

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: P627219 (CONVERTED FROM TYPE C PHOTOMETRY)

Luminaire Tested: **GFLD-SA3D-735-U-NR-XX**

Issue Date: 12/7/2022

Test Information

Test Method: LM-79-08
Report Number: P627219 (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-735-U-NR-XX
Description: GALLEON FLOOD, THREE LIGHT SQAURE, NARROW SYMMETRICAL ROUND N71
Light Source: (48) 3500K CCT, 70 CRI LEDS
Ballast/Driver: -

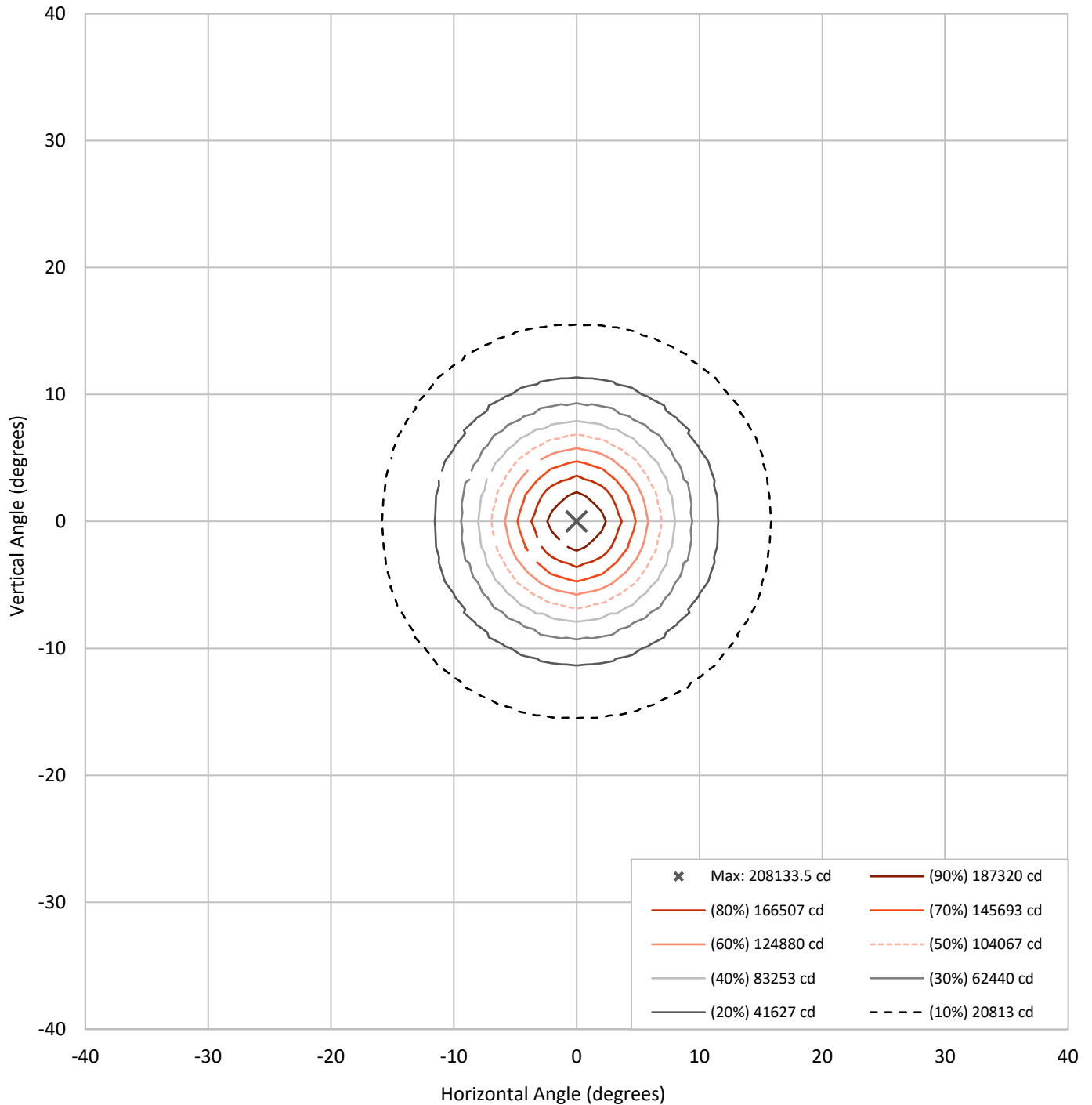
Summary

Lumens per Lamp:	N/A	NEMA Type:	3H x 3V
Luminaire Lumens:	22100.7 lumens	Max Intensity:	208133.5 candela
Efficiency:	N/A	Max Intensity Angle:	0°H x 0°V
Efficacy:	138.0 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:	6534.2 lumens	Field Lumens:	14704.6 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





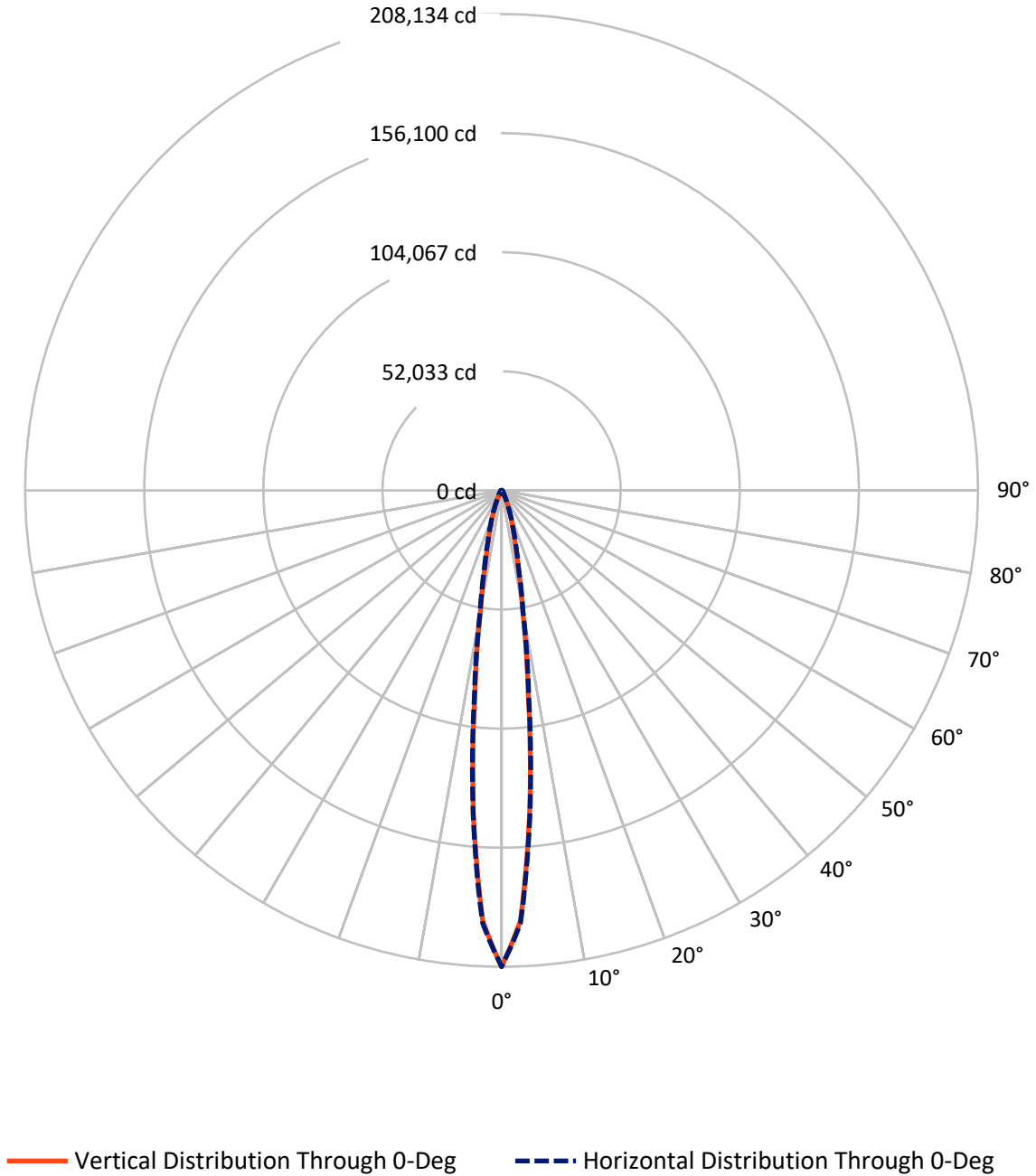
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Lumen Table

