

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: P626865 (CONVERTED FROM TYPE C PHOTOMETRY)

Luminaire Tested: **GFLD-SA2B-740-U-MR-XX**

Issue Date: 12/7/2022

Test Information

Test Method: LM-79-08
Report Number: P626865 (CONVERTED FROM TYPE C PHOTOMETRY)
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G2-2210-813-13)
Test Lab: COOPER LIGHTING SOLUTIONS
Issue Date: 12/7/2022
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: MCGRAW-EDISON
Catalog Number: GFLD-SA2B-740-U-MR-XX
Description: GALLEON FLOOD, TWO LIGHT SQAURE, MEDIUM SYMMETRICAL ROUND N50
Light Source: (32) 4000K CCT, 70 CRI LEDS
Ballast/Driver: -

Summary

Lumens per Lamp: N/A
Luminaire Lumens: 9909.3 lumens
Efficiency: N/A
Efficacy: 155.8 lumens/watt
Luminous Opening: Rectangular (W 1' x L: 0.5' x H: 0')

NEMA Type: 4H x 4V
Max Intensity: 31716.6 candela
Max Intensity Angle: 0°H x 0°V

Beam Angle (50%): 28.8°H x 29°V
Beam Lumens: 4817.8 lumens
Beam Efficiency: 48.6%

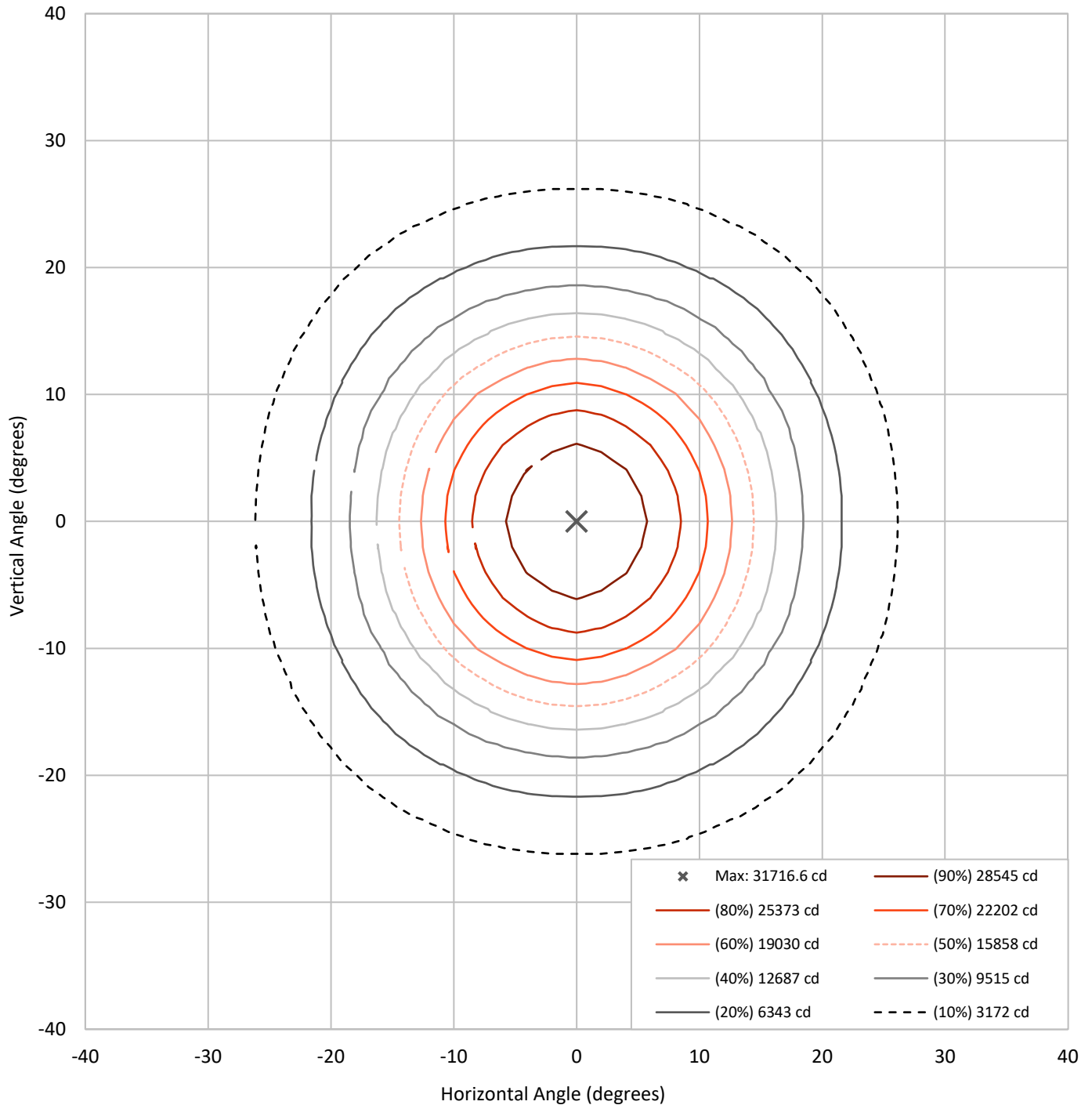
Field Angle (10%): 52.3°H x 52.3°V
Field Lumens: 8130.5 lumens
Field Efficiency: 82.0%

Input Watts (W): 63.6
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: P626865 (CONVERTED FROM TYPE C PHOTOMETRY)
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Iso-Candela Plot





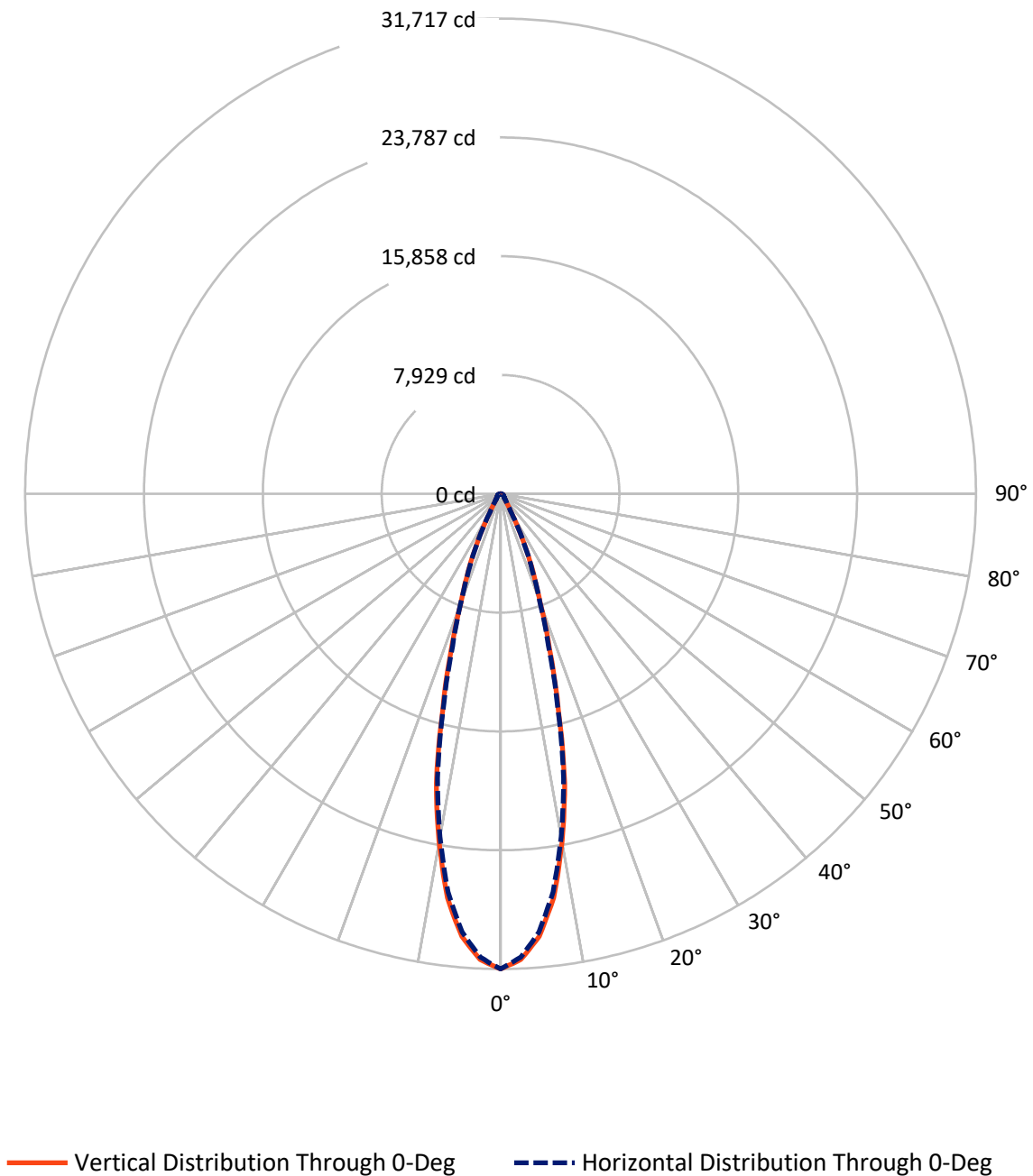
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Lumen Table

