

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: P627209 (CONVERTED FROM TYPE C PHOTOMETRY)

Luminaire Tested: **GFLD-SA3D-730-U-NR-XX**

Issue Date: 12/7/2022

Test Information

Test Method: LM-79-08
Report Number: P627209 (CONVERTED FROM TYPE C PHOTOMETRY)
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G2-2210-813-11)
Test Lab: COOPER LIGHTING SOLUTIONS
Issue Date: 12/7/2022
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: MCGRAW-EDISON
Catalog Number: GFLD-SA3D-730-U-NR-XX
Description: GALLEON FLOOD, THREE LIGHT SQAURE, NARROW SYMMETRICAL ROUND N67
Light Source: (48) 3000K CCT, 70 CRI LEDS
Ballast/Driver: -

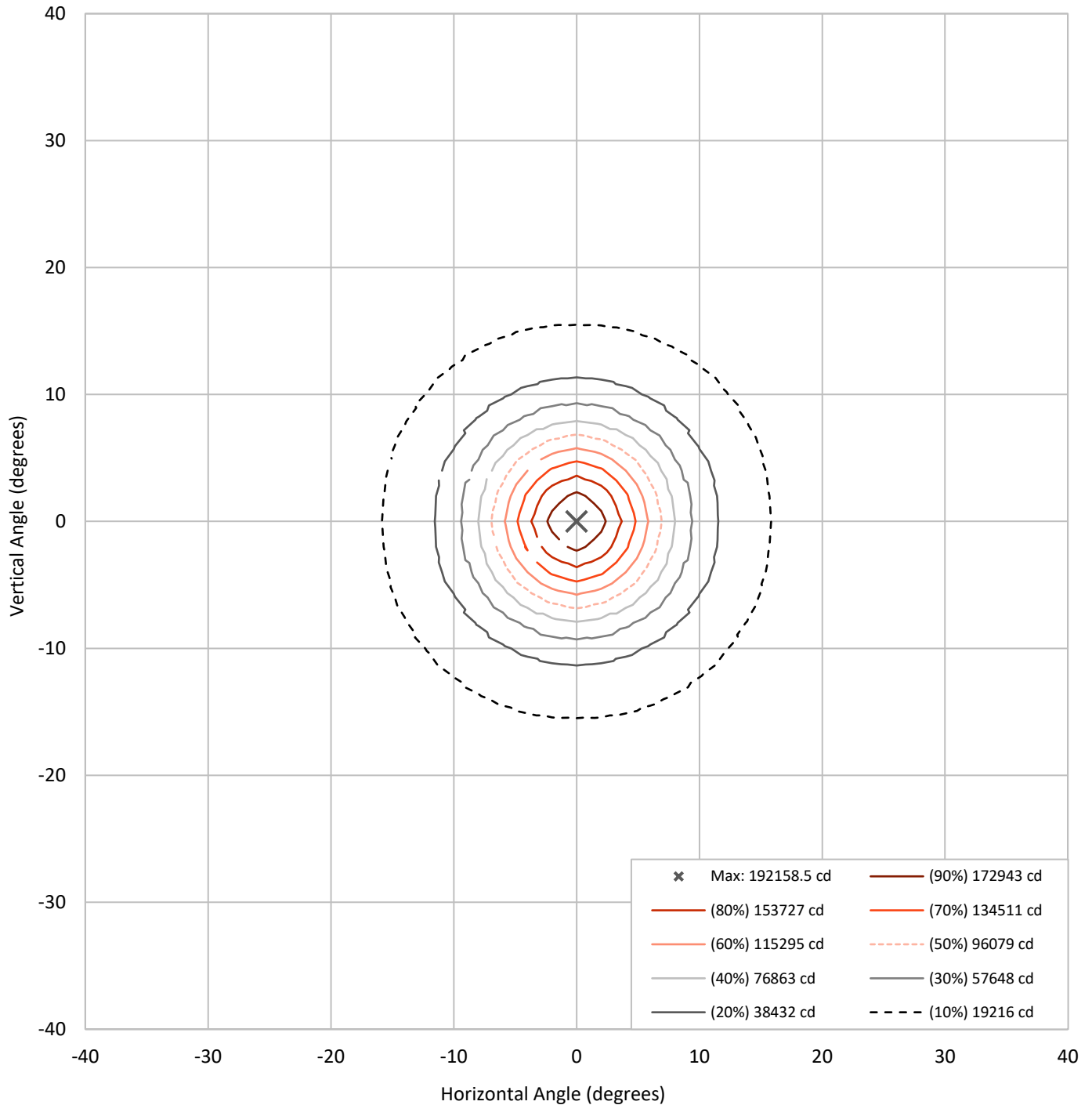
Summary

Lumens per Lamp:	N/A	NEMA Type:	3H x 3V
Luminaire Lumens:	20404.4 lumens	Max Intensity:	192158.5 candela
Efficiency:	N/A	Max Intensity Angle:	0°H x 0°V
Efficacy:	127.4 lumens/watt		
Luminous Opening:	Rectangular (W 1.5' x L: 0.5' x H: 0')		
Beam Angle (50%):	13.7°H x 13.6°V	Field Angle (10%):	31.6°H x 30.6°V
Beam Lumens:	6032.7 lumens	Field Lumens:	13576 lumens
Beam Efficiency:	29.6%	Field Efficiency:	66.5%
Input Watts (W):	160.2		
Input Voltage (V):	120		
Input Current (Ain):	NR		
Voltage Rise (V):	NR		
Power Factor:	NR		
Total Harmonic Distortion (THDi):	NR		
Frequency (hertz):	60		
Stabilization Time:	NR		
Operation Time:	NR		
Ambient Temperature (°C):	NR		
Test Distance:	25 FT		



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Iso-Candela Plot





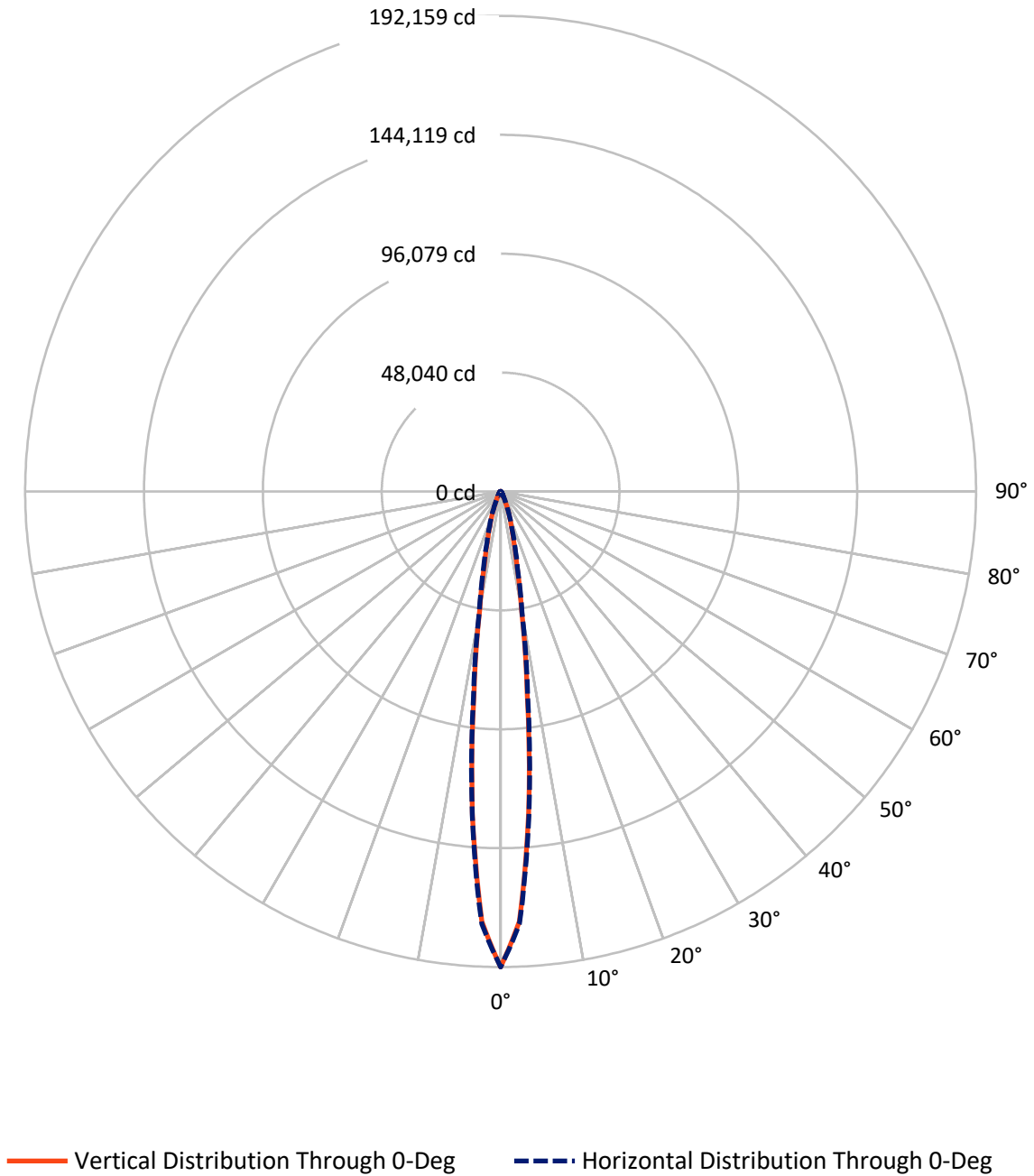
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Lumen Table

