.4	61.9	53.9	46.2	36.0
50°	142.0	136.6	131.5	126.2	114.1	102.3	93.9	84.9	73.4	64.8	56.2
47.5°	181.4	173.3	167.9	160.9	147.0	134.6	121.5	108.8	94.3	80.8	72.4
45°	215.0	203.3	192.8	184.1	172.2	157.9	146.3	132.2	115.7	100.1	85.3
42.5°	249.1	231.4	217.2	208.4	194.0	179.3	166.2	155.3	137.5	119.2	104.4
40°	294.5	258.9	245.7	242.2	228.5	205.2	194.1	182.2	163.2	139.3	124.8
37.5°	369.4	321.8	298.4	286.2	273.7	249.5	227.8	212.2	195.1	168.2	147.4
35°	475.5	419.6	368.6	342.3	327.6	294.7	266.1	244.6	224.3	198.7	171.8
32.5°	568.5	505.5	444.7	398.7	365.6	335.3	303.4	276.8	250.1	224.0	197.4
30°	704.4	599.1	515.2	450.4	407.9	370.2	336.4	304.3	274.1	246.6	219.9
27.5°	888.9	720.9	606.9	515.7	452.4	407.5	369.0	331.5	297.1	267.5	240.1
25°	1160.3	891.7	721.3	598.3	506.4	448.8	404.8	361.5	321.3	287.6	264.4
22.5°	1550.2	1183.1	902.4	687.6	585.0	512.2	447.2	392.7	347.0	316.9	289.5
20°	2221.5	1583.8	1168.8	892.9	704.2	587.2	498.4	434.4	387.7	348.9	314.8
17.5°	3369.0	2334.2	1513.4	1149.8	881.3	699.4	571.4	486.3	427.5	381.1	340.4
15°	4775.1	3203.4	2115.6	1481.5	1080.0	792.8	639.9	537.9	468.4	414.8	366.1
12.5°	6239.5	4030.7	2614.4	1733.4	1222.2	892.3	711.7	596.7	509.3	439.2	383.1
10°	7511.7	4880.8	3117.1	2031.1	1382.9	987.9	768.6	633.8	533.7	456.7	397.6
7.5°	8917.3	5750.1	3579.9	2249.0	1515.6	1064.6	807.1	658.7	553.9	471.4	409.5
5°	9958.6	6413.7	3971.3	2447.7	1615.4	1123.0	837.1	676.5	569.7	483.1	418.9
2.5°	10657.3	6875.9	4217.0	2584.5	1677.2	1167.8	861.2	693.3	581.9	494.9	429.4
0°	10875.4	6922.0	4405.3	2668.9	1717.4	1208.4	880.1	708.9	589.9	504.3	437.7
-2.5°	10941.9	7001.4	4386.5	2687.4	1731.3	1230.1	888.1	711.8	596.1	507.8	438.9
-5°	10507.4	6796.2	4288.2	2668.5	1720.8	1229.7	901.5	716.9	599.6	509.0	437.8
-7.5°	9743.8	6352.8	4030.7	2547.6	1671.0	1210.1	911.1	723.7	602.9	512.8	441.2
-10°	8582.7	5641.5	3630.5	2344.8	1588.0	1172.5	902.3	720.0	600.8	512.1	442.0
-12.5°	7414.5	4844.7	3112.1	2060.7	1452.4	1102.9	868.3	705.2	593.3	506.9	439.9
-15°	5931.1	4055.0	2727.8	1865.8	1330.3	1028.1	825.4	682.2	580.6	497.5	435.0
-17.5°	4763.9	3289.5	2234.3	1600.2	1212.6	962.3	792.0	663.4	565.6	487.9	428.2
-20°	3664.7	2590.9	1891.7	1407.9	1091.4	881.3	746.7	635.8	548.3	478.0	421.8