90	0.2	1.6	4.3	6.8	7.6	6.8	4.3	1.6	0.2							
80	0.2	1.6	4.3	6.8	7.6	6.8	4.3	1.6	0.2							
70	0.7	0.9	1.7	2.8	3.9	4.8	5.4	5.6	5.6	5.4	4.8	3.9	2.8	1.7	0.9	0.7
60		1.3	2.6	4.1	5.5	6.8	7.6	7.9	7.9	7.6	6.8	5.5	4.1	2.6	1.3	
50	1.3	1.6	3.3	5.1	6.8	8.6	10.1	10.8	10.8	10.1	8.6	6.8	5.1	3.3	1.6	1.3
40		1.9	3.8	5.9	8.3	11.9	17.2	22.3	22.3	17.2	11.9	8.3	5.9	3.8	1.9	
30	1.7	2.1	4.2	6.6	10.7	23.2	65.2	115.7	115.7	65.2	23.2	10.7	6.6	4.2	2.1	1.7
20		2.3	4.4	7.2	14.5	60.8	216.8	415.4	415.4	216.8	60.8	14.5	7.2	4.4	2.3	
10	1.8	2.4	4.5	7.6	18.4	105.0	401.2	789.2	789.2	401.2	105.0	18.4	7.6	4.5	2.4	1.8
0		2.4	4.5	7.6	18.4	105.0	401.2	789.2	789.2	401.2	105.0	18.4	7.6	4.5	2.4	
-10	1.7	2.3	4.4	7.2	14.5	60.8	216.8	415.4	415.4	216.8	60.8	14.5	7.2	4.4	2.3	1.7
-20		2.1	4.2	6.6	10.7	23.2	65.2	115.7	115.7	65.2	23.2	10.7	6.6	4.2	2.1	
-30	1.3	1.9	3.8	5.9	8.3	11.9	17.2	22.3	22.3	17.2	11.9	8.3	5.9	3.8	1.9	1.3
-40		1.6	3.3	5.1	6.8	8.6	10.1	10.8	10.8	10.1	8.6	6.8	5.1	3.3	1.6	
-50	0.7	1.3	2.6	4.1	5.5	6.8	7.6	7.9	7.9	7.6	6.8	5.5	4.1	2.6	1.3	0.7
-60		0.9	1.7	2.8	3.9	4.8	5.4	5.6	5.6	5.4	4.8	3.9	2.8	1.7	0.9	
-70	0.2	1.6	4.3	6.8	7.6	6.8	4.3	1.6	0.2							
-80		0.2	1.6	4.3	6.8	7.6	6.8	4.3	1.6	0.2						
-90	0.2	1.6	4.3	6.8	7.6	6.8	4.3	1.6	0.2							

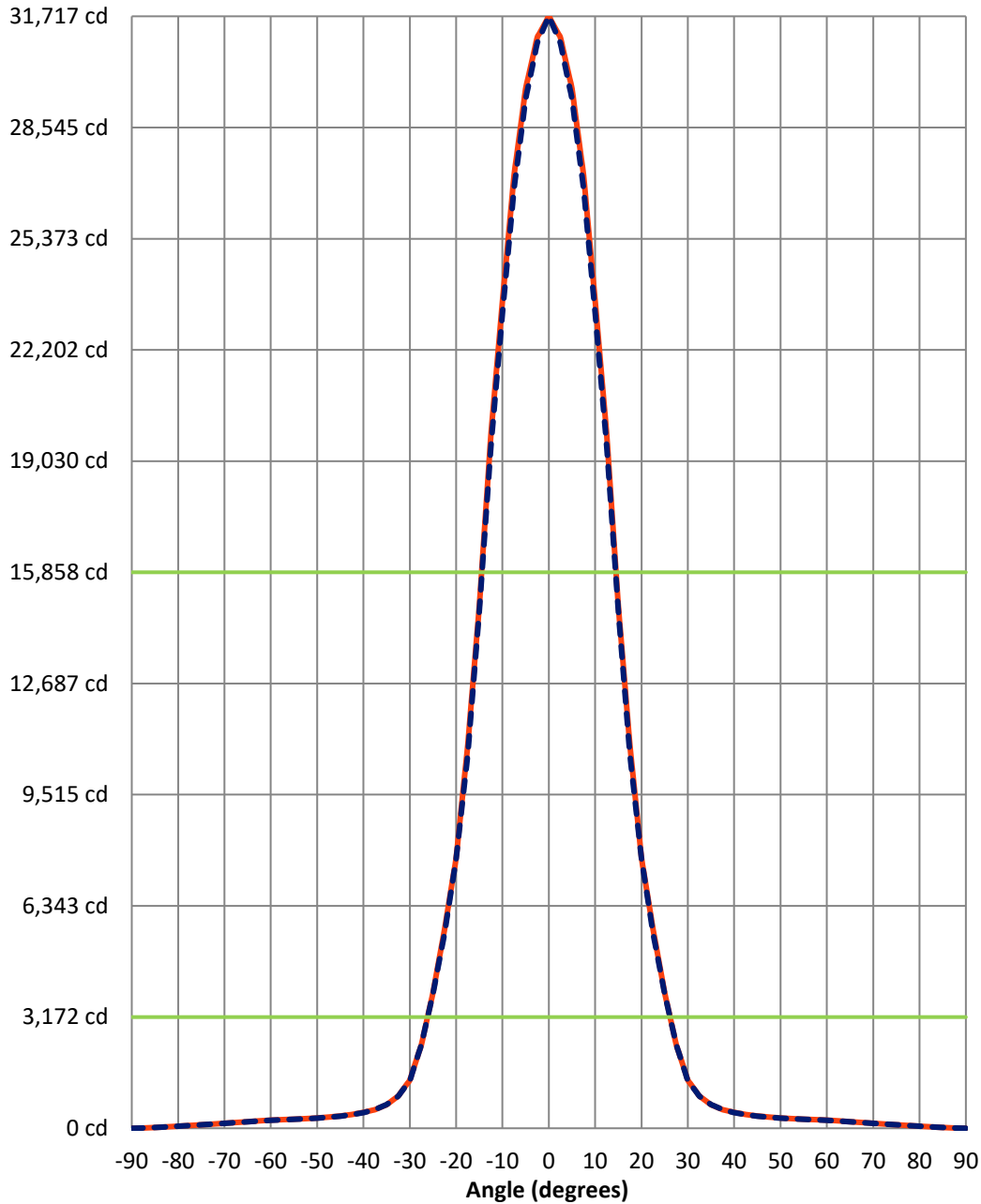
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Luminous Intensity Polar Plot



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Luminous Intensity Plot



Beam:
 H Angle: 28.8°
 V Angle: 29°
 Lumens: 4817.8
 Efficiency: 48.6%

Field:
 H Angle: 52.3°
 V Angle: 52.3°
 Lumens: 8130.5
 Efficiency: 82.0%

Spill:
 Lumens: 1778.9
 Efficiency: 18.0%

— 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	0.4	0.7	1.1	1.4	1.8	2.1	2.4	2.8	3.1	3.4
85°	0.0	0.7	1.4	2.1	2.8	3.5	4.2	4.9	5.5	6.2	6.8
82.5°	0.0	1.1	2.1	3.2	4.2	5.2	6.3	7.3	8.5	10.4	12.4
80°	0.0	1.4	2.8	4.2	5.6	7.0	8.5	11.0	13.6	16.3	19.2
77.5°	0.0	1.8	3.5	5.2	7.0	9.2	12.2	15.4	18.7	22.2	26.1
75°	0.0	2.1	4.2	6.3	8.5	12.2	15.8	19.6	23.9	28.8	33.7
72.5°	0.0	2.4	4.9	7.3	10.9	15.1	19.3	24.1	29.9	35.5	41.1
70°	0.0	2.8	5.5	8.4	13.3	18.1	23.0	29.3	35.8	42.2	49.1
67.5°	0.0	3.1	6.2	10.2	15.6	21.0	27.4	34.4	41.6	49.4	57.1
65°	0.0	3.4	6.8	11.9	17.9	24.2	31.8	39.4	48.0	56.6	65.2
62.5°	0.0	3.7	7.5	13.6	20.1	27.8	36.0	44.8	54.2	63.7	73.6
60°	0.0	4.0	8.1	15.2	22.3	31.3	40.2	50.1	60.3	70.8	81.6
57.5°	0.0	4.4	9.2	16.8	25.0	34.7	44.6	55.4	66.4	77.8	89.7
55°	0.0	4.6	10.2	18.4	27.6	38.0	48.9	60.4	72.3	84.5	97.5
52.5°	0.0	4.9	11.2	19.9	30.2	41.3	53.1	65.4	77.9	91.4	105.2
50°	0.0	5.2	12.2	21.3	32.7	44.5	57.1	70.1	83.4	98.1	112.2
47.5°	0.0	5.5	13.1	22.8	35.1	47.7	60.9	74.7	89.1	104.5	118.9
45°	0.0	5.7	14.0	24.6	37.4	50.7	64.6	79.1	94.6	110.1	125.2
42.5°	0.0	6.0	14.9	26.2	39.6	53.5	68.2	83.5	99.8	115.5	131.0
40°	0.0	6.2	15.7	27.8	41.8	56.2	71.7	87.8	104.6	120.5	136.5
37.5°	0.0	6.4	16.5	29.2	43.8	58.7	75.0	91.8	108.9	125.3	141.7
35°	0.0	6.6	17.2	30.6	45.7	61.2	78.0	95.6	112.9	129.8	146.6
32.5°	0.0	6.8	17.9	31.9	47.5	63.6	81.0	99.0	116.6	134.0	151.3
30°	0.0	7.0	18.6	33.0	49.1	65.8	83.7	102.2	120.1	137.9	155.7
27.5°	0.0	7.2	19.2	34.1	50.6	67.9	86.2	104.9	123.3	141.6	159.8
25°	0.0	7.3	19.7	35.0	52.0	69.8	88.5	107.5	126.2	144.9	163.5
22.5°	0.0	7.5	20.2	35.8	53.2	71.5	90.6	109.7	128.8	147.8	167.2
20°	0.0	7.6	20.7	36.6	54.4	73.0	92.3	111.7	131.1	150.5	170.5
17.5°	0.0	7.7	21.1	37.2	55.4	74.2	94.0	113.5	133.2	152.8	173.4
15°	0.0	7.8	21.4	37.7	56.4	75.3	95.5	115.1	134.9	154.7	175.8
12.5°	0.0	7.9	21.7	38.1	57.1	76.2	96.7	116.6	136.5	156.3	177.9
10°	0.0	8.0	22.0	38.5	57.8	76.8	97.8	117.9	137.9	158.2	179.7
7.5°	0.0	8.0	22.2	38.7	58.3	77.2	98.7	118.8	139.0	159.9	181.8
5°	0.0	8.1	22.3	38.8	58.7	77.5	99.3	119.5	139.9	161.3	183.4
2.5°	0.0	8.1	22.4	38.8	58.9	77.5	99.7	120.0	140.3	162.3	184.6
0°	0.0	8.1	22.4	38.7	59.0	77.4	99.8	120.1	140.5	162.9	185.3
-2.5°	0.0	8.1	22.4	38.8	58.9	77.5	99.7	120.0	140.3	162.3	184.6
-5°	0.0	8.1	22.3	38.8	58.7	77.5	99.3	119.5	139.9	161.3	183.4
-7.5°	0.0	8.0	22.2	38.7	58.3	77.2	98.7	118.8	139.0	159.9	181.8
-10°	0.0	8.0	22.0	38.5	57.8	76.8	97.8	117.9	137.9	158.2	179.7
-12.5°	0.0	7.9	21.7	38.1	57.1	76.2	96.7	116.6	136.5	156.3	177.9
-15°	0.0	7.8	21.4	37.7	56.4	75.3	95.5	115.1	134.9	154.7	175.8
-17.5°	0.0	7.7	21.1	37.2	55.4	74.2	94.0	113.5	133.2	152.8	173.4
-20°	0.0	7.6	20.7	36.6	54.4	73.0	92.3	111.7	131.1	150.5	170.5