90	0.4	2.8	7.4	11.9	13.0	11.9	7.4	2.8	0.4							
80	0.4	2.8	7.4	11.9	13.0	11.9	7.4	2.8	0.4							
70	1.3	1.4	2.9	4.8	6.8	8.4	9.4	9.8	9.8	9.4	8.4	6.8	4.8	2.9	1.4	1.3
60		2.2	4.4	7.2	9.6	11.8	13.2	13.7	13.7	13.2	11.8	9.6	7.2	4.4	2.2	
50	2.2	2.8	5.7	8.9	11.8	14.8	17.5	18.8	18.8	17.5	14.8	11.8	8.9	5.7	2.8	2.2
40		3.4	6.7	10.2	14.5	20.9	29.4	36.4	36.4	29.4	20.9	14.5	10.2	6.7	3.4	
30	2.9	3.8	7.4	11.5	18.8	37.3	84.9	140.5	140.5	84.9	37.3	18.8	11.5	7.4	3.8	2.9
20		4.1	7.7	12.7	24.9	79.2	281.1	605.4	605.4	281.1	79.2	24.9	12.7	7.7	4.1	
10	3.1	4.3	7.9	13.5	30.1	130.5	611.1	2639.8	2639.8	611.1	130.5	30.1	13.5	7.9	4.3	3.1
0		4.3	7.9	13.5	30.1	130.5	611.1	2639.8	2639.8	611.1	130.5	30.1	13.5	7.9	4.3	
-10	2.9	4.1	7.7	12.7	24.9	79.2	281.1	605.4	605.4	281.1	79.2	24.9	12.7	7.7	4.1	2.9
-20		3.8	7.4	11.5	18.8	37.3	84.9	140.5	140.5	84.9	37.3	18.8	11.5	7.4	3.8	
-30	2.2	3.4	6.7	10.2	14.5	20.9	29.4	36.4	36.4	29.4	20.9	14.5	10.2	6.7	3.4	2.2
-40		2.8	5.7	8.9	11.8	14.8	17.5	18.8	18.8	17.5	14.8	11.8	8.9	5.7	2.8	
-50	1.3	2.2	4.4	7.2	9.6	11.8	13.2	13.7	13.7	13.2	11.8	9.6	7.2	4.4	2.2	1.3
-60		1.4	2.9	4.8	6.8	8.4	9.4	9.8	9.8	9.4	8.4	6.8	4.8	2.9	1.4	
-70	0.4	2.8	7.4	11.9	13.0	11.9	7.4	2.8	0.4							
-80		0.4	2.8	7.4	11.9	13.0	11.9	7.4	2.8	0.4						
-90	0.4	2.8	7.4	11.9	13.0	11.9	7.4	2.8	0.4							

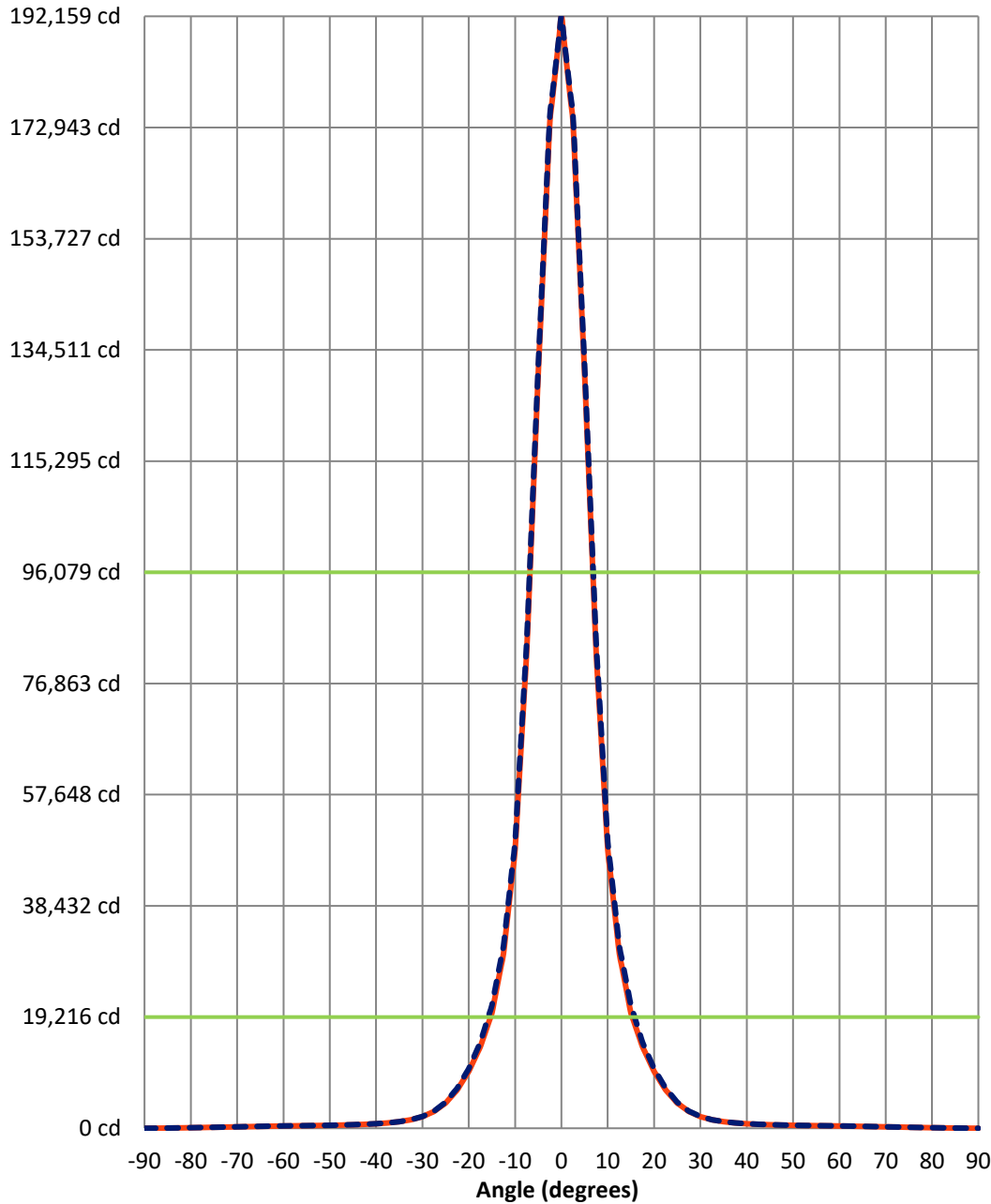
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Luminous Intensity Polar Plot



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Luminous Intensity Plot



Beam:
 H Angle: 13.7°
 V Angle: 13.6°
 Lumens: 6032.7
 Efficiency: 29.6%

Field:
 H Angle: 31.6°
 V Angle: 30.6°
 Lumens: 13576
 Efficiency: 66.5%

Spill:
 Lumens: 6828.4
 Efficiency: 33.5%

— 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	0.6	1.4	2.2	2.9	3.6	4.3	5.0	5.6	6.3	7.0
85°	0.0	1.3	2.9	4.3	5.7	7.1	8.5	9.9	11.3	12.6	13.9
82.5°	0.0	1.9	4.3	6.4	8.6	10.7	12.8	14.8	17.1	20.1	23.0
80°	0.0	2.5	5.7	8.6	11.4	14.2	17.2	21.4	25.4	29.4	33.4
77.5°	0.0	3.1	7.1	10.7	14.2	18.2	23.5	28.7	33.7	38.7	44.1
75°	0.0	3.7	8.5	12.8	17.2	23.2	29.6	35.9	42.1	49.1	55.9
72.5°	0.0	4.3	9.8	14.8	20.9	28.1	35.7	43.4	51.6	59.7	67.7
70°	0.0	4.9	11.1	17.0	24.6	32.8	41.7	51.6	61.0	70.3	80.7
67.5°	0.0	5.5	12.4	19.6	28.2	37.5	48.6	59.7	70.3	82.1	93.8
65°	0.0	6.0	13.6	22.2	31.7	42.6	55.4	67.7	80.7	93.8	107.6
62.5°	0.0	6.6	14.8	24.6	35.1	48.1	62.0	76.3	90.9	105.7	123.0
60°	0.0	7.1	15.9	27.0	38.4	53.5	68.5	85.1	100.9	119.0	138.1
57.5°	0.0	7.6	17.4	29.4	42.6	58.7	75.6	93.6	111.8	131.9	152.6
55°	0.0	8.1	18.9	31.6	46.7	63.8	82.6	101.8	122.7	144.3	166.6
52.5°	0.0	8.5	20.3	33.8	50.6	68.9	89.4	110.6	133.2	156.2	180.0
50°	0.0	9.0	21.7	35.8	54.4	74.3	95.9	119.3	143.2	167.6	192.8
47.5°	0.0	9.4	23.0	38.0	58.1	79.6	102.4	127.7	152.7	178.4	205.4
45°	0.0	9.8	24.3	40.6	61.6	84.7	109.2	135.7	161.9	189.5	217.7
42.5°	0.0	10.2	25.6	43.2	65.0	89.5	115.8	143.4	170.7	200.3	229.7
40°	0.0	10.5	26.8	45.6	68.4	94.1	122.1	150.7	179.3	210.7	241.4
37.5°	0.0	10.8	27.9	48.0	71.9	98.4	128.0	157.6	187.9	220.4	252.7
35°	0.0	11.1	29.0	50.2	75.1	102.9	133.6	164.1	195.9	229.5	263.6
32.5°	0.0	11.4	30.0	52.3	78.2	107.2	138.8	170.2	203.3	238.1	273.0
30°	0.0	11.6	31.0	54.3	81.0	111.3	143.7	176.0	210.1	246.0	281.6
27.5°	0.0	11.8	31.9	56.1	83.8	115.0	148.2	181.5	216.4	253.4	289.3
25°	0.0	12.0	32.8	57.8	86.4	118.4	152.3	186.4	222.2	259.8	296.1
22.5°	0.0	12.2	33.6	59.3	88.7	121.5	156.0	190.8	227.5	265.3	302.0
20°	0.0	12.3	34.3	60.7	90.8	124.2	159.3	194.6	232.2	270.1	307.4
17.5°	0.0	12.4	34.9	61.9	92.7	126.4	162.1	197.9	236.3	274.2	312.2
15°	0.0	12.5	35.5	62.9	94.3	128.3	164.3	200.8	239.8	277.5	316.3
12.5°	0.0	12.5	36.0	63.8	95.6	129.8	166.1	203.5	242.7	280.0	319.7
10°	0.0	12.6	36.4	64.6	96.8	130.9	167.5	205.8	244.9	282.8	323.0
7.5°	0.0	12.6	36.7	65.2	97.7	131.6	168.5	207.6	246.4	285.1	326.8
5°	0.0	12.5	36.9	65.6	98.3	132.0	169.0	208.9	247.3	286.8	329.8
2.5°	0.0	12.5	37.1	65.8	98.7	132.0	169.1	209.7	247.4	287.8	332.1
0°	0.0	12.4	37.1	65.9	98.8	131.7	168.8	210.0	247.0	288.2	333.5
-2.5°	0.0	12.5	37.1	65.8	98.7	132.0	169.1	209.7	247.4	287.8	332.1
-5°	0.0	12.5	36.9	65.6	98.3	132.0	169.0	208.9	247.3	286.8	329.8
-7.5°	0.0	12.6	36.7	65.2	97.7	131.6	168.5	207.6	246.4	285.1	326.8
-10°	0.0	12.6	36.4	64.6	96.8	130.9	167.5	205.8	244.9	282.8	323.0
-12.5°	0.0	12.5	36.0	63.8	95.6	129.8	166.1	203.5	242.7	280.0	319.7
-15°	0.0	12.5	35.5	62.9	94.3	128.3	164.3	200.8	239.8	277.5	316.3
-17.5°	0.0	12.4	34.9	61.9	92.7	126.4	162.1	197.9	236.3	274.2	312.2
-20°	0.0	12.3	34.3	60.7	90.8	124.2	159.3	194.6	232.2	270.1	307.4