Classified

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

Scaled Data Report



REPORT NUMBER: P627608 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA5C-722-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°	2761.7	2098.3	1570.1	1210.1	978.5	818.6	701.4	605.1	527.4	463.8	413.5
-25°	2145.8	1673.6	1313.2	1069.0	879.0	749.6	659.4	580.8	510.9	449.7	403.5
-27.5°	1697.0	1358.9	1127.0	937.6	798.3	702.8	625.3	555.6	493.0	439.1	393.3
-30°	1374.2	1154.7	976.0	834.0	734.6	654.8	592.4	534.0	476.3	425.4	382.3
-32.5°	1125.7	990.8	856.5	754.5	672.1	610.9	560.1	510.9	456.0	411.4	370.9
-35°	963.9	865.8	770.4	689.1	619.5	573.0	527.8	481.7	437.0	395.5	357.8
-37.5°	851.3	771.1	699.3	633.8	582.1	538.3	498.5	457.9	417.2	379.2	344.4
-40°	763.5	695.4	638.8	588.9	547.5	510.0	473.9	436.4	400.2	362.0	329.9
-42.5°	691.8	638.1	589.0	550.8	515.6	483.6	451.9	419.2	383.7	347.5	313.6
-45°	632.7	590.4	549.4	515.5	485.5	458.6	434.2	401.5	366.8	330.7	296.3
-47.5°	583.1	548.2	514.0	482.4	457.6	434.3	410.8	381.9	345.5	311.5	282.2
-50°	539.1	511.0	482.0	452.9	431.1	409.8	385.0	354.8	323.4	295.5	267.8
-52.5°	503.7	478.3	453.0	428.6	407.4	384.9	358.4	332.3	305.5	279.2	253.8
-55°	467.9	447.2	426.9	406.8	386.8	363.6	339.2	313.3	287.0	262.4	236.4
-57.5°	439.6	420.7	402.4	384.2	366.3	343.4	318.5	293.1	266.1	241.2	216.8
-60°	409.7	393.2	375.1	357.5	340.5	320.2	293.2	267.1	242.1	218.5	194.9
-62.5°	372.3	356.2	340.6	323.6	305.7	285.6	261.0	237.0	215.3	194.8	173.7
-65°	329.5	314.7	299.6	282.8	264.1	243.4	222.5	204.9	188.2	170.8	152.1
-67.5°	285.7	272.3	256.8	239.9	223.7	207.1	192.1	177.0	161.4	145.4	128.7
-70°	246.0	235.4	222.7	208.0	192.6	177.1	162.8	148.7	134.3	120.9	108.0
-72.5°	208.1	198.3	186.8	173.4	159.9	146.9	134.8	123.3	112.0	100.9	89.5
-75°	169.5	161.3	152.2	141.3	130.4	119.5	109.4	100.1	90.6	80.9	71.2
-77.5°	133.6	127.6	121.0	112.5	103.9	95.3	86.8	78.4	70.6	63.3	56.5
-80°	101.1	96.5	91.5	84.7	77.8	71.0	64.3	58.6	53.3	48.4	43.6
-82.5°	70.4	66.8	63.1	58.2	53.4	48.6	44.0	40.5	37.1	33.8	30.6
-85°	42.3	40.3	38.3	35.5	32.9	30.4	28.1	26.1	24.2	22.2	20.1
-87.5°	20.1	18.7	17.2	16.9	16.5	16.0	15.6	14.1	12.7	11.4	10.1
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



