

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: P627279 (CONVERTED FROM TYPE C PHOTOMETRY)

Luminaire Tested: **GFLD-SA3E-735-U-NR-XX**

Issue Date: 12/7/2022

Test Information

Test Method: LM-79-08
Report Number: P627279 (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-SA3E-735-U-NR-XX
Description: GALLEON FLOOD, THREE LIGHT SQAURE, NARROW SYMMETRICAL ROUND N72
Light Source: (48) 3500K CCT, 70 CRI LEDS
Ballast/Driver: -

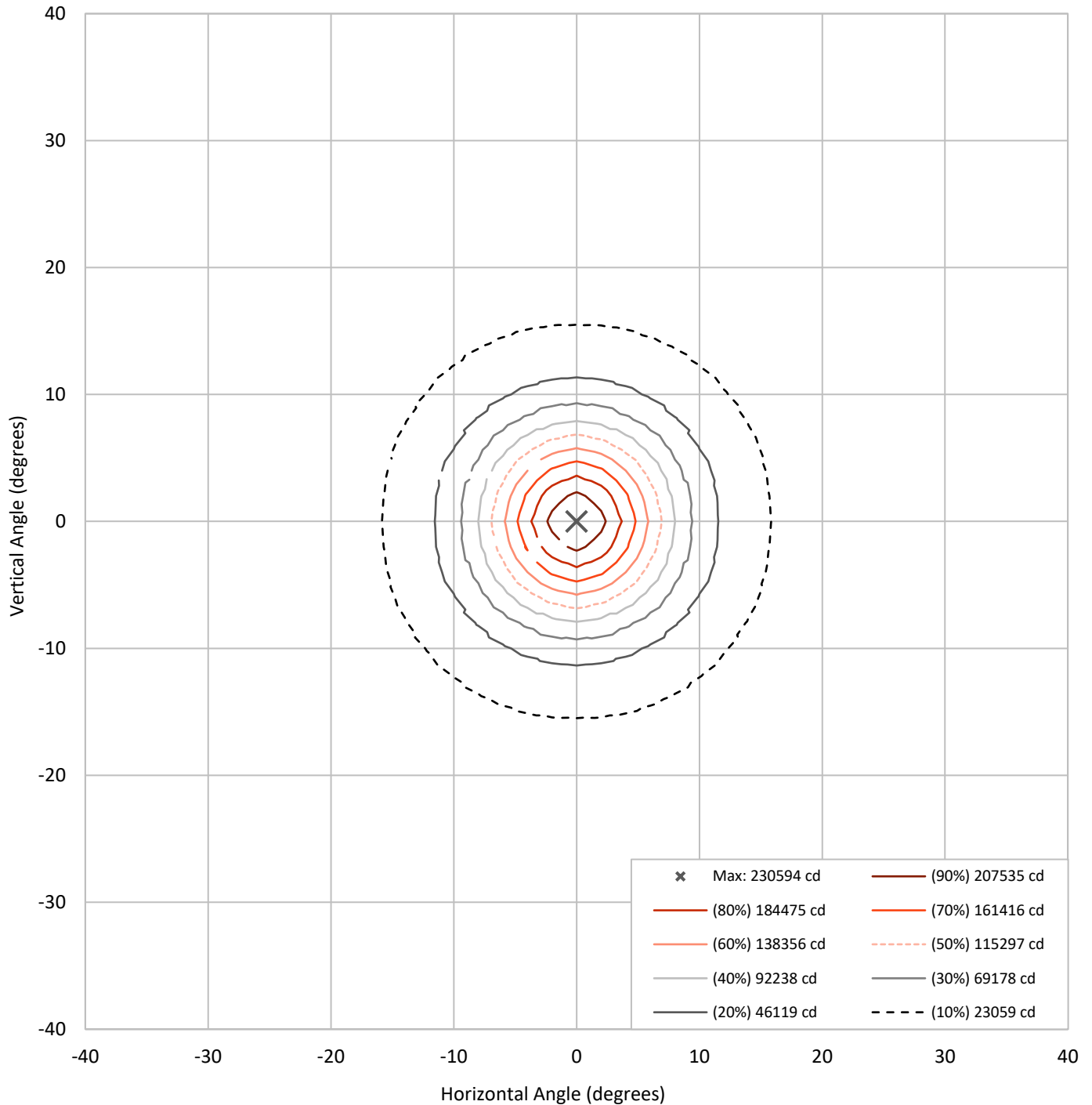
Summary

Lumens per Lamp:	N/A	NEMA Type:	3H x 3V
Luminaire Lumens:	24485.7 lumens	Max Intensity:	230594 candela
Efficiency:	N/A	Max Intensity Angle:	0°H x 0°V
Efficacy:	132.2 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:	7239.3 lumens	Field Lumens:	16291.5 lumens
Beam Efficiency:	29.6%	Field Efficiency:	66.5%
Input Watts (W):	185.2		
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





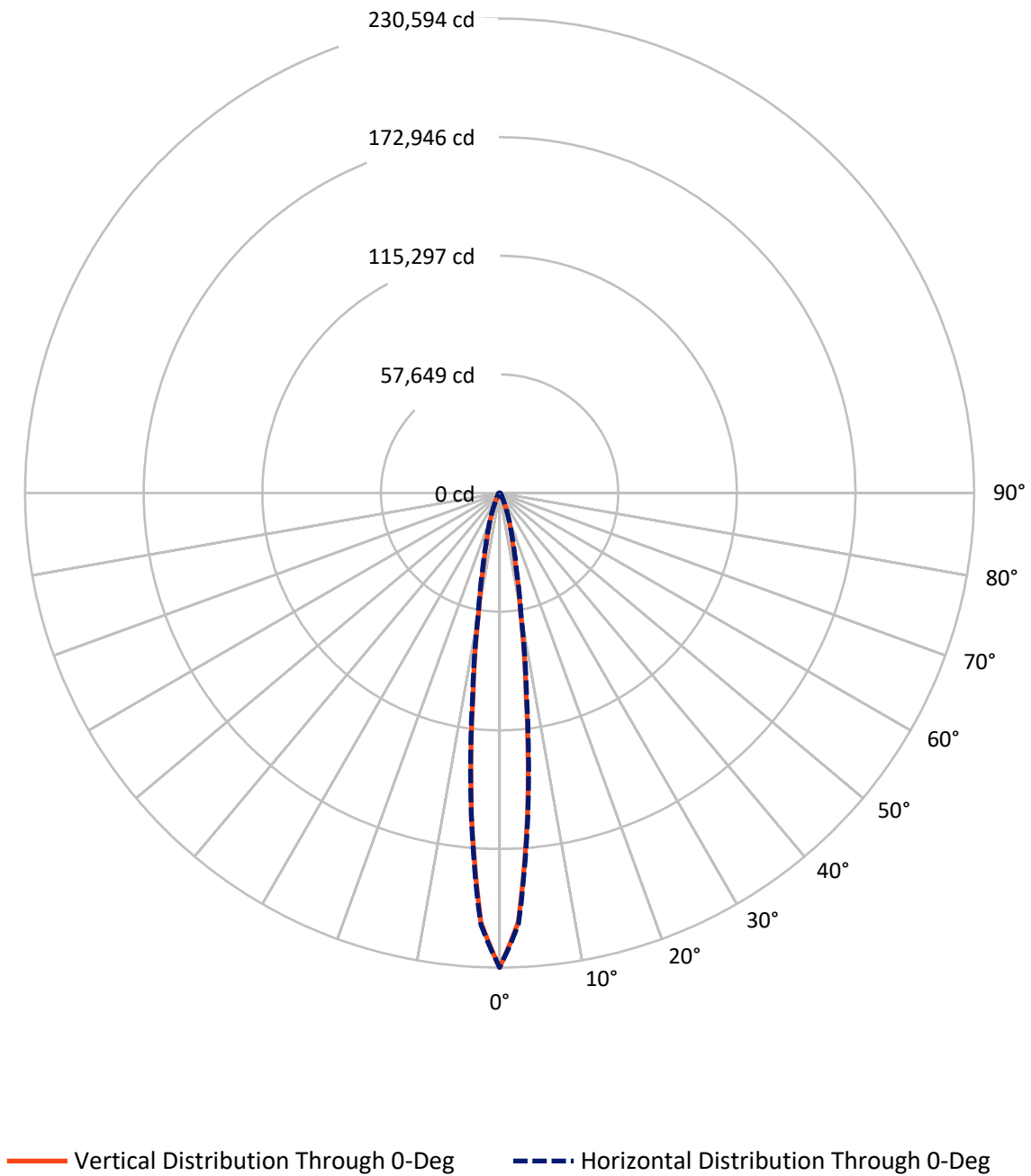
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Lumen Table

