

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: P627399 (CONVERTED FROM TYPE C PHOTOMETRY)

Luminaire Tested: **GFLD-SA4C-735-U-NR-XX**

Issue Date: 12/7/2022

Test Information

Test Method: LM-79-08
Report Number: P627399 (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-SA4C-735-U-NR-XX
Description: GALLEON FLOOD, FOUR LIGHT SQAURE, NARROW SYMMETRICAL ROUND N94
Light Source: (64) 3500K CCT, 70 CRI LEDS
Ballast/Driver: -

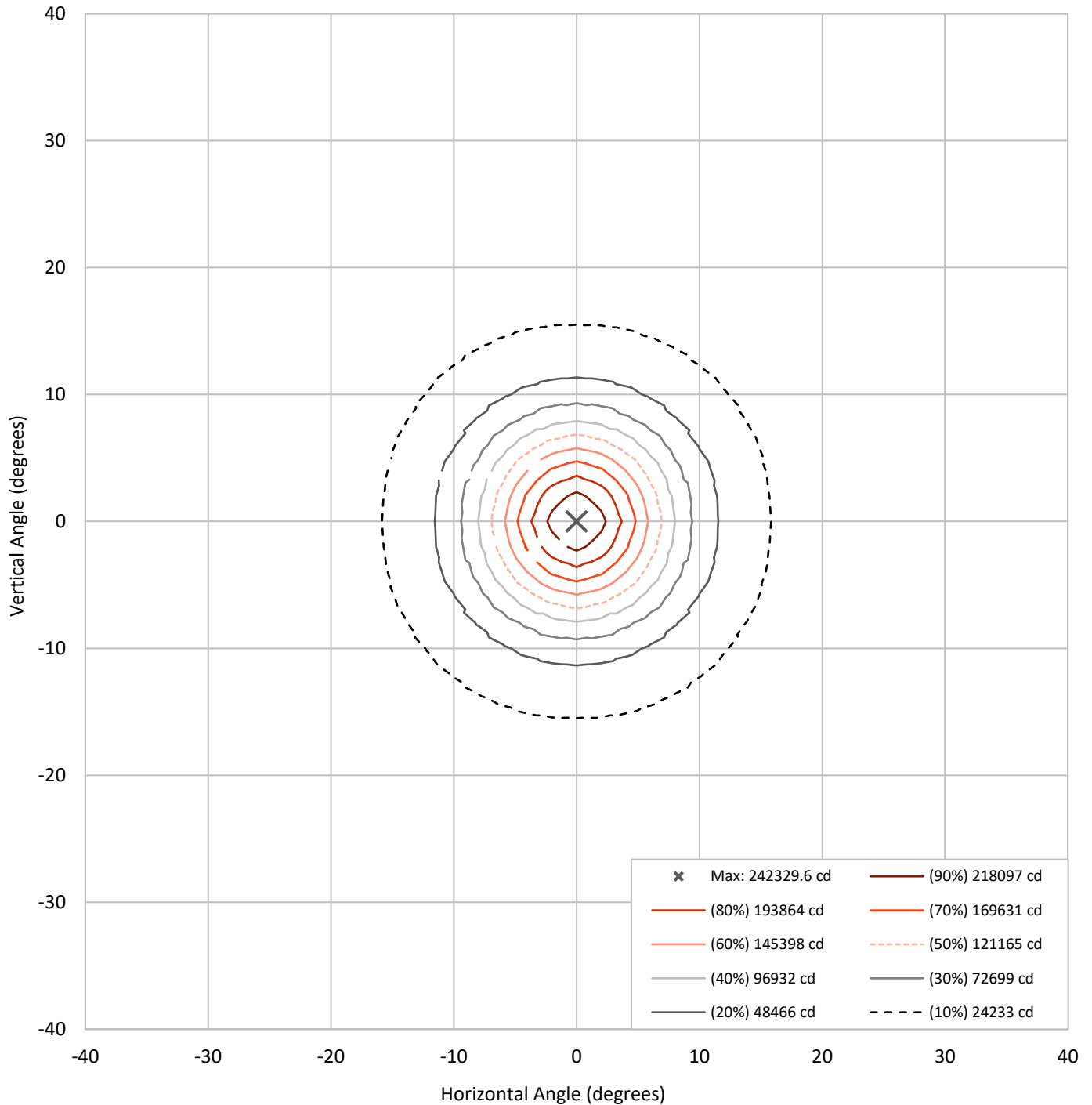
Summary

Lumens per Lamp:	N/A	NEMA Type:	3H x 3V
Luminaire Lumens:	25731.9 lumens	Max Intensity:	242329.6 candela