REPORT NUMBER: P627608 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA5C-722-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	0.2	0.4	0.1	0.0
72.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.5	1.1	1.0	0.3
70°	0.0	0.0	0.0	0.4	0.5	0.0	0.0	0.6	1.8	2.0	1.5
67.5°	0.0	0.0	0.0	1.0	1.6	1.4	0.3	0.8	1.9	3.1	2.7
65°	1.6	1.1	0.1	1.2	2.4	3.1	2.3	1.4	2.1	3.2	4.0
62.5°	2.8	3.6	2.7	2.0	2.7	3.8	4.4	3.0	2.5	3.4	4.5
60°	3.2	4.3	4.9	3.8	3.4	4.0	4.8	4.4	3.5	3.6	4.7
57.5°	8.4	5.4	5.4	5.2	4.4	4.4	4.8	4.8	4.3	4.0	4.8
55°	15.6	11.4	8.0	6.5	5.4	4.8	4.9	4.8	4.8	4.4	4.8
52.5°	27.0	19.7	14.4	9.8	7.3	5.4	5.4	4.8	4.8	4.7	4.8
50°	43.1	30.9	22.7	16.3	10.2	8.0	6.2	5.6	4.8	4.8	4.8
47.5°	62.9	46.2	33.1	23.9	16.7	10.8	8.5	6.6	4.8	4.8	4.8
45°	77.7	64.5	46.1	33.4	23.5	16.2	11.4	7.8	5.9	5.0	4.8
42.5°	92.1	80.2	62.7	42.7	32.3	22.3	14.6	10.5	7.2	5.3	5.0
40°	110.7	95.7	78.7	58.3	42.0	28.4	19.8	13.5	8.7	6.1	5.3
37.5°	129.7	113.0	94.4	73.2	52.9	37.6	25.1	16.7	11.0	7.7	5.8
35°	151.1	131.1	110.0	87.5	65.9	47.2	30.2	20.5	14.0	9.5	6.4
32.5°	172.8	148.4	124.5	101.4	78.1	56.9	37.4	25.4	16.9	11.3	7.0
30°	193.8	165.6	137.9	114.7	89.7	67.4	46.4	30.8	19.7	13.2	7.9
27.5°	212.8	182.5	150.9	126.5	101.2	77.1	55.5	36.5	22.4	15.3	9.4
25°	232.7	199.5	165.7	137.0	112.2	87.0	63.9	42.7	26.3	17.6	11.0
22.5°	255.4	216.8	180.0	146.5	123.6	96.6	72.0	50.0	31.1	19.7	12.5
20°	279.8	233.8	194.4	160.0	134.3	106.5	80.0	56.7	36.0	21.7	14.0
17.5°	304.7	252.6	211.7	175.4	145.0	115.7	87.7	62.8	40.9	23.7	15.5
15°	321.6	271.3	227.3	189.8	155.6	124.2	94.9	68.3	45.7	25.4	17.0
12.5°	335.8	287.5	241.0	203.2	166.1	132.0	101.6	73.3	50.4	27.9	18.4
10°	348.3	301.1	253.0	215.4	176.2	139.1	107.8	77.7	54.8	30.9	19.7
7.5°	359.1	312.3	263.3	226.4	185.9	146.2	112.9	81.6	58.5	34.0	21.0
5°	368.2	322.0	271.9	233.5	194.8	153.7	117.3	85.0	61.7	37.1	22.0
2.5°	375.4	330.8	279.3	238.7	202.7	160.5	120.9	87.9	64.4	40.1	23.0
0°	380.6	337.8	285.4	242.6	209.3	166.5	123.7	90.4	66.6	42.8	23.8
-2.5°	384.0	338.9	292.0	247.1	213.3	171.5	129.5	93.5	68.4	45.2	25.2
-5°	385.5	338.8	296.9	250.6	216.2	175.4	134.3	96.0	69.7	47.3	26.5
-7.5°	387.6	340.3	299.6	253.3	218.1	178.5	138.1	97.9	70.8	49.0	27.7
-10°	388.5	342.0	300.2	256.6	219.7	180.7	140.5	99.1	71.6	50.3	28.7
-12.5°	387.3	341.8	300.0	258.5	220.4	182.0	141.7	100.9	72.3	51.1	29.6
-15°	384.3	339.8	299.3	258.7	220.3	182.5	142.1	102.6	73.7	51.3	30.3
-17.5°	379.5	335.9	298.2	257.1	219.4	182.3	141.7	103.4	74.5	50.9	31.1
-20°	374.8	332.2	296.6	253.7	217.8	181.3	140.5	103.2	74.5	50.2	31.7

Classified

Cooper Lighting Solutions Photometric Lab
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Scaled Data Report