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Scaled Data Report



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CATALOG NUMBER: GFLD-SA2B-740-U-MR-XX

CANDELA DISTRIBUTION (continued):

	-90°	-87.5°	-85°	-82.5°	-80°	-77.5°	-75°	-72.5°	-70°	-67.5°	-65°
-22.5°	0.0	7.5	20.2	35.8	53.2	71.5	90.6	109.7	128.8	147.8	167.2
-25°	0.0	7.3	19.7	35.0	52.0	69.8	88.5	107.5	126.2	144.9	163.5
-27.5°	0.0	7.2	19.2	34.1	50.6	67.9	86.2	104.9	123.3	141.6	159.8
-30°	0.0	7.0	18.6	33.0	49.1	65.8	83.7	102.2	120.1	137.9	155.7
-32.5°	0.0	6.8	17.9	31.9	47.5	63.6	81.0	99.0	116.6	134.0	151.3
-35°	0.0	6.6	17.2	30.6	45.7	61.2	78.0	95.6	112.9	129.8	146.6
-37.5°	0.0	6.4	16.5	29.2	43.8	58.7	75.0	91.8	108.9	125.3	141.7
-40°	0.0	6.2	15.7	27.8	41.8	56.2	71.7	87.8	104.6	120.5	136.5
-42.5°	0.0	6.0	14.9	26.2	39.6	53.5	68.2	83.5	99.8	115.5	131.0
-45°	0.0	5.7	14.0	24.6	37.4	50.7	64.6	79.1	94.6	110.1	125.2
-47.5°	0.0	5.5	13.1	22.8	35.1	47.7	60.9	74.7	89.1	104.5	118.9
-50°	0.0	5.2	12.2	21.3	32.7	44.5	57.1	70.1	83.4	98.1	112.2
-52.5°	0.0	4.9	11.2	19.9	30.2	41.3	53.1	65.4	77.9	91.4	105.2
-55°	0.0	4.6	10.2	18.4	27.6	38.0	48.9	60.4	72.3	84.5	97.5
-57.5°	0.0	4.4	9.2	16.8	25.0	34.7	44.6	55.4	66.4	77.8	89.7
-60°	0.0	4.0	8.1	15.2	22.3	31.3	40.2	50.1	60.3	70.8	81.6
-62.5°	0.0	3.7	7.5	13.6	20.1	27.8	36.0	44.8	54.2	63.7	73.6
-65°	0.0	3.4	6.8	11.9	17.9	24.2	31.8	39.4	48.0	56.6	65.2
-67.5°	0.0	3.1	6.2	10.2	15.6	21.0	27.4	34.4	41.6	49.4	57.1
-70°	0.0	2.8	5.5	8.4	13.3	18.1	23.0	29.3	35.8	42.2	49.1
-72.5°	0.0	2.4	4.9	7.3	10.9	15.1	19.3	24.1	29.9	35.5	41.1
-75°	0.0	2.1	4.2	6.3	8.5	12.2	15.8	19.6	23.9	28.8	33.7
-77.5°	0.0	1.8	3.5	5.2	7.0	9.2	12.2	15.4	18.7	22.2	26.1
-80°	0.0	1.4	2.8	4.2	5.6	7.0	8.5	11.0	13.6	16.3	19.2
-82.5°	0.0	1.1	2.1	3.2	4.2	5.2	6.3	7.3	8.5	10.4	12.4
-85°	0.0	0.7	1.4	2.1	2.8	3.5	4.2	4.9	5.5	6.2	6.8
-87.5°	0.0	0.4	0.7	1.1	1.4	1.8	2.1	2.4	2.8	3.1	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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CATALOG NUMBER: GFLD-SA2B-740-U-MR-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°	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	9.3	10.5	11.6	12.7	13.8	14.8	15.8	16.8	17.7
82.5°	14.3	16.2	18.0	19.8	21.5	23.2	24.8	26.3	27.8	29.2	30.6
80°	21.8	24.3	26.8	29.1	31.4	33.6	35.7	37.8	39.8	41.9	44.1
77.5°	29.7	32.9	35.8	38.4	41.3	44.8	48.1	51.3	54.4	57.4	60.2
75°	37.9	41.5	45.4	49.4	53.5	57.6	61.7	65.6	69.4	73.2	77.1
72.5°	46.4	51.3	56.1	60.8	66.0	71.0	75.6	79.8	84.6	89.9	94.8
70°	55.5	61.2	67.2	73.2	79.0	84.7	90.4	96.2	102.1	107.7	113.2
67.5°	64.6	71.7	78.7	85.5	92.2	98.9	105.7	112.7	119.4	125.9	132.1
65°	74.3	82.3	90.1	97.7	105.1	113.3	121.4	129.2	137.7	145.6	152.5
62.5°	83.7	92.7	101.3	109.9	118.9	128.0	137.4	147.2	157.3	164.7	171.0
60°	92.8	102.9	112.5	122.4	132.4	142.7	153.5	163.9	173.2	181.2	187.8
57.5°	101.7	113.0	123.7	134.4	145.3	157.0	168.9	179.5	188.2	195.8	203.1
55°	110.3	122.8	134.2	145.6	158.0	171.7	183.8	193.5	202.3	208.6	215.6
52.5°	118.5	131.9	143.8	156.5	170.7	185.0	197.0	206.4	213.8	220.4	227.2
50°	126.3	139.8	153.0	167.4	182.5	196.8	209.0	217.6	225.0	231.9	238.4
47.5°	133.4	147.4	162.3	177.8	193.5	207.6	219.3	228.1	235.8	242.9	250.1
45°	140.1	155.1	170.9	187.9	204.1	218.0	228.7	238.1	245.5	253.4	262.5
42.5°	146.4	162.5	179.7	197.9	214.3	227.0	237.4	246.4	255.0	264.5	274.6
40°	152.7	169.4	188.1	207.1	223.8	234.9	245.3	254.8	264.7	275.6	286.6
37.5°	158.5	176.6	195.9	215.7	230.9	242.4	253.1	263.8	274.9	286.6	300.1
35°	163.9	183.1	203.3	222.5	237.1	249.6	261.1	272.7	285.1	299.3	314.3
32.5°	169.2	189.0	210.3	228.3	242.8	256.2	268.8	281.9	296.1	311.8	329.0
30°	174.3	194.9	216.3	234.2	247.8	261.5	276.4	290.9	306.7	324.1	344.3
27.5°	179.3	200.2	221.4	238.8	252.3	266.2	282.1	299.8	317.1	336.2	359.5
25°	183.9	205.8	226.4	242.4	256.1	270.7	287.3	306.1	326.4	349.1	377.8
22.5°	188.2	210.8	231.2	245.5	259.2	274.6	292.4	312.4	334.5	360.7	395.8
20°	192.3	214.7	234.4	248.4	261.8	277.7	296.9	317.9	343.1	375.0	416.8
17.5°	195.8	218.0	236.6	250.7	264.6	280.9	300.7	322.6	351.0	387.6	437.0
15°	198.9	220.7	238.5	252.5	266.9	284.2	304.6	328.5	359.5	399.9	454.5
12.5°	201.4	222.8	240.1	253.8	268.8	286.7	308.0	334.1	368.1	413.3	478.1
10°	203.3	224.3	241.3	254.6	270.0	288.3	310.6	338.5	375.0	424.5	498.2
7.5°	205.2	225.7	242.2	255.0	270.8	289.1	312.4	341.6	380.0	432.9	514.3
5°	206.6	227.0	242.7	255.7	271.3	289.4	313.6	343.4	383.2	438.5	525.7
2.5°	207.4	227.7	242.7	256.3	271.3	289.6	315.1	344.5	386.7	443.2	532.1
0°	207.7	228.0	242.3	256.5	270.8	289.1	315.6	344.1	388.8	445.9	533.4
-2.5°	207.4	227.7	242.7	256.3	271.3	289.6	315.1	344.5	386.7	443.2	532.1
-5°	206.6	227.0	242.7	255.7	271.3	289.4	313.6	343.4	383.2	438.5	525.7
-7.5°	205.2	225.7	242.2	255.0	270.8	289.1	312.4	341.6	380.0	432.9	514.3
-10°	203.3	224.3	241.3	254.6	270.0	288.3	310.6	338.5	375.0	424.5	498.2
-12.5°	201.4	222.8	240.1	253.8	268.8	286.7	308.0	334.1	368.1	413.3	478.1
-15°	198.9	220.7	238.5	252.5	266.9	284.2	304.6	328.5	359.5	399.9	454.5
-17.5°	195.8	218.0	236.6	250.7	264.6	280.9	300.7	322.6	351.0	387.6	437.0
-20°	192.3	214.7	234.4	248.4	261.8	277.7	296.9	317.9	343.1	375.0	416.8