90	0.4	3.0		8.0		12.9		14.0		12.9		8.0		3.0		0.4			
80	0.4	3.0		8.0		12.9		14.0		12.9		8.0		3.0		0.4			
70	1.4	1.5	3.2	5.2	7.4	9.1	10.2	10.7	10.7	10.2	9.1	7.4	5.2	3.2	1.5	1.4			
60		2.3	4.8	7.8	10.4	12.7	14.3	14.9	14.9	14.3	12.7	10.4	7.8	4.8	2.3				
50	2.4	3.1	6.2	9.6	12.8	16.1	18.9	20.4	20.4	18.9	16.1	12.8	9.6	6.2	3.1	2.4			
40		3.7	7.3	11.1	15.7	22.6	31.9	39.4	39.4	31.9	22.6	15.7	11.1	7.3	3.7				
30	3.1	4.2	8.0	12.5	20.3	40.4	92.0	152.2	152.2	92.0	40.4	20.3	12.5	8.0	4.2	3.1			
20		4.5	8.4	13.8	27.0	85.7	304.5	655.8	655.8	304.5	85.7	27.0	13.8	8.4	4.5				
10	3.4	4.6	8.6	14.6	32.6	141.3	661.9	2859.2	2859.2	661.9	141.3	32.6	14.6	8.6	4.6	3.4			
0		4.6	8.6	14.6	32.6	141.3	661.9	2859.2	2859.2	661.9	141.3	32.6	14.6	8.6	4.6				
-10	3.1	4.5	8.4	13.8	27.0	85.7	304.5	655.8	655.8	304.5	85.7	27.0	13.8	8.4	4.5	3.1			
-20		4.2	8.0	12.5	20.3	40.4	92.0	152.2	152.2	92.0	40.4	20.3	12.5	8.0	4.2				
-30	2.4	3.7	7.3	11.1	15.7	22.6	31.9	39.4	39.4	31.9	22.6	15.7	11.1	7.3	3.7	2.4			
-40		3.1	6.2	9.6	12.8	16.1	18.9	20.4	20.4	18.9	16.1	12.8	9.6	6.2	3.1				
-50	1.4	2.3	4.8	7.8	10.4	12.7	14.3	14.9	14.9	14.3	12.7	10.4	7.8	4.8	2.3	1.4			
-60		1.5	3.2	5.2	7.4	9.1	10.2	10.7	10.7	10.2	9.1	7.4	5.2	3.2	1.5				
-70	0.4	3.0		8.0		12.9		14.0		12.9		8.0		3.0		0.4			
-80		3.0		8.0		12.9		14.0		12.9		8.0		3.0					
-90	0.4	3.0		8.0		12.9		14.0		12.9		8.0		3.0		0.4			
	-90	-80	-70	-60	-50	-40	-30	-20	-10	0	10	20	30	40	50	60	70	80	90

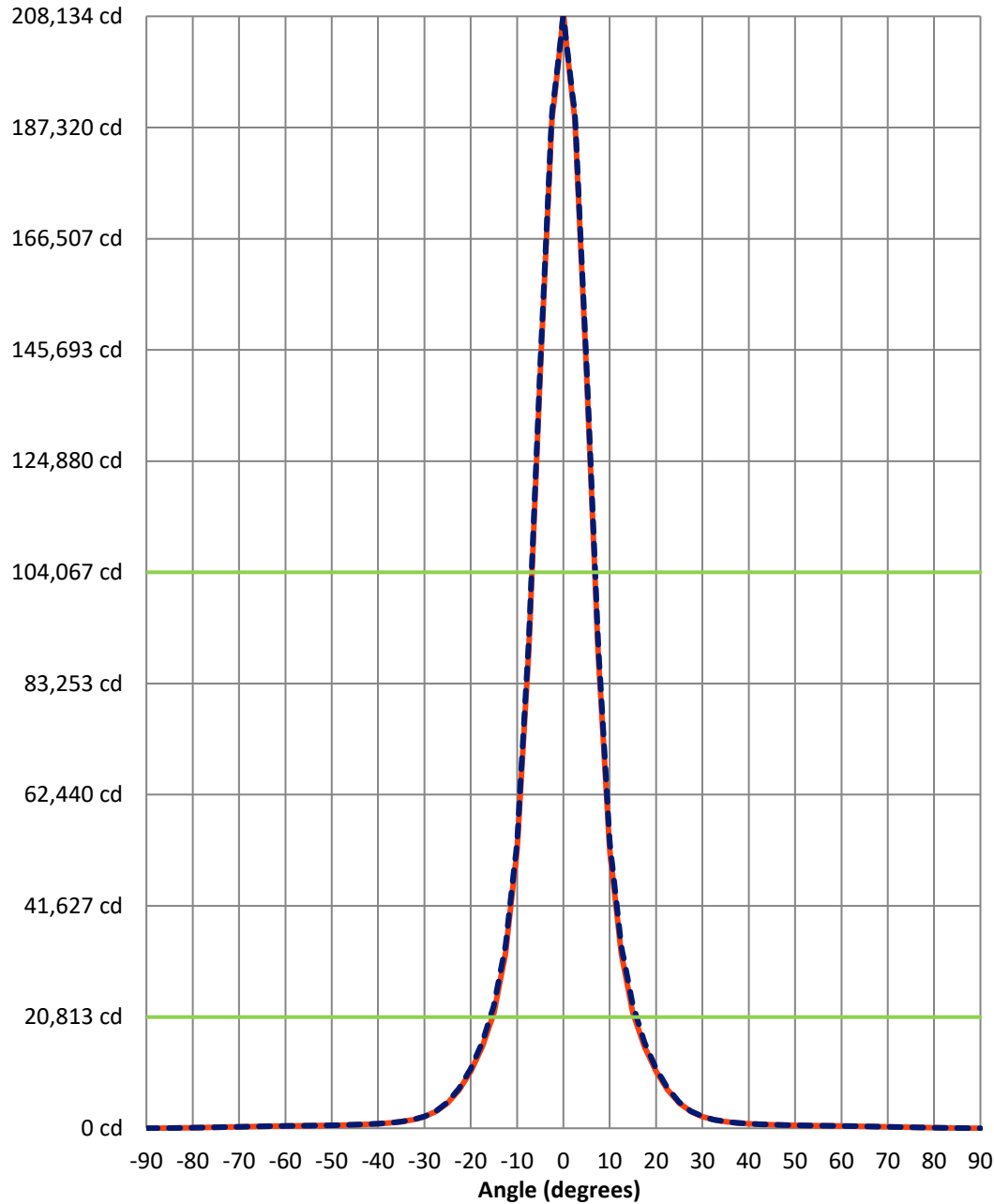
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Luminous Intensity Polar Plot



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Luminous Intensity Plot



Beam:
 H Angle: 13.7°
 V Angle: 13.6°
 Lumens: 6534.2
 Efficiency: 29.6%

Field:
 H Angle: 31.6°
 V Angle: 30.6°
 Lumens: 14704.6
 Efficiency: 66.5%

Spill:
 Lumens: 7396.1
 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	0.7	1.6	2.3	3.1	3.9	4.6	5.4	6.1	6.8	7.5
85°	0.0	1.4	3.1	4.6	6.2	7.7	9.2	10.7	12.2	13.6	15.0
82.5°	0.0	2.0	4.6	7.0	9.2	11.5	13.8	16.0	18.4	21.7	24.9
80°	0.0	2.7	6.2	9.2	12.3	15.3	18.6	23.1	27.5	31.8	36.1
77.5°	0.0	3.4	7.7	11.5	15.3	19.7	25.4	31.0	36.5	41.9	47.7
75°	0.0	4.0	9.1	13.8	18.5	25.1	32.1	38.9	45.6	53.1	60.6
72.5°	0.0	4.7	10.6	16.0	22.6	30.3	38.6	46.9	55.9	64.7	73.3
70°	0.0	5.3	12.0	18.3	26.6	35.5	45.2	55.9	66.0	76.1	87.4
67.5°	0.0	5.9	13.4	21.2	30.5	40.5	52.6	64.7	76.1	89.0	101.6
65°	0.0	6.5	14.7	23.9	34.3	46.1	60.0	73.3	87.4	101.6	116.5
62.5°	0.0	7.1	16.0	26.6	38.0	52.0	67.1	82.7	98.5	114.5	133.3
60°	0.0	7.7	17.2	29.2	41.6	57.9	74.1	92.2	109.3	128.9	149.5
57.5°	0.0	8.2	18.8	31.7	46.1	63.6	81.8	101.4	121.2	142.9	165.3
55°	0.0	8.7	20.4	34.2	50.5	69.1	89.4	110.3	132.9	156.3	180.4
52.5°	0.0	9.2	21.9	36.5	54.8	74.6	96.8	119.9	144.3	169.2	195.0
50°	0.0	9.7	23.4	38.7	58.9	80.5	103.9	129.2	155.1	181.5	208.9
47.5°	0.0	10.1	24.9	41.1	62.9	86.2	110.9	138.3	165.4	193.3	222.5
45°	0.0	10.6	26.3	43.9	66.7	91.7	118.3	146.9	175.4	205.3	235.8
42.5°	0.0	11.0	27.6	46.7	70.3	96.9	125.4	155.3	184.9	216.9	248.8
40°	0.0	11.3	28.9	49.3	74.0	101.9	132.2	163.2	194.3	228.2	261.4
37.5°	0.0	11.7	30.2	51.9	77.8	106.6	138.6	170.7	203.6	238.7	273.6
35°	0.0	12.0	31.3	54.3	81.3	111.4	144.7	177.8	212.2	248.6	285.4
32.5°	0.0	12.3	32.5	56.6	84.6	116.1	150.3	184.4	220.2	257.8	295.6
30°	0.0	12.6	33.5	58.7	87.7	120.5	155.6	190.7	227.5	266.4	305.0
27.5°	0.0	12.8	34.5	60.7	90.7	124.6	160.5	196.6	234.3	274.4	313.3
25°	0.0	13.0	35.4	62.5	93.5	128.3	165.0	201.9	240.7	281.4	320.7
22.5°	0.0	13.2	36.3	64.1	96.0	131.6	169.0	206.6	246.4	287.4	327.2
20°	0.0	13.3	37.1	65.6	98.3	134.5	172.6	210.8	251.5	292.6	333.0
17.5°	0.0	13.4	37.7	66.9	100.3	136.9	175.6	214.3	255.9	297.0	338.1
15°	0.0	13.5	38.4	68.1	102.1	139.0	178.0	217.5	259.7	300.6	342.5
12.5°	0.0	13.5	38.9	69.1	103.6	140.6	180.0	220.4	262.8	303.3	346.2
10°	0.0	13.6	39.3	69.9	104.8	141.8	181.5	222.8	265.3	306.3	349.8
7.5°	0.0	13.6	39.7	70.5	105.8	142.6	182.5	224.8	267.0	308.8	353.9
5°	0.0	13.5	39.9	70.9	106.5	143.0	183.1	226.2	267.9	310.7	357.2
2.5°	0.0	13.5	40.0	71.2	106.9	143.0	183.2	227.1	268.1	311.8	359.7
0°	0.0	13.4	40.1	71.3	107.0	142.7	182.8	227.4	267.6	312.2	361.2
-2.5°	0.0	13.5	40.0	71.2	106.9	143.0	183.2	227.1	268.1	311.8	359.7
-5°	0.0	13.5	39.9	70.9	106.5	143.0	183.1	226.2	267.9	310.7	357.2
-7.5°	0.0	13.6	39.7	70.5	105.8	142.6	182.5	224.8	267.0	308.8	353.9
-10°	0.0	13.6	39.3	69.9	104.8	141.8	181.5	222.8	265.3	306.3	349.8
-12.5°	0.0	13.5	38.9	69.1	103.6	140.6	180.0	220.4	262.8	303.3	346.2
-15°	0.0	13.5	38.4	68.1	102.1	139.0	178.0	217.5	259.7	300.6	342.5
-17.5°	0.0	13.4	37.7	66.9	100.3	136.9	175.6	214.3	255.9	297.0	338.1
-20°	0.0	13.3	37.1	65.6	98.3	134.5	172.6	210.8	251.5	292.6	333.0