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Scaled Data Report



REPORT NUMBER: P627209 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA3D-730-U-NR-XX

CANDELA DISTRIBUTION (continued):

	-90°	-87.5°	-85°	-82.5°	-80°	-77.5°	-75°	-72.5°	-70°	-67.5°	-65°
-22.5°	0.0	12.2	33.6	59.3	88.7	121.5	156.0	190.8	227.5	265.3	302.0
-25°	0.0	12.0	32.8	57.8	86.4	118.4	152.3	186.4	222.2	259.8	296.1
-27.5°	0.0	11.8	31.9	56.1	83.8	115.0	148.2	181.5	216.4	253.4	289.3
-30°	0.0	11.6	31.0	54.3	81.0	111.3	143.7	176.0	210.1	246.0	281.6
-32.5°	0.0	11.4	30.0	52.3	78.2	107.2	138.8	170.2	203.3	238.1	273.0
-35°	0.0	11.1	29.0	50.2	75.1	102.9	133.6	164.1	195.9	229.5	263.6
-37.5°	0.0	10.8	27.9	48.0	71.9	98.4	128.0	157.6	187.9	220.4	252.7
-40°	0.0	10.5	26.8	45.6	68.4	94.1	122.1	150.7	179.3	210.7	241.4
-42.5°	0.0	10.2	25.6	43.2	65.0	89.5	115.8	143.4	170.7	200.3	229.7
-45°	0.0	9.8	24.3	40.6	61.6	84.7	109.2	135.7	161.9	189.5	217.7
-47.5°	0.0	9.4	23.0	38.0	58.1	79.6	102.4	127.7	152.7	178.4	205.4
-50°	0.0	9.0	21.7	35.8	54.4	74.3	95.9	119.3	143.2	167.6	192.8
-52.5°	0.0	8.5	20.3	33.8	50.6	68.9	89.4	110.6	133.2	156.2	180.0
-55°	0.0	8.1	18.9	31.6	46.7	63.8	82.6	101.8	122.7	144.3	166.6
-57.5°	0.0	7.6	17.4	29.4	42.6	58.7	75.6	93.6	111.8	131.9	152.6
-60°	0.0	7.1	15.9	27.0	38.4	53.5	68.5	85.1	100.9	119.0	138.1
-62.5°	0.0	6.6	14.8	24.6	35.1	48.1	62.0	76.3	90.9	105.7	123.0
-65°	0.0	6.0	13.6	22.2	31.7	42.6	55.4	67.7	80.7	93.8	107.6
-67.5°	0.0	5.5	12.4	19.6	28.2	37.5	48.6	59.7	70.3	82.1	93.8
-70°	0.0	4.9	11.1	17.0	24.6	32.8	41.7	51.6	61.0	70.3	80.7
-72.5°	0.0	4.3	9.8	14.8	20.9	28.1	35.7	43.4	51.6	59.7	67.7
-75°	0.0	3.7	8.5	12.8	17.2	23.2	29.6	35.9	42.1	49.1	55.9
-77.5°	0.0	3.1	7.1	10.7	14.2	18.2	23.5	28.7	33.7	38.7	44.1
-80°	0.0	2.5	5.7	8.6	11.4	14.2	17.2	21.4	25.4	29.4	33.4
-82.5°	0.0	1.9	4.3	6.4	8.6	10.7	12.8	14.8	17.1	20.1	23.0
-85°	0.0	1.3	2.9	4.3	5.7	7.1	8.5	9.9	11.3	12.6	13.9
-87.5°	0.0	0.6	1.4	2.2	2.9	3.6	4.3	5.0	5.6	6.3	7.0
-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°	7.6	8.2	8.9	9.5	10.0	10.6	11.1	11.7	12.2	12.6	13.1
85°	15.2	16.5	18.3	20.1	21.6	23.0	24.1	25.0	26.7	28.5	30.3
82.5°	25.9	28.8	31.5	34.2	36.1	37.5	39.0	41.1	44.7	48.2	51.4
80°	37.2	41.0	45.3	49.5	53.0	56.6	60.3	64.1	68.1	71.9	75.5
77.5°	49.7	55.2	60.5	65.8	70.9	76.5	82.0	87.2	92.1	96.9	101.4
75°	62.7	69.3	76.5	83.7	90.6	97.3	103.9	111.0	117.8	124.2	130.3
72.5°	76.3	85.1	93.7	102.0	111.0	119.9	128.4	136.7	144.7	153.1	161.9
70°	90.9	100.9	112.0	122.7	132.8	143.4	153.9	163.0	171.7	183.2	195.1
67.5°	105.8	119.4	132.0	144.1	157.5	169.9	180.7	192.2	204.5	217.9	229.6
65°	123.5	138.2	152.9	168.1	183.6	196.5	210.0	224.3	238.3	251.6	264.3
62.5°	140.9	157.5	174.4	191.0	206.9	222.4	238.7	254.6	270.0	285.5	299.1
60°	157.7	176.6	194.3	211.7	229.7	249.0	267.0	284.7	303.1	320.6	329.8
57.5°	173.9	194.0	212.6	232.1	253.3	275.1	294.0	314.0	329.8	341.9	353.8
55°	189.1	210.0	230.4	252.3	275.4	298.0	319.1	336.9	351.4	362.6	375.2
52.5°	203.4	225.4	247.6	271.6	296.0	320.2	342.2	358.9	372.0	383.5	395.3
50°	217.4	240.6	264.0	290.2	316.5	342.2	363.8	379.0	391.4	403.1	415.2
47.5°	231.1	255.5	280.7	308.7	337.1	361.9	382.4	396.3	408.8	422.6	435.8
45°	244.7	271.0	297.7	327.7	356.3	380.2	397.6	411.6	427.0	441.8	456.1
42.5°	257.9	286.2	315.2	346.3	374.0	395.5	411.7	428.2	444.9	460.7	476.7
40°	271.2	300.8	331.6	362.6	390.4	408.9	426.1	443.9	462.2	479.4	497.3
37.5°	283.9	314.7	346.3	377.7	402.9	421.7	439.6	459.2	478.5	497.3	520.5
35°	296.0	327.2	359.2	389.5	413.7	433.2	453.2	473.9	494.2	518.4	544.8
32.5°	306.8	338.5	370.9	399.1	422.9	443.9	466.3	487.9	512.2	539.7	571.4
30°	316.0	348.4	380.9	408.4	431.7	453.9	478.2	502.1	530.5	563.5	601.2
27.5°	324.0	357.3	388.9	416.4	440.0	462.2	487.7	517.8	550.5	587.5	631.8
25°	331.5	366.2	396.4	423.7	446.7	469.8	497.2	530.5	569.8	614.4	668.6
22.5°	338.6	374.9	404.0	430.6	451.9	477.0	507.8	544.0	586.7	638.9	705.0
20°	345.3	381.3	410.1	436.1	455.9	483.1	517.1	555.7	604.2	666.6	743.0
17.5°	351.6	386.8	414.8	439.3	461.0	489.7	525.3	565.3	619.5	691.7	777.9
15°	357.3	391.4	418.7	442.0	465.6	496.6	533.8	577.2	636.4	715.6	808.8
12.5°	362.3	395.1	421.6	444.0	469.3	502.2	541.4	589.6	654.6	739.1	848.0
10°	366.5	398.0	423.7	445.4	472.1	506.6	547.7	599.6	669.1	757.4	878.1
7.5°	370.2	400.2	425.1	446.2	473.9	509.6	552.7	607.3	679.2	770.3	899.9
5°	372.7	402.1	426.8	448.7	476.6	511.9	556.3	612.6	685.2	778.1	913.4
2.5°	374.2	403.1	427.9	451.1	479.6	514.0	559.0	618.3	690.0	785.6	923.8
0°	374.7	403.5	428.2	452.9	481.7	514.6	559.9	621.7	691.7	790.5	930.5
-2.5°	374.2	403.1	427.9	451.1	479.6	514.0	559.0	618.3	690.0	785.6	923.8
-5°	372.7	402.1	426.8	448.7	476.6	511.9	556.3	612.6	685.2	778.1	913.4
-7.5°	370.2	400.2	425.1	446.2	473.9	509.6	552.7	607.3	679.2	770.3	899.9
-10°	366.5	398.0	423.7	445.4	472.1	506.6	547.7	599.6	669.1	757.4	878.1
-12.5°	362.3	395.1	421.6	444.0	469.3	502.2	541.4	589.6	654.6	739.1	848.0
-15°	357.3	391.4	418.7	442.0	465.6	496.6	533.8	577.2	636.4	715.6	808.8
-17.5°	351.6	386.8	414.8	439.3	461.0	489.7	525.3	565.3	619.5	691.7	777.9
-20°	345.3	381.3	410.1	436.1	455.9	483.1	517.1	555.7	604.2	666.6	743.0