90	0.4	3.4		8.8		14.3		15.6		14.3		8.8		3.4		0.4			
80	0.4	3.4		8.8		14.3		15.6		14.3		8.8		3.4		0.4			
70	1.5	1.7	3.5	5.8	8.2	10.1	11.3	11.8	11.8	11.3	10.1	8.2	5.8	3.5	1.7	1.5			
60		2.6	5.3	8.6	11.6	14.1	15.8	16.5	16.5	15.8	14.1	11.6	8.6	5.3	2.6				
50	2.7	3.4	6.9	10.6	14.1	17.8	21.0	22.6	22.6	21.0	17.8	14.1	10.6	6.9	3.4	2.7			
40		4.1	8.1	12.3	17.4	25.0	35.3	43.7	43.7	35.3	25.0	17.4	12.3	8.1	4.1				
30	3.5	4.6	8.8	13.8	22.5	44.7	101.9	168.6	168.6	101.9	44.7	22.5	13.8	8.8	4.6	3.5			
20		4.9	9.3	15.3	29.9	95.0	337.3	726.5	726.5	337.3	95.0	29.9	15.3	9.3	4.9				
10	3.7	5.1	9.5	16.2	36.2	156.6	733.3	3167.8	3167.8	733.3	156.6	36.2	16.2	9.5	5.1	3.7			
0		5.1	9.5	16.2	36.2	156.6	733.3	3167.8	3167.8	733.3	156.6	36.2	16.2	9.5	5.1				
-10	3.5	4.9	9.3	15.3	29.9	95.0	337.3	726.5	726.5	337.3	95.0	29.9	15.3	9.3	4.9	3.5			
-20		4.6	8.8	13.8	22.5	44.7	101.9	168.6	168.6	101.9	44.7	22.5	13.8	8.8	4.6				
-30	2.7	4.1	8.1	12.3	17.4	25.0	35.3	43.7	43.7	35.3	25.0	17.4	12.3	8.1	4.1	2.7			
-40		3.4	6.9	10.6	14.1	17.8	21.0	22.6	22.6	21.0	17.8	14.1	10.6	6.9	3.4				
-50	1.5	2.6	5.3	8.6	11.6	14.1	15.8	16.5	16.5	15.8	14.1	11.6	8.6	5.3	2.6	1.5			
-60		1.7	3.5	5.8	8.2	10.1	11.3	11.8	11.8	11.3	10.1	8.2	5.8	3.5	1.7				
-70	0.4	3.4		8.8		14.3		15.6		14.3		8.8		3.4		0.4			
-80		3.4		8.8		14.3		15.6		14.3		8.8		3.4					
-90	0.4	3.4		8.8		14.3		15.6		14.3		8.8		3.4		0.4			
	-90	-80	-70	-60	-50	-40	-30	-20	-10	0	10	20	30	40	50	60	70	80	90

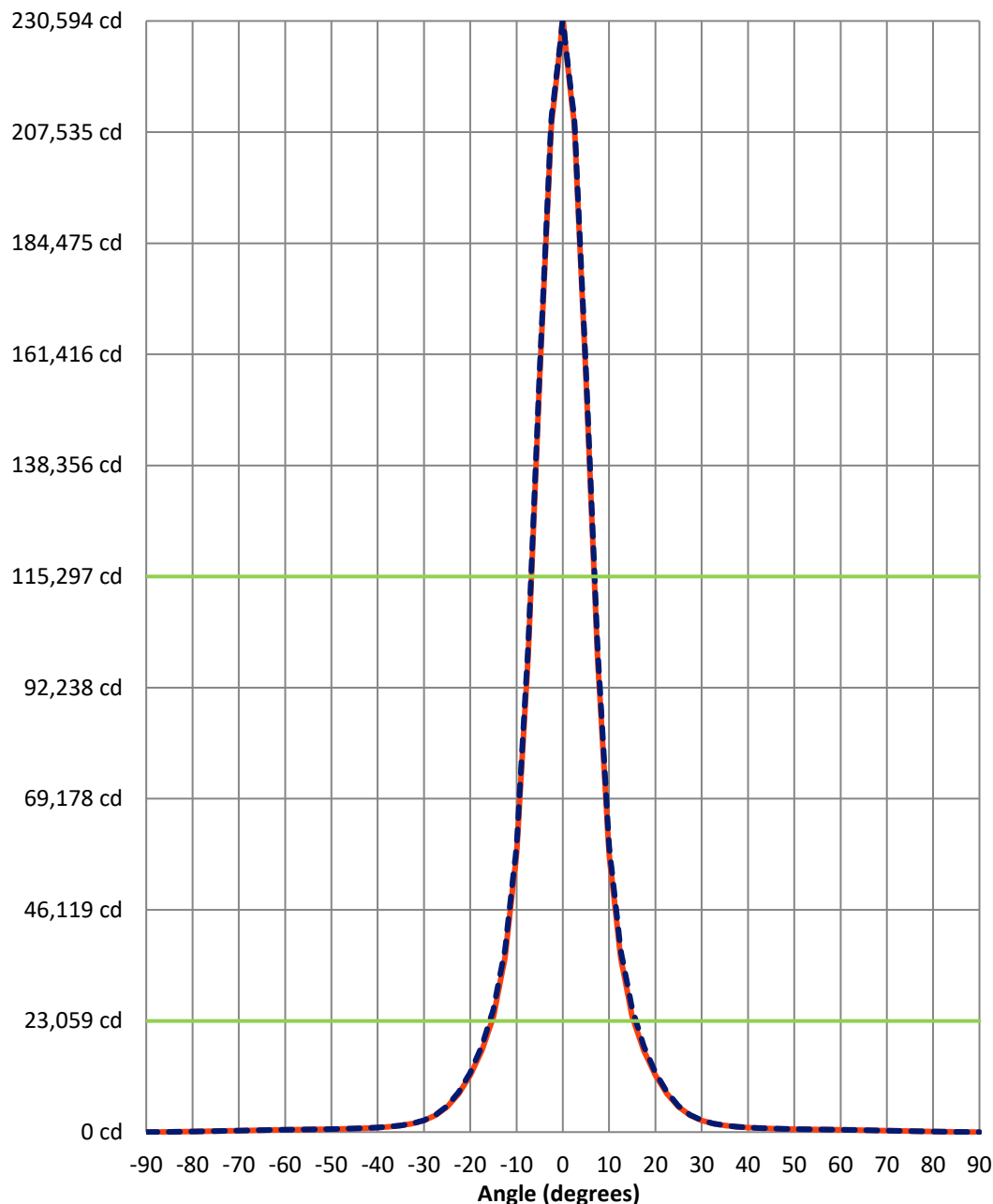
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Luminous Intensity Polar Plot



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Luminous Intensity Plot



Beam:
 H Angle: 13.7°
 V Angle: 13.6°
 Lumens: 7239.3
 Efficiency: 29.6%

Field:
 H Angle: 31.6°
 V Angle: 30.6°
 Lumens: 16291.5
 Efficiency: 66.5%

Spill:
 Lumens: 8194.2
 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	0.8	1.7	2.6	3.4	4.3	5.1	6.0	6.8	7.6	8.4
85°	0.0	1.5	3.4	5.2	6.9	8.6	10.2	11.9	13.5	15.1	16.7
82.5°	0.0	2.3	5.2	7.7	10.3	12.8	15.3	17.8	20.5	24.1	27.6
80°	0.0	3.0	6.8	10.3	13.7	17.1	20.7	25.6	30.5	35.3	40.0
77.5°	0.0	3.7	8.5	12.8	17.1	21.9	28.2	34.4	40.5	46.5	52.8
75°	0.0	4.5	10.1	15.3	20.6	27.8	35.5	43.1	50.5	58.9	67.1
72.5°	0.0	5.2	11.8	17.8	25.1	33.6	42.8	52.0	61.9	71.7	81.2
70°	0.0	5.9	13.3	20.4	29.5	39.4	50.1	61.9	73.2	84.3	96.8
67.5°	0.0	6.5	14.8	23.5	33.8	44.9	58.3	71.7	84.3	98.6	112.6
65°	0.0	7.2	16.3	26.6	38.0	51.0	66.4	81.2	96.8	112.6	129.1
62.5°	0.0	7.9	17.7	29.5	42.1	57.7	74.4	91.6	109.1	126.8	147.6
60°	0.0	8.5	19.1	32.4	46.1	64.1	82.1	102.1	121.1	142.8	165.7
57.5°	0.0	9.1	20.9	35.2	51.1	70.4	90.7	112.4	134.2	158.3	183.1
55°	0.0	9.7	22.6	37.9	56.0	76.6	99.1	122.2	147.3	173.2	199.8
52.5°	0.0	10.2	24.3	40.5	60.7	82.6	107.3	132.8	159.8	187.4	215.9
50°	0.0	10.7	26.0	43.0	65.3	89.2	115.1	143.2	171.9	201.1	231.4
47.5°	0.0	11.2	27.6	45.6	69.7	95.5	122.9	153.2	183.3	214.1	246.5
45°	0.0	11.7	29.2	48.7	73.9	101.6	131.1	162.8	194.3	227.4	261.3
42.5°	0.0	12.2	30.6	51.7	77.9	107.4	139.0	172.0	204.8	240.3	275.7
40°	0.0	12.6	32.1	54.7	82.0	112.9	146.5	180.8	215.2	252.8	289.7
37.5°	0.0	12.9	33.5	57.5	86.2	118.1	153.6	189.1	225.5	264.4	303.2
35°	0.0	13.3	34.8	60.2	90.1	123.5	160.3	196.9	235.1	275.4	316.3
32.5°	0.0	13.6	36.0	62.7	93.8	128.7	166.5	204.3	244.0	285.7	327.6
30°	0.0	13.9	37.2	65.1	97.2	133.5	172.4	211.2	252.1	295.3	337.9
27.5°	0.0	14.2	38.3	67.2	100.5	138.0	177.8	217.8	259.6	304.1	347.2
25°	0.0	14.4	39.3	69.3	103.6	142.1	182.7	223.7	266.7	311.8	355.4
22.5°	0.0	14.6	40.3	71.1	106.4	145.8	187.2	228.9	273.1	318.4	362.5
20°	0.0	14.7	41.1	72.7	109.0	149.0	191.2	233.5	278.7	324.2	368.9
17.5°	0.0	14.8	41.9	74.2	111.2	151.7	194.5	237.5	283.6	329.0	374.6
15°	0.0	14.9	42.6	75.5	113.2	153.9	197.2	241.0	287.8	333.0	379.5
12.5°	0.0	15.0	43.1	76.5	114.8	155.7	199.4	244.2	291.2	336.0	383.6
10°	0.0	15.0	43.6	77.4	116.2	157.0	201.1	246.9	293.9	339.3	387.5
7.5°	0.0	15.0	44.0	78.1	117.2	157.9	202.2	249.1	295.8	342.0	392.1
5°	0.0	15.0	44.3	78.6	118.0	158.4	202.9	250.7	296.8	344.1	395.8
2.5°	0.0	14.9	44.4	78.9	118.4	158.4	203.0	251.7	296.9	345.4	398.5
0°	0.0	14.8	44.5	79.0	118.6	158.1	202.6	252.0	296.4	345.8	400.2
-2.5°	0.0	14.9	44.4	78.9	118.4	158.4	203.0	251.7	296.9	345.4	398.5
-5°	0.0	15.0	44.3	78.6	118.0	158.4	202.9	250.7	296.8	344.1	395.8
-7.5°	0.0	15.0	44.0	78.1	117.2	157.9	202.2	249.1	295.8	342.0	392.1
-10°	0.0	15.0	43.6	77.4	116.2	157.0	201.1	246.9	293.9	339.3	387.5
-12.5°	0.0	15.0	43.1	76.5	114.8	155.7	199.4	244.2	291.2	336.0	383.6
-15°	0.0	14.9	42.6	75.5	113.2	153.9	197.2	241.0	287.8	333.0	379.5
-17.5°	0.0	14.8	41.9	74.2	111.2	151.7	194.5	237.5	283.6	329.0	374.6
-20°	0.0	14.7	41.1	72.7	109.0	149.0	191.2	233.5	278.7	324.2	368.9