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CANDELA DISTRIBUTION (continued):

	-90°	-87.5°	-85°	-82.5°	-80°	-77.5°	-75°	-72.5°	-70°	-67.5°	-65°
-22.5°	0.0	13.2	36.3	64.1	96.0	131.6	169.0	206.6	246.4	287.4	327.2
-25°	0.0	13.0	35.4	62.5	93.5	128.3	165.0	201.9	240.7	281.4	320.7
-27.5°	0.0	12.8	34.5	60.7	90.7	124.6	160.5	196.6	234.3	274.4	313.3
-30°	0.0	12.6	33.5	58.7	87.7	120.5	155.6	190.7	227.5	266.4	305.0
-32.5°	0.0	12.3	32.5	56.6	84.6	116.1	150.3	184.4	220.2	257.8	295.6
-35°	0.0	12.0	31.3	54.3	81.3	111.4	144.7	177.8	212.2	248.6	285.4
-37.5°	0.0	11.7	30.2	51.9	77.8	106.6	138.6	170.7	203.6	238.7	273.6
-40°	0.0	11.3	28.9	49.3	74.0	101.9	132.2	163.2	194.3	228.2	261.4
-42.5°	0.0	11.0	27.6	46.7	70.3	96.9	125.4	155.3	184.9	216.9	248.8
-45°	0.0	10.6	26.3	43.9	66.7	91.7	118.3	146.9	175.4	205.3	235.8
-47.5°	0.0	10.1	24.9	41.1	62.9	86.2	110.9	138.3	165.4	193.3	222.5
-50°	0.0	9.7	23.4	38.7	58.9	80.5	103.9	129.2	155.1	181.5	208.9
-52.5°	0.0	9.2	21.9	36.5	54.8	74.6	96.8	119.9	144.3	169.2	195.0
-55°	0.0	8.7	20.4	34.2	50.5	69.1	89.4	110.3	132.9	156.3	180.4
-57.5°	0.0	8.2	18.8	31.7	46.1	63.6	81.8	101.4	121.2	142.9	165.3
-60°	0.0	7.7	17.2	29.2	41.6	57.9	74.1	92.2	109.3	128.9	149.5
-62.5°	0.0	7.1	16.0	26.6	38.0	52.0	67.1	82.7	98.5	114.5	133.3
-65°	0.0	6.5	14.7	23.9	34.3	46.1	60.0	73.3	87.4	101.6	116.5
-67.5°	0.0	5.9	13.4	21.2	30.5	40.5	52.6	64.7	76.1	89.0	101.6
-70°	0.0	5.3	12.0	18.3	26.6	35.5	45.2	55.9	66.0	76.1	87.4
-72.5°	0.0	4.7	10.6	16.0	22.6	30.3	38.6	46.9	55.9	64.7	73.3
-75°	0.0	4.0	9.1	13.8	18.5	25.1	32.1	38.9	45.6	53.1	60.6
-77.5°	0.0	3.4	7.7	11.5	15.3	19.7	25.4	31.0	36.5	41.9	47.7
-80°	0.0	2.7	6.2	9.2	12.3	15.3	18.6	23.1	27.5	31.8	36.1
-82.5°	0.0	2.0	4.6	7.0	9.2	11.5	13.8	16.0	18.4	21.7	24.9
-85°	0.0	1.4	3.1	4.6	6.2	7.7	9.2	10.7	12.2	13.6	15.0
-87.5°	0.0	0.7	1.6	2.3	3.1	3.9	4.6	5.4	6.1	6.8	7.5
-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°	8.2	8.9	9.6	10.2	10.8	11.4	12.0	12.6	13.1	13.6	14.1
85°	16.4	17.8	19.8	21.7	23.4	24.8	26.0	27.0	28.9	30.8	32.8
82.5°	28.0	31.1	34.1	37.0	39.0	40.6	42.1	44.4	48.4	52.2	55.6
80°	40.3	44.4	49.0	53.5	57.4	61.3	65.3	69.5	73.8	77.9	81.8
77.5°	53.8	59.7	65.5	71.2	76.8	82.9	88.8	94.4	99.8	105.0	109.9
75°	67.9	75.0	82.8	90.6	98.2	105.5	112.6	120.2	127.6	134.5	141.2
72.5°	82.7	92.2	101.5	110.5	120.3	129.9	139.1	148.0	156.7	165.8	175.4
70°	98.5	109.3	121.4	133.0	143.9	155.3	166.7	176.6	186.0	198.5	211.3
67.5°	114.7	129.3	142.9	156.0	170.6	184.0	195.7	208.2	221.6	236.0	248.7
65°	133.8	149.7	165.6	182.1	198.9	212.9	227.5	243.0	258.1	272.5	286.3
62.5°	152.6	170.6	188.9	206.9	224.2	241.0	258.6	275.8	292.4	309.2	324.0
60°	170.8	191.2	210.5	229.3	248.9	269.7	289.3	308.4	328.3	347.3	357.2
57.5°	188.4	210.2	230.3	251.4	274.4	298.0	318.4	340.1	357.2	370.3	383.2
55°	204.9	227.5	249.6	273.3	298.3	322.8	345.6	364.9	380.7	392.8	406.4
52.5°	220.3	244.2	268.2	294.1	320.6	346.8	370.7	388.8	402.9	415.3	428.1
50°	235.4	260.5	285.9	314.4	342.8	370.6	394.0	410.6	424.0	436.6	449.8
47.5°	250.3	276.7	304.0	334.3	365.1	392.0	414.2	429.3	442.8	457.7	472.1
45°	265.0	293.5	322.5	355.0	385.9	411.8	430.7	445.8	462.5	478.6	494.0
42.5°	279.3	310.0	341.4	375.2	405.1	428.4	445.9	463.8	481.8	499.0	516.4
40°	293.7	325.9	359.2	392.8	422.8	442.9	461.5	480.8	500.7	519.3	538.6
37.5°	307.5	340.9	375.2	409.1	436.4	456.8	476.1	497.4	518.4	538.7	563.8
35°	320.6	354.5	389.1	421.9	448.2	469.2	490.9	513.3	535.3	561.5	590.2
32.5°	332.3	366.7	401.7	432.3	458.0	480.8	505.1	528.5	554.8	584.5	618.9
30°	342.3	377.4	412.6	442.4	467.5	491.6	518.0	543.8	574.6	610.4	651.2
27.5°	350.9	387.0	421.2	451.1	476.6	500.6	528.3	560.9	596.2	636.4	684.4
25°	359.1	396.7	429.3	459.0	483.8	508.9	538.6	574.6	617.2	665.5	724.2
22.5°	366.7	406.0	437.6	466.5	489.5	516.6	550.0	589.2	635.5	692.1	763.5
20°	374.0	412.9	444.2	472.4	493.8	523.3	560.0	601.9	654.5	722.0	804.7
17.5°	380.8	418.9	449.3	475.9	499.4	530.4	568.9	612.3	671.1	749.2	842.5
15°	386.9	423.9	453.5	478.7	504.3	537.9	578.2	625.2	689.4	775.1	876.0
12.5°	392.3	427.9	456.7	480.9	508.3	544.0	586.4	638.6	709.0	800.6	918.5
10°	396.9	431.0	458.9	482.4	511.3	548.7	593.3	649.5	724.7	820.3	951.1
7.5°	400.9	433.5	460.5	483.2	513.3	551.9	598.7	657.8	735.7	834.4	974.7
5°	403.7	435.4	462.3	486.0	516.2	554.5	602.6	663.5	742.1	842.7	989.4
2.5°	405.3	436.6	463.4	488.6	519.5	556.7	605.5	669.7	747.3	850.8	1000.6
0°	405.8	437.0	463.8	490.5	521.7	557.4	606.5	673.4	749.2	856.2	1007.8
-2.5°	405.3	436.6	463.4	488.6	519.5	556.7	605.5	669.7	747.3	850.8	1000.6
-5°	403.7	435.4	462.3	486.0	516.2	554.5	602.6	663.5	742.1	842.7	989.4
-7.5°	400.9	433.5	460.5	483.2	513.3	551.9	598.7	657.8	735.7	834.4	974.7
-10°	396.9	431.0	458.9	482.4	511.3	548.7	593.3	649.5	724.7	820.3	951.1
-12.5°	392.3	427.9	456.7	480.9	508.3	544.0	586.4	638.6	709.0	800.6	918.5
-15°	386.9	423.9	453.5	478.7	504.3	537.9	578.2	625.2	689.4	775.1	876.0
-17.5°	380.8	418.9	449.3	475.9	499.4	530.4	568.9	612.3	671.1	749.2	842.5
-20°	374.0	412.9	444.2	472.4	493.8	523.3	560.0	601.9	654.5	722.0	804.7