Classified

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

Scaled Data Report



REPORT NUMBER: P626865 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA2B-740-U-MR-XX

CANDELA DISTRIBUTION (continued):

	-62.5°	-60°	-57.5°	-55°	-52.5°	-50°	-47.5°	-45°	-42.5°	-40°	-37.5°
-22.5°	188.2	210.8	231.2	245.5	259.2	274.6	292.4	312.4	334.5	360.7	395.8
-25°	183.9	205.8	226.4	242.4	256.1	270.7	287.3	306.1	326.4	349.1	377.8
-27.5°	179.3	200.2	221.4	238.8	252.3	266.2	282.1	299.8	317.1	336.2	359.5
-30°	174.3	194.9	216.3	234.2	247.8	261.5	276.4	290.9	306.7	324.1	344.3
-32.5°	169.2	189.0	210.3	228.3	242.8	256.2	268.8	281.9	296.1	311.8	329.0
-35°	163.9	183.1	203.3	222.5	237.1	249.6	261.1	272.7	285.1	299.3	314.3
-37.5°	158.5	176.6	195.9	215.7	230.9	242.4	253.1	263.8	274.9	286.6	300.1
-40°	152.7	169.4	188.1	207.1	223.8	234.9	245.3	254.8	264.7	275.6	286.6
-42.5°	146.4	162.5	179.7	197.9	214.3	227.0	237.4	246.4	255.0	264.5	274.6
-45°	140.1	155.1	170.9	187.9	204.1	218.0	228.7	238.1	245.5	253.4	262.5
-47.5°	133.4	147.4	162.3	177.8	193.5	207.6	219.3	228.1	235.8	242.9	250.1
-50°	126.3	139.8	153.0	167.4	182.5	196.8	209.0	217.6	225.0	231.9	238.4
-52.5°	118.5	131.9	143.8	156.5	170.7	185.0	197.0	206.4	213.8	220.4	227.2
-55°	110.3	122.8	134.2	145.6	158.0	171.7	183.8	193.5	202.3	208.6	215.6
-57.5°	101.7	113.0	123.7	134.4	145.3	157.0	168.9	179.5	188.2	195.8	203.1
-60°	92.8	102.9	112.5	122.4	132.4	142.7	153.5	163.9	173.2	181.2	187.8
-62.5°	83.7	92.7	101.3	109.9	118.9	128.0	137.4	147.2	157.3	164.7	171.0
-65°	74.3	82.3	90.1	97.7	105.1	113.3	121.4	129.2	137.7	145.6	152.5
-67.5°	64.6	71.7	78.7	85.5	92.2	98.9	105.7	112.7	119.4	125.9	132.1
-70°	55.5	61.2	67.2	73.2	79.0	84.7	90.4	96.2	102.1	107.7	113.2
-72.5°	46.4	51.3	56.1	60.8	66.0	71.0	75.6	79.8	84.6	89.9	94.8
-75°	37.9	41.5	45.4	49.4	53.5	57.6	61.7	65.6	69.4	73.2	77.1
-77.5°	29.7	32.9	35.8	38.4	41.3	44.8	48.1	51.3	54.4	57.4	60.2
-80°	21.8	24.3	26.8	29.1	31.4	33.6	35.7	37.8	39.8	41.9	44.1
-82.5°	14.3	16.2	18.0	19.8	21.5	23.2	24.8	26.3	27.8	29.2	30.6
-85°	7.5	8.1	9.3	10.5	11.6	12.7	13.8	14.8	15.8	16.8	17.7
-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: P626865 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA2B-740-U-MR-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	6.8	7.0	7.2	7.3	7.5	7.6	7.7	7.8	7.9	8.0
85°	18.5	19.3	20.0	20.7	21.3	21.5	21.6	21.5	21.4	21.7	22.0
82.5°	31.8	33.3	34.7	36.2	37.6	38.1	38.4	38.7	38.8	39.4	39.9
80°	46.2	48.5	50.6	52.5	54.2	55.3	56.4	57.4	58.3	58.7	58.9
77.5°	63.0	65.7	68.3	70.7	72.9	74.6	76.0	77.1	77.9	78.5	78.9
75°	81.0	84.5	87.6	90.4	93.1	94.9	96.2	97.1	97.7	98.4	99.0
72.5°	99.2	103.1	106.8	110.2	113.3	115.4	116.9	118.1	119.0	119.7	120.0
70°	118.3	123.0	127.0	130.5	133.2	135.3	136.9	138.1	139.1	139.8	140.2
67.5°	138.1	143.1	146.9	149.9	152.4	154.5	156.5	158.0	159.0	159.9	161.0
65°	158.2	163.4	167.3	170.5	173.0	175.8	178.4	180.3	181.5	182.7	183.9
62.5°	177.2	183.1	187.5	191.7	195.9	200.0	202.3	204.1	205.4	206.5	207.8
60°	194.4	201.0	206.5	211.6	216.8	222.0	224.1	225.8	227.4	228.9	230.3
57.5°	209.7	216.7	223.4	228.4	233.4	238.2	241.6	243.5	244.7	245.4	246.0
55°	223.1	230.0	236.7	242.5	247.9	252.9	256.6	258.4	259.8	260.6	261.1
52.5°	235.0	242.5	249.6	256.0	261.8	267.2	271.9	274.4	276.4	277.8	278.3
50°	246.7	254.8	262.5	269.4	276.2	282.6	288.5	292.0	294.4	295.9	296.3
47.5°	258.9	267.7	276.1	284.1	291.7	299.4	306.4	311.1	314.6	317.1	319.0
45°	271.7	281.2	290.4	299.7	308.6	318.4	327.4	334.2	339.3	343.6	347.2
42.5°	284.5	295.1	305.7	317.8	329.9	341.1	351.7	360.8	369.0	377.1	383.4
40°	298.5	310.1	324.6	338.9	353.8	366.9	382.3	396.2	408.9	422.6	434.0
37.5°	313.7	328.6	345.8	363.0	382.4	401.1	422.7	444.0	462.5	486.6	505.9
35°	330.3	349.2	369.5	392.6	417.5	446.9	477.1	512.6	542.8	581.0	616.3
32.5°	348.8	371.0	397.3	429.0	462.7	509.9	554.3	614.4	665.8	732.2	804.7
30°	367.5	396.3	432.1	473.1	530.0	597.1	675.2	776.9	887.0	1000.8	1154.0
27.5°	389.8	427.2	471.9	535.2	620.3	713.1	824.4	1044.4	1284.0	1473.7	1811.5
25°	413.9	460.1	526.1	617.8	735.4	923.3	1192.2	1503.5	1983.0	2409.4	2899.5
22.5°	442.3	505.1	592.4	712.5	917.6	1240.9	1660.5	2299.9	3010.6	3712.1	4353.3
20°	472.4	548.2	670.3	866.0	1183.0	1650.4	2399.2	3312.7	4256.2	5217.6	6027.8
17.5°	507.6	610.5	771.3	1031.2	1483.5	2283.7	3283.8	4445.4	5678.2	6904.9	7970.5
15°	537.8	664.9	881.6	1270.7	1945.2	2946.0	4175.3	5642.4	7192.7	8784.7	10510.1
12.5°	576.3	730.6	995.1	1468.8	2354.8	3655.7	5159.8	6863.2	8756.2	10870.0	13560.0
10°	611.7	799.4	1144.5	1786.1	2847.3	4318.7	6010.3	7942.8	10398.2	13574.8	16819.5
7.5°	640.0	854.0	1260.3	2033.8	3260.3	4885.0	6775.9	9093.0	12156.3	15938.9	19646.2
5°	659.7	891.8	1343.2	2220.9	3592.5	5317.8	7319.3	9940.9	13638.2	17874.0	21659.5
2.5°	672.1	912.5	1383.8	2332.0	3809.2	5578.3	7658.4	10479.8	14546.4	19105.8	22938.5
0°	677.9	916.1	1357.9	2386.0	3839.6	5559.9	7689.4	10659.7	14762.0	19440.4	23257.6
-2.5°	672.1	912.5	1383.8	2332.0	3809.2	5578.3	7658.4	10479.8	14546.4	19105.8	22938.5
-5°	659.7	891.8	1343.2	2220.9	3592.5	5317.8	7319.3	9940.9	13638.2	17874.0	21659.5
-7.5°	640.0	854.0	1260.3	2033.8	3260.3	4885.0	6775.9	9093.0	12156.3	15938.9	19646.2
-10°	611.7	799.4	1144.5	1786.1	2847.3	4318.7	6010.3	7942.8	10398.2	13574.8	16819.5
-12.5°	576.3	730.6	995.1	1468.8	2354.8	3655.7	5159.8	6863.2	8756.2	10870.0	13560.0
-15°	537.8	664.9	881.6	1270.7	1945.2	2946.0	4175.3	5642.4	7192.7	8784.7	10510.1
-17.5°	507.6	610.5	771.3	1031.2	1483.5	2283.7	3283.8	4445.4	5678.2	6904.9	7970.5
-20°	472.4	548.2	670.3	866.0	1183.0	1650.4	2399.2	3312.7	4256.2	5217.6	6027.8