Efficiency:	N/A	Max Intensity Angle:	0°H x 0°V
Efficacy:	153.0 lumens/watt		
Luminous Opening:	Rectangular (W 1' x L: 1' 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:	7607.8 lumens	Field Lumens:	17120.6 lumens
Beam Efficiency:	29.6%	Field Efficiency:	66.5%
Input Watts (W):	168.2		
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		



REPORT NUMBER: P627399 (CONVERTED FROM TYPE C PHOTOMETRY)
CATALOG NUMBER: GFLD-SA4C-735-U-NR-XX

Iso-Candela Plot





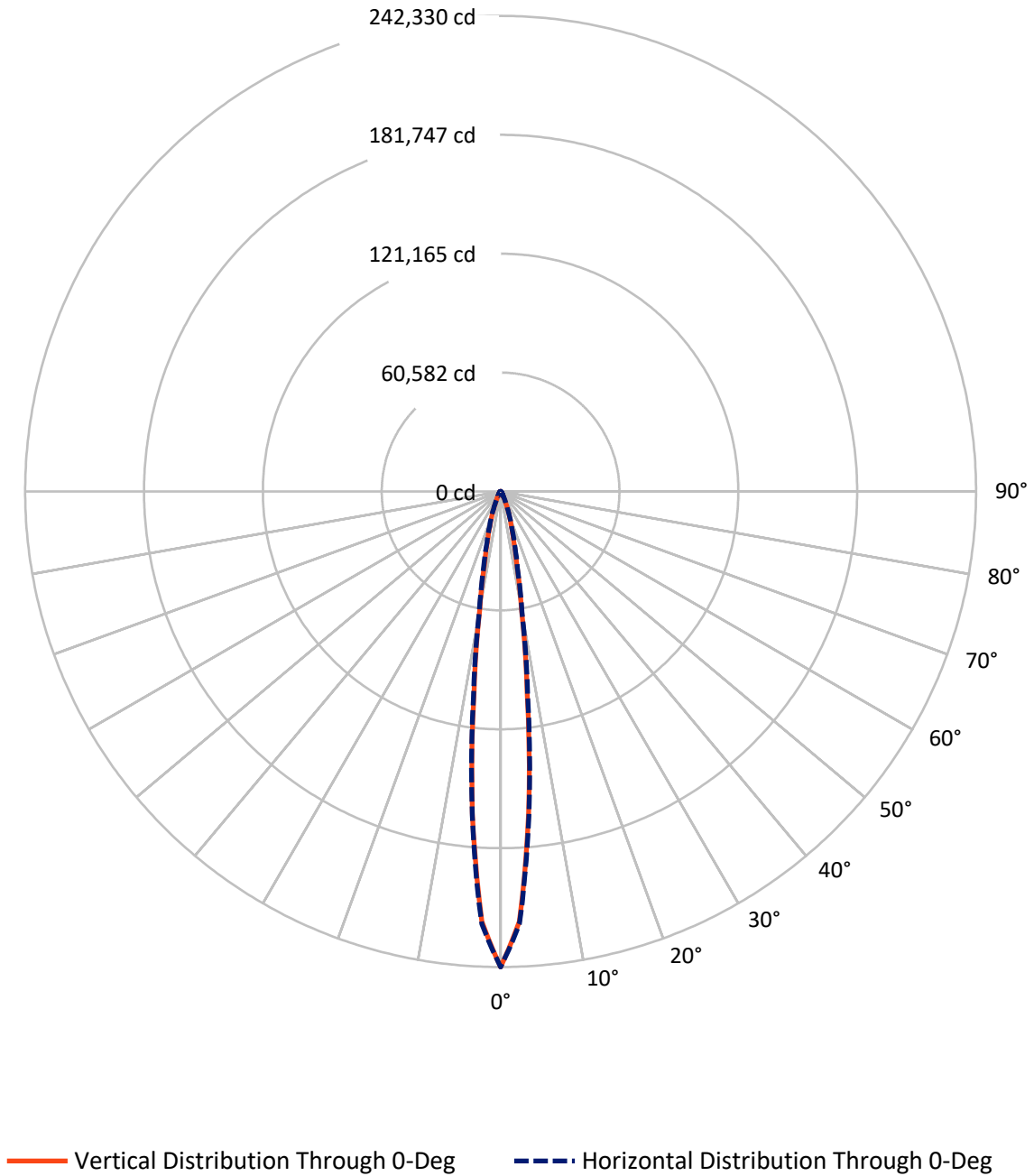
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Lumen Table