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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	14.6	40.3	71.1	106.4	145.8	187.2	228.9	273.1	318.4	362.5
-25°	0.0	14.4	39.3	69.3	103.6	142.1	182.7	223.7	266.7	311.8	355.4
-27.5°	0.0	14.2	38.3	67.2	100.5	138.0	177.8	217.8	259.6	304.1	347.2
-30°	0.0	13.9	37.2	65.1	97.2	133.5	172.4	211.2	252.1	295.3	337.9
-32.5°	0.0	13.6	36.0	62.7	93.8	128.7	166.5	204.3	244.0	285.7	327.6
-35°	0.0	13.3	34.8	60.2	90.1	123.5	160.3	196.9	235.1	275.4	316.3
-37.5°	0.0	12.9	33.5	57.5	86.2	118.1	153.6	189.1	225.5	264.4	303.2
-40°	0.0	12.6	32.1	54.7	82.0	112.9	146.5	180.8	215.2	252.8	289.7
-42.5°	0.0	12.2	30.6	51.7	77.9	107.4	139.0	172.0	204.8	240.3	275.7
-45°	0.0	11.7	29.2	48.7	73.9	101.6	131.1	162.8	194.3	227.4	261.3
-47.5°	0.0	11.2	27.6	45.6	69.7	95.5	122.9	153.2	183.3	214.1	246.5
-50°	0.0	10.7	26.0	43.0	65.3	89.2	115.1	143.2	171.9	201.1	231.4
-52.5°	0.0	10.2	24.3	40.5	60.7	82.6	107.3	132.8	159.8	187.4	215.9
-55°	0.0	9.7	22.6	37.9	56.0	76.6	99.1	122.2	147.3	173.2	199.8
-57.5°	0.0	9.1	20.9	35.2	51.1	70.4	90.7	112.4	134.2	158.3	183.1
-60°	0.0	8.5	19.1	32.4	46.1	64.1	82.1	102.1	121.1	142.8	165.7
-62.5°	0.0	7.9	17.7	29.5	42.1	57.7	74.4	91.6	109.1	126.8	147.6
-65°	0.0	7.2	16.3	26.6	38.0	51.0	66.4	81.2	96.8	112.6	129.1
-67.5°	0.0	6.5	14.8	23.5	33.8	44.9	58.3	71.7	84.3	98.6	112.6
-70°	0.0	5.9	13.3	20.4	29.5	39.4	50.1	61.9	73.2	84.3	96.8
-72.5°	0.0	5.2	11.8	17.8	25.1	33.6	42.8	52.0	61.9	71.7	81.2
-75°	0.0	4.5	10.1	15.3	20.6	27.8	35.5	43.1	50.5	58.9	67.1
-77.5°	0.0	3.7	8.5	12.8	17.1	21.9	28.2	34.4	40.5	46.5	52.8
-80°	0.0	3.0	6.8	10.3	13.7	17.1	20.7	25.6	30.5	35.3	40.0
-82.5°	0.0	2.3	5.2	7.7	10.3	12.8	15.3	17.8	20.5	24.1	27.6
-85°	0.0	1.5	3.4	5.2	6.9	8.6	10.2	11.9	13.5	15.1	16.7
-87.5°	0.0	0.8	1.7	2.6	3.4	4.3	5.1	6.0	6.8	7.6	8.4
-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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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°	9.1	9.9	10.6	11.4	12.1	12.7	13.4	14.0	14.6	15.2	15.7
85°	18.3	19.8	22.0	24.1	26.0	27.5	28.9	30.0	32.1	34.2	36.4
82.5°	31.1	34.5	37.8	41.0	43.2	45.0	46.7	49.3	53.6	57.8	61.6
80°	44.7	49.2	54.3	59.3	63.6	67.9	72.4	77.0	81.8	86.3	90.6
77.5°	59.6	66.2	72.6	78.9	85.1	91.9	98.3	104.6	110.6	116.3	121.7
75°	75.2	83.1	91.8	100.4	108.7	116.8	124.8	133.2	141.3	149.1	156.4
72.5°	91.6	102.1	112.4	122.4	133.3	143.9	154.1	164.0	173.6	183.7	194.3
70°	109.1	121.1	134.5	147.3	159.4	172.1	184.7	195.6	206.0	219.8	234.1
67.5°	127.0	143.3	158.4	172.9	189.0	203.9	216.8	230.6	245.4	261.4	275.5
65°	148.2	165.8	183.4	201.7	220.3	235.8	252.0	269.2	286.0	301.9	317.2
62.5°	169.1	189.0	209.2	229.2	248.3	266.9	286.4	305.6	324.0	342.6	359.0
60°	189.2	211.8	233.1	254.0	275.7	298.8	320.5	341.7	363.8	384.8	395.8
57.5°	208.6	232.8	255.1	278.5	304.0	330.2	352.8	376.9	395.8	410.3	424.6
55°	226.9	252.1	276.5	302.8	330.5	357.7	382.9	404.3	421.7	435.1	450.2
52.5°	244.0	270.6	297.2	325.9	355.3	384.2	410.7	430.7	446.4	460.1	474.3
50°	260.9	288.7	316.8	348.4	379.8	410.6	436.5	454.8	469.7	483.7	498.3
47.5°	277.4	306.6	336.9	370.5	404.6	434.3	458.8	475.6	490.6	507.1	523.0
45°	293.6	325.2	357.3	393.3	427.6	456.2	477.1	494.0	512.4	530.2	547.3
42.5°	309.5	343.5	378.3	415.6	448.8	474.6	494.1	513.9	533.8	552.8	572.1
40°	325.4	361.1	398.0	435.1	468.4	490.8	511.4	532.7	554.7	575.3	596.7
37.5°	340.7	377.7	415.6	453.2	483.5	506.1	527.5	551.1	574.2	596.8	624.6
35°	355.3	392.7	431.0	467.4	496.5	519.9	543.8	568.7	593.0	622.1	653.9
32.5°	368.3	406.2	445.1	478.9	507.5	532.7	559.5	585.5	614.7	647.7	685.7
30°	379.2	418.1	457.1	490.1	518.0	544.7	573.8	602.5	636.6	676.2	721.5
27.5°	388.8	428.7	466.6	499.7	528.0	554.6	585.3	621.4	660.6	705.0	758.2
25°	397.8	439.5	475.6	508.5	536.0	563.8	596.7	636.6	683.7	737.3	802.4
22.5°	406.3	449.8	484.8	516.8	542.3	572.4	609.3	652.8	704.0	766.8	846.0
20°	414.4	457.5	492.1	523.3	547.1	579.8	620.5	666.9	725.1	799.9	891.6
17.5°	421.9	464.1	497.8	527.2	553.2	587.7	630.3	678.4	743.4	830.1	933.4
15°	428.7	469.6	502.4	530.3	558.7	595.9	640.6	692.7	763.7	858.7	970.5
12.5°	434.7	474.1	505.9	532.7	563.2	602.7	649.7	707.5	785.5	887.0	1017.6
10°	439.8	477.5	508.4	534.4	566.5	607.9	657.3	719.6	802.9	908.8	1053.8
7.5°	444.2	480.3	510.1	535.3	568.6	611.5	663.2	728.8	815.0	924.4	1079.9
5°	447.2	482.5	512.2	538.4	571.9	614.4	667.6	735.1	822.2	933.6	1096.1
2.5°	449.0	483.8	513.4	541.3	575.5	616.8	670.8	742.0	827.9	942.6	1108.6
0°	449.6	484.2	513.8	543.5	578.0	617.6	671.9	746.0	830.0	948.6	1116.6
-2.5°	449.0	483.8	513.4	541.3	575.5	616.8	670.8	742.0	827.9	942.6	1108.6
-5°	447.2	482.5	512.2	538.4	571.9	614.4	667.6	735.1	822.2	933.6	1096.1
-7.5°	444.2	480.3	510.1	535.3	568.6	611.5	663.2	728.8	815.0	924.4	1079.9
-10°	439.8	477.5	508.4	534.4	566.5	607.9	657.3	719.6	802.9	908.8	1053.8
-12.5°	434.7	474.1	505.9	532.7	563.2	602.7	649.7	707.5	785.5	887.0	1017.6
-15°	428.7	469.6	502.4	530.3	558.7	595.9	640.6	692.7	763.7	858.7	970.5
-17.5°	421.9	464.1	497.8	527.2	553.2	587.7	630.3	678.4	743.4	830.1	933.4
-20°	414.4	457.5	492.1	523.3	547.1	579.8	620.5	666.9	725.1	799.9	891.6