REPORT NUMBER: P626865 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA2B-740-U-MR-XX

CANDELA DISTRIBUTION (continued):

	-35°	-32.5°	-30°	-27.5°	-25°	-22.5°	-20°	-17.5°	-15°	-12.5°	-10°
-22.5°	442.3	505.1	592.4	712.5	917.6	1240.9	1660.5	2299.9	3010.6	3712.1	4353.3
-25°	413.9	460.1	526.1	617.8	735.4	923.3	1192.2	1503.5	1983.0	2409.4	2899.5
-27.5°	389.8	427.2	471.9	535.2	620.3	713.1	872.4	1044.4	1284.0	1473.7	1811.5
-30°	367.5	396.3	432.1	473.1	530.0	597.1	675.2	776.9	887.0	1000.8	1154.0
-32.5°	348.8	371.0	397.3	429.0	462.7	509.9	554.3	614.4	665.8	732.2	804.7
-35°	330.3	349.2	369.5	392.6	417.5	446.9	477.1	512.6	542.8	581.0	616.3
-37.5°	313.7	328.6	345.8	363.0	382.4	401.1	422.7	444.0	462.5	486.6	505.9
-40°	298.5	310.1	324.6	338.9	353.8	366.9	382.3	396.2	408.9	422.6	434.0
-42.5°	284.5	295.1	305.7	317.8	329.9	341.1	351.7	360.8	369.0	377.1	383.4
-45°	271.7	281.2	290.4	299.7	308.6	318.4	327.4	334.2	339.3	343.6	347.2
-47.5°	258.9	267.7	276.1	284.1	291.7	299.4	306.4	311.1	314.6	317.1	319.0
-50°	246.7	254.8	262.5	269.4	276.2	282.6	288.5	292.0	294.4	295.9	296.3
-52.5°	235.0	242.5	249.6	256.0	261.8	267.2	271.9	274.4	276.4	277.8	278.3
-55°	223.1	230.0	236.7	242.5	247.9	252.9	256.6	258.4	259.8	260.6	261.1
-57.5°	209.7	216.7	223.4	228.4	233.4	238.2	241.6	243.5	244.7	245.4	246.0
-60°	194.4	201.0	206.5	211.6	216.8	222.0	224.1	225.8	227.4	228.9	230.3
-62.5°	177.2	183.1	187.5	191.7	195.9	200.0	202.3	204.1	205.4	206.5	207.8
-65°	158.2	163.4	167.3	170.5	173.0	175.8	178.4	180.3	181.5	182.7	183.9
-67.5°	138.1	143.1	146.9	149.9	152.4	154.5	156.5	158.0	159.0	159.9	161.0
-70°	118.3	123.0	127.0	130.5	133.2	135.3	136.9	138.1	139.1	139.8	140.2
-72.5°	99.2	103.1	106.8	110.2	113.3	115.4	116.9	118.1	119.0	119.7	120.0
-75°	81.0	84.5	87.6	90.4	93.1	94.9	96.2	97.1	97.7	98.4	99.0
-77.5°	63.0	65.7	68.3	70.7	72.9	74.6	76.0	77.1	77.9	78.5	78.9
-80°	46.2	48.5	50.6	52.5	54.2	55.3	56.4	57.4	58.3	58.7	58.9
-82.5°	31.8	33.3	34.7	36.2	37.6	38.1	38.4	38.7	38.8	39.4	39.9
-85°	18.5	19.3	20.0	20.7	21.3	21.5	21.6	21.5	21.4	21.7	22.0
-87.5°	6.6	6.8	7.0	7.2	7.3	7.5	7.6	7.7	7.8	7.9	8.0
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



REPORT NUMBER: P626865 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA2B-740-U-MR-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°	8.0	8.1	8.1	8.1	8.1	8.1	8.0	8.0	7.9	7.8	7.7
85°	22.2	22.3	22.4	22.4	22.4	22.3	22.2	22.0	21.7	21.4	21.5
82.5°	40.2	40.5	40.6	40.7	40.6	40.5	40.2	39.9	39.4	38.8	38.7
80°	58.9	58.7	58.9	59.0	58.9	58.7	58.9	58.9	58.7	58.3	57.4
77.5°	79.1	79.0	79.3	79.4	79.3	79.0	79.1	78.9	78.5	77.9	77.1
75°	99.3	99.4	99.7	99.8	99.7	99.4	99.3	99.0	98.4	97.7	97.1
72.5°	120.0	119.6	120.0	120.1	120.0	119.6	120.0	120.0	119.7	119.0	118.1
70°	140.2	140.0	141.3	142.5	141.3	140.0	140.2	140.2	139.8	139.1	138.1
67.5°	161.8	162.2	163.6	164.9	163.6	162.2	161.8	161.0	159.9	159.0	158.0
65°	184.5	184.6	186.0	187.3	186.0	184.6	184.5	183.9	182.7	181.5	180.3
62.5°	208.6	208.9	210.3	211.7	210.3	208.9	208.6	207.8	206.5	205.4	204.1
60°	231.1	231.3	231.8	232.1	231.8	231.3	231.1	230.3	228.9	227.4	225.8
57.5°	246.1	245.9	246.1	246.3	246.1	245.9	246.1	246.0	245.4	244.7	243.5
55°	261.0	260.4	259.6	258.6	259.6	260.4	261.0	261.1	260.6	259.8	258.4
52.5°	277.9	276.8	275.9	274.8	275.9	276.8	277.9	278.3	277.8	276.4	274.4
50°	296.0	295.1	294.2	293.2	294.2	295.1	296.0	296.3	295.9	294.4	292.0
47.5°	320.3	320.7	320.5	319.6	320.5	320.7	320.3	319.0	317.1	314.6	311.1
45°	349.6	350.8	350.9	350.2	350.9	350.8	349.6	347.2	343.6	339.3	334.2
42.5°	387.9	390.5	391.9	392.9	391.9	390.5	387.9	383.4	377.1	369.0	360.8
40°	442.3	447.6	450.9	454.0	450.9	447.6	442.3	434.0	422.6	408.9	396.2
37.5°	520.2	529.8	534.0	531.4	534.0	529.8	520.2	505.9	486.6	462.5	444.0
35°	643.5	661.6	671.1	671.8	671.1	661.6	643.5	616.3	581.0	542.8	512.6
32.5°	858.2	895.4	915.4	918.2	915.4	895.4	858.2	804.7	732.2	665.8	614.4
30°	1271.3	1347.1	1382.7	1374.2	1382.7	1347.1	1271.3	1154.0	1000.8	887.0	776.9
27.5°	2074.1	2263.1	2375.1	2384.0	2375.1	2263.1	2074.1	1811.5	1473.7	1284.0	1044.4
25°	3333.6	3656.2	3862.8	3866.1	3862.8	3656.2	3333.6	2899.5	2409.4	1983.0	1503.5
22.5°	4946.1	5386.5	5627.8	5669.9	5627.8	5386.5	4946.1	4353.3	3712.1	3010.6	2299.9
20°	6814.3	7400.1	7713.5	7713.8	7713.5	7400.1	6814.3	6027.8	5217.6	4256.2	3312.7
17.5°	9115.1	10066.2	10663.3	10920.3	10663.3	10066.2	9115.1	7970.5	6904.9	5678.2	4445.4
15°	12171.6	13770.0	14727.8	14900.4	14727.8	13770.0	12171.6	10510.1	8784.7	7192.7	5642.4
12.5°	15893.4	17916.1	19275.9	19774.2	19275.9	17916.1	15893.4	13560.0	10870.0	8756.2	6863.2
10°	19779.2	21653.4	23110.1	23599.6	23110.1	21653.4	19779.2	16819.5	13574.8	10398.2	7942.8
7.5°	22586.4	24821.3	26462.1	27182.7	26462.1	24821.3	22586.4	19646.2	15938.9	12156.3	9093.0
5°	24802.3	27446.8	28974.3	29652.2	28974.3	27446.8	24802.3	21659.5	17874.0	13638.2	9940.9
2.5°	26256.3	28869.3	30486.8	31111.9	30486.8	28869.3	26256.3	22938.5	19105.8	14546.4	10479.8
0°	26800.0	29355.0	30953.1	31716.6	30953.1	29355.0	26800.0	23257.6	19440.4	14762.0	10659.7
-2.5°	26256.3	28869.3	30486.8	31111.9	30486.8	28869.3	26256.3	22938.5	19105.8	14546.4	10479.8
-5°	24802.3	27446.8	28974.3	29652.2	28974.3	27446.8	24802.3	21659.5	17874.0	13638.2	9940.9
-7.5°	22586.4	24821.3	26462.1	27182.7	26462.1	24821.3	22586.4	19646.2	15938.9	12156.3	9093.0
-10°	19779.2	21653.4	23110.1	23599.6	23110.1	21653.4	19779.2	16819.5	13574.8	10398.2	7942.8
-12.5°	15893.4	17916.1	19275.9	19774.2	19275.9	17916.1	15893.4	13560.0	10870.0	8756.2	6863.2
-15°	12171.6	13770.0	14727.8	14900.4	14727.8	13770.0	12171.6	10510.1	8784.7	7192.7	5642.4
-17.5°	9115.1	10066.2	10663.3	10920.3	10663.3	10066.2	9115.1	7970.5	6904.9	5678.2	4445.4
-20°	6814.3	7400.1	7713.5	7713.8	7713.5	7400.1	6814.3	6027.8	5217.6	4256.2	3312.7