90	0.4	3.5		9.3		15.0		16.4		15.0		9.3		3.5		0.4			
80	0.4	3.5		9.3		15.0		16.4		15.0		9.3		3.5		0.4			
70	1.6	1.8	3.7	6.1	8.6	10.6	11.9	12.4	12.4	11.9	10.6	8.6	6.1	3.7	1.8	1.6			
60		2.7	5.6	9.1	12.2	14.8	16.6	17.3	17.3	16.6	14.8	12.2	9.1	5.6	2.7				
50	2.8	3.6	7.2	11.2	14.9	18.7	22.0	23.8	23.8	22.0	18.7	14.9	11.2	7.2	3.6	2.8			
40		4.3	8.5	12.9	18.3	26.3	37.1	45.9	45.9	37.1	26.3	18.3	12.9	8.5	4.3				
30	3.6	4.8	9.3	14.6	23.7	47.0	107.1	177.2	177.2	107.1	47.0	23.7	14.6	9.3	4.8	3.6			
20		5.2	9.8	16.0	31.4	99.8	354.5	763.5	763.5	354.5	99.8	31.4	16.0	9.8	5.2				
10	3.9	5.4	10.0	17.0	38.0	164.5	770.6	3329.0	3329.0	770.6	164.5	38.0	17.0	10.0	5.4	3.9			
0		5.4	10.0	17.0	38.0	164.5	770.6	3329.0	3329.0	770.6	164.5	38.0	17.0	10.0	5.4				
-10	3.6	5.2	9.8	16.0	31.4	99.8	354.5	763.5	763.5	354.5	99.8	31.4	16.0	9.8	5.2	3.6			
-20		4.8	9.3	14.6	23.7	47.0	107.1	177.2	177.2	107.1	47.0	23.7	14.6	9.3	4.8				
-30	2.8	4.3	8.5	12.9	18.3	26.3	37.1	45.9	45.9	37.1	26.3	18.3	12.9	8.5	4.3	2.8			
-40		3.6	7.2	11.2	14.9	18.7	22.0	23.8	23.8	22.0	18.7	14.9	11.2	7.2	3.6				
-50	1.6	2.7	5.6	9.1	12.2	14.8	16.6	17.3	17.3	16.6	14.8	12.2	9.1	5.6	2.7	1.6			
-60		1.8	3.7	6.1	8.6	10.6	11.9	12.4	12.4	11.9	10.6	8.6	6.1	3.7	1.8				
-70	0.4	3.5		9.3		15.0		16.4		15.0		9.3		3.5		0.4			
-80		3.5		9.3		15.0		16.4		15.0		9.3		3.5					
-90	0.4	3.5		9.3		15.0		16.4		15.0		9.3		3.5		0.4			
	-90	-80	-70	-60	-50	-40	-30	-20	-10	0	10	20	30	40	50	60	70	80	90