REPORT NUMBER: P627608 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA5C-722-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°	368.7	328.9	291.4	250.2	215.4	179.6	138.5	102.0	73.6	49.0	32.1
-25°	360.9	323.7	285.4	247.6	212.4	176.2	136.2	99.8	71.9	47.5	32.2
-27.5°	353.1	316.8	279.0	243.8	208.3	172.1	133.1	97.7	69.5	45.6	32.1
-30°	344.0	308.9	273.4	238.8	202.5	166.3	128.8	94.4	66.9	44.6	31.8
-32.5°	334.0	301.0	267.2	231.1	195.2	159.9	123.2	89.9	63.9	44.1	31.4
-35°	324.0	292.2	259.6	221.6	187.4	152.9	117.6	84.2	60.5	43.2	31.0
-37.5°	312.3	281.3	247.3	211.3	179.1	145.4	112.3	81.0	56.7	41.9	30.4
-40°	298.9	268.0	233.3	201.7	170.3	137.4	106.6	78.0	54.3	40.3	29.7
-42.5°	283.9	253.1	222.1	191.9	161.1	130.7	100.7	74.3	53.2	39.0	28.8
-45°	268.5	239.5	211.5	181.8	151.8	123.6	95.7	70.2	51.6	37.9	27.9
-47.5°	254.1	228.1	200.0	170.9	143.7	116.3	90.0	67.5	49.3	36.6	27.0
-50°	241.8	215.5	187.4	159.8	134.2	109.0	84.0	64.0	47.5	35.2	25.8
-52.5°	227.8	201.2	173.8	147.6	124.1	100.7	78.9	59.8	44.8	33.5	24.4
-55°	211.1	184.7	158.5	135.5	113.6	92.9	72.9	55.5	41.5	31.5	22.8
-57.5°	191.6	166.0	144.4	123.6	103.0	84.2	66.2	50.3	38.5	29.2	21.0
-60°	171.6	150.8	131.1	110.7	91.8	74.7	58.6	45.0	35.4	26.7	19.0
-62.5°	153.7	134.8	115.4	96.7	80.2	64.8	50.8	41.0	32.0	24.0	16.8
-65°	133.7	115.7	98.4	83.1	68.4	55.4	45.6	36.6	28.4	21.0	14.8
-67.5°	112.2	97.9	83.3	69.4	58.5	48.9	40.1	31.9	24.5	17.8	13.6
-70°	94.8	81.4	69.4	59.6	50.5	42.1	34.2	27.0	20.4	15.9	12.2
-72.5°	78.2	67.9	58.4	50.0	42.2	34.8	28.0	22.1	17.7	13.9	10.8
-75°	62.3	54.8	47.4	40.1	33.5	27.5	23.0	18.6	15.0	11.8	9.4
-77.5°	49.9	43.3	36.5	31.3	27.2	23.1	18.9	15.0	12.4	10.3	8.1
-80°	38.4	33.8	29.7	26.1	22.4	18.6	15.4	12.6	10.7	8.7	6.8
-82.5°	27.6	25.2	23.0	20.9	18.0	15.3	12.9	10.7	8.9	7.2	5.3
-85°	18.8	17.7	16.6	15.6	13.7	11.8	9.8	8.0	6.3	4.9	3.6
-87.5°	9.7	9.2	8.7	8.2	7.0	5.9	4.9	4.0	3.2	2.4	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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REPORT NUMBER: P627608 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA5C-722-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	0.2	0.0
82.5°	0.0	0.0	0.0	0.0	0.0	0.3	0.0
80°	0.0	0.0	0.0	0.0	0.0	0.4	0.0
77.5°	0.0	0.1	0.0	0.0	0.0	0.5	0.0
75°	0.1	0.4	0.1	0.0	0.1	0.6	0.0
72.5°	0.3	0.7	0.5	0.0	0.1	0.8	0.0
70°	0.6	1.1	1.0	0.1	0.2	0.9	0.0
67.5°	1.7	1.5	1.4	0.6	0.3	1.0	0.0
65°	2.8	2.1	1.9	1.0	0.4	1.1	0.0
62.5°	3.8	2.7	2.5	1.5	0.5	1.2	0.0
60°	4.7	3.3	3.0	2.0	0.6	1.4	0.0
57.5°	4.8	3.9	3.4	2.5	1.0	1.5	0.0
55°	4.8	4.4	3.7	3.0	1.4	1.6	0.0
52.5°	4.8	4.8	4.0	3.6	1.8	1.8	0.0
50°	4.8	4.8	4.2	4.1	2.2	1.9	0.0
47.5°	4.8	4.8	4.4	4.5	2.5	2.0	0.0
45°	4.8	4.8	4.6	4.7	2.8	2.2	0.0
42.5°	4.8	4.8	4.8	4.8	3.1	2.3	0.0
40°	4.8	4.8	4.8	4.8	3.4	2.5	0.0
37.5°	4.8	4.8	4.8	4.8	3.6	2.6	0.0
35°	4.8	4.8	4.8	4.8	3.8	2.8	0.0
32.5°	4.9	4.8	4.8	4.8	4.0	3.0	0.0
30°	5.4	4.8	4.8	4.8	4.2	3.1	0.0
27.5°	6.0	4.8	4.8	4.8	4.3	3.3	0.0
25°	6.5	4.8	4.8	4.8	4.4	3.4	0.0
22.5°	7.1	4.9	4.8	4.8	4.5	3.6	0.0
20°	7.7	5.2	4.8	4.8	4.6	3.7	0.0
17.5°	8.5	5.7	4.8	4.8	4.7	3.9	0.0
15°	9.5	6.1	4.8	4.8	4.7	4.0	0.0
12.5°	10.4	6.7	4.8	4.8	4.8	4.2	0.0
10°	11.3	7.2	4.8	4.8	4.8	4.3	0.0
7.5°	12.1	7.8	4.8	4.8	4.8	4.4	0.0
5°	12.9	8.4	4.8	4.8	4.8	4.6	0.0
2.5°	13.6	9.0	4.8	4.8	4.8	4.7	0.0
0°	14.3	9.5	4.8	4.8	4.8	4.8	0.0
-2.5°	15.5	10.0	5.2	4.8	4.8	4.8	0.0
-5°	16.7	10.5	5.6	4.8	4.8	4.8	0.0
-7.5°	17.8	10.9	6.0	4.8	4.8	4.8	0.0
-10°	18.7	11.3	6.3	4.8	4.8	4.7	0.0
-12.5°	19.5	11.6	6.7	4.8	4.8	4.7	0.0
-15°	20.1	11.8	6.9	4.8	4.8	4.6	0.0
-17.5°	20.5	12.0	7.1	4.8	4.8	4.6	0.0
-20°	20.7	12.2	7.3	4.8	4.8	4.5	0.0