Classified

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

Scaled Data Report



REPORT NUMBER: P627279 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA3E-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°	406.3	449.8	484.8	516.8	542.3	572.4	609.3	652.8	704.0	766.8	846.0
-25°	397.8	439.5	475.6	508.5	536.0	563.8	596.7	636.6	683.7	737.3	802.4
-27.5°	388.8	428.7	466.6	499.7	528.0	554.6	585.3	621.4	660.6	705.0	758.2
-30°	379.2	418.1	457.1	490.1	518.0	544.7	573.8	602.5	636.6	676.2	721.5
-32.5°	368.3	406.2	445.1	478.9	507.5	532.7	559.5	585.5	614.7	647.7	685.7
-35°	355.3	392.7	431.0	467.4	496.5	519.9	543.8	568.7	593.0	622.1	653.9
-37.5°	340.7	377.7	415.6	453.2	483.5	506.1	527.5	551.1	574.2	596.8	624.6
-40°	325.4	361.1	398.0	435.1	468.4	490.8	511.4	532.7	554.7	575.3	596.7
-42.5°	309.5	343.5	378.3	415.6	448.8	474.6	494.1	513.9	533.8	552.8	572.1
-45°	293.6	325.2	357.3	393.3	427.6	456.2	477.1	494.0	512.4	530.2	547.3
-47.5°	277.4	306.6	336.9	370.5	404.6	434.3	458.8	475.6	490.6	507.1	523.0
-50°	260.9	288.7	316.8	348.4	379.8	410.6	436.5	454.8	469.7	483.7	498.3
-52.5°	244.0	270.6	297.2	325.9	355.3	384.2	410.7	430.7	446.4	460.1	474.3
-55°	226.9	252.1	276.5	302.8	330.5	357.7	382.9	404.3	421.7	435.1	450.2
-57.5°	208.6	232.8	255.1	278.5	304.0	330.2	352.8	376.9	395.8	410.3	424.6
-60°	189.2	211.8	233.1	254.0	275.7	298.8	320.5	341.7	363.8	384.8	395.8
-62.5°	169.1	189.0	209.2	229.2	248.3	266.9	286.4	305.6	324.0	342.6	359.0
-65°	148.2	165.8	183.4	201.7	220.3	235.8	252.0	269.2	286.0	301.9	317.2
-67.5°	127.0	143.3	158.4	172.9	189.0	203.9	216.8	230.6	245.4	261.4	275.5
-70°	109.1	121.1	134.5	147.3	159.4	172.1	184.7	195.6	206.0	219.8	234.1
-72.5°	91.6	102.1	112.4	122.4	133.3	143.9	154.1	164.0	173.6	183.7	194.3
-75°	75.2	83.1	91.8	100.4	108.7	116.8	124.8	133.2	141.3	149.1	156.4
-77.5°	59.6	66.2	72.6	78.9	85.1	91.9	98.3	104.6	110.6	116.3	121.7
-80°	44.7	49.2	54.3	59.3	63.6	67.9	72.4	77.0	81.8	86.3	90.6
-82.5°	31.1	34.5	37.8	41.0	43.2	45.0	46.7	49.3	53.6	57.8	61.6
-85°	18.3	19.8	22.0	24.1	26.0	27.5	28.9	30.0	32.1	34.2	36.4
-87.5°	9.1	9.9	10.6	11.4	12.1	12.7	13.4	14.0	14.6	15.2	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: P627279 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA3E-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°	16.2	16.7	17.1	17.6	17.9	18.3	18.6	18.9	19.1	18.1	17.0
85°	38.6	40.1	41.5	42.7	43.8	44.9	45.8	46.7	47.4	46.8	46.1
82.5°	65.1	67.7	70.0	72.2	74.2	76.1	77.7	79.2	80.4	80.3	80.0
80°	94.7	98.9	103.2	107.4	111.6	114.1	115.9	117.2	118.2	118.6	118.7
77.5°	127.3	133.8	140.7	147.4	154.0	157.8	160.5	162.7	164.5	164.9	164.6
75°	163.4	171.9	181.2	189.3	196.4	200.7	203.7	206.3	208.3	208.9	208.6
72.5°	205.3	215.8	224.1	231.0	237.0	241.7	245.4	248.6	251.2	252.3	252.5
70°	246.6	256.9	264.9	271.9	277.7	282.6	287.1	290.9	294.1	296.5	298.3
67.5°	288.4	300.2	308.4	314.7	319.7	324.8	330.8	336.0	340.4	343.3	344.7
65°	331.4	343.6	351.4	358.3	364.4	370.9	377.6	382.5	385.7	387.7	389.0
62.5°	373.0	384.3	394.2	403.4	412.2	419.5	424.1	428.2	431.8	434.7	436.9
60°	408.6	423.1	434.2	443.0	451.6	460.0	465.6	470.0	473.6	476.1	477.7
57.5°	439.1	453.8	466.9	475.5	484.8	494.8	501.3	505.1	508.5	511.5	512.9
55°	465.7	479.4	491.4	503.1	513.6	522.5	529.4	534.5	538.8	542.2	543.3
52.5°	489.7	504.5	518.7	531.1	541.4	549.9	556.9	563.1	567.9	571.2	572.7
50°	514.9	530.8	546.0	559.5	570.1	579.8	588.4	595.8	602.9	608.5	612.5
47.5°	539.7	556.7	573.4	588.3	601.0	614.9	627.4	638.0	648.3	656.7	662.5
45°	564.7	584.3	602.5	621.7	638.9	657.1	674.1	688.7	703.7	715.0	722.7
42.5°	592.4	614.7	636.6	660.6	684.0	707.8	733.4	756.3	774.0	790.6	804.1
40°	622.1	647.7	676.2	705.6	740.1	771.5	806.0	835.6	862.4	890.7	913.2
37.5°	653.9	685.7	723.2	762.6	807.3	850.2	895.2	939.5	978.1	1023.7	1058.5
35°	688.9	731.4	777.6	830.9	886.5	948.0	1009.6	1080.8	1142.0	1209.4	1268.1
32.5°	730.4	781.1	841.8	912.0	983.5	1076.8	1163.9	1277.2	1375.2	1482.1	1589.8
30°	773.1	839.4	917.7	1006.1	1119.8	1248.1	1391.1	1559.6	1733.3	1901.5	2104.3
27.5°	826.0	906.1	1000.8	1130.1	1297.4	1470.7	1716.5	1969.5	2288.9	2553.1	2925.6
25°	880.9	975.2	1109.8	1285.6	1504.0	1804.8	2177.8	2582.2	3144.2	3637.9	4217.0
22.5°	940.7	1068.0	1235.5	1452.4	1783.6	2245.4	2810.2	3571.4	4400.3	5280.4	6155.8
20°	1003.0	1156.9	1376.6	1691.0	2145.3	2770.8	3740.5	4915.6	6099.8	7551.9	8837.7
17.5°	1075.1	1271.1	1541.8	1935.0	2541.3	3499.4	4844.6	6485.1	8322.3	10410.1	12263.9
15°	1135.2	1368.9	1710.5	2260.7	3094.6	4324.9	6021.4	8278.2	11039.0	13843.0	16687.8
12.5°	1205.0	1475.4	1876.6	2532.6	3579.8	5215.0	7524.2	10380.7	13828.5	17717.8	22302.8
10°	1267.0	1579.9	2078.6	2890.6	4170.4	6143.2	8945.8	12382.3	16831.8	22427.6	29527.8
7.5°	1312.9	1663.0	2234.6	3163.1	4681.0	7035.7	10288.9	14574.3	20228.1	27617.3	37361.7
5°	1342.7	1723.1	2344.9	3373.4	5080.7	7700.0	11273.3	16128.9	22949.8	33400.7	49901.6
2.5°	1360.5	1758.7	2407.8	3496.7	5323.8	8140.0	12022.2	17304.5	24713.7	36974.8	57967.0
0°	1368.5	1768.7	2445.6	3562.1	5404.9	8310.0	12366.1	17840.2	25503.0	37809.8	59385.1
-2.5°	1360.5	1758.7	2407.8	3496.7	5323.8	8140.0	12022.2	17304.5	24713.7	36974.8	57967.0
-5°	1342.7	1723.1	2344.9	3373.4	5080.7	7700.0	11273.3	16128.9	22949.8	33400.7	49901.6
-7.5°	1312.9	1663.0	2234.6	3163.1	4681.0	7035.7	10288.9	14574.3	20228.1	27617.3	37361.7
-10°	1267.0	1579.9	2078.6	2890.6	4170.4	6143.2	8945.8	12382.3	16831.8	22427.6	29527.8
-12.5°	1205.0	1475.4	1876.6	2532.6	3579.8	5215.0	7524.2	10380.7	13828.5	17717.8	22302.8
-15°	1135.2	1368.9	1710.5	2260.7	3094.6	4324.9	6021.4	8278.2	11039.0	13843.0	16687.8
-17.5°	1075.1	1271.1	1541.8	1935.0	2541.3	3499.4	4844.6	6485.1	8322.3	10410.1	12263.9
-20°	1003.0	1156.9	1376.6	1691.0	2145.3	2770.8	3740.5	4915.6	6099.8	7551.9	8837.7