Classified

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

Scaled Data Report



REPORT NUMBER: P627209 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA3D-730-U-NR-XX

CANDELA DISTRIBUTION (continued):

	-62.5°	-60°	-57.5°	-55°	-52.5°	-50°	-47.5°	-45°	-42.5°	-40°	-37.5°
-22.5°	338.6	374.9	404.0	430.6	451.9	477.0	507.8	544.0	586.7	638.9	705.0
-25°	331.5	366.2	396.4	423.7	446.7	469.8	497.2	530.5	569.8	614.4	668.6
-27.5°	324.0	357.3	388.9	416.4	440.0	462.2	487.7	517.8	550.5	587.5	631.8
-30°	316.0	348.4	380.9	408.4	431.7	453.9	478.2	502.1	530.5	563.5	601.2
-32.5°	306.8	338.5	370.9	399.1	422.9	443.9	466.3	487.9	512.2	539.7	571.4
-35°	296.0	327.2	359.2	389.5	413.7	433.2	453.2	473.9	494.2	518.4	544.8
-37.5°	283.9	314.7	346.3	377.7	402.9	421.7	439.6	459.2	478.5	497.3	520.5
-40°	271.2	300.8	331.6	362.6	390.4	408.9	426.1	443.9	462.2	479.4	497.3
-42.5°	257.9	286.2	315.2	346.3	374.0	395.5	411.7	428.2	444.9	460.7	476.7
-45°	244.7	271.0	297.7	327.7	356.3	380.2	397.6	411.6	427.0	441.8	456.1
-47.5°	231.1	255.5	280.7	308.7	337.1	361.9	382.4	396.3	408.8	422.6	435.8
-50°	217.4	240.6	264.0	290.2	316.5	342.2	363.8	379.0	391.4	403.1	415.2
-52.5°	203.4	225.4	247.6	271.6	296.0	320.2	342.2	358.9	372.0	383.5	395.3
-55°	189.1	210.0	230.4	252.3	275.4	298.0	319.1	336.9	351.4	362.6	375.2
-57.5°	173.9	194.0	212.6	232.1	253.3	275.1	294.0	314.0	329.8	341.9	353.8
-60°	157.7	176.6	194.3	211.7	229.7	249.0	267.0	284.7	303.1	320.6	329.8
-62.5°	140.9	157.5	174.4	191.0	206.9	222.4	238.7	254.6	270.0	285.5	299.1
-65°	123.5	138.2	152.9	168.1	183.6	196.5	210.0	224.3	238.3	251.6	264.3
-67.5°	105.8	119.4	132.0	144.1	157.5	169.9	180.7	192.2	204.5	217.9	229.6
-70°	90.9	100.9	112.0	122.7	132.8	143.4	153.9	163.0	171.7	183.2	195.1
-72.5°	76.3	85.1	93.7	102.0	111.0	119.9	128.4	136.7	144.7	153.1	161.9
-75°	62.7	69.3	76.5	83.7	90.6	97.3	103.9	111.0	117.8	124.2	130.3
-77.5°	49.7	55.2	60.5	65.8	70.9	76.5	82.0	87.2	92.1	96.9	101.4
-80°	37.2	41.0	45.3	49.5	53.0	56.6	60.3	64.1	68.1	71.9	75.5
-82.5°	25.9	28.8	31.5	34.2	36.1	37.5	39.0	41.1	44.7	48.2	51.4
-85°	15.2	16.5	18.3	20.1	21.6	23.0	24.1	25.0	26.7	28.5	30.3
-87.5°	7.6	8.2	8.9	9.5	10.0	10.6	11.1	11.7	12.2	12.6	13.1
-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: P627209 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA3D-730-U-NR-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°	13.5	13.9	14.3	14.6	15.0	15.2	15.5	15.7	15.9	15.1	14.2
85°	32.2	33.4	34.6	35.6	36.6	37.4	38.2	38.9	39.5	39.0	38.4
82.5°	54.3	56.4	58.4	60.2	61.9	63.4	64.8	66.0	67.0	67.0	66.7
80°	78.9	82.4	86.0	89.5	92.9	95.0	96.5	97.7	98.5	98.8	98.9
77.5°	106.1	111.5	117.2	122.8	128.3	131.5	133.7	135.6	137.1	137.4	137.2
75°	136.1	143.2	151.0	157.8	163.7	167.3	169.8	171.9	173.6	174.0	173.8
72.5°	171.1	179.8	186.8	192.5	197.5	201.4	204.5	207.2	209.4	210.3	210.4
70°	205.5	214.1	220.7	226.5	231.4	235.5	239.2	242.5	245.2	247.1	248.5
67.5°	240.3	250.1	257.0	262.3	266.4	270.6	275.7	280.0	283.6	286.1	287.3
65°	276.1	286.3	292.8	298.6	303.6	309.0	314.6	318.7	321.4	323.1	324.2
62.5°	310.8	320.2	328.5	336.1	343.5	349.6	353.4	356.9	359.8	362.3	364.1
60°	340.5	352.6	361.8	369.2	376.3	383.3	388.0	391.7	394.6	396.8	398.1
57.5°	365.9	378.2	389.1	396.2	404.0	412.3	417.7	420.9	423.8	426.3	427.4
55°	388.1	399.5	409.5	419.2	428.0	435.4	441.2	445.4	449.0	451.8	452.8
52.5°	408.1	420.4	432.2	442.5	451.1	458.3	464.0	469.2	473.3	476.0	477.2
50°	429.1	442.3	455.0	466.3	475.1	483.1	490.2	496.4	502.4	507.1	510.4
47.5°	449.7	463.9	477.8	490.3	500.9	512.4	522.8	531.7	540.3	547.3	552.1
45°	470.5	486.9	502.1	518.1	532.4	547.6	561.8	573.9	586.4	595.9	602.2
42.5°	493.7	512.2	530.5	550.5	570.0	589.8	611.2	630.2	645.0	658.8	670.0
40°	518.4	539.7	563.5	588.0	616.8	642.9	671.6	696.3	718.6	742.2	761.0
37.5°	544.8	571.4	602.7	635.5	672.8	708.5	746.0	782.9	815.1	853.1	882.0
35°	574.1	609.5	648.1	692.4	738.8	790.0	841.3	900.6	951.7	1007.8	1056.8
32.5°	608.6	651.0	701.5	760.0	819.6	897.3	969.9	1064.3	1146.0	1235.1	1324.8
30°	644.2	699.5	764.8	838.4	933.2	1040.0	1159.2	1299.6	1444.5	1584.6	1753.6
27.5°	688.3	755.0	834.0	941.7	1081.1	1225.6	1430.4	1641.2	1907.4	2127.6	2438.0
25°	734.1	812.6	924.8	1071.3	1253.3	1504.0	1814.8	2151.8	2620.1	3031.6	3514.1
22.5°	783.9	889.9	1029.6	1210.4	1486.3	1871.1	2341.8	2976.1	3666.9	4400.2	5129.8
20°	835.8	964.1	1147.1	1409.2	1787.8	2309.0	3117.0	4096.3	5083.1	6293.1	7364.7
17.5°	895.9	1059.2	1284.8	1612.5	2117.7	2916.1	4037.1	5404.2	6935.1	8675.0	10219.7
15°	946.0	1140.7	1425.4	1883.9	2578.7	3604.0	5017.8	6898.4	9199.0	11535.6	13906.3
12.5°	1004.2	1229.4	1563.8	2110.4	2983.1	4345.8	6270.1	8650.5	11523.6	14764.6	18585.4
10°	1055.8	1316.5	1732.1	2408.8	3475.3	5119.3	7454.7	10318.5	14026.3	18689.4	24606.1
7.5°	1094.1	1385.8	1862.1	2635.9	3900.8	5863.0	8574.0	12145.0	16856.4	23014.0	31134.2
5°	1118.9	1435.9	1954.0	2811.1	4233.9	6416.5	9394.2	13440.5	19124.5	27833.4	41584.0
2.5°	1133.8	1465.6	2006.5	2913.8	4436.4	6783.3	10018.3	14420.2	20594.4	30811.8	48305.1
0°	1140.4	1473.9	2037.9	2968.4	4504.0	6924.9	10304.9	14866.6	21252.1	31507.7	49486.8
-2.5°	1133.8	1465.6	2006.5	2913.8	4436.4	6783.3	10018.3	14420.2	20594.4	30811.8	48305.1
-5°	1118.9	1435.9	1954.0	2811.1	4233.9	6416.5	9394.2	13440.5	19124.5	27833.4	41584.0
-7.5°	1094.1	1385.8	1862.1	2635.9	3900.8	5863.0	8574.0	12145.0	16856.4	23014.0	31134.2
-10°	1055.8	1316.5	1732.1	2408.8	3475.3	5119.3	7454.7	10318.5	14026.3	18689.4	24606.1
-12.5°	1004.2	1229.4	1563.8	2110.4	2983.1	4345.8	6270.1	8650.5	11523.6	14764.6	18585.4
-15°	946.0	1140.7	1425.4	1883.9	2578.7	3604.0	5017.8	6898.4	9199.0	11535.6	13906.3
-17.5°	895.9	1059.2	1284.8	1612.5	2117.7	2916.1	4037.1	5404.2	6935.1	8675.0	10219.7
-20°	835.8	964.1	1147.1	1409.2	1787.8	2309.0	3117.0	4096.3	5083.1	6293.1	7364.7