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CATALOG NUMBER: GFLD-SA5C-722-U-NR-VSR-XX

CANDELA DISTRIBUTION (continued):

	75°	77.5°	80°	82.5°	85°	87.5°	90°
-22.5°	21.0	12.3	7.3	4.8	4.8	4.4	0.0
-25°	21.1	12.6	7.3	4.8	4.8	4.4	0.0
-27.5°	21.1	12.9	7.2	4.8	4.8	4.3	0.0
-30°	21.0	13.1	7.0	4.8	4.8	4.2	0.0
-32.5°	20.8	13.2	7.0	4.8	4.8	4.0	0.0
-35°	20.7	13.2	6.9	4.8	4.8	3.9	0.0
-37.5°	20.6	13.1	6.7	4.8	4.8	3.8	0.0
-40°	20.4	12.8	6.5	4.8	4.8	3.7	0.0
-42.5°	19.9	12.4	6.5	4.8	4.8	3.5	0.0
-45°	19.3	11.9	6.6	5.0	4.8	3.4	0.0
-47.5°	18.5	11.3	6.7	5.1	4.8	3.2	0.0
-50°	17.6	10.6	6.8	5.1	4.8	3.1	0.0
-52.5°	16.5	9.7	6.8	5.2	4.8	2.9	0.0
-55°	15.2	9.5	6.8	5.2	4.8	2.8	0.0
-57.5°	13.8	9.2	6.7	5.2	4.8	2.6	0.0
-60°	12.4	8.9	6.5	5.2	4.8	2.4	0.0
-62.5°	11.7	8.5	6.3	5.1	4.4	2.2	0.0
-65°	11.0	8.1	6.1	5.0	4.1	2.0	0.0
-67.5°	10.2	7.6	5.8	4.9	3.7	1.8	0.0
-70°	9.2	7.0	5.5	4.8	3.3	1.6	0.0
-72.5°	8.2	6.4	5.2	4.3	2.9	1.4	0.0
-75°	7.2	5.7	4.9	3.7	2.5	1.2	0.0
-77.5°	6.1	5.1	4.1	3.1	2.1	1.0	0.0
-80°	4.9	4.1	3.3	2.5	1.7	0.8	0.0
-82.5°	3.7	3.1	2.5	1.9	1.3	0.6	0.0
-85°	2.5	2.1	1.7	1.3	0.8	0.4	0.0
-87.5°	1.2	1.0	0.8	0.6	0.4	0.2	0.0
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0

(END OF REPORT)