Classified

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

Scaled Data Report



REPORT NUMBER: P627279 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA3E-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°	940.7	1068.0	1235.5	1452.4	1783.6	2245.4	2810.2	3571.4	4400.3	5280.4	6155.8
-25°	880.9	975.2	1109.8	1285.6	1504.0	1804.8	2177.8	2582.2	3144.2	3637.9	4217.0
-27.5°	826.0	906.1	1000.8	1130.1	1297.4	1470.7	1716.5	1969.5	2288.9	2553.1	2925.6
-30°	773.1	839.4	917.7	1006.1	1119.8	1248.1	1391.1	1559.6	1733.3	1901.5	2104.3
-32.5°	730.4	781.1	841.8	912.0	983.5	1076.8	1163.9	1277.2	1375.2	1482.1	1589.8
-35°	688.9	731.4	777.6	830.9	886.5	948.0	1009.6	1080.8	1142.0	1209.4	1268.1
-37.5°	653.9	685.7	723.2	762.6	807.3	850.2	895.2	939.5	978.1	1023.7	1058.5
-40°	622.1	647.7	676.2	705.6	740.1	771.5	806.0	835.6	862.4	890.7	913.2
-42.5°	592.4	614.7	636.6	660.6	684.0	707.8	733.4	756.3	774.0	790.6	804.1
-45°	564.7	584.3	602.5	621.7	638.9	657.1	674.1	688.7	703.7	715.0	722.7
-47.5°	539.7	556.7	573.4	588.3	601.0	614.9	627.4	638.0	648.3	656.7	662.5
-50°	514.9	530.8	546.0	559.5	570.1	579.8	588.4	595.8	602.9	608.5	612.5
-52.5°	489.7	504.5	518.7	531.1	541.4	549.9	556.9	563.1	567.9	571.2	572.7
-55°	465.7	479.4	491.4	503.1	513.6	522.5	529.4	534.5	538.8	542.2	543.3
-57.5°	439.1	453.8	466.9	475.5	484.8	494.8	501.3	505.1	508.5	511.5	512.9
-60°	408.6	423.1	434.2	443.0	451.6	460.0	465.6	470.0	473.6	476.1	477.7
-62.5°	373.0	384.3	394.2	403.4	412.2	419.5	424.1	428.2	431.8	434.7	436.9
-65°	331.4	343.6	351.4	358.3	364.4	370.9	377.6	382.5	385.7	387.7	389.0
-67.5°	288.4	300.2	308.4	314.7	319.7	324.8	330.8	336.0	340.4	343.3	344.7
-70°	246.6	256.9	264.9	271.9	277.7	282.6	287.1	290.9	294.1	296.5	298.3
-72.5°	205.3	215.8	224.1	231.0	237.0	241.7	245.4	248.6	251.2	252.3	252.5
-75°	163.4	171.9	181.2	189.3	196.4	200.7	203.7	206.3	208.3	208.9	208.6
-77.5°	127.3	133.8	140.7	147.4	154.0	157.8	160.5	162.7	164.5	164.9	164.6
-80°	94.7	98.9	103.2	107.4	111.6	114.1	115.9	117.2	118.2	118.6	118.7
-82.5°	65.1	67.7	70.0	72.2	74.2	76.1	77.7	79.2	80.4	80.3	80.0
-85°	38.6	40.1	41.5	42.7	43.8	44.9	45.8	46.7	47.4	46.8	46.1
-87.5°	16.2	16.7	17.1	17.6	17.9	18.3	18.6	18.9	19.1	18.1	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: P627279 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA3E-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°	15.9	14.7	14.8	14.8	14.8	14.7	15.9	17.0	18.1	19.1	18.9
85°	45.2	44.3	44.4	44.5	44.4	44.3	45.2	46.1	46.8	47.4	46.7
82.5°	79.4	78.6	78.9	79.0	78.9	78.6	79.4	80.0	80.3	80.4	79.2
80°	118.5	118.0	116.0	113.6	116.0	118.0	118.5	118.7	118.6	118.2	117.2
77.5°	163.7	162.3	160.4	158.1	160.4	162.3	163.7	164.6	164.9	164.5	162.7
75°	207.9	206.6	207.2	207.5	207.2	206.6	207.9	208.6	208.9	208.3	206.3
72.5°	252.1	251.0	251.7	252.0	251.7	251.0	252.1	252.5	252.3	251.2	248.6
70°	299.4	300.0	298.7	296.4	298.7	300.0	299.4	298.3	296.5	294.1	290.9
67.5°	345.1	344.6	343.2	340.9	343.2	344.6	345.1	344.7	343.3	340.4	336.0
65°	389.5	389.0	389.8	390.3	389.8	389.0	389.5	389.0	387.7	385.7	382.5
62.5°	438.1	438.1	437.0	434.8	437.0	438.1	438.1	436.9	434.7	431.8	428.2
60°	478.3	478.0	476.6	474.3	476.6	478.0	478.3	477.7	476.1	473.6	470.0
57.5°	513.3	512.8	511.3	508.9	511.3	512.8	513.3	512.9	511.5	508.5	505.1
55°	543.5	542.8	541.1	538.5	541.1	542.8	543.5	543.3	542.2	538.8	534.5
52.5°	573.0	572.4	572.6	573.1	572.6	572.4	573.0	572.7	571.2	567.9	563.1
50°	615.0	615.8	615.1	612.6	615.1	615.8	615.0	612.5	608.5	602.9	595.8
47.5°	665.3	665.6	664.4	662.0	664.4	665.6	665.3	662.5	656.7	648.3	638.0
45°	728.6	732.2	733.2	731.2	733.2	732.2	728.6	722.7	715.0	703.7	688.7
42.5°	814.4	820.1	821.7	820.1	821.7	820.1	814.4	804.1	790.6	774.0	756.3
40°	927.0	933.4	934.7	933.8	934.7	933.4	927.0	913.2	890.7	862.4	835.6
37.5°	1082.9	1098.5	1105.8	1106.7	1105.8	1098.5	1082.9	1058.5	1023.7	978.1	939.5
35°	1312.9	1343.9	1360.5	1368.5	1360.5	1343.9	1312.9	1268.1	1209.4	1142.0	1080.8
32.5°	1671.5	1733.6	1768.0	1763.8	1768.0	1733.6	1671.5	1589.8	1482.1	1375.2	1277.2
30°	2257.2	2365.8	2420.5	2406.0	2420.5	2365.8	2257.2	2104.3	1901.5	1733.3	1559.6
27.5°	3193.1	3389.5	3503.0	3488.0	3503.0	3389.5	3193.1	2925.6	2553.1	2288.9	1969.5
25°	4701.1	5059.4	5288.8	5232.0	5288.8	5059.4	4701.1	4217.0	3637.9	3144.2	2582.2
22.5°	6995.0	7602.1	8003.8	7954.2	8003.8	7602.1	6995.0	6155.8	5280.4	4400.3	3571.4
20°	10141.6	11065.6	11725.4	11812.8	11725.4	11065.6	10141.6	8837.7	7551.9	6099.8	4915.6
17.5°	14266.2	15731.3	16751.1	16921.3	16751.1	15731.3	14266.2	12263.9	10410.1	8322.3	6485.1
15°	19626.7	22021.3	23754.3	23897.3	23754.3	22021.3	19626.7	16687.8	13843.0	11039.0	8278.2
12.5°	26905.4	31721.6	34864.8	36248.6	34864.8	31721.6	26905.4	22302.8	17717.8	13828.5	10380.7
10°	36978.8	48041.3	55125.9	57789.3	55125.9	48041.3	36978.8	29527.8	22427.6	16831.8	12382.3
7.5°	53804.5	71172.8	90482.0	98711.7	90482.0	71172.8	53804.5	37361.7	27617.3	20228.1	14574.3
5°	72858.1	108904.6	143191.2	156580.0	143191.2	108904.6	72858.1	49901.6	33400.7	22949.8	16128.9
2.5°	92907.6	143151.1	190233.0	208645.7	190233.0	143151.1	92907.6	57967.0	36974.8	24713.7	17304.5
0°	100737.3	158146.2	209947.5	230594.0	209947.5	158146.2	100737.3	59385.1	37809.8	25503.0	17840.2
-2.5°	92907.6	143151.1	190233.0	208645.7	190233.0	143151.1	92907.6	57967.0	36974.8	24713.7	17304.5
-5°	72858.1	108904.6	143191.2	156580.0	143191.2	108904.6	72858.1	49901.6	33400.7	22949.8	16128.9
-7.5°	53804.5	71172.8	90482.0	98711.7	90482.0	71172.8	53804.5	37361.7	27617.3	20228.1	14574.3
-10°	36978.8	48041.3	55125.9	57789.3	55125.9	48041.3	36978.8	29527.8	22427.6	16831.8	12382.3
-12.5°	26905.4	31721.6	34864.8	36248.6	34864.8	31721.6	26905.4	22302.8	17717.8	13828.5	10380.7
-15°	19626.7	22021.3	23754.3	23897.3	23754.3	22021.3	19626.7	16687.8	13843.0	11039.0	8278.2
-17.5°	14266.2	15731.3	16751.1	16921.3	16751.1	15731.3	14266.2	12263.9	10410.1	8322.3	6485.1
-20°	10141.6	11065.6	11725.4	11812.8	11725.4	11065.6	10141.6	8837.7	7551.9	6099.8	4915.6