REPORT NUMBER: P627209 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA3D-730-U-NR-XX

CANDELA DISTRIBUTION (continued):

	-35°	-32.5°	-30°	-27.5°	-25°	-22.5°	-20°	-17.5°	-15°	-12.5°	-10°
-22.5°	783.9	889.9	1029.6	1210.4	1486.3	1871.1	2341.8	2976.1	3666.9	4400.2	5129.8
-25°	734.1	812.6	924.8	1071.3	1253.3	1504.0	1814.8	2151.8	2620.1	3031.6	3514.1
-27.5°	688.3	755.0	834.0	941.7	1081.1	1225.6	1430.4	1641.2	1907.4	2127.6	2438.0
-30°	644.2	699.5	764.8	838.4	933.2	1040.0	1159.2	1299.6	1444.5	1584.6	1753.6
-32.5°	608.6	651.0	701.5	760.0	819.6	897.3	969.9	1064.3	1146.0	1235.1	1324.8
-35°	574.1	609.5	648.1	692.4	738.8	790.0	841.3	900.6	951.7	1007.8	1056.8
-37.5°	544.8	571.4	602.7	635.5	672.8	708.5	746.0	782.9	815.1	853.1	882.0
-40°	518.4	539.7	563.5	588.0	616.8	642.9	671.6	696.3	718.6	742.2	761.0
-42.5°	493.7	512.2	530.5	550.5	570.0	589.8	611.2	630.2	645.0	658.8	670.0
-45°	470.5	486.9	502.1	518.1	532.4	547.6	561.8	573.9	586.4	595.9	602.2
-47.5°	449.7	463.9	477.8	490.3	500.9	512.4	522.8	531.7	540.3	547.3	552.1
-50°	429.1	442.3	455.0	466.3	475.1	483.1	490.2	496.4	502.4	507.1	510.4
-52.5°	408.1	420.4	432.2	442.5	451.1	458.3	464.0	469.2	473.3	476.0	477.2
-55°	388.1	399.5	409.5	419.2	428.0	435.4	441.2	445.4	449.0	451.8	452.8
-57.5°	365.9	378.2	389.1	396.2	404.0	412.3	417.7	420.9	423.8	426.3	427.4
-60°	340.5	352.6	361.8	369.2	376.3	383.3	388.0	391.7	394.6	396.8	398.1
-62.5°	310.8	320.2	328.5	336.1	343.5	349.6	353.4	356.9	359.8	362.3	364.1
-65°	276.1	286.3	292.8	298.6	303.6	309.0	314.6	318.7	321.4	323.1	324.2
-67.5°	240.3	250.1	257.0	262.3	266.4	270.6	275.7	280.0	283.6	286.1	287.3
-70°	205.5	214.1	220.7	226.5	231.4	235.5	239.2	242.5	245.2	247.1	248.5
-72.5°	171.1	179.8	186.8	192.5	197.5	201.4	204.5	207.2	209.4	210.3	210.4
-75°	136.1	143.2	151.0	157.8	163.7	167.3	169.8	171.9	173.6	174.0	173.8
-77.5°	106.1	111.5	117.2	122.8	128.3	131.5	133.7	135.6	137.1	137.4	137.2
-80°	78.9	82.4	86.0	89.5	92.9	95.0	96.5	97.7	98.5	98.8	98.9
-82.5°	54.3	56.4	58.4	60.2	61.9	63.4	64.8	66.0	67.0	67.0	66.7
-85°	32.2	33.4	34.6	35.6	36.6	37.4	38.2	38.9	39.5	39.0	38.4
-87.5°	13.5	13.9	14.3	14.6	15.0	15.2	15.5	15.7	15.9	15.1	14.2
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



REPORT NUMBER: P627209 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA3D-730-U-NR-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°	13.3	12.4	12.4	12.4	12.4	12.4	13.3	14.2	15.1	15.9	15.7
85°	37.7	36.9	37.1	37.1	37.1	36.9	37.7	38.4	39.0	39.5	38.9
82.5°	66.2	65.6	65.8	65.9	65.8	65.6	66.2	66.7	67.0	67.0	66.0
80°	98.7	98.3	96.7	94.7	96.7	98.3	98.7	98.9	98.8	98.5	97.7
77.5°	136.4	135.3	133.7	131.7	133.7	135.3	136.4	137.2	137.4	137.1	135.6
75°	173.2	172.2	172.7	172.9	172.7	172.2	173.2	173.8	174.0	173.6	171.9
72.5°	210.1	209.2	209.7	210.0	209.7	209.2	210.1	210.4	210.3	209.4	207.2
70°	249.5	249.9	248.9	247.0	248.9	249.9	249.5	248.5	247.1	245.2	242.5
67.5°	287.6	287.2	286.0	284.1	286.0	287.2	287.6	287.3	286.1	283.6	280.0
65°	324.5	324.1	324.8	325.2	324.8	324.1	324.5	324.2	323.1	321.4	318.7
62.5°	365.1	365.1	364.2	362.3	364.2	365.1	365.1	364.1	362.3	359.8	356.9
60°	398.7	398.4	397.2	395.2	397.2	398.4	398.7	398.1	396.8	394.6	391.7
57.5°	427.8	427.4	426.1	424.1	426.1	427.4	427.8	427.4	426.3	423.8	420.9
55°	452.9	452.3	450.9	448.8	450.9	452.3	452.9	452.8	451.8	449.0	445.4
52.5°	477.5	477.0	477.2	477.6	477.2	477.0	477.5	477.2	476.0	473.3	469.2
50°	512.5	513.2	512.5	510.5	512.5	513.2	512.5	510.4	507.1	502.4	496.4
47.5°	554.4	554.6	553.7	551.7	553.7	554.6	554.4	552.1	547.3	540.3	531.7
45°	607.2	610.2	610.9	609.3	610.9	610.2	607.2	602.2	595.9	586.4	573.9
42.5°	678.7	683.3	684.7	683.4	684.7	683.3	678.7	670.0	658.8	645.0	630.2
40°	772.5	777.8	778.8	778.1	778.8	777.8	772.5	761.0	742.2	718.6	696.3
37.5°	902.4	915.4	921.5	922.2	921.5	915.4	902.4	882.0	853.1	815.1	782.9
35°	1094.0	1119.9	1133.7	1140.4	1133.7	1119.9	1094.0	1056.8	1007.8	951.7	900.6
32.5°	1392.8	1444.6	1473.3	1469.8	1473.3	1444.6	1392.8	1324.8	1235.1	1146.0	1064.3
30°	1881.0	1971.5	2017.0	2005.0	2017.0	1971.5	1881.0	1753.6	1584.6	1444.5	1299.6
27.5°	2660.9	2824.5	2919.1	2906.6	2919.1	2824.5	2660.9	2438.0	2127.6	1907.4	1641.2
25°	3917.5	4216.1	4407.3	4359.9	4407.3	4216.1	3917.5	3514.1	3031.6	2620.1	2151.8
22.5°	5829.1	6334.9	6669.7	6628.4	6669.7	6334.9	5829.1	5129.8	4400.2	3666.9	2976.1
20°	8451.2	9221.1	9771.0	9843.8	9771.0	9221.1	8451.2	7364.7	6293.1	5083.1	4096.3
17.5°	11888.3	13109.2	13959.0	14100.8	13959.0	13109.2	11888.3	10219.7	8675.0	6935.1	5404.2
15°	16355.3	18350.8	19794.9	19914.1	19794.9	18350.8	16355.3	13906.3	11535.6	9199.0	6898.4
12.5°	22420.8	26434.3	29053.6	30206.7	29053.6	26434.3	22420.8	18585.4	14764.6	11523.6	8650.5
10°	30815.2	40033.8	45937.5	48157.0	45937.5	40033.8	30815.2	24606.1	18689.4	14026.3	10318.5
7.5°	44836.3	59309.7	75400.4	82258.4	75400.4	59309.7	44836.3	31134.2	23014.0	16856.4	12145.0
5°	60714.1	90752.4	119324.0	130481.2	119324.0	90752.4	60714.1	41584.0	27833.4	19124.5	13440.5
2.5°	77421.7	119290.6	158525.0	173868.7	158525.0	119290.6	77421.7	48305.1	30811.8	20594.4	14420.2
0°	83946.4	131786.3	174953.5	192158.5	174953.5	131786.3	83946.4	49486.8	31507.7	21252.1	14866.6
-2.5°	77421.7	119290.6	158525.0	173868.7	158525.0	119290.6	77421.7	48305.1	30811.8	20594.4	14420.2
-5°	60714.1	90752.4	119324.0	130481.2	119324.0	90752.4	60714.1	41584.0	27833.4	19124.5	13440.5
-7.5°	44836.3	59309.7	75400.4	82258.4	75400.4	59309.7	44836.3	31134.2	23014.0	16856.4	12145.0
-10°	30815.2	40033.8	45937.5	48157.0	45937.5	40033.8	30815.2	24606.1	18689.4	14026.3	10318.5
-12.5°	22420.8	26434.3	29053.6	30206.7	29053.6	26434.3	22420.8	18585.4	14764.6	11523.6	8650.5
-15°	16355.3	18350.8	19794.9	19914.1	19794.9	18350.8	16355.3	13906.3	11535.6	9199.0	6898.4
-17.5°	11888.3	13109.2	13959.0	14100.8	13959.0	13109.2	11888.3	10219.7	8675.0	6935.1	5404.2
-20°	8451.2	9221.1	9771.0	9843.8	9771.0	9221.1	8451.2	7364.7	6293.1	5083.1	4096.3