REPORT NUMBER: P626865 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA2B-740-U-MR-XX

CANDELA DISTRIBUTION (continued):

	-7.5°	-5°	-2.5°	0°	2.5°	5°	7.5°	10°	12.5°	15°	17.5°
-22.5°	4946.1	5386.5	5627.8	5669.9	5627.8	5386.5	4946.1	4353.3	3712.1	3010.6	2299.9
-25°	3333.6	3656.2	3862.8	3866.1	3862.8	3656.2	3333.6	2899.5	2409.4	1983.0	1503.5
-27.5°	2074.1	2263.1	2375.1	2384.0	2375.1	2263.1	2074.1	1811.5	1473.7	1284.0	1044.4
-30°	1271.3	1347.1	1382.7	1374.2	1382.7	1347.1	1271.3	1154.0	1000.8	887.0	776.9
-32.5°	858.2	895.4	915.4	918.2	915.4	895.4	858.2	804.7	732.2	665.8	614.4
-35°	643.5	661.6	671.1	671.8	671.1	661.6	643.5	616.3	581.0	542.8	512.6
-37.5°	520.2	529.8	534.0	531.4	534.0	529.8	520.2	505.9	486.6	462.5	444.0
-40°	442.3	447.6	450.9	454.0	450.9	447.6	442.3	434.0	422.6	408.9	396.2
-42.5°	387.9	390.5	391.9	392.9	391.9	390.5	387.9	383.4	377.1	369.0	360.8
-45°	349.6	350.8	350.9	350.2	350.9	350.8	349.6	347.2	343.6	339.3	334.2
-47.5°	320.3	320.7	320.5	319.6	320.5	320.7	320.3	319.0	317.1	314.6	311.1
-50°	296.0	295.1	294.2	293.2	294.2	295.1	296.0	296.3	295.9	294.4	292.0
-52.5°	277.9	276.8	275.9	274.8	275.9	276.8	277.9	278.3	277.8	276.4	274.4
-55°	261.0	260.4	259.6	258.6	259.6	260.4	261.0	261.1	260.6	259.8	258.4
-57.5°	246.1	245.9	246.1	246.3	246.1	245.9	246.1	246.0	245.4	244.7	243.5
-60°	231.1	231.3	231.8	232.1	231.8	231.3	231.1	230.3	228.9	227.4	225.8
-62.5°	208.6	208.9	210.3	211.7	210.3	208.9	208.6	207.8	206.5	205.4	204.1
-65°	184.5	184.6	186.0	187.3	186.0	184.6	184.5	183.9	182.7	181.5	180.3
-67.5°	161.8	162.2	163.6	164.9	163.6	162.2	161.8	161.0	159.9	159.0	158.0
-70°	140.2	140.0	141.3	142.5	141.3	140.0	140.2	140.2	139.8	139.1	138.1
-72.5°	120.0	119.6	120.0	120.1	120.0	119.6	120.0	120.0	119.7	119.0	118.1
-75°	99.3	99.4	99.7	99.8	99.7	99.4	99.3	99.0	98.4	97.7	97.1
-77.5°	79.1	79.0	79.3	79.4	79.3	79.0	79.1	78.9	78.5	77.9	77.1
-80°	58.9	58.7	58.9	59.0	58.9	58.7	58.9	58.9	58.7	58.3	57.4
-82.5°	40.2	40.5	40.6	40.7	40.6	40.5	40.2	39.9	39.4	38.8	38.7
-85°	22.2	22.3	22.4	22.4	22.4	22.3	22.2	22.0	21.7	21.4	21.5
-87.5°	8.0	8.1	8.1	8.1	8.1	8.1	8.0	8.0	7.9	7.8	7.7
-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: P626865 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA2B-740-U-MR-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°	7.6	7.5	7.3	7.2	7.0	6.8	6.6	6.4	6.2	6.0	5.7
85°	21.6	21.5	21.3	20.7	20.0	19.3	18.5	17.7	16.8	15.8	14.8
82.5°	38.4	38.1	37.6	36.2	34.7	33.3	31.8	30.6	29.2	27.8	26.3
80°	56.4	55.3	54.2	52.5	50.6	48.5	46.2	44.1	41.9	39.8	37.8
77.5°	76.0	74.6	72.9	70.7	68.3	65.7	63.0	60.2	57.4	54.4	51.3
75°	96.2	94.9	93.1	90.4	87.6	84.5	81.0	77.1	73.2	69.4	65.6
72.5°	116.9	115.4	113.3	110.2	106.8	103.1	99.2	94.8	89.9	84.6	79.8
70°	136.9	135.3	133.2	130.5	127.0	123.0	118.3	113.2	107.7	102.1	96.2
67.5°	156.5	154.5	152.4	149.9	146.9	143.1	138.1	132.1	125.9	119.4	112.7
65°	178.4	175.8	173.0	170.5	167.3	163.4	158.2	152.5	145.6	137.7	129.2
62.5°	202.3	200.0	195.9	191.7	187.5	183.1	177.2	171.0	164.7	157.3	147.2
60°	224.1	222.0	216.8	211.6	206.5	201.0	194.4	187.8	181.2	173.2	163.9
57.5°	241.6	238.2	233.4	228.4	223.4	216.7	209.7	203.1	195.8	188.2	179.5
55°	256.6	252.9	247.9	242.5	236.7	230.0	223.1	215.6	208.6	202.3	193.5
52.5°	271.9	267.2	261.8	256.0	249.6	242.5	235.0	227.2	220.4	213.8	206.4
50°	288.5	282.6	276.2	269.4	262.5	254.8	246.7	238.4	231.9	225.0	217.6
47.5°	306.4	299.4	291.7	284.1	276.1	267.7	258.9	250.1	242.9	235.8	228.1
45°	327.4	318.4	308.6	299.7	290.4	281.2	271.7	262.5	253.4	245.5	238.1
42.5°	351.7	341.1	329.9	317.8	305.7	295.1	284.5	274.6	264.5	255.0	246.4
40°	382.3	366.9	353.8	338.9	324.6	310.1	298.5	286.6	275.6	264.7	254.8
37.5°	422.7	401.1	382.4	363.0	345.8	328.6	313.7	300.1	286.6	274.9	263.8
35°	477.1	446.9	417.5	392.6	369.5	349.2	330.3	314.3	299.3	285.1	272.7
32.5°	554.3	509.9	462.7	429.0	397.3	371.0	348.8	329.0	311.8	296.1	281.9
30°	675.2	597.1	530.0	473.1	432.1	396.3	367.5	344.3	324.1	306.7	290.9
27.5°	872.4	713.1	620.3	535.2	471.9	427.2	389.8	359.5	336.2	317.1	299.8
25°	1192.2	923.3	735.4	617.8	526.1	460.1	413.9	377.8	349.1	326.4	306.1
22.5°	1660.5	1240.9	917.6	712.5	592.4	505.1	442.3	395.8	360.7	334.5	312.4
20°	2399.2	1650.4	1183.0	866.0	670.3	548.2	472.4	416.8	375.0	343.1	317.9
17.5°	3283.8	2283.7	1483.5	1031.2	771.3	610.5	507.6	437.0	387.6	351.0	322.6
15°	4175.3	2946.0	1945.2	1270.7	881.6	664.9	537.8	454.5	399.9	359.5	328.5
12.5°	5159.8	3655.7	2354.8	1468.8	995.1	730.6	576.3	478.1	413.3	368.1	334.1
10°	6010.3	4318.7	2847.3	1786.1	1144.5	799.4	611.7	498.2	424.5	375.0	338.5
7.5°	6775.9	4885.0	3260.3	2033.8	1260.3	854.0	640.0	514.3	432.9	380.0	341.6
5°	7319.3	5317.8	3592.5	2220.9	1343.2	891.8	659.7	525.7	438.5	383.2	343.4
2.5°	7658.4	5578.3	3809.2	2332.0	1383.8	912.5	672.1	532.1	443.2	386.7	344.5
0°	7689.4	5559.9	3839.6	2386.0	1357.9	916.1	677.9	533.4	445.9	388.8	344.1
-2.5°	7658.4	5578.3	3809.2	2332.0	1383.8	912.5	672.1	532.1	443.2	386.7	344.5
-5°	7319.3	5317.8	3592.5	2220.9	1343.2	891.8	659.7	525.7	438.5	383.2	343.4
-7.5°	6775.9	4885.0	3260.3	2033.8	1260.3	854.0	640.0	514.3	432.9	380.0	341.6
-10°	6010.3	4318.7	2847.3	1786.1	1144.5	799.4	611.7	498.2	424.5	375.0	338.5
-12.5°	5159.8	3655.7	2354.8	1468.8	995.1	730.6	576.3	478.1	413.3	368.1	334.1
-15°	4175.3	2946.0	1945.2	1270.7	881.6	664.9	537.8	454.5	399.9	359.5	328.5
-17.5°	3283.8	2283.7	1483.5	1031.2	771.3	610.5	507.6	437.0	387.6	351.0	322.6
-20°	2399.2	1650.4	1183.0	866.0	670.3	548.2	472.4	416.8	375.0	343.1	317.9