REPORT NUMBER: P627279 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA3E-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°	6995.0	7602.1	8003.8	7954.2	8003.8	7602.1	6995.0	6155.8	5280.4	4400.3	3571.4
-25°	4701.1	5059.4	5288.8	5232.0	5288.8	5059.4	4701.1	4217.0	3637.9	3144.2	2582.2
-27.5°	3193.1	3389.5	3503.0	3488.0	3503.0	3389.5	3193.1	2925.6	2553.1	2288.9	1969.5
-30°	2257.2	2365.8	2420.5	2406.0	2420.5	2365.8	2257.2	2104.3	1901.5	1733.3	1559.6
-32.5°	1671.5	1733.6	1768.0	1763.8	1768.0	1733.6	1671.5	1589.8	1482.1	1375.2	1277.2
-35°	1312.9	1343.9	1360.5	1368.5	1360.5	1343.9	1312.9	1268.1	1209.4	1142.0	1080.8
-37.5°	1082.9	1098.5	1105.8	1106.7	1105.8	1098.5	1082.9	1058.5	1023.7	978.1	939.5
-40°	927.0	933.4	934.7	933.8	934.7	933.4	927.0	913.2	890.7	862.4	835.6
-42.5°	814.4	820.1	821.7	820.1	821.7	820.1	814.4	804.1	790.6	774.0	756.3
-45°	728.6	732.2	733.2	731.2	733.2	732.2	728.6	722.7	715.0	703.7	688.7
-47.5°	665.3	665.6	664.4	662.0	664.4	665.6	665.3	662.5	656.7	648.3	638.0
-50°	615.0	615.8	615.1	612.6	615.1	615.8	615.0	612.5	608.5	602.9	595.8
-52.5°	573.0	572.4	572.6	573.1	572.6	572.4	573.0	572.7	571.2	567.9	563.1
-55°	543.5	542.8	541.1	538.5	541.1	542.8	543.5	543.3	542.2	538.8	534.5
-57.5°	513.3	512.8	511.3	508.9	511.3	512.8	513.3	512.9	511.5	508.5	505.1
-60°	478.3	478.0	476.6	474.3	476.6	478.0	478.3	477.7	476.1	473.6	470.0
-62.5°	438.1	438.1	437.0	434.8	437.0	438.1	438.1	436.9	434.7	431.8	428.2
-65°	389.5	389.0	389.8	390.3	389.8	389.0	389.5	389.0	387.7	385.7	382.5
-67.5°	345.1	344.6	343.2	340.9	343.2	344.6	345.1	344.7	343.3	340.4	336.0
-70°	299.4	300.0	298.7	296.4	298.7	300.0	299.4	298.3	296.5	294.1	290.9
-72.5°	252.1	251.0	251.7	252.0	251.7	251.0	252.1	252.5	252.3	251.2	248.6
-75°	207.9	206.6	207.2	207.5	207.2	206.6	207.9	208.6	208.9	208.3	206.3
-77.5°	163.7	162.3	160.4	158.1	160.4	162.3	163.7	164.6	164.9	164.5	162.7
-80°	118.5	118.0	116.0	113.6	116.0	118.0	118.5	118.7	118.6	118.2	117.2
-82.5°	79.4	78.6	78.9	79.0	78.9	78.6	79.4	80.0	80.3	80.4	79.2
-85°	45.2	44.3	44.4	44.5	44.4	44.3	45.2	46.1	46.8	47.4	46.7
-87.5°	15.9	14.7	14.8	14.8	14.8	14.7	15.9	17.0	18.1	19.1	18.9
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



REPORT NUMBER: P627279 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA3E-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°	18.6	18.3	17.9	17.6	17.1	16.7	16.2	15.7	15.2	14.6	14.0
85°	45.8	44.9	43.8	42.7	41.5	40.1	38.6	36.4	34.2	32.1	30.0
82.5°	77.7	76.1	74.2	72.2	70.0	67.7	65.1	61.6	57.8	53.6	49.3
80°	115.9	114.1	111.6	107.4	103.2	98.9	94.7	90.6	86.3	81.8	77.0
77.5°	160.5	157.8	154.0	147.4	140.7	133.8	127.3	121.7	116.3	110.6	104.6
75°	203.7	200.7	196.4	189.3	181.2	171.9	163.4	156.4	149.1	141.3	133.2
72.5°	245.4	241.7	237.0	231.0	224.1	215.8	205.3	194.3	183.7	173.6	164.0
70°	287.1	282.6	277.7	271.9	264.9	256.9	246.6	234.1	219.8	206.0	195.6
67.5°	330.8	324.8	319.7	314.7	308.4	300.2	288.4	275.5	261.4	245.4	230.6
65°	377.6	370.9	364.4	358.3	351.4	343.6	331.4	317.2	301.9	286.0	269.2
62.5°	424.1	419.5	412.2	403.4	394.2	384.3	373.0	359.0	342.6	324.0	305.6
60°	465.6	460.0	451.6	443.0	434.2	423.1	408.6	395.8	384.8	363.8	341.7
57.5°	501.3	494.8	484.8	475.5	466.9	453.8	439.1	424.6	410.3	395.8	376.9
55°	529.4	522.5	513.6	503.1	491.4	479.4	465.7	450.2	435.1	421.7	404.3
52.5°	556.9	549.9	541.4	531.1	518.7	504.5	489.7	474.3	460.1	446.4	430.7
50°	588.4	579.8	570.1	559.5	546.0	530.8	514.9	498.3	483.7	469.7	454.8
47.5°	627.4	614.9	601.0	588.3	573.4	556.7	539.7	523.0	507.1	490.6	475.6
45°	674.1	657.1	638.9	621.7	602.5	584.3	564.7	547.3	530.2	512.4	494.0
42.5°	733.4	707.8	684.0	660.6	636.6	614.7	592.4	572.1	552.8	533.8	513.9
40°	806.0	771.5	740.1	705.6	676.2	647.7	622.1	596.7	575.3	554.7	532.7
37.5°	895.2	850.2	807.3	762.6	723.2	685.7	653.9	624.6	596.8	574.2	551.1
35°	1009.6	948.0	886.5	830.9	777.6	731.4	688.9	653.9	622.1	593.0	568.7
32.5°	1163.9	1076.8	983.5	912.0	841.8	781.1	730.4	685.7	647.7	614.7	585.5
30°	1391.1	1248.1	1119.8	1006.1	917.7	839.4	773.1	721.5	676.2	636.6	602.5
27.5°	1716.5	1470.7	1297.4	1130.1	1000.8	906.1	826.0	758.2	705.0	660.6	621.4
25°	2177.8	1804.8	1504.0	1285.6	1109.8	975.2	880.9	802.4	737.3	683.7	636.6
22.5°	2810.2	2245.4	1783.6	1452.4	1235.5	1068.0	940.7	846.0	766.8	704.0	652.8
20°	3740.5	2770.8	2145.3	1691.0	1376.6	1156.9	1003.0	891.6	799.9	725.1	666.9
17.5°	4844.6	3499.4	2541.3	1935.0	1541.8	1271.1	1075.1	933.4	830.1	743.4	678.4
15°	6021.4	4324.9	3094.6	2260.7	1710.5	1368.9	1135.2	970.5	858.7	763.7	692.7
12.5°	7524.2	5215.0	3579.8	2532.6	1876.6	1475.4	1205.0	1017.6	887.0	785.5	707.5
10°	8945.8	6143.2	4170.4	2890.6	2078.6	1579.9	1267.0	1053.8	908.8	802.9	719.6
7.5°	10288.9	7035.7	4681.0	3163.1	2234.6	1663.0	1312.9	1079.9	924.4	815.0	728.8
5°	11273.3	7700.0	5080.7	3373.4	2344.9	1723.1	1342.7	1096.1	933.6	822.2	735.1
2.5°	12022.2	8140.0	5323.8	3496.7	2407.8	1758.7	1360.5	1108.6	942.6	827.9	742.0
0°	12366.1	8310.0	5404.9	3562.1	2445.6	1768.7	1368.5	1116.6	948.6	830.0	746.0
-2.5°	12022.2	8140.0	5323.8	3496.7	2407.8	1758.7	1360.5	1108.6	942.6	827.9	742.0
-5°	11273.3	7700.0	5080.7	3373.4	2344.9	1723.1	1342.7	1096.1	933.6	822.2	735.1
-7.5°	10288.9	7035.7	4681.0	3163.1	2234.6	1663.0	1312.9	1079.9	924.4	815.0	728.8
-10°	8945.8	6143.2	4170.4	2890.6	2078.6	1579.9	1267.0	1053.8	908.8	802.9	719.6
-12.5°	7524.2	5215.0	3579.8	2532.6	1876.6	1475.4	1205.0	1017.6	887.0	785.5	707.5
-15°	6021.4	4324.9	3094.6	2260.7	1710.5	1368.9	1135.2	970.5	858.7	763.7	692.7
-17.5°	4844.6	3499.4	2541.3	1935.0	1541.8	1271.1	1075.1	933.4	830.1	743.4	678.4
-20°	3740.5	2770.8	2145.3	1691.0	1376.6	1156.9	1003.0	891.6	799.9	725.1	666.9