REPORT NUMBER: P627209 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA3D-730-U-NR-XX

CANDELA DISTRIBUTION (continued):

	-7.5°	-5°	-2.5°	0°	2.5°	5°	7.5°	10°	12.5°	15°	17.5°
-22.5°	5829.1	6334.9	6669.7	6628.4	6669.7	6334.9	5829.1	5129.8	4400.2	3666.9	2976.1
-25°	3917.5	4216.1	4407.3	4359.9	4407.3	4216.1	3917.5	3514.1	3031.6	2620.1	2151.8
-27.5°	2660.9	2824.5	2919.1	2906.6	2919.1	2824.5	2660.9	2438.0	2127.6	1907.4	1641.2
-30°	1881.0	1971.5	2017.0	2005.0	2017.0	1971.5	1881.0	1753.6	1584.6	1444.5	1299.6
-32.5°	1392.8	1444.6	1473.3	1469.8	1473.3	1444.6	1392.8	1324.8	1235.1	1146.0	1064.3
-35°	1094.0	1119.9	1133.7	1140.4	1133.7	1119.9	1094.0	1056.8	1007.8	951.7	900.6
-37.5°	902.4	915.4	921.5	922.2	921.5	915.4	902.4	882.0	853.1	815.1	782.9
-40°	772.5	777.8	778.8	778.1	778.8	777.8	772.5	761.0	742.2	718.6	696.3
-42.5°	678.7	683.3	684.7	683.4	684.7	683.3	678.7	670.0	658.8	645.0	630.2
-45°	607.2	610.2	610.9	609.3	610.9	610.2	607.2	602.2	595.9	586.4	573.9
-47.5°	554.4	554.6	553.7	551.7	553.7	554.6	554.4	552.1	547.3	540.3	531.7
-50°	512.5	513.2	512.5	510.5	512.5	513.2	512.5	510.4	507.1	502.4	496.4
-52.5°	477.5	477.0	477.2	477.6	477.2	477.0	477.5	477.2	476.0	473.3	469.2
-55°	452.9	452.3	450.9	448.8	450.9	452.3	452.9	452.8	451.8	449.0	445.4
-57.5°	427.8	427.4	426.1	424.1	426.1	427.4	427.8	427.4	426.3	423.8	420.9
-60°	398.7	398.4	397.2	395.2	397.2	398.4	398.7	398.1	396.8	394.6	391.7
-62.5°	365.1	365.1	364.2	362.3	364.2	365.1	365.1	364.1	362.3	359.8	356.9
-65°	324.5	324.1	324.8	325.2	324.8	324.1	324.5	324.2	323.1	321.4	318.7
-67.5°	287.6	287.2	286.0	284.1	286.0	287.2	287.6	287.3	286.1	283.6	280.0
-70°	249.5	249.9	248.9	247.0	248.9	249.9	249.5	248.5	247.1	245.2	242.5
-72.5°	210.1	209.2	209.7	210.0	209.7	209.2	210.1	210.4	210.3	209.4	207.2
-75°	173.2	172.2	172.7	172.9	172.7	172.2	173.2	173.8	174.0	173.6	171.9
-77.5°	136.4	135.3	133.7	131.7	133.7	135.3	136.4	137.2	137.4	137.1	135.6
-80°	98.7	98.3	96.7	94.7	96.7	98.3	98.7	98.9	98.8	98.5	97.7
-82.5°	66.2	65.6	65.8	65.9	65.8	65.6	66.2	66.7	67.0	67.0	66.0
-85°	37.7	36.9	37.1	37.1	37.1	36.9	37.7	38.4	39.0	39.5	38.9
-87.5°	13.3	12.4	12.4	12.4	12.4	12.4	13.3	14.2	15.1	15.9	15.7
-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: P627209 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA3D-730-U-NR-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°	15.5	15.2	15.0	14.6	14.3	13.9	13.5	13.1	12.6	12.2	11.7
85°	38.2	37.4	36.6	35.6	34.6	33.4	32.2	30.3	28.5	26.7	25.0
82.5°	64.8	63.4	61.9	60.2	58.4	56.4	54.3	51.4	48.2	44.7	41.1
80°	96.5	95.0	92.9	89.5	86.0	82.4	78.9	75.5	71.9	68.1	64.1
77.5°	133.7	131.5	128.3	122.8	117.2	111.5	106.1	101.4	96.9	92.1	87.2
75°	169.8	167.3	163.7	157.8	151.0	143.2	136.1	130.3	124.2	117.8	111.0
72.5°	204.5	201.4	197.5	192.5	186.8	179.8	171.1	161.9	153.1	144.7	136.7
70°	239.2	235.5	231.4	226.5	220.7	214.1	205.5	195.1	183.2	171.7	163.0
67.5°	275.7	270.6	266.4	262.3	257.0	250.1	240.3	229.6	217.9	204.5	192.2
65°	314.6	309.0	303.6	298.6	292.8	286.3	276.1	264.3	251.6	238.3	224.3
62.5°	353.4	349.6	343.5	336.1	328.5	320.2	310.8	299.1	285.5	270.0	254.6
60°	388.0	383.3	376.3	369.2	361.8	352.6	340.5	329.8	320.6	303.1	284.7
57.5°	417.7	412.3	404.0	396.2	389.1	378.2	365.9	353.8	341.9	329.8	314.0
55°	441.2	435.4	428.0	419.2	409.5	399.5	388.1	375.2	362.6	351.4	336.9
52.5°	464.0	458.3	451.1	442.5	432.2	420.4	408.1	395.3	383.5	372.0	358.9
50°	490.2	483.1	475.1	466.3	455.0	442.3	429.1	415.2	403.1	391.4	379.0
47.5°	522.8	512.4	500.9	490.3	477.8	463.9	449.7	435.8	422.6	408.8	396.3
45°	561.8	547.6	532.4	518.1	502.1	486.9	470.5	456.1	441.8	427.0	411.6
42.5°	611.2	589.8	570.0	550.5	530.5	512.2	493.7	476.7	460.7	444.9	428.2
40°	671.6	642.9	616.8	588.0	563.5	539.7	518.4	497.3	479.4	462.2	443.9
37.5°	746.0	708.5	672.8	635.5	602.7	571.4	544.8	520.5	497.3	478.5	459.2
35°	841.3	790.0	738.8	692.4	648.1	609.5	574.1	544.8	518.4	494.2	473.9
32.5°	969.9	897.3	819.6	760.0	701.5	651.0	608.6	571.4	539.7	512.2	487.9
30°	1159.2	1040.0	933.2	838.4	764.8	699.5	644.2	601.2	563.5	530.5	502.1
27.5°	1430.4	1225.6	1081.1	941.7	834.0	755.0	688.3	631.8	587.5	550.5	517.8
25°	1814.8	1504.0	1253.3	1071.3	924.8	812.6	734.1	668.6	614.4	569.8	530.5
22.5°	2341.8	1871.1	1486.3	1210.4	1029.6	889.9	783.9	705.0	638.9	586.7	544.0
20°	3117.0	2309.0	1787.8	1409.2	1147.1	964.1	835.8	743.0	666.6	604.2	555.7
17.5°	4037.1	2916.1	2117.7	1612.5	1284.8	1059.2	895.9	777.9	691.7	619.5	565.3
15°	5017.8	3604.0	2578.7	1883.9	1425.4	1140.7	946.0	808.8	715.6	636.4	577.2
12.5°	6270.1	4345.8	2983.1	2110.4	1563.8	1229.4	1004.2	848.0	739.1	654.6	589.6
10°	7454.7	5119.3	3475.3	2408.8	1732.1	1316.5	1055.8	878.1	757.4	669.1	599.6
7.5°	8574.0	5863.0	3900.8	2635.9	1862.1	1385.8	1094.1	899.9	770.3	679.2	607.3
5°	9394.2	6416.5	4233.9	2811.1	1954.0	1435.9	1118.9	913.4	778.1	685.2	612.6
2.5°	10018.3	6783.3	4436.4	2913.8	2006.5	1465.6	1133.8	923.8	785.6	690.0	618.3
0°	10304.9	6924.9	4504.0	2968.4	2037.9	1473.9	1140.4	930.5	790.5	691.7	621.7
-2.5°	10018.3	6783.3	4436.4	2913.8	2006.5	1465.6	1133.8	923.8	785.6	690.0	618.3
-5°	9394.2	6416.5	4233.9	2811.1	1954.0	1435.9	1118.9	913.4	778.1	685.2	612.6
-7.5°	8574.0	5863.0	3900.8	2635.9	1862.1	1385.8	1094.1	899.9	770.3	679.2	607.3
-10°	7454.7	5119.3	3475.3	2408.8	1732.1	1316.5	1055.8	878.1	757.4	669.1	599.6
-12.5°	6270.1	4345.8	2983.1	2110.4	1563.8	1229.4	1004.2	848.0	739.1	654.6	589.6
-15°	5017.8	3604.0	2578.7	1883.9	1425.4	1140.7	946.0	808.8	715.6	636.4	577.2
-17.5°	4037.1	2916.1	2117.7	1612.5	1284.8	1059.2	895.9	777.9	691.7	619.5	565.3
-20°	3117.0	2309.0	1787.8	1409.2	1147.1	964.1	835.8	743.0	666.6	604.2	555.7