Classified

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

Scaled Data Report



REPORT NUMBER: P626865 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA2B-740-U-MR-XX

CANDELA DISTRIBUTION (continued):

	20°	22.5°	25°	27.5°	30°	32.5°	35°	37.5°	40°	42.5°	45°
-22.5°	1660.5	1240.9	917.6	712.5	592.4	505.1	442.3	395.8	360.7	334.5	312.4
-25°	1192.2	923.3	735.4	617.8	526.1	460.1	413.9	377.8	349.1	326.4	306.1
-27.5°	872.4	713.1	620.3	535.2	471.9	427.2	389.8	359.5	336.2	317.1	299.8
-30°	675.2	597.1	530.0	473.1	432.1	396.3	367.5	344.3	324.1	306.7	290.9
-32.5°	554.3	509.9	462.7	429.0	397.3	371.0	348.8	329.0	311.8	296.1	281.9
-35°	477.1	446.9	417.5	392.6	369.5	349.2	330.3	314.3	299.3	285.1	272.7
-37.5°	422.7	401.1	382.4	363.0	345.8	328.6	313.7	300.1	286.6	274.9	263.8
-40°	382.3	366.9	353.8	338.9	324.6	310.1	298.5	286.6	275.6	264.7	254.8
-42.5°	351.7	341.1	329.9	317.8	305.7	295.1	284.5	274.6	264.5	255.0	246.4
-45°	327.4	318.4	308.6	299.7	290.4	281.2	271.7	262.5	253.4	245.5	238.1
-47.5°	306.4	299.4	291.7	284.1	276.1	267.7	258.9	250.1	242.9	235.8	228.1
-50°	288.5	282.6	276.2	269.4	262.5	254.8	246.7	238.4	231.9	225.0	217.6
-52.5°	271.9	267.2	261.8	256.0	249.6	242.5	235.0	227.2	220.4	213.8	206.4
-55°	256.6	252.9	247.9	242.5	236.7	230.0	223.1	215.6	208.6	202.3	193.5
-57.5°	241.6	238.2	233.4	228.4	223.4	216.7	209.7	203.1	195.8	188.2	179.5
-60°	224.1	222.0	216.8	211.6	206.5	201.0	194.4	187.8	181.2	173.2	163.9
-62.5°	202.3	200.0	195.9	191.7	187.5	183.1	177.2	171.0	164.7	157.3	147.2
-65°	178.4	175.8	173.0	170.5	167.3	163.4	158.2	152.5	145.6	137.7	129.2
-67.5°	156.5	154.5	152.4	149.9	146.9	143.1	138.1	132.1	125.9	119.4	112.7
-70°	136.9	135.3	133.2	130.5	127.0	123.0	118.3	113.2	107.7	102.1	96.2
-72.5°	116.9	115.4	113.3	110.2	106.8	103.1	99.2	94.8	89.9	84.6	79.8
-75°	96.2	94.9	93.1	90.4	87.6	84.5	81.0	77.1	73.2	69.4	65.6
-77.5°	76.0	74.6	72.9	70.7	68.3	65.7	63.0	60.2	57.4	54.4	51.3
-80°	56.4	55.3	54.2	52.5	50.6	48.5	46.2	44.1	41.9	39.8	37.8
-82.5°	38.4	38.1	37.6	36.2	34.7	33.3	31.8	30.6	29.2	27.8	26.3
-85°	21.6	21.5	21.3	20.7	20.0	19.3	18.5	17.7	16.8	15.8	14.8
-87.5°	7.6	7.5	7.3	7.2	7.0	6.8	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: P626865 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA2B-740-U-MR-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	3.1	2.8	2.4
85°	13.8	12.7	11.6	10.5	9.3	8.1	7.5	6.8	6.2	5.5	4.9
82.5°	24.8	23.2	21.5	19.8	18.0	16.2	14.3	12.4	10.4	8.5	7.3
80°	35.7	33.6	31.4	29.1	26.8	24.3	21.8	19.2	16.3	13.6	11.0
77.5°	48.1	44.8	41.3	38.4	35.8	32.9	29.7	26.1	22.2	18.7	15.4
75°	61.7	57.6	53.5	49.4	45.4	41.5	37.9	33.7	28.8	23.9	19.6
72.5°	75.6	71.0	66.0	60.8	56.1	51.3	46.4	41.1	35.5	29.9	24.1
70°	90.4	84.7	79.0	73.2	67.2	61.2	55.5	49.1	42.2	35.8	29.3
67.5°	105.7	98.9	92.2	85.5	78.7	71.7	64.6	57.1	49.4	41.6	34.4
65°	121.4	113.3	105.1	97.7	90.1	82.3	74.3	65.2	56.6	48.0	39.4
62.5°	137.4	128.0	118.9	109.9	101.3	92.7	83.7	73.6	63.7	54.2	44.8
60°	153.5	142.7	132.4	122.4	112.5	102.9	92.8	81.6	70.8	60.3	50.1
57.5°	168.9	157.0	145.3	134.4	123.7	113.0	101.7	89.7	77.8	66.4	55.4
55°	183.8	171.7	158.0	145.6	134.2	122.8	110.3	97.5	84.5	72.3	60.4
52.5°	197.0	185.0	170.7	156.5	143.8	131.9	118.5	105.2	91.4	77.9	65.4
50°	209.0	196.8	182.5	167.4	153.0	139.8	126.3	112.2	98.1	83.4	70.1
47.5°	219.3	207.6	193.5	177.8	162.3	147.4	133.4	118.9	104.5	89.1	74.7
45°	228.7	218.0	204.1	187.9	170.9	155.1	140.1	125.2	110.1	94.6	79.1
42.5°	237.4	227.0	214.3	197.9	179.7	162.5	146.4	131.0	115.5	99.8	83.5
40°	245.3	234.9	223.8	207.1	188.1	169.4	152.7	136.5	120.5	104.6	87.8
37.5°	253.1	242.4	230.9	215.7	195.9	176.6	158.5	141.7	125.3	108.9	91.8
35°	261.1	249.6	237.1	222.5	203.3	183.1	163.9	146.6	129.8	112.9	95.6
32.5°	268.8	256.2	242.8	228.3	210.3	189.0	169.2	151.3	134.0	116.6	99.0
30°	276.4	261.5	247.8	234.2	216.3	194.9	174.3	155.7	137.9	120.1	102.2
27.5°	282.1	266.2	252.3	238.8	221.4	200.2	179.3	159.8	141.6	123.3	104.9
25°	287.3	270.7	256.1	242.4	226.4	205.8	183.9	163.5	144.9	126.2	107.5
22.5°	292.4	274.6	259.2	245.5	231.2	210.8	188.2	167.2	147.8	128.8	109.7
20°	296.9	277.7	261.8	248.4	234.4	214.7	192.3	170.5	150.5	131.1	111.7
17.5°	300.7	280.9	264.6	250.7	236.6	218.0	195.8	173.4	152.8	133.2	113.5
15°	304.6	284.2	266.9	252.5	238.5	220.7	198.9	175.8	154.7	134.9	115.1
12.5°	308.0	286.7	268.8	253.8	240.1	222.8	201.4	177.9	156.3	136.5	116.6
10°	310.6	288.3	270.0	254.6	241.3	224.3	203.3	179.7	158.2	137.9	117.9
7.5°	312.4	289.1	270.8	255.0	242.2	225.7	205.2	181.8	159.9	139.0	118.8
5°	313.6	289.4	271.3	255.7	242.7	227.0	206.6	183.4	161.3	139.9	119.5
2.5°	315.1	289.6	271.3	256.3	242.7	227.7	207.4	184.6	162.3	140.3	120.0
0°	315.6	289.1	270.8	256.5	242.3	228.0	207.7	185.3	162.9	140.5	120.1
-2.5°	315.1	289.6	271.3	256.3	242.7	227.7	207.4	184.6	162.3	140.3	120.0
-5°	313.6	289.4	271.3	255.7	242.7	227.0	206.6	183.4	161.3	139.9	119.5
-7.5°	312.4	289.1	270.8	255.0	242.2	225.7	205.2	181.8	159.9	139.0	118.8
-10°	310.6	288.3	270.0	254.6	241.3	224.3	203.3	179.7	158.2	137.9	117.9
-12.5°	308.0	286.7	268.8	253.8	240.1	222.8	201.4	177.9	156.3	136.5	116.6
-15°	304.6	284.2	266.9	252.5	238.5	220.7	198.9	175.8	154.7	134.9	115.1
-17.5°	300.7	280.9	264.6	250.7	236.6	218.0	195.8	173.4	152.8	133.2	113.5
-20°	296.9	277.7	261.8	248.4	234.4	214.7	192.3	170.5	150.5	131.1	111.7

Classified

Cooper Lighting Solutions Photometric Lab
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Scaled Data Report



REPORT NUMBER: P626865 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA2B-740-U-MR-XX