Classified

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

Scaled Data Report



REPORT NUMBER: P627219 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA3D-735-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°	366.7	406.0	437.6	466.5	489.5	516.6	550.0	589.2	635.5	692.1	763.5
-25°	359.1	396.7	429.3	459.0	483.8	508.9	538.6	574.6	617.2	665.5	724.2
-27.5°	350.9	387.0	421.2	451.1	476.6	500.6	528.3	560.9	596.2	636.4	684.4
-30°	342.3	377.4	412.6	442.4	467.5	491.6	518.0	543.8	574.6	610.4	651.2
-32.5°	332.3	366.7	401.7	432.3	458.0	480.8	505.1	528.5	554.8	584.5	618.9
-35°	320.6	354.5	389.1	421.9	448.2	469.2	490.9	513.3	535.3	561.5	590.2
-37.5°	307.5	340.9	375.2	409.1	436.4	456.8	476.1	497.4	518.4	538.7	563.8
-40°	293.7	325.9	359.2	392.8	422.8	442.9	461.5	480.8	500.7	519.3	538.6
-42.5°	279.3	310.0	341.4	375.2	405.1	428.4	445.9	463.8	481.8	499.0	516.4
-45°	265.0	293.5	322.5	355.0	385.9	411.8	430.7	445.8	462.5	478.6	494.0
-47.5°	250.3	276.7	304.0	334.3	365.1	392.0	414.2	429.3	442.8	457.7	472.1
-50°	235.4	260.5	285.9	314.4	342.8	370.6	394.0	410.6	424.0	436.6	449.8
-52.5°	220.3	244.2	268.2	294.1	320.6	346.8	370.7	388.8	402.9	415.3	428.1
-55°	204.9	227.5	249.6	273.3	298.3	322.8	345.6	364.9	380.7	392.8	406.4
-57.5°	188.4	210.2	230.3	251.4	274.4	298.0	318.4	340.1	357.2	370.3	383.2
-60°	170.8	191.2	210.5	229.3	248.9	269.7	289.3	308.4	328.3	347.3	357.2
-62.5°	152.6	170.6	188.9	206.9	224.2	241.0	258.6	275.8	292.4	309.2	324.0
-65°	133.8	149.7	165.6	182.1	198.9	212.9	227.5	243.0	258.1	272.5	286.3
-67.5°	114.7	129.3	142.9	156.0	170.6	184.0	195.7	208.2	221.6	236.0	248.7
-70°	98.5	109.3	121.4	133.0	143.9	155.3	166.7	176.6	186.0	198.5	211.3
-72.5°	82.7	92.2	101.5	110.5	120.3	129.9	139.1	148.0	156.7	165.8	175.4
-75°	67.9	75.0	82.8	90.6	98.2	105.5	112.6	120.2	127.6	134.5	141.2
-77.5°	53.8	59.7	65.5	71.2	76.8	82.9	88.8	94.4	99.8	105.0	109.9
-80°	40.3	44.4	49.0	53.5	57.4	61.3	65.3	69.5	73.8	77.9	81.8
-82.5°	28.0	31.1	34.1	37.0	39.0	40.6	42.1	44.4	48.4	52.2	55.6
-85°	16.4	17.8	19.8	21.7	23.4	24.8	26.0	27.0	28.9	30.8	32.8
-87.5°	8.2	8.9	9.6	10.2	10.8	11.4	12.0	12.6	13.1	13.6	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: P627219 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA3D-735-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°	14.6	15.0	15.4	15.8	16.1	16.4	16.7	17.0	17.2	16.3	15.4
85°	34.9	36.2	37.4	38.5	39.6	40.5	41.4	42.1	42.8	42.2	41.6
82.5°	58.7	61.1	63.2	65.2	67.0	68.6	70.1	71.4	72.6	72.5	72.2
80°	85.5	89.3	93.1	96.9	100.6	102.9	104.6	105.8	106.7	107.0	107.1
77.5°	114.9	120.8	127.0	133.0	139.0	142.4	144.8	146.9	148.5	148.9	148.6
75°	147.4	155.1	163.5	170.9	177.3	181.2	183.9	186.2	188.0	188.5	188.3
72.5°	185.4	194.8	202.3	208.5	213.9	218.1	221.5	224.4	226.8	227.7	227.9
70°	222.6	231.9	239.1	245.4	250.6	255.0	259.1	262.6	265.5	267.6	269.2
67.5°	260.4	271.0	278.3	284.0	288.5	293.1	298.6	303.3	307.2	309.9	311.2
65°	299.1	310.1	317.2	323.4	328.9	334.7	340.8	345.2	348.1	350.0	351.1
62.5°	336.6	346.8	355.8	364.1	372.0	378.7	382.8	386.5	389.7	392.4	394.4
60°	368.8	381.9	391.9	399.8	407.6	415.1	420.2	424.3	427.4	429.8	431.2
57.5°	396.3	409.7	421.4	429.1	437.6	446.6	452.5	455.9	459.0	461.7	463.0
55°	420.4	432.7	443.5	454.0	463.5	471.6	477.9	482.5	486.3	489.4	490.4
52.5°	442.0	455.4	468.1	479.3	488.6	496.4	502.6	508.3	512.6	515.5	516.9
50°	464.7	479.1	492.8	505.1	514.6	523.3	531.0	537.7	544.2	549.2	552.8
47.5°	487.1	502.5	517.6	531.0	542.5	555.1	566.4	575.9	585.2	592.7	598.0
45°	509.7	527.4	543.8	561.2	576.7	593.1	608.5	621.6	635.2	645.4	652.3
42.5°	534.7	554.8	574.6	596.2	617.4	638.8	662.0	682.7	698.6	713.6	725.8
40°	561.5	584.5	610.4	636.9	668.1	696.4	727.5	754.3	778.4	804.0	824.3
37.5°	590.2	618.9	652.8	688.4	728.7	767.4	808.1	848.0	882.8	924.0	955.4
35°	621.8	660.2	701.9	750.0	800.2	855.7	911.3	975.5	1030.8	1091.6	1144.6
32.5°	659.3	705.1	759.8	823.2	887.7	971.9	1050.6	1152.9	1241.2	1337.8	1435.0
30°	697.8	757.6	828.3	908.1	1010.8	1126.5	1255.6	1407.7	1564.5	1716.3	1899.4
27.5°	745.5	817.8	903.3	1020.0	1171.0	1327.5	1549.3	1777.7	2066.0	2304.4	2640.6
25°	795.1	880.2	1001.7	1160.4	1357.5	1629.0	1965.7	2330.7	2837.9	3283.6	3806.2
22.5°	849.0	963.9	1115.2	1311.0	1609.8	2026.7	2536.5	3223.6	3971.7	4766.0	5556.2
20°	905.2	1044.2	1242.5	1526.3	1936.4	2500.9	3376.2	4436.9	5505.7	6816.3	7976.9
17.5°	970.4	1147.3	1391.6	1746.5	2293.7	3158.5	4372.8	5853.5	7511.7	9396.2	11069.3
15°	1024.6	1235.6	1543.9	2040.5	2793.1	3903.7	5434.9	7471.9	9963.7	12494.7	15062.4
12.5°	1087.6	1331.7	1693.8	2285.9	3231.1	4707.1	6791.3	9369.6	12481.6	15992.0	20130.4
10°	1143.6	1426.0	1876.1	2609.1	3764.2	5544.9	8074.4	11176.2	15192.3	20243.1	26651.7
7.5°	1185.0	1501.0	2016.9	2855.0	4225.1	6350.4	9286.7	13154.7	18257.8	24927.3	33722.6
5°	1211.9	1555.3	2116.5	3044.8	4585.8	6949.9	10175.2	14558.0	20714.4	30147.3	45041.1
2.5°	1228.0	1587.5	2173.4	3156.1	4805.2	7347.2	10851.2	15619.0	22306.5	33373.3	52320.9
0°	1235.2	1596.4	2207.4	3215.2	4878.5	7500.5	11161.6	16102.5	23018.9	34127.1	53600.8
-2.5°	1228.0	1587.5	2173.4	3156.1	4805.2	7347.2	10851.2	15619.0	22306.5	33373.3	52320.9
-5°	1211.9	1555.3	2116.5	3044.8	4585.8	6949.9	10175.2	14558.0	20714.4	30147.3	45041.1
-7.5°	1185.0	1501.0	2016.9	2855.0	4225.1	6350.4	9286.7	13154.7	18257.8	24927.3	33722.6
-10°	1143.6	1426.0	1876.1	2609.1	3764.2	5544.9	8074.4	11176.2	15192.3	20243.1	26651.7
-12.5°	1087.6	1331.7	1693.8	2285.9	3231.1	4707.1	6791.3	9369.6	12481.6	15992.0	20130.4
-15°	1024.6	1235.6	1543.9	2040.5	2793.1	3903.7	5434.9	7471.9	9963.7	12494.7	15062.4
-17.5°	970.4	1147.3	1391.6	1746.5	2293.7	3158.5	4372.8	5853.5	7511.7	9396.2	11069.3
-20°	905.2	1044.2	1242.5	1526.3	1936.4	2500.9	3376.2	4436.9	5505.7	6816.3	7976.9