Classified

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

Scaled Data Report



REPORT NUMBER: P627279 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA3E-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°	2810.2	2245.4	1783.6	1452.4	1235.5	1068.0	940.7	846.0	766.8	704.0	652.8
-25°	2177.8	1804.8	1504.0	1285.6	1109.8	975.2	880.9	802.4	737.3	683.7	636.6
-27.5°	1716.5	1470.7	1297.4	1130.1	1000.8	906.1	826.0	758.2	705.0	660.6	621.4
-30°	1391.1	1248.1	1119.8	1006.1	917.7	839.4	773.1	721.5	676.2	636.6	602.5
-32.5°	1163.9	1076.8	983.5	912.0	841.8	781.1	730.4	685.7	647.7	614.7	585.5
-35°	1009.6	948.0	886.5	830.9	777.6	731.4	688.9	653.9	622.1	593.0	568.7
-37.5°	895.2	850.2	807.3	762.6	723.2	685.7	653.9	624.6	596.8	574.2	551.1
-40°	806.0	771.5	740.1	705.6	676.2	647.7	622.1	596.7	575.3	554.7	532.7
-42.5°	733.4	707.8	684.0	660.6	636.6	614.7	592.4	572.1	552.8	533.8	513.9
-45°	674.1	657.1	638.9	621.7	602.5	584.3	564.7	547.3	530.2	512.4	494.0
-47.5°	627.4	614.9	601.0	588.3	573.4	556.7	539.7	523.0	507.1	490.6	475.6
-50°	588.4	579.8	570.1	559.5	546.0	530.8	514.9	498.3	483.7	469.7	454.8
-52.5°	556.9	549.9	541.4	531.1	518.7	504.5	489.7	474.3	460.1	446.4	430.7
-55°	529.4	522.5	513.6	503.1	491.4	479.4	465.7	450.2	435.1	421.7	404.3
-57.5°	501.3	494.8	484.8	475.5	466.9	453.8	439.1	424.6	410.3	395.8	376.9
-60°	465.6	460.0	451.6	443.0	434.2	423.1	408.6	395.8	384.8	363.8	341.7
-62.5°	424.1	419.5	412.2	403.4	394.2	384.3	373.0	359.0	342.6	324.0	305.6
-65°	377.6	370.9	364.4	358.3	351.4	343.6	331.4	317.2	301.9	286.0	269.2
-67.5°	330.8	324.8	319.7	314.7	308.4	300.2	288.4	275.5	261.4	245.4	230.6
-70°	287.1	282.6	277.7	271.9	264.9	256.9	246.6	234.1	219.8	206.0	195.6
-72.5°	245.4	241.7	237.0	231.0	224.1	215.8	205.3	194.3	183.7	173.6	164.0
-75°	203.7	200.7	196.4	189.3	181.2	171.9	163.4	156.4	149.1	141.3	133.2
-77.5°	160.5	157.8	154.0	147.4	140.7	133.8	127.3	121.7	116.3	110.6	104.6
-80°	115.9	114.1	111.6	107.4	103.2	98.9	94.7	90.6	86.3	81.8	77.0
-82.5°	77.7	76.1	74.2	72.2	70.0	67.7	65.1	61.6	57.8	53.6	49.3
-85°	45.8	44.9	43.8	42.7	41.5	40.1	38.6	36.4	34.2	32.1	30.0
-87.5°	18.6	18.3	17.9	17.6	17.1	16.7	16.2	15.7	15.2	14.6	14.0
-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: P627279 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA3E-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°	13.4	12.7	12.1	11.4	10.6	9.9	9.1	8.4	7.6	6.8	6.0
85°	28.9	27.5	26.0	24.1	22.0	19.8	18.3	16.7	15.1	13.5	11.9
82.5°	46.7	45.0	43.2	41.0	37.8	34.5	31.1	27.6	24.1	20.5	17.8
80°	72.4	67.9	63.6	59.3	54.3	49.2	44.7	40.0	35.3	30.5	25.6
77.5°	98.3	91.9	85.1	78.9	72.6	66.2	59.6	52.8	46.5	40.5	34.4
75°	124.8	116.8	108.7	100.4	91.8	83.1	75.2	67.1	58.9	50.5	43.1
72.5°	154.1	143.9	133.3	122.4	112.4	102.1	91.6	81.2	71.7	61.9	52.0
70°	184.7	172.1	159.4	147.3	134.5	121.1	109.1	96.8	84.3	73.2	61.9
67.5°	216.8	203.9	189.0	172.9	158.4	143.3	127.0	112.6	98.6	84.3	71.7
65°	252.0	235.8	220.3	201.7	183.4	165.8	148.2	129.1	112.6	96.8	81.2
62.5°	286.4	266.9	248.3	229.2	209.2	189.0	169.1	147.6	126.8	109.1	91.6
60°	320.5	298.8	275.7	254.0	233.1	211.8	189.2	165.7	142.8	121.1	102.1
57.5°	352.8	330.2	304.0	278.5	255.1	232.8	208.6	183.1	158.3	134.2	112.4
55°	382.9	357.7	330.5	302.8	276.5	252.1	226.9	199.8	173.2	147.3	122.2
52.5°	410.7	384.2	355.3	325.9	297.2	270.6	244.0	215.9	187.4	159.8	132.8
50°	436.5	410.6	379.8	348.4	316.8	288.7	260.9	231.4	201.1	171.9	143.2
47.5°	458.8	434.3	404.6	370.5	336.9	306.6	277.4	246.5	214.1	183.3	153.2
45°	477.1	456.2	427.6	393.3	357.3	325.2	293.6	261.3	227.4	194.3	162.8
42.5°	494.1	474.6	448.8	415.6	378.3	343.5	309.5	275.7	240.3	204.8	172.0
40°	511.4	490.8	468.4	435.1	398.0	361.1	325.4	289.7	252.8	215.2	180.8
37.5°	527.5	506.1	483.5	453.2	415.6	377.7	340.7	303.2	264.4	225.5	189.1
35°	543.8	519.9	496.5	467.4	431.0	392.7	355.3	316.3	275.4	235.1	196.9
32.5°	559.5	532.7	507.5	478.9	445.1	406.2	368.3	327.6	285.7	244.0	204.3
30°	573.8	544.7	518.0	490.1	457.1	418.1	379.2	337.9	295.3	252.1	211.2
27.5°	585.3	554.6	528.0	499.7	466.6	428.7	388.8	347.2	304.1	259.6	217.8
25°	596.7	563.8	536.0	508.5	475.6	439.5	397.8	355.4	311.8	266.7	223.7
22.5°	609.3	572.4	542.3	516.8	484.8	449.8	406.3	362.5	318.4	273.1	228.9
20°	620.5	579.8	547.1	523.3	492.1	457.5	414.4	368.9	324.2	278.7	233.5
17.5°	630.3	587.7	553.2	527.2	497.8	464.1	421.9	374.6	329.0	283.6	237.5
15°	640.6	595.9	558.7	530.3	502.4	469.6	428.7	379.5	333.0	287.8	241.0
12.5°	649.7	602.7	563.2	532.7	505.9	474.1	434.7	383.6	336.0	291.2	244.2
10°	657.3	607.9	566.5	534.4	508.4	477.5	439.8	387.5	339.3	293.9	246.9
7.5°	663.2	611.5	568.6	535.3	510.1	480.3	444.2	392.1	342.0	295.8	249.1
5°	667.6	614.4	571.9	538.4	512.2	482.5	447.2	395.8	344.1	296.8	250.7
2.5°	670.8	616.8	575.5	541.3	513.4	483.8	449.0	398.5	345.4	296.9	251.7
0°	671.9	617.6	578.0	543.5	513.8	484.2	449.6	400.2	345.8	296.4	252.0
-2.5°	670.8	616.8	575.5	541.3	513.4	483.8	449.0	398.5	345.4	296.9	251.7
-5°	667.6	614.4	571.9	538.4	512.2	482.5	447.2	395.8	344.1	296.8	250.7
-7.5°	663.2	611.5	568.6	535.3	510.1	480.3	444.2	392.1	342.0	295.8	249.1
-10°	657.3	607.9	566.5	534.4	508.4	477.5	439.8	387.5	339.3	293.9	246.9
-12.5°	649.7	602.7	563.2	532.7	505.9	474.1	434.7	383.6	336.0	291.2	244.2
-15°	640.6	595.9	558.7	530.3	502.4	469.6	428.7	379.5	333.0	287.8	241.0
-17.5°	630.3	587.7	553.2	527.2	497.8	464.1	421.9	374.6	329.0	283.6	237.5
-20°	620.5	579.8	547.1	523.3	492.1	457.5	414.4	368.9	324.2	278.7	233.5