Classified

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

Scaled Data Report



REPORT NUMBER: P627209 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA3D-730-U-NR-XX

CANDELA DISTRIBUTION (continued):

	20°	22.5°	25°	27.5°	30°	32.5°	35°	37.5°	40°	42.5°	45°
-22.5°	2341.8	1871.1	1486.3	1210.4	1029.6	889.9	783.9	705.0	638.9	586.7	544.0
-25°	1814.8	1504.0	1253.3	1071.3	924.8	812.6	734.1	668.6	614.4	569.8	530.5
-27.5°	1430.4	1225.6	1081.1	941.7	834.0	755.0	688.3	631.8	587.5	550.5	517.8
-30°	1159.2	1040.0	933.2	838.4	764.8	699.5	644.2	601.2	563.5	530.5	502.1
-32.5°	969.9	897.3	819.6	760.0	701.5	651.0	608.6	571.4	539.7	512.2	487.9
-35°	841.3	790.0	738.8	692.4	648.1	609.5	574.1	544.8	518.4	494.2	473.9
-37.5°	746.0	708.5	672.8	635.5	602.7	571.4	544.8	520.5	497.3	478.5	459.2
-40°	671.6	642.9	616.8	588.0	563.5	539.7	518.4	497.3	479.4	462.2	443.9
-42.5°	611.2	589.8	570.0	550.5	530.5	512.2	493.7	476.7	460.7	444.9	428.2
-45°	561.8	547.6	532.4	518.1	502.1	486.9	470.5	456.1	441.8	427.0	411.6
-47.5°	522.8	512.4	500.9	490.3	477.8	463.9	449.7	435.8	422.6	408.8	396.3
-50°	490.2	483.1	475.1	466.3	455.0	442.3	429.1	415.2	403.1	391.4	379.0
-52.5°	464.0	458.3	451.1	442.5	432.2	420.4	408.1	395.3	383.5	372.0	358.9
-55°	441.2	435.4	428.0	419.2	409.5	399.5	388.1	375.2	362.6	351.4	336.9
-57.5°	417.7	412.3	404.0	396.2	389.1	378.2	365.9	353.8	341.9	329.8	314.0
-60°	388.0	383.3	376.3	369.2	361.8	352.6	340.5	329.8	320.6	303.1	284.7
-62.5°	353.4	349.6	343.5	336.1	328.5	320.2	310.8	299.1	285.5	270.0	254.6
-65°	314.6	309.0	303.6	298.6	292.8	286.3	276.1	264.3	251.6	238.3	224.3
-67.5°	275.7	270.6	266.4	262.3	257.0	250.1	240.3	229.6	217.9	204.5	192.2
-70°	239.2	235.5	231.4	226.5	220.7	214.1	205.5	195.1	183.2	171.7	163.0
-72.5°	204.5	201.4	197.5	192.5	186.8	179.8	171.1	161.9	153.1	144.7	136.7
-75°	169.8	167.3	163.7	157.8	151.0	143.2	136.1	130.3	124.2	117.8	111.0
-77.5°	133.7	131.5	128.3	122.8	117.2	111.5	106.1	101.4	96.9	92.1	87.2
-80°	96.5	95.0	92.9	89.5	86.0	82.4	78.9	75.5	71.9	68.1	64.1
-82.5°	64.8	63.4	61.9	60.2	58.4	56.4	54.3	51.4	48.2	44.7	41.1
-85°	38.2	37.4	36.6	35.6	34.6	33.4	32.2	30.3	28.5	26.7	25.0
-87.5°	15.5	15.2	15.0	14.6	14.3	13.9	13.5	13.1	12.6	12.2	11.7
-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: P627209 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA3D-730-U-NR-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°	11.1	10.6	10.0	9.5	8.9	8.2	7.6	7.0	6.3	5.6	5.0
85°	24.1	23.0	21.6	20.1	18.3	16.5	15.2	13.9	12.6	11.3	9.9
82.5°	39.0	37.5	36.1	34.2	31.5	28.8	25.9	23.0	20.1	17.1	14.8
80°	60.3	56.6	53.0	49.5	45.3	41.0	37.2	33.4	29.4	25.4	21.4
77.5°	82.0	76.5	70.9	65.8	60.5	55.2	49.7	44.1	38.7	33.7	28.7
75°	103.9	97.3	90.6	83.7	76.5	69.3	62.7	55.9	49.1	42.1	35.9
72.5°	128.4	119.9	111.0	102.0	93.7	85.1	76.3	67.7	59.7	51.6	43.4
70°	153.9	143.4	132.8	122.7	112.0	100.9	90.9	80.7	70.3	61.0	51.6
67.5°	180.7	169.9	157.5	144.1	132.0	119.4	105.8	93.8	82.1	70.3	59.7
65°	210.0	196.5	183.6	168.1	152.9	138.2	123.5	107.6	93.8	80.7	67.7
62.5°	238.7	222.4	206.9	191.0	174.4	157.5	140.9	123.0	105.7	90.9	76.3
60°	267.0	249.0	229.7	211.7	194.3	176.6	157.7	138.1	119.0	100.9	85.1
57.5°	294.0	275.1	253.3	232.1	212.6	194.0	173.9	152.6	131.9	111.8	93.6
55°	319.1	298.0	275.4	252.3	230.4	210.0	189.1	166.6	144.3	122.7	101.8
52.5°	342.2	320.2	296.0	271.6	247.6	225.4	203.4	180.0	156.2	133.2	110.6
50°	363.8	342.2	316.5	290.2	264.0	240.6	217.4	192.8	167.6	143.2	119.3
47.5°	382.4	361.9	337.1	308.7	280.7	255.5	231.1	205.4	178.4	152.7	127.7
45°	397.6	380.2	356.3	327.7	297.7	271.0	244.7	217.7	189.5	161.9	135.7
42.5°	411.7	395.5	374.0	346.3	315.2	286.2	257.9	229.7	200.3	170.7	143.4
40°	426.1	408.9	390.4	362.6	331.6	300.8	271.2	241.4	210.7	179.3	150.7
37.5°	439.6	421.7	402.9	377.7	346.3	314.7	283.9	252.7	220.4	187.9	157.6
35°	453.2	433.2	413.7	389.5	359.2	327.2	296.0	263.6	229.5	195.9	164.1
32.5°	466.3	443.9	422.9	399.1	370.9	338.5	306.8	273.0	238.1	203.3	170.2
30°	478.2	453.9	431.7	408.4	380.9	348.4	316.0	281.6	246.0	210.1	176.0
27.5°	487.7	462.2	440.0	416.4	388.9	357.3	324.0	289.3	253.4	216.4	181.5
25°	497.2	469.8	446.7	423.7	396.4	366.2	331.5	296.1	259.8	222.2	186.4
22.5°	507.8	477.0	451.9	430.6	404.0	374.9	338.6	302.0	265.3	227.5	190.8
20°	517.1	483.1	455.9	436.1	410.1	381.3	345.3	307.4	270.1	232.2	194.6
17.5°	525.3	489.7	461.0	439.3	414.8	386.8	351.6	312.2	274.2	236.3	197.9
15°	533.8	496.6	465.6	442.0	418.7	391.4	357.3	316.3	277.5	239.8	200.8
12.5°	541.4	502.2	469.3	444.0	421.6	395.1	362.3	319.7	280.0	242.7	203.5
10°	547.7	506.6	472.1	445.4	423.7	398.0	366.5	323.0	282.8	244.9	205.8
7.5°	552.7	509.6	473.9	446.2	425.1	400.2	370.2	326.8	285.1	246.4	207.6
5°	556.3	511.9	476.6	448.7	426.8	402.1	372.7	329.8	286.8	247.3	208.9
2.5°	559.0	514.0	479.6	451.1	427.9	403.1	374.2	332.1	287.8	247.4	209.7
0°	559.9	514.6	481.7	452.9	428.2	403.5	374.7	333.5	288.2	247.0	210.0
-2.5°	559.0	514.0	479.6	451.1	427.9	403.1	374.2	332.1	287.8	247.4	209.7
-5°	556.3	511.9	476.6	448.7	426.8	402.1	372.7	329.8	286.8	247.3	208.9
-7.5°	552.7	509.6	473.9	446.2	425.1	400.2	370.2	326.8	285.1	246.4	207.6
-10°	547.7	506.6	472.1	445.4	423.7	398.0	366.5	323.0	282.8	244.9	205.8
-12.5°	541.4	502.2	469.3	444.0	421.6	395.1	362.3	319.7	280.0	242.7	203.5
-15°	533.8	496.6	465.6	442.0	418.7	391.4	357.3	316.3	277.5	239.8	200.8
-17.5°	525.3	489.7	461.0	439.3	414.8	386.8	351.6	312.2	274.2	236.3	197.9
-20°	517.1	483.1	455.9	436.1	410.1	381.3	345.3	307.4	270.1	232.2	194.6