Classified

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

Scaled Data Report



REPORT NUMBER: P627219 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA3D-735-U-NR-XX

CANDELA DISTRIBUTION (continued):

	-35°	-32.5°	-30°	-27.5°	-25°	-22.5°	-20°	-17.5°	-15°	-12.5°	-10°
-22.5°	849.0	963.9	1115.2	1311.0	1609.8	2026.7	2536.5	3223.6	3971.7	4766.0	5556.2
-25°	795.1	880.2	1001.7	1160.4	1357.5	1629.0	1965.7	2330.7	2837.9	3283.6	3806.2
-27.5°	745.5	817.8	903.3	1020.0	1171.0	1327.5	1549.3	1777.7	2066.0	2304.4	2640.6
-30°	697.8	757.6	828.3	908.1	1010.8	1126.5	1255.6	1407.7	1564.5	1716.3	1899.4
-32.5°	659.3	705.1	759.8	823.2	887.7	971.9	1050.6	1152.9	1241.2	1337.8	1435.0
-35°	621.8	660.2	701.9	750.0	800.2	855.7	911.3	975.5	1030.8	1091.6	1144.6
-37.5°	590.2	618.9	652.8	688.4	728.7	767.4	808.1	848.0	882.8	924.0	955.4
-40°	561.5	584.5	610.4	636.9	668.1	696.4	727.5	754.3	778.4	804.0	824.3
-42.5°	534.7	554.8	574.6	596.2	617.4	638.8	662.0	682.7	698.6	713.6	725.8
-45°	509.7	527.4	543.8	561.2	576.7	593.1	608.5	621.6	635.2	645.4	652.3
-47.5°	487.1	502.5	517.6	531.0	542.5	555.1	566.4	575.9	585.2	592.7	598.0
-50°	464.7	479.1	492.8	505.1	514.6	523.3	531.0	537.7	544.2	549.2	552.8
-52.5°	442.0	455.4	468.1	479.3	488.6	496.4	502.6	508.3	512.6	515.5	516.9
-55°	420.4	432.7	443.5	454.0	463.5	471.6	477.9	482.5	486.3	489.4	490.4
-57.5°	396.3	409.7	421.4	429.1	437.6	446.6	452.5	455.9	459.0	461.7	463.0
-60°	368.8	381.9	391.9	399.8	407.6	415.1	420.2	424.3	427.4	429.8	431.2
-62.5°	336.6	346.8	355.8	364.1	372.0	378.7	382.8	386.5	389.7	392.4	394.4
-65°	299.1	310.1	317.2	323.4	328.9	334.7	340.8	345.2	348.1	350.0	351.1
-67.5°	260.4	271.0	278.3	284.0	288.5	293.1	298.6	303.3	307.2	309.9	311.2
-70°	222.6	231.9	239.1	245.4	250.6	255.0	259.1	262.6	265.5	267.6	269.2
-72.5°	185.4	194.8	202.3	208.5	213.9	218.1	221.5	224.4	226.8	227.7	227.9
-75°	147.4	155.1	163.5	170.9	177.3	181.2	183.9	186.2	188.0	188.5	188.3
-77.5°	114.9	120.8	127.0	133.0	139.0	142.4	144.8	146.9	148.5	148.9	148.6
-80°	85.5	89.3	93.1	96.9	100.6	102.9	104.6	105.8	106.7	107.0	107.1
-82.5°	58.7	61.1	63.2	65.2	67.0	68.6	70.1	71.4	72.6	72.5	72.2
-85°	34.9	36.2	37.4	38.5	39.6	40.5	41.4	42.1	42.8	42.2	41.6
-87.5°	14.6	15.0	15.4	15.8	16.1	16.4	16.7	17.0	17.2	16.3	15.4
-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: P627219 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA3D-735-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°	14.4	13.4	13.4	13.4	13.4	13.4	14.4	15.4	16.3	17.2	17.0
85°	40.8	39.9	40.0	40.1	40.0	39.9	40.8	41.6	42.2	42.8	42.1
82.5°	71.6	71.0	71.2	71.3	71.2	71.0	71.6	72.2	72.5	72.6	71.4
80°	106.9	106.5	104.7	102.6	104.7	106.5	106.9	107.1	107.0	106.7	105.8
77.5°	147.8	146.5	144.8	142.7	144.8	146.5	147.8	148.6	148.9	148.5	146.9
75°	187.7	186.5	187.1	187.3	187.1	186.5	187.7	188.3	188.5	188.0	186.2
72.5°	227.5	226.5	227.1	227.4	227.1	226.5	227.5	227.9	227.7	226.8	224.4
70°	270.3	270.7	269.6	267.6	269.6	270.7	270.3	269.2	267.6	265.5	262.6
67.5°	311.6	311.1	309.8	307.7	309.8	311.1	311.6	311.2	309.9	307.2	303.3
65°	351.5	351.1	351.9	352.3	351.9	351.1	351.5	351.1	350.0	348.1	345.2
62.5°	395.4	395.4	394.5	392.4	394.5	395.4	395.4	394.4	392.4	389.7	386.5
60°	431.8	431.5	430.2	428.1	430.2	431.5	431.8	431.2	429.8	427.4	424.3
57.5°	463.4	462.9	461.5	459.3	461.5	462.9	463.4	463.0	461.7	459.0	455.9
55°	490.5	489.8	488.4	486.1	488.4	489.8	490.5	490.4	489.4	486.3	482.5
52.5°	517.2	516.7	516.8	517.3	516.8	516.7	517.2	516.9	515.5	512.6	508.3
50°	555.1	555.8	555.2	553.0	555.2	555.8	555.1	552.8	549.2	544.2	537.7
47.5°	600.5	600.7	599.7	597.5	599.7	600.7	600.5	598.0	592.7	585.2	575.9
45°	657.7	660.9	661.7	660.0	661.7	660.9	657.7	652.3	645.4	635.2	621.6
42.5°	735.1	740.2	741.6	740.2	741.6	740.2	735.1	725.8	713.6	698.6	682.7
40°	836.8	842.5	843.6	842.8	843.6	842.5	836.8	824.3	804.0	778.4	754.3
37.5°	977.4	991.5	998.1	998.9	998.1	991.5	977.4	955.4	924.0	882.8	848.0
35°	1185.0	1213.0	1228.0	1235.2	1228.0	1213.0	1185.0	1144.6	1091.6	1030.8	975.5
32.5°	1508.6	1564.7	1595.8	1592.0	1595.8	1564.7	1508.6	1435.0	1337.8	1241.2	1152.9
30°	2037.4	2135.4	2184.8	2171.7	2184.8	2135.4	2037.4	1899.4	1716.3	1564.5	1407.7
27.5°	2882.1	3059.3	3161.8	3148.3	3161.8	3059.3	2882.1	2640.6	2304.4	2066.0	1777.7
25°	4243.1	4566.6	4773.7	4722.4	4773.7	4566.6	4243.1	3806.2	3283.6	2837.9	2330.7
22.5°	6313.6	6861.6	7224.2	7179.5	7224.2	6861.6	6313.6	5556.2	4766.0	3971.7	3223.6
20°	9153.7	9987.8	10583.3	10662.2	10583.3	9987.8	9153.7	7976.9	6816.3	5505.7	4436.9
17.5°	12876.6	14199.0	15119.5	15273.1	15119.5	14199.0	12876.6	11069.3	9396.2	7511.7	5853.5
15°	17715.0	19876.3	21440.6	21569.7	21440.6	19876.3	17715.0	15062.4	12494.7	9963.7	7471.9
12.5°	24284.8	28631.8	31468.9	32717.9	31468.9	28631.8	24284.8	20130.4	15992.0	12481.6	9369.6
10°	33377.0	43362.0	49756.6	52160.5	49756.6	43362.0	33377.0	26651.7	20243.1	15192.3	11176.2
7.5°	48563.8	64240.5	81668.8	89096.9	81668.8	64240.5	48563.8	33722.6	24927.3	18257.8	13154.7
5°	65761.6	98297.0	129244.0	141328.7	129244.0	98297.0	65761.6	45041.1	30147.3	20714.4	14558.0
2.5°	83858.1	129207.8	171703.8	188323.1	171703.8	129207.8	83858.1	52320.9	33373.3	22306.5	15619.0
0°	90925.2	142742.3	189498.1	208133.5	189498.1	142742.3	90925.2	53600.8	34127.1	23018.9	16102.5
-2.5°	83858.1	129207.8	171703.8	188323.1	171703.8	129207.8	83858.1	52320.9	33373.3	22306.5	15619.0
-5°	65761.6	98297.0	129244.0	141328.7	129244.0	98297.0	65761.6	45041.1	30147.3	20714.4	14558.0
-7.5°	48563.8	64240.5	81668.8	89096.9	81668.8	64240.5	48563.8	33722.6	24927.3	18257.8	13154.7
-10°	33377.0	43362.0	49756.6	52160.5	49756.6	43362.0	33377.0	26651.7	20243.1	15192.3	11176.2
-12.5°	24284.8	28631.8	31468.9	32717.9	31468.9	28631.8	24284.8	20130.4	15992.0	12481.6	9369.6
-15°	17715.0	19876.3	21440.6	21569.7	21440.6	19876.3	17715.0	15062.4	12494.7	9963.7	7471.9
-17.5°	12876.6	14199.0	15119.5	15273.1	15119.5	14199.0	12876.6	11069.3	9396.2	7511.7	5853.5
-20°	9153.7	9987.8	10583.3	10662.2	10583.3	9987.8	9153.7	7976.9	6816.3	5505.7	4436.9