Classified

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



REPORT NUMBER: P627279 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA3E-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°	609.3	572.4	542.3	516.8	484.8	449.8	406.3	362.5	318.4	273.1	228.9
-25°	596.7	563.8	536.0	508.5	475.6	439.5	397.8	355.4	311.8	266.7	223.7
-27.5°	585.3	554.6	528.0	499.7	466.6	428.7	388.8	347.2	304.1	259.6	217.8
-30°	573.8	544.7	518.0	490.1	457.1	418.1	379.2	337.9	295.3	252.1	211.2
-32.5°	559.5	532.7	507.5	478.9	445.1	406.2	368.3	327.6	285.7	244.0	204.3
-35°	543.8	519.9	496.5	467.4	431.0	392.7	355.3	316.3	275.4	235.1	196.9
-37.5°	527.5	506.1	483.5	453.2	415.6	377.7	340.7	303.2	264.4	225.5	189.1
-40°	511.4	490.8	468.4	435.1	398.0	361.1	325.4	289.7	252.8	215.2	180.8
-42.5°	494.1	474.6	448.8	415.6	378.3	343.5	309.5	275.7	240.3	204.8	172.0
-45°	477.1	456.2	427.6	393.3	357.3	325.2	293.6	261.3	227.4	194.3	162.8
-47.5°	458.8	434.3	404.6	370.5	336.9	306.6	277.4	246.5	214.1	183.3	153.2
-50°	436.5	410.6	379.8	348.4	316.8	288.7	260.9	231.4	201.1	171.9	143.2
-52.5°	410.7	384.2	355.3	325.9	297.2	270.6	244.0	215.9	187.4	159.8	132.8
-55°	382.9	357.7	330.5	302.8	276.5	252.1	226.9	199.8	173.2	147.3	122.2
-57.5°	352.8	330.2	304.0	278.5	255.1	232.8	208.6	183.1	158.3	134.2	112.4
-60°	320.5	298.8	275.7	254.0	233.1	211.8	189.2	165.7	142.8	121.1	102.1
-62.5°	286.4	266.9	248.3	229.2	209.2	189.0	169.1	147.6	126.8	109.1	91.6
-65°	252.0	235.8	220.3	201.7	183.4	165.8	148.2	129.1	112.6	96.8	81.2
-67.5°	216.8	203.9	189.0	172.9	158.4	143.3	127.0	112.6	98.6	84.3	71.7
-70°	184.7	172.1	159.4	147.3	134.5	121.1	109.1	96.8	84.3	73.2	61.9
-72.5°	154.1	143.9	133.3	122.4	112.4	102.1	91.6	81.2	71.7	61.9	52.0
-75°	124.8	116.8	108.7	100.4	91.8	83.1	75.2	67.1	58.9	50.5	43.1
-77.5°	98.3	91.9	85.1	78.9	72.6	66.2	59.6	52.8	46.5	40.5	34.4
-80°	72.4	67.9	63.6	59.3	54.3	49.2	44.7	40.0	35.3	30.5	25.6
-82.5°	46.7	45.0	43.2	41.0	37.8	34.5	31.1	27.6	24.1	20.5	17.8
-85°	28.9	27.5	26.0	24.1	22.0	19.8	18.3	16.7	15.1	13.5	11.9
-87.5°	13.4	12.7	12.1	11.4	10.6	9.9	9.1	8.4	7.6	6.8	6.0
-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: P627279 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA3E-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°	5.1	4.3	3.4	2.6	1.7	0.8	0.0
85°	10.2	8.6	6.9	5.2	3.4	1.5	0.0
82.5°	15.3	12.8	10.3	7.7	5.2	2.3	0.0
80°	20.7	17.1	13.7	10.3	6.8	3.0	0.0
77.5°	28.2	21.9	17.1	12.8	8.5	3.7	0.0
75°	35.5	27.8	20.6	15.3	10.1	4.5	0.0
72.5°	42.8	33.6	25.1	17.8	11.8	5.2	0.0
70°	50.1	39.4	29.5	20.4	13.3	5.9	0.0
67.5°	58.3	44.9	33.8	23.5	14.8	6.5	0.0
65°	66.4	51.0	38.0	26.6	16.3	7.2	0.0
62.5°	74.4	57.7	42.1	29.5	17.7	7.9	0.0
60°	82.1	64.1	46.1	32.4	19.1	8.5	0.0
57.5°	90.7	70.4	51.1	35.2	20.9	9.1	0.0
55°	99.1	76.6	56.0	37.9	22.6	9.7	0.0
52.5°	107.3	82.6	60.7	40.5	24.3	10.2	0.0
50°	115.1	89.2	65.3	43.0	26.0	10.7	0.0
47.5°	122.9	95.5	69.7	45.6	27.6	11.2	0.0
45°	131.1	101.6	73.9	48.7	29.2	11.7	0.0
42.5°	139.0	107.4	77.9	51.7	30.6	12.2	0.0
40°	146.5	112.9	82.0	54.7	32.1	12.6	0.0
37.5°	153.6	118.1	86.2	57.5	33.5	12.9	0.0
35°	160.3	123.5	90.1	60.2	34.8	13.3	0.0
32.5°	166.5	128.7	93.8	62.7	36.0	13.6	0.0
30°	172.4	133.5	97.2	65.1	37.2	13.9	0.0
27.5°	177.8	138.0	100.5	67.2	38.3	14.2	0.0
25°	182.7	142.1	103.6	69.3	39.3	14.4	0.0
22.5°	187.2	145.8	106.4	71.1	40.3	14.6	0.0
20°	191.2	149.0	109.0	72.7	41.1	14.7	0.0
17.5°	194.5	151.7	111.2	74.2	41.9	14.8	0.0
15°	197.2	153.9	113.2	75.5	42.6	14.9	0.0
12.5°	199.4	155.7	114.8	76.5	43.1	15.0	0.0
10°	201.1	157.0	116.2	77.4	43.6	15.0	0.0
7.5°	202.2	157.9	117.2	78.1	44.0	15.0	0.0
5°	202.9	158.4	118.0	78.6	44.3	15.0	0.0
2.5°	203.0	158.4	118.4	78.9	44.4	14.9	0.0
0°	202.6	158.1	118.6	79.0	44.5	14.8	0.0
-2.5°	203.0	158.4	118.4	78.9	44.4	14.9	0.0
-5°	202.9	158.4	118.0	78.6	44.3	15.0	0.0
-7.5°	202.2	157.9	117.2	78.1	44.0	15.0	0.0
-10°	201.1	157.0	116.2	77.4	43.6	15.0	0.0
-12.5°	199.4	155.7	114.8	76.5	43.1	15.0	0.0
-15°	197.2	153.9	113.2	75.5	42.6	14.9	0.0
-17.5°	194.5	151.7	111.2	74.2	41.9	14.8	0.0
-20°	191.2	149.0	109.0	72.7	41.1	14.7	0.0

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CATALOG NUMBER: GFLD-SA3E-735-U-NR-XX

CANDELA DISTRIBUTION (continued):

	75°	77.5°	80°	82.5°	85°	87.5°	90°
-22.5°	187.2	145.8	106.4	71.1	40.3	14.6	0.0
-25°	182.7	142.1	103.6	69.3	39.3	14.4	0.0
-27.5°	177.8	138.0	100.5	67.2	38.3	14.2	0.0
-30°	172.4	133.5	97.2	65.1	37.2	13.9	0.0
-32.5°	166.5	128.7	93.8	62.7	36.0	13.6	0.0
-35°	160.3	123.5	90.1	60.2	34.8	13.3	0.0
-37.5°	153.6	118.1	86.2	57.5	33.5	12.9	0.0
-40°	146.5	112.9	82.0	54.7	32.1	12.6	0.0
-42.5°	139.0	107.4	77.9	51.7	30.6	12.2	0.0
-45°	131.1	101.6	73.9	48.7	29.2	11.7	0.0
-47.5°	122.9	95.5	69.7	45.6	27.6	11.2	0.0
-50°	115.1	89.2	65.3	43.0	26.0	10.7	0.0
-52.5°	107.3	82.6	60.7	40.5	24.3	10.2	0.0
-55°	99.1	76.6	56.0	37.9	22.6	9.7	0.0
-57.5°	90.7	70.4	51.1	35.2	20.9	9.1	0.0
-60°	82.1	64.1	46.1	32.4	19.1	8.5	0.0
-62.5°	74.4	57.7	42.1	29.5	17.7	7.9	0.0
-65°	66.4	51.0	38.0	26.6	16.3	7.2	0.0
-67.5°	58.3	44.9	33.8	23.5	14.8	6.5	0.0
-70°	50.1	39.4	29.5	20.4	13.3	5.9	0.0
-72.5°	42.8	33.6	25.1	17.8	11.8	5.2	0.0
-75°	35.5	27.8	20.6	15.3	10.1	4.5	0.0
-77.5°	28.2	21.9	17.1	12.8	8.5	3.7	0.0
-80°	20.7	17.1	13.7	10.3	6.8	3.0	0.0
-82.5°	15.3	12.8	10.3	7.7	5.2	2.3	0.0
-85°	10.2	8.6	6.9	5.2	3.4	1.5	0.0
-87.5°	5.1	4.3	3.4	2.6	1.7	0.8	0.0
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0

(END OF REPORT)