CANDELA DISTRIBUTION (continued):

	47.5°	50°	52.5°	55°	57.5°	60°	62.5°	65°	67.5°	70°	72.5°
-22.5°	292.4	274.6	259.2	245.5	231.2	210.8	188.2	167.2	147.8	128.8	109.7
-25°	287.3	270.7	256.1	242.4	226.4	205.8	183.9	163.5	144.9	126.2	107.5
-27.5°	282.1	266.2	252.3	238.8	221.4	200.2	179.3	159.8	141.6	123.3	104.9
-30°	276.4	261.5	247.8	234.2	216.3	194.9	174.3	155.7	137.9	120.1	102.2
-32.5°	268.8	256.2	242.8	228.3	210.3	189.0	169.2	151.3	134.0	116.6	99.0
-35°	261.1	249.6	237.1	222.5	203.3	183.1	163.9	146.6	129.8	112.9	95.6
-37.5°	253.1	242.4	230.9	215.7	195.9	176.6	158.5	141.7	125.3	108.9	91.8
-40°	245.3	234.9	223.8	207.1	188.1	169.4	152.7	136.5	120.5	104.6	87.8
-42.5°	237.4	227.0	214.3	197.9	179.7	162.5	146.4	131.0	115.5	99.8	83.5
-45°	228.7	218.0	204.1	187.9	170.9	155.1	140.1	125.2	110.1	94.6	79.1
-47.5°	219.3	207.6	193.5	177.8	162.3	147.4	133.4	118.9	104.5	89.1	74.7
-50°	209.0	196.8	182.5	167.4	153.0	139.8	126.3	112.2	98.1	83.4	70.1
-52.5°	197.0	185.0	170.7	156.5	143.8	131.9	118.5	105.2	91.4	77.9	65.4
-55°	183.8	171.7	158.0	145.6	134.2	122.8	110.3	97.5	84.5	72.3	60.4
-57.5°	168.9	157.0	145.3	134.4	123.7	113.0	101.7	89.7	77.8	66.4	55.4
-60°	153.5	142.7	132.4	122.4	112.5	102.9	92.8	81.6	70.8	60.3	50.1
-62.5°	137.4	128.0	118.9	109.9	101.3	92.7	83.7	73.6	63.7	54.2	44.8
-65°	121.4	113.3	105.1	97.7	90.1	82.3	74.3	65.2	56.6	48.0	39.4
-67.5°	105.7	98.9	92.2	85.5	78.7	71.7	64.6	57.1	49.4	41.6	34.4
-70°	90.4	84.7	79.0	73.2	67.2	61.2	55.5	49.1	42.2	35.8	29.3
-72.5°	75.6	71.0	66.0	60.8	56.1	51.3	46.4	41.1	35.5	29.9	24.1
-75°	61.7	57.6	53.5	49.4	45.4	41.5	37.9	33.7	28.8	23.9	19.6
-77.5°	48.1	44.8	41.3	38.4	35.8	32.9	29.7	26.1	22.2	18.7	15.4
-80°	35.7	33.6	31.4	29.1	26.8	24.3	21.8	19.2	16.3	13.6	11.0
-82.5°	24.8	23.2	21.5	19.8	18.0	16.2	14.3	12.4	10.4	8.5	7.3
-85°	13.8	12.7	11.6	10.5	9.3	8.1	7.5	6.8	6.2	5.5	4.9
-87.5°	5.5	5.2	4.9	4.6	4.4	4.0	3.7	3.4	3.1	2.8	2.4
-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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CATALOG NUMBER: GFLD-SA2B-740-U-MR-XX

CANDELA DISTRIBUTION (continued):

	75°	77.5°	80°	82.5°	85°	87.5°	90°
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0
87.5°	2.1	1.8	1.4	1.1	0.7	0.4	0.0
85°	4.2	3.5	2.8	2.1	1.4	0.7	0.0
82.5°	6.3	5.2	4.2	3.2	2.1	1.1	0.0
80°	8.5	7.0	5.6	4.2	2.8	1.4	0.0
77.5°	12.2	9.2	7.0	5.2	3.5	1.8	0.0
75°	15.8	12.2	8.5	6.3	4.2	2.1	0.0
72.5°	19.3	15.1	10.9	7.3	4.9	2.4	0.0
70°	23.0	18.1	13.3	8.4	5.5	2.8	0.0
67.5°	27.4	21.0	15.6	10.2	6.2	3.1	0.0
65°	31.8	24.2	17.9	11.9	6.8	3.4	0.0
62.5°	36.0	27.8	20.1	13.6	7.5	3.7	0.0
60°	40.2	31.3	22.3	15.2	8.1	4.0	0.0
57.5°	44.6	34.7	25.0	16.8	9.2	4.4	0.0
55°	48.9	38.0	27.6	18.4	10.2	4.6	0.0
52.5°	53.1	41.3	30.2	19.9	11.2	4.9	0.0
50°	57.1	44.5	32.7	21.3	12.2	5.2	0.0
47.5°	60.9	47.7	35.1	22.8	13.1	5.5	0.0
45°	64.6	50.7	37.4	24.6	14.0	5.7	0.0
42.5°	68.2	53.5	39.6	26.2	14.9	6.0	0.0
40°	71.7	56.2	41.8	27.8	15.7	6.2	0.0
37.5°	75.0	58.7	43.8	29.2	16.5	6.4	0.0
35°	78.0	61.2	45.7	30.6	17.2	6.6	0.0
32.5°	81.0	63.6	47.5	31.9	17.9	6.8	0.0
30°	83.7	65.8	49.1	33.0	18.6	7.0	0.0
27.5°	86.2	67.9	50.6	34.1	19.2	7.2	0.0
25°	88.5	69.8	52.0	35.0	19.7	7.3	0.0
22.5°	90.6	71.5	53.2	35.8	20.2	7.5	0.0
20°	92.3	73.0	54.4	36.6	20.7	7.6	0.0
17.5°	94.0	74.2	55.4	37.2	21.1	7.7	0.0
15°	95.5	75.3	56.4	37.7	21.4	7.8	0.0
12.5°	96.7	76.2	57.1	38.1	21.7	7.9	0.0
10°	97.8	76.8	57.8	38.5	22.0	8.0	0.0
7.5°	98.7	77.2	58.3	38.7	22.2	8.0	0.0
5°	99.3	77.5	58.7	38.8	22.3	8.1	0.0
2.5°	99.7	77.5	58.9	38.8	22.4	8.1	0.0
0°	99.8	77.4	59.0	38.7	22.4	8.1	0.0
-2.5°	99.7	77.5	58.9	38.8	22.4	8.1	0.0
-5°	99.3	77.5	58.7	38.8	22.3	8.1	0.0
-7.5°	98.7	77.2	58.3	38.7	22.2	8.0	0.0
-10°	97.8	76.8	57.8	38.5	22.0	8.0	0.0
-12.5°	96.7	76.2	57.1	38.1	21.7	7.9	0.0
-15°	95.5	75.3	56.4	37.7	21.4	7.8	0.0
-17.5°	94.0	74.2	55.4	37.2	21.1	7.7	0.0
-20°	92.3	73.0	54.4	36.6	20.7	7.6	0.0

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CANDELA DISTRIBUTION (continued):

	75°	77.5°	80°	82.5°	85°	87.5°	90°
-22.5°	90.6	71.5	53.2	35.8	20.2	7.5	0.0
-25°	88.5	69.8	52.0	35.0	19.7	7.3	0.0
-27.5°	86.2	67.9	50.6	34.1	19.2	7.2	0.0
-30°	83.7	65.8	49.1	33.0	18.6	7.0	0.0
-32.5°	81.0	63.6	47.5	31.9	17.9	6.8	0.0
-35°	78.0	61.2	45.7	30.6	17.2	6.6	0.0
-37.5°	75.0	58.7	43.8	29.2	16.5	6.4	0.0
-40°	71.7	56.2	41.8	27.8	15.7	6.2	0.0
-42.5°	68.2	53.5	39.6	26.2	14.9	6.0	0.0
-45°	64.6	50.7	37.4	24.6	14.0	5.7	0.0
-47.5°	60.9	47.7	35.1	22.8	13.1	5.5	0.0
-50°	57.1	44.5	32.7	21.3	12.2	5.2	0.0
-52.5°	53.1	41.3	30.2	19.9	11.2	4.9	0.0
-55°	48.9	38.0	27.6	18.4	10.2	4.6	0.0
-57.5°	44.6	34.7	25.0	16.8	9.2	4.4	0.0
-60°	40.2	31.3	22.3	15.2	8.1	4.0	0.0
-62.5°	36.0	27.8	20.1	13.6	7.5	3.7	0.0
-65°	31.8	24.2	17.9	11.9	6.8	3.4	0.0
-67.5°	27.4	21.0	15.6	10.2	6.2	3.1	0.0
-70°	23.0	18.1	13.3	8.4	5.5	2.8	0.0
-72.5°	19.3	15.1	10.9	7.3	4.9	2.4	0.0
-75°	15.8	12.2	8.5	6.3	4.2	2.1	0.0
-77.5°	12.2	9.2	7.0	5.2	3.5	1.8	0.0
-80°	8.5	7.0	5.6	4.2	2.8	1.4	0.0
-82.5°	6.3	5.2	4.2	3.2	2.1	1.1	0.0
-85°	4.2	3.5	2.8	2.1	1.4	0.7	0.0
-87.5°	2.1	1.8	1.4	1.1	0.7	0.4	0.0
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0

(END OF REPORT)