Classified

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

Scaled Data Report



REPORT NUMBER: P627219 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA3D-735-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°	6313.6	6861.6	7224.2	7179.5	7224.2	6861.6	6313.6	5556.2	4766.0	3971.7	3223.6
-25°	4243.1	4566.6	4773.7	4722.4	4773.7	4566.6	4243.1	3806.2	3283.6	2837.9	2330.7
-27.5°	2882.1	3059.3	3161.8	3148.3	3161.8	3059.3	2882.1	2640.6	2304.4	2066.0	1777.7
-30°	2037.4	2135.4	2184.8	2171.7	2184.8	2135.4	2037.4	1899.4	1716.3	1564.5	1407.7
-32.5°	1508.6	1564.7	1595.8	1592.0	1595.8	1564.7	1508.6	1435.0	1337.8	1241.2	1152.9
-35°	1185.0	1213.0	1228.0	1235.2	1228.0	1213.0	1185.0	1144.6	1091.6	1030.8	975.5
-37.5°	977.4	991.5	998.1	998.9	998.1	991.5	977.4	955.4	924.0	882.8	848.0
-40°	836.8	842.5	843.6	842.8	843.6	842.5	836.8	824.3	804.0	778.4	754.3
-42.5°	735.1	740.2	741.6	740.2	741.6	740.2	735.1	725.8	713.6	698.6	682.7
-45°	657.7	660.9	661.7	660.0	661.7	660.9	657.7	652.3	645.4	635.2	621.6
-47.5°	600.5	600.7	599.7	597.5	599.7	600.7	600.5	598.0	592.7	585.2	575.9
-50°	555.1	555.8	555.2	553.0	555.2	555.8	555.1	552.8	549.2	544.2	537.7
-52.5°	517.2	516.7	516.8	517.3	516.8	516.7	517.2	516.9	515.5	512.6	508.3
-55°	490.5	489.8	488.4	486.1	488.4	489.8	490.5	490.4	489.4	486.3	482.5
-57.5°	463.4	462.9	461.5	459.3	461.5	462.9	463.4	463.0	461.7	459.0	455.9
-60°	431.8	431.5	430.2	428.1	430.2	431.5	431.8	431.2	429.8	427.4	424.3
-62.5°	395.4	395.4	394.5	392.4	394.5	395.4	395.4	394.4	392.4	389.7	386.5
-65°	351.5	351.1	351.9	352.3	351.9	351.1	351.5	351.1	350.0	348.1	345.2
-67.5°	311.6	311.1	309.8	307.7	309.8	311.1	311.6	311.2	309.9	307.2	303.3
-70°	270.3	270.7	269.6	267.6	269.6	270.7	270.3	269.2	267.6	265.5	262.6
-72.5°	227.5	226.5	227.1	227.4	227.1	226.5	227.5	227.9	227.7	226.8	224.4
-75°	187.7	186.5	187.1	187.3	187.1	186.5	187.7	188.3	188.5	188.0	186.2
-77.5°	147.8	146.5	144.8	142.7	144.8	146.5	147.8	148.6	148.9	148.5	146.9
-80°	106.9	106.5	104.7	102.6	104.7	106.5	106.9	107.1	107.0	106.7	105.8
-82.5°	71.6	71.0	71.2	71.3	71.2	71.0	71.6	72.2	72.5	72.6	71.4
-85°	40.8	39.9	40.0	40.1	40.0	39.9	40.8	41.6	42.2	42.8	42.1
-87.5°	14.4	13.4	13.4	13.4	13.4	13.4	14.4	15.4	16.3	17.2	17.0
-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: P627219 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA3D-735-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°	16.7	16.4	16.1	15.8	15.4	15.0	14.6	14.1	13.6	13.1	12.6
85°	41.4	40.5	39.6	38.5	37.4	36.2	34.9	32.8	30.8	28.9	27.0
82.5°	70.1	68.6	67.0	65.2	63.2	61.1	58.7	55.6	52.2	48.4	44.4
80°	104.6	102.9	100.6	96.9	93.1	89.3	85.5	81.8	77.9	73.8	69.5
77.5°	144.8	142.4	139.0	133.0	127.0	120.8	114.9	109.9	105.0	99.8	94.4
75°	183.9	181.2	177.3	170.9	163.5	155.1	147.4	141.2	134.5	127.6	120.2
72.5°	221.5	218.1	213.9	208.5	202.3	194.8	185.4	175.4	165.8	156.7	148.0
70°	259.1	255.0	250.6	245.4	239.1	231.9	222.6	211.3	198.5	186.0	176.6
67.5°	298.6	293.1	288.5	284.0	278.3	271.0	260.4	248.7	236.0	221.6	208.2
65°	340.8	334.7	328.9	323.4	317.2	310.1	299.1	286.3	272.5	258.1	243.0
62.5°	382.8	378.7	372.0	364.1	355.8	346.8	336.6	324.0	309.2	292.4	275.8
60°	420.2	415.1	407.6	399.8	391.9	381.9	368.8	357.2	347.3	328.3	308.4
57.5°	452.5	446.6	437.6	429.1	421.4	409.7	396.3	383.2	370.3	357.2	340.1
55°	477.9	471.6	463.5	454.0	443.5	432.7	420.4	406.4	392.8	380.7	364.9
52.5°	502.6	496.4	488.6	479.3	468.1	455.4	442.0	428.1	415.3	402.9	388.8
50°	531.0	523.3	514.6	505.1	492.8	479.1	464.7	449.8	436.6	424.0	410.6
47.5°	566.4	555.1	542.5	531.0	517.6	502.5	487.1	472.1	457.7	442.8	429.3
45°	608.5	593.1	576.7	561.2	543.8	527.4	509.7	494.0	478.6	462.5	445.8
42.5°	662.0	638.8	617.4	596.2	574.6	554.8	534.7	516.4	499.0	481.8	463.8
40°	727.5	696.4	668.1	636.9	610.4	584.5	561.5	538.6	519.3	500.7	480.8
37.5°	808.1	767.4	728.7	688.4	652.8	618.9	590.2	563.8	538.7	518.4	497.4
35°	911.3	855.7	800.2	750.0	701.9	660.2	621.8	590.2	561.5	535.3	513.3
32.5°	1050.6	971.9	887.7	823.2	759.8	705.1	659.3	618.9	584.5	554.8	528.5
30°	1255.6	1126.5	1010.8	908.1	828.3	757.6	697.8	651.2	610.4	574.6	543.8
27.5°	1549.3	1327.5	1171.0	1020.0	903.3	817.8	745.5	684.4	636.4	596.2	560.9
25°	1965.7	1629.0	1357.5	1160.4	1001.7	880.2	795.1	724.2	665.5	617.2	574.6
22.5°	2536.5	2026.7	1609.8	1311.0	1115.2	963.9	849.0	763.5	692.1	635.5	589.2
20°	3376.2	2500.9	1936.4	1526.3	1242.5	1044.2	905.2	804.7	722.0	654.5	601.9
17.5°	4372.8	3158.5	2293.7	1746.5	1391.6	1147.3	970.4	842.5	749.2	671.1	612.3
15°	5434.9	3903.7	2793.1	2040.5	1543.9	1235.6	1024.6	876.0	775.1	689.4	625.2
12.5°	6791.3	4707.1	3231.1	2285.9	1693.8	1331.7	1087.6	918.5	800.6	709.0	638.6
10°	8074.4	5544.9	3764.2	2609.1	1876.1	1426.0	1143.6	951.1	820.3	724.7	649.5
7.5°	9286.7	6350.4	4225.1	2855.0	2016.9	1501.0	1185.0	974.7	834.4	735.7	657.8
5°	10175.2	6949.9	4585.8	3044.8	2116.5	1555.3	1211.9	989.4	842.7	742.1	663.5
2.5°	10851.2	7347.2	4805.2	3156.1	2173.4	1587.5	1228.0	1000.6	850.8	747.3	669.7
0°	11161.6	7500.5	4878.5	3215.2	2207.4	1596.4	1235.2	1007.8	856.2	749.2	673.4
-2.5°	10851.2	7347.2	4805.2	3156.1	2173.4	1587.5	1228.0	1000.6	850.8	747.3	669.7
-5°	10175.2	6949.9	4585.8	3044.8	2116.5	1555.3	1211.9	989.4	842.7	742.1	663.5
-7.5°	9286.7	6350.4	4225.1	2855.0	2016.9	1501.0	1185.0	974.7	834.4	735.7	657.8
-10°	8074.4	5544.9	3764.2	2609.1	1876.1	1426.0	1143.6	951.1	820.3	724.7	649.5
-12.5°	6791.3	4707.1	3231.1	2285.9	1693.8	1331.7	1087.6	918.5	800.6	709.0	638.6
-15°	5434.9	3903.7	2793.1	2040.5	1543.9	1235.6	1024.6	876.0	775.1	689.4	625.2
-17.5°	4372.8	3158.5	2293.7	1746.5	1391.6	1147.3	970.4	842.5	749.2	671.1	612.3
-20°	3376.2	2500.9	1936.4	1526.3	1242.5	1044.2	905.2	804.7	722.0	654.5	601.9