Classified

Cooper Lighting Solutions Photometric Lab
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Scaled Data Report



REPORT NUMBER: P627209 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA3D-730-U-NR-XX

CANDELA DISTRIBUTION (continued):

	47.5°	50°	52.5°	55°	57.5°	60°	62.5°	65°	67.5°	70°	72.5°
-22.5°	507.8	477.0	451.9	430.6	404.0	374.9	338.6	302.0	265.3	227.5	190.8
-25°	497.2	469.8	446.7	423.7	396.4	366.2	331.5	296.1	259.8	222.2	186.4
-27.5°	487.7	462.2	440.0	416.4	388.9	357.3	324.0	289.3	253.4	216.4	181.5
-30°	478.2	453.9	431.7	408.4	380.9	348.4	316.0	281.6	246.0	210.1	176.0
-32.5°	466.3	443.9	422.9	399.1	370.9	338.5	306.8	273.0	238.1	203.3	170.2
-35°	453.2	433.2	413.7	389.5	359.2	327.2	296.0	263.6	229.5	195.9	164.1
-37.5°	439.6	421.7	402.9	377.7	346.3	314.7	283.9	252.7	220.4	187.9	157.6
-40°	426.1	408.9	390.4	362.6	331.6	300.8	271.2	241.4	210.7	179.3	150.7
-42.5°	411.7	395.5	374.0	346.3	315.2	286.2	257.9	229.7	200.3	170.7	143.4
-45°	397.6	380.2	356.3	327.7	297.7	271.0	244.7	217.7	189.5	161.9	135.7
-47.5°	382.4	361.9	337.1	308.7	280.7	255.5	231.1	205.4	178.4	152.7	127.7
-50°	363.8	342.2	316.5	290.2	264.0	240.6	217.4	192.8	167.6	143.2	119.3
-52.5°	342.2	320.2	296.0	271.6	247.6	225.4	203.4	180.0	156.2	133.2	110.6
-55°	319.1	298.0	275.4	252.3	230.4	210.0	189.1	166.6	144.3	122.7	101.8
-57.5°	294.0	275.1	253.3	232.1	212.6	194.0	173.9	152.6	131.9	111.8	93.6
-60°	267.0	249.0	229.7	211.7	194.3	176.6	157.7	138.1	119.0	100.9	85.1
-62.5°	238.7	222.4	206.9	191.0	174.4	157.5	140.9	123.0	105.7	90.9	76.3
-65°	210.0	196.5	183.6	168.1	152.9	138.2	123.5	107.6	93.8	80.7	67.7
-67.5°	180.7	169.9	157.5	144.1	132.0	119.4	105.8	93.8	82.1	70.3	59.7
-70°	153.9	143.4	132.8	122.7	112.0	100.9	90.9	80.7	70.3	61.0	51.6
-72.5°	128.4	119.9	111.0	102.0	93.7	85.1	76.3	67.7	59.7	51.6	43.4
-75°	103.9	97.3	90.6	83.7	76.5	69.3	62.7	55.9	49.1	42.1	35.9
-77.5°	82.0	76.5	70.9	65.8	60.5	55.2	49.7	44.1	38.7	33.7	28.7
-80°	60.3	56.6	53.0	49.5	45.3	41.0	37.2	33.4	29.4	25.4	21.4
-82.5°	39.0	37.5	36.1	34.2	31.5	28.8	25.9	23.0	20.1	17.1	14.8
-85°	24.1	23.0	21.6	20.1	18.3	16.5	15.2	13.9	12.6	11.3	9.9
-87.5°	11.1	10.6	10.0	9.5	8.9	8.2	7.6	7.0	6.3	5.6	5.0
-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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REPORT NUMBER: P627209 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA3D-730-U-NR-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°	4.3	3.6	2.9	2.2	1.4	0.6	0.0
85°	8.5	7.1	5.7	4.3	2.9	1.3	0.0
82.5°	12.8	10.7	8.6	6.4	4.3	1.9	0.0
80°	17.2	14.2	11.4	8.6	5.7	2.5	0.0
77.5°	23.5	18.2	14.2	10.7	7.1	3.1	0.0
75°	29.6	23.2	17.2	12.8	8.5	3.7	0.0
72.5°	35.7	28.1	20.9	14.8	9.8	4.3	0.0
70°	41.7	32.8	24.6	17.0	11.1	4.9	0.0
67.5°	48.6	37.5	28.2	19.6	12.4	5.5	0.0
65°	55.4	42.6	31.7	22.2	13.6	6.0	0.0
62.5°	62.0	48.1	35.1	24.6	14.8	6.6	0.0
60°	68.5	53.5	38.4	27.0	15.9	7.1	0.0
57.5°	75.6	58.7	42.6	29.4	17.4	7.6	0.0
55°	82.6	63.8	46.7	31.6	18.9	8.1	0.0
52.5°	89.4	68.9	50.6	33.8	20.3	8.5	0.0
50°	95.9	74.3	54.4	35.8	21.7	9.0	0.0
47.5°	102.4	79.6	58.1	38.0	23.0	9.4	0.0
45°	109.2	84.7	61.6	40.6	24.3	9.8	0.0
42.5°	115.8	89.5	65.0	43.2	25.6	10.2	0.0
40°	122.1	94.1	68.4	45.6	26.8	10.5	0.0
37.5°	128.0	98.4	71.9	48.0	27.9	10.8	0.0
35°	133.6	102.9	75.1	50.2	29.0	11.1	0.0
32.5°	138.8	107.2	78.2	52.3	30.0	11.4	0.0
30°	143.7	111.3	81.0	54.3	31.0	11.6	0.0
27.5°	148.2	115.0	83.8	56.1	31.9	11.8	0.0
25°	152.3	118.4	86.4	57.8	32.8	12.0	0.0
22.5°	156.0	121.5	88.7	59.3	33.6	12.2	0.0
20°	159.3	124.2	90.8	60.7	34.3	12.3	0.0
17.5°	162.1	126.4	92.7	61.9	34.9	12.4	0.0
15°	164.3	128.3	94.3	62.9	35.5	12.5	0.0
12.5°	166.1	129.8	95.6	63.8	36.0	12.5	0.0
10°	167.5	130.9	96.8	64.6	36.4	12.6	0.0
7.5°	168.5	131.6	97.7	65.2	36.7	12.6	0.0
5°	169.0	132.0	98.3	65.6	36.9	12.5	0.0
2.5°	169.1	132.0	98.7	65.8	37.1	12.5	0.0
0°	168.8	131.7	98.8	65.9	37.1	12.4	0.0
-2.5°	169.1	132.0	98.7	65.8	37.1	12.5	0.0
-5°	169.0	132.0	98.3	65.6	36.9	12.5	0.0
-7.5°	168.5	131.6	97.7	65.2	36.7	12.6	0.0
-10°	167.5	130.9	96.8	64.6	36.4	12.6	0.0
-12.5°	166.1	129.8	95.6	63.8	36.0	12.5	0.0
-15°	164.3	128.3	94.3	62.9	35.5	12.5	0.0
-17.5°	162.1	126.4	92.7	61.9	34.9	12.4	0.0
-20°	159.3	124.2	90.8	60.7	34.3	12.3	0.0

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CATALOG NUMBER: GFLD-SA3D-730-U-NR-XX

CANDELA DISTRIBUTION (continued):

	75°	77.5°	80°	82.5°	85°	87.5°	90°
-22.5°	156.0	121.5	88.7	59.3	33.6	12.2	0.0
-25°	152.3	118.4	86.4	57.8	32.8	12.0	0.0
-27.5°	148.2	115.0	83.8	56.1	31.9	11.8	0.0
-30°	143.7	111.3	81.0	54.3	31.0	11.6	0.0
-32.5°	138.8	107.2	78.2	52.3	30.0	11.4	0.0
-35°	133.6	102.9	75.1	50.2	29.0	11.1	0.0
-37.5°	128.0	98.4	71.9	48.0	27.9	10.8	0.0
-40°	122.1	94.1	68.4	45.6	26.8	10.5	0.0
-42.5°	115.8	89.5	65.0	43.2	25.6	10.2	0.0
-45°	109.2	84.7	61.6	40.6	24.3	9.8	0.0
-47.5°	102.4	79.6	58.1	38.0	23.0	9.4	0.0
-50°	95.9	74.3	54.4	35.8	21.7	9.0	0.0
-52.5°	89.4	68.9	50.6	33.8	20.3	8.5	0.0
-55°	82.6	63.8	46.7	31.6	18.9	8.1	0.0
-57.5°	75.6	58.7	42.6	29.4	17.4	7.6	0.0
-60°	68.5	53.5	38.4	27.0	15.9	7.1	0.0
-62.5°	62.0	48.1	35.1	24.6	14.8	6.6	0.0
-65°	55.4	42.6	31.7	22.2	13.6	6.0	0.0
-67.5°	48.6	37.5	28.2	19.6	12.4	5.5	0.0
-70°	41.7	32.8	24.6	17.0	11.1	4.9	0.0
-72.5°	35.7	28.1	20.9	14.8	9.8	4.3	0.0
-75°	29.6	23.2	17.2	12.8	8.5	3.7	0.0
-77.5°	23.5	18.2	14.2	10.7	7.1	3.1	0.0
-80°	17.2	14.2	11.4	8.6	5.7	2.5	0.0
-82.5°	12.8	10.7	8.6	6.4	4.3	1.9	0.0
-85°	8.5	7.1	5.7	4.3	2.9	1.3	0.0
-87.5°	4.3	3.6	2.9	2.2	1.4	0.6	0.0
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0

(END OF REPORT)