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Scaled Data Report



REPORT NUMBER: P627219 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA3D-735-U-NR-XX

CANDELA DISTRIBUTION (continued):

	20°	22.5°	25°	27.5°	30°	32.5°	35°	37.5°	40°	42.5°	45°
-22.5°	2536.5	2026.7	1609.8	1311.0	1115.2	963.9	849.0	763.5	692.1	635.5	589.2
-25°	1965.7	1629.0	1357.5	1160.4	1001.7	880.2	795.1	724.2	665.5	617.2	574.6
-27.5°	1549.3	1327.5	1171.0	1020.0	903.3	817.8	745.5	684.4	636.4	596.2	560.9
-30°	1255.6	1126.5	1010.8	908.1	828.3	757.6	697.8	651.2	610.4	574.6	543.8
-32.5°	1050.6	971.9	887.7	823.2	759.8	705.1	659.3	618.9	584.5	554.8	528.5
-35°	911.3	855.7	800.2	750.0	701.9	660.2	621.8	590.2	561.5	535.3	513.3
-37.5°	808.1	767.4	728.7	688.4	652.8	618.9	590.2	563.8	538.7	518.4	497.4
-40°	727.5	696.4	668.1	636.9	610.4	584.5	561.5	538.6	519.3	500.7	480.8
-42.5°	662.0	638.8	617.4	596.2	574.6	554.8	534.7	516.4	499.0	481.8	463.8
-45°	608.5	593.1	576.7	561.2	543.8	527.4	509.7	494.0	478.6	462.5	445.8
-47.5°	566.4	555.1	542.5	531.0	517.6	502.5	487.1	472.1	457.7	442.8	429.3
-50°	531.0	523.3	514.6	505.1	492.8	479.1	464.7	449.8	436.6	424.0	410.6
-52.5°	502.6	496.4	488.6	479.3	468.1	455.4	442.0	428.1	415.3	402.9	388.8
-55°	477.9	471.6	463.5	454.0	443.5	432.7	420.4	406.4	392.8	380.7	364.9
-57.5°	452.5	446.6	437.6	429.1	421.4	409.7	396.3	383.2	370.3	357.2	340.1
-60°	420.2	415.1	407.6	399.8	391.9	381.9	368.8	357.2	347.3	328.3	308.4
-62.5°	382.8	378.7	372.0	364.1	355.8	346.8	336.6	324.0	309.2	292.4	275.8
-65°	340.8	334.7	328.9	323.4	317.2	310.1	299.1	286.3	272.5	258.1	243.0
-67.5°	298.6	293.1	288.5	284.0	278.3	271.0	260.4	248.7	236.0	221.6	208.2
-70°	259.1	255.0	250.6	245.4	239.1	231.9	222.6	211.3	198.5	186.0	176.6
-72.5°	221.5	218.1	213.9	208.5	202.3	194.8	185.4	175.4	165.8	156.7	148.0
-75°	183.9	181.2	177.3	170.9	163.5	155.1	147.4	141.2	134.5	127.6	120.2
-77.5°	144.8	142.4	139.0	133.0	127.0	120.8	114.9	109.9	105.0	99.8	94.4
-80°	104.6	102.9	100.6	96.9	93.1	89.3	85.5	81.8	77.9	73.8	69.5
-82.5°	70.1	68.6	67.0	65.2	63.2	61.1	58.7	55.6	52.2	48.4	44.4
-85°	41.4	40.5	39.6	38.5	37.4	36.2	34.9	32.8	30.8	28.9	27.0
-87.5°	16.7	16.4	16.1	15.8	15.4	15.0	14.6	14.1	13.6	13.1	12.6
-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: P627219 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA3D-735-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°	12.0	11.4	10.8	10.2	9.6	8.9	8.2	7.5	6.8	6.1	5.4
85°	26.0	24.8	23.4	21.7	19.8	17.8	16.4	15.0	13.6	12.2	10.7
82.5°	42.1	40.6	39.0	37.0	34.1	31.1	28.0	24.9	21.7	18.4	16.0
80°	65.3	61.3	57.4	53.5	49.0	44.4	40.3	36.1	31.8	27.5	23.1
77.5°	88.8	82.9	76.8	71.2	65.5	59.7	53.8	47.7	41.9	36.5	31.0
75°	112.6	105.5	98.2	90.6	82.8	75.0	67.9	60.6	53.1	45.6	38.9
72.5°	139.1	129.9	120.3	110.5	101.5	92.2	82.7	73.3	64.7	55.9	46.9
70°	166.7	155.3	143.9	133.0	121.4	109.3	98.5	87.4	76.1	66.0	55.9
67.5°	195.7	184.0	170.6	156.0	142.9	129.3	114.7	101.6	89.0	76.1	64.7
65°	227.5	212.9	198.9	182.1	165.6	149.7	133.8	116.5	101.6	87.4	73.3
62.5°	258.6	241.0	224.2	206.9	188.9	170.6	152.6	133.3	114.5	98.5	82.7
60°	289.3	269.7	248.9	229.3	210.5	191.2	170.8	149.5	128.9	109.3	92.2
57.5°	318.4	298.0	274.4	251.4	230.3	210.2	188.4	165.3	142.9	121.2	101.4
55°	345.6	322.8	298.3	273.3	249.6	227.5	204.9	180.4	156.3	132.9	110.3
52.5°	370.7	346.8	320.6	294.1	268.2	244.2	220.3	195.0	169.2	144.3	119.9
50°	394.0	370.6	342.8	314.4	285.9	260.5	235.4	208.9	181.5	155.1	129.2
47.5°	414.2	392.0	365.1	334.3	304.0	276.7	250.3	222.5	193.3	165.4	138.3
45°	430.7	411.8	385.9	355.0	322.5	293.5	265.0	235.8	205.3	175.4	146.9
42.5°	445.9	428.4	405.1	375.2	341.4	310.0	279.3	248.8	216.9	184.9	155.3
40°	461.5	442.9	422.8	392.8	359.2	325.9	293.7	261.4	228.2	194.3	163.2
37.5°	476.1	456.8	436.4	409.1	375.2	340.9	307.5	273.6	238.7	203.6	170.7
35°	490.9	469.2	448.2	421.9	389.1	354.5	320.6	285.4	248.6	212.2	177.8
32.5°	505.1	480.8	458.0	432.3	401.7	366.7	332.3	295.6	257.8	220.2	184.4
30°	518.0	491.6	467.5	442.4	412.6	377.4	342.3	305.0	266.4	227.5	190.7
27.5°	528.3	500.6	476.6	451.1	421.2	387.0	350.9	313.3	274.4	234.3	196.6
25°	538.6	508.9	483.8	459.0	429.3	396.7	359.1	320.7	281.4	240.7	201.9
22.5°	550.0	516.6	489.5	466.5	437.6	406.0	366.7	327.2	287.4	246.4	206.6
20°	560.0	523.3	493.8	472.4	444.2	412.9	374.0	333.0	292.6	251.5	210.8
17.5°	568.9	530.4	499.4	475.9	449.3	418.9	380.8	338.1	297.0	255.9	214.3
15°	578.2	537.9	504.3	478.7	453.5	423.9	386.9	342.5	300.6	259.7	217.5
12.5°	586.4	544.0	508.3	480.9	456.7	427.9	392.3	346.2	303.3	262.8	220.4
10°	593.3	548.7	511.3	482.4	458.9	431.0	396.9	349.8	306.3	265.3	222.8
7.5°	598.7	551.9	513.3	483.2	460.5	433.5	400.9	353.9	308.8	267.0	224.8
5°	602.6	554.5	516.2	486.0	462.3	435.4	403.7	357.2	310.7	267.9	226.2
2.5°	605.5	556.7	519.5	488.6	463.4	436.6	405.3	359.7	311.8	268.1	227.1
0°	606.5	557.4	521.7	490.5	463.8	437.0	405.8	361.2	312.2	267.6	227.4
-2.5°	605.5	556.7	519.5	488.6	463.4	436.6	405.3	359.7	311.8	268.1	227.1
-5°	602.6	554.5	516.2	486.0	462.3	435.4	403.7	357.2	310.7	267.9	226.2
-7.5°	598.7	551.9	513.3	483.2	460.5	433.5	400.9	353.9	308.8	267.0	224.8
-10°	593.3	548.7	511.3	482.4	458.9	431.0	396.9	349.8	306.3	265.3	222.8
-12.5°	586.4	544.0	508.3	480.9	456.7	427.9	392.3	346.2	303.3	262.8	220.4
-15°	578.2	537.9	504.3	478.7	453.5	423.9	386.9	342.5	300.6	259.7	217.5
-17.5°	568.9	530.4	499.4	475.9	449.3	418.9	380.8	338.1	297.0	255.9	214.3
-20°	560.0	523.3	493.8	472.4	444.2	412.9	374.0	333.0	292.6	251.5	210.8

Classified

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



REPORT NUMBER: P627219 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA3D-735-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°	550.0	516.6	489.5	466.5	437.6	406.0	366.7	327.2	287.4	246.4	206.6
-25°	538.6	508.9	483.8	459.0	429.3	396.7	359.1	320.7	281.4	240.7	201.9
-27.5°	528.3	500.6	476.6	451.1	421.2	387.0	350.9	313.3	274.4	234.3	196.6
-30°	518.0	491.6	467.5	442.4	412.6	377.4	342.3	305.0	266.4	227.5	190.7
-32.5°	505.1	480.8	458.0	432.3	401.7	366.7	332.3	295.6	257.8	220.2	184.4
-35°	490.9	469.2	448.2	421.9	389.1	354.5	320.6	285.4	248.6	212.2	177.8
-37.5°	476.1	456.8	436.4	409.1	375.2	340.9	307.5	273.6	238.7	203.6	170.7
-40°	461.5	442.9	422.8	392.8	359.2	325.9	293.7	261.4	228.2	194.3	163.2
-42.5°	445.9	428.4	405.1	375.2	341.4	310.0	279.3	248.8	216.9	184.9	155.3
-45°	430.7	411.8	385.9	355.0	322.5	293.5	265.0	235.8	205.3	175.4	146.9
-47.5°	414.2	392.0	365.1	334.3	304.0	276.7	250.3	222.5	193.3	165.4	138.3
-50°	394.0	370.6	342.8	314.4	285.9	260.5	235.4	208.9	181.5	155.1	129.2
-52.5°	370.7	346.8	320.6	294.1	268.2	244.2	220.3	195.0	169.2	144.3	119.9
-55°	345.6	322.8	298.3	273.3	249.6	227.5	204.9	180.4	156.3	132.9	110.3
-57.5°	318.4	298.0	274.4	251.4	230.3	210.2	188.4	165.3	142.9	121.2	101.4
-60°	289.3	269.7	248.9	229.3	210.5	191.2	170.8	149.5	128.9	109.3	92.2
-62.5°	258.6	241.0	224.2	206.9	188.9	170.6	152.6	133.3	114.5	98.5	82.7
-65°	227.5	212.9	198.9	182.1	165.6	149.7	133.8	116.5	101.6	87.4	73.3
-67.5°	195.7	184.0	170.6	156.0	142.9	129.3	114.7	101.6	89.0	76.1	64.7
-70°	166.7	155.3	143.9	133.0	121.4	109.3	98.5	87.4	76.1	66.0	55.9
-72.5°	139.1	129.9	120.3	110.5	101.5	92.2	82.7	73.3	64.7	55.9	46.9
-75°	112.6	105.5	98.2	90.6	82.8	75.0	67.9	60.6	53.1	45.6	38.9
-77.5°	88.8	82.9	76.8	71.2	65.5	59.7	53.8	47.7	41.9	36.5	31.0
-80°	65.3	61.3	57.4	53.5	49.0	44.4	40.3	36.1	31.8	27.5	23.1
-82.5°	42.1	40.6	39.0	37.0	34.1	31.1	28.0	24.9	21.7	18.4	16.0
-85°	26.0	24.8	23.4	21.7	19.8	17.8	16.4	15.0	13.6	12.2	10.7
-87.5°	12.0	11.4	10.8	10.2	9.6	8.9	8.2	7.5	6.8	6.1	5.4
-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-SA3D-735-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°	4.6	3.9	3.1	2.3	1.6	0.7	0.0
85°	9.2	7.7	6.2	4.6	3.1	1.4	0.0
82.5°	13.8	11.5	9.2	7.0	4.6	2.0	0.0
80°	18.6	15.3	12.3	9.2	6.2	2.7	0.0
77.5°	25.4	19.7	15.3	11.5	7.7	3.4	0.0
75°	32.1	25.1	18.5	13.8	9.1	4.0	0.0
72.5°	38.6	30.3	22.6	16.0	10.6	4.7	0.0
70°	45.2	35.5	26.6	18.3	12.0	5.3	0.0
67.5°	52.6	40.5	30.5	21.2	13.4	5.9	0.0
65°	60.0	46.1	34.3	23.9	14.7	6.5	0.0
62.5°	67.1	52.0	38.0	26.6	16.0	7.1	0.0
60°	74.1	57.9	41.6	29.2	17.2	7.7	0.0
57.5°	81.8	63.6	46.1	31.7	18.8	8.2	0.0
55°	89.4	69.1	50.5	34.2	20.4	8.7	0.0
52.5°	96.8	74.6	54.8	36.5	21.9	9.2	0.0
50°	103.9	80.5	58.9	38.7	23.4	9.7	0.0
47.5°	110.9	86.2	62.9	41.1	24.9	10.1	0.0
45°	118.3	91.7	66.7	43.9	26.3	10.6	0.0
42.5°	125.4	96.9	70.3	46.7	27.6	11.0	0.0
40°	132.2	101.9	74.0	49.3	28.9	11.3	0.0
37.5°	138.6	106.6	77.8	51.9	30.2	11.7	0.0
35°	144.7	111.4	81.3	54.3	31.3	12.0	0.0
32.5°	150.3	116.1	84.6	56.6	32.5	12.3	0.0
30°	155.6	120.5	87.7	58.7	33.5	12.6	0.0
27.5°	160.5	124.6	90.7	60.7	34.5	12.8	0.0
25°	165.0	128.3	93.5	62.5	35.4	13.0	0.0
22.5°	169.0	131.6	96.0	64.1	36.3	13.2	0.0
20°	172.6	134.5	98.3	65.6	37.1	13.3	0.0
17.5°	175.6	136.9	100.3	66.9	37.7	13.4	0.0
15°	178.0	139.0	102.1	68.1	38.4	13.5	0.0
12.5°	180.0	140.6	103.6	69.1	38.9	13.5	0.0
10°	181.5	141.8	104.8	69.9	39.3	13.6	0.0
7.5°	182.5	142.6	105.8	70.5	39.7	13.6	0.0
5°	183.1	143.0	106.5	70.9	39.9	13.5	0.0
2.5°	183.2	143.0	106.9	71.2	40.0	13.5	0.0
0°	182.8	142.7	107.0	71.3	40.1	13.4	0.0
-2.5°	183.2	143.0	106.9	71.2	40.0	13.5	0.0
-5°	183.1	143.0	106.5	70.9	39.9	13.5	0.0
-7.5°	182.5	142.6	105.8	70.5	39.7	13.6	0.0
-10°	181.5	141.8	104.8	69.9	39.3	13.6	0.0
-12.5°	180.0	140.6	103.6	69.1	38.9	13.5	0.0
-15°	178.0	139.0	102.1	68.1	38.4	13.5	0.0
-17.5°	175.6	136.9	100.3	66.9	37.7	13.4	0.0
-20°	172.6	134.5	98.3	65.6	37.1	13.3	0.0

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CATALOG NUMBER: GFLD-SA3D-735-U-NR-XX

CANDELA DISTRIBUTION (continued):

	75°	77.5°	80°	82.5°	85°	87.5°	90°
-22.5°	169.0	131.6	96.0	64.1	36.3	13.2	0.0
-25°	165.0	128.3	93.5	62.5	35.4	13.0	0.0
-27.5°	160.5	124.6	90.7	60.7	34.5	12.8	0.0
-30°	155.6	120.5	87.7	58.7	33.5	12.6	0.0
-32.5°	150.3	116.1	84.6	56.6	32.5	12.3	0.0
-35°	144.7	111.4	81.3	54.3	31.3	12.0	0.0
-37.5°	138.6	106.6	77.8	51.9	30.2	11.7	0.0
-40°	132.2	101.9	74.0	49.3	28.9	11.3	0.0
-42.5°	125.4	96.9	70.3	46.7	27.6	11.0	0.0
-45°	118.3	91.7	66.7	43.9	26.3	10.6	0.0
-47.5°	110.9	86.2	62.9	41.1	24.9	10.1	0.0
-50°	103.9	80.5	58.9	38.7	23.4	9.7	0.0
-52.5°	96.8	74.6	54.8	36.5	21.9	9.2	0.0
-55°	89.4	69.1	50.5	34.2	20.4	8.7	0.0
-57.5°	81.8	63.6	46.1	31.7	18.8	8.2	0.0
-60°	74.1	57.9	41.6	29.2	17.2	7.7	0.0
-62.5°	67.1	52.0	38.0	26.6	16.0	7.1	0.0
-65°	60.0	46.1	34.3	23.9	14.7	6.5	0.0
-67.5°	52.6	40.5	30.5	21.2	13.4	5.9	0.0
-70°	45.2	35.5	26.6	18.3	12.0	5.3	0.0
-72.5°	38.6	30.3	22.6	16.0	10.6	4.7	0.0
-75°	32.1	25.1	18.5	13.8	9.1	4.0	0.0
-77.5°	25.4	19.7	15.3	11.5	7.7	3.4	0.0
-80°	18.6	15.3	12.3	9.2	6.2	2.7	0.0
-82.5°	13.8	11.5	9.2	7.0	4.6	2.0	0.0
-85°	9.2	7.7	6.2	4.6	3.1	1.4	0.0
-87.5°	4.6	3.9	3.1	2.3	1.6	0.7	0.0
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0

(END OF REPORT)