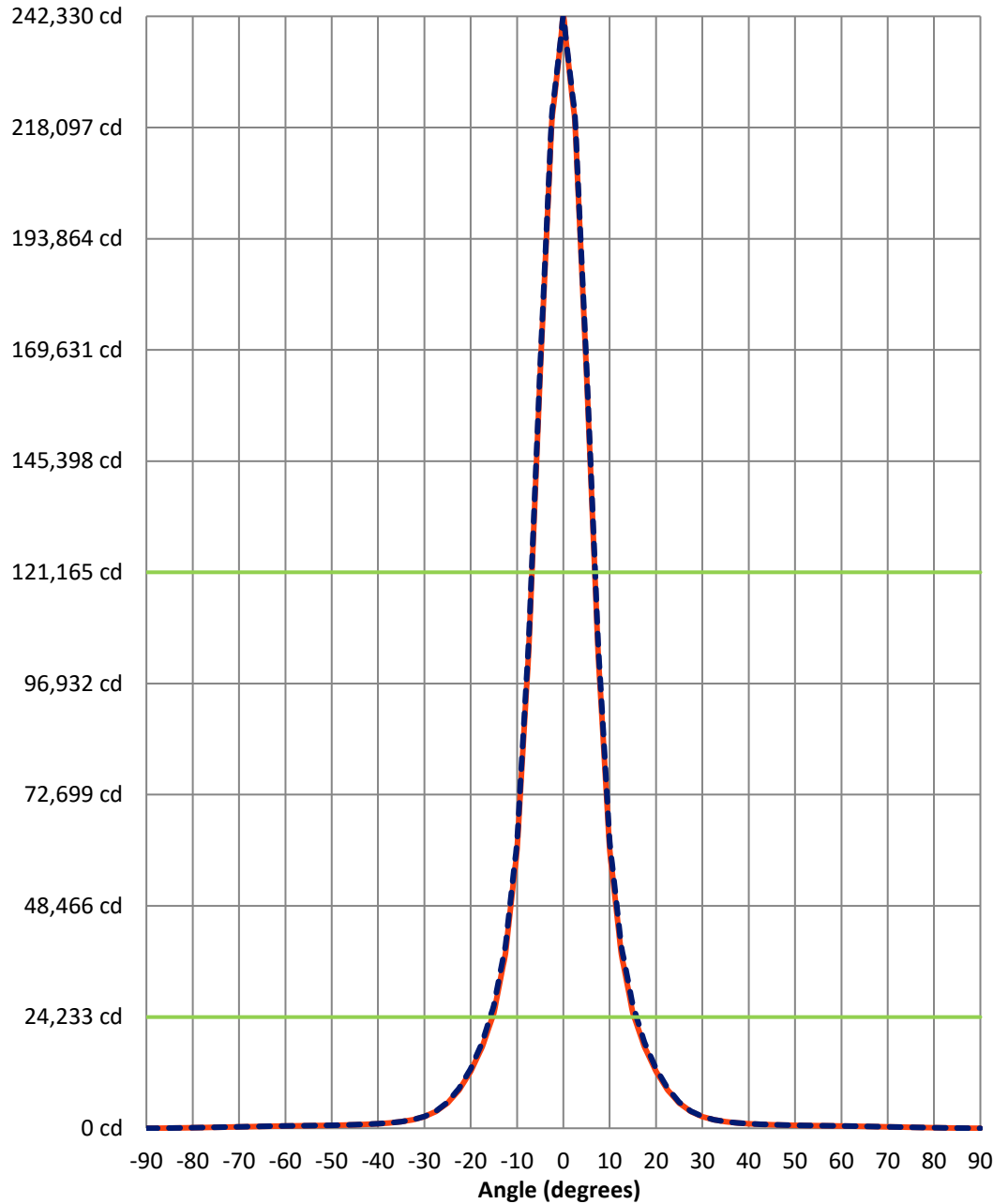
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Luminous Intensity Polar Plot



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Luminous Intensity Plot



Beam:
 H Angle: 13.7°
 V Angle: 13.6°
 Lumens: 7607.8
 Efficiency: 29.6%

Field:
 H Angle: 31.6°
 V Angle: 30.6°
 Lumens: 17120.6
 Efficiency: 66.5%

Spill:
 Lumens: 8611.3
 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	1.8	2.7	3.6	4.5	5.4	6.3	7.1	8.0	8.8
85°	0.0	1.6	3.6	5.4	7.2	9.0	10.8	12.5	14.2	15.9	17.6
82.5°	0.0	2.4	5.4	8.1	10.8	13.5	16.1	18.7	21.5	25.3	29.0
80°	0.0	3.2	7.2	10.8	14.4	17.9	21.7	26.9	32.1	37.1	42.1
77.5°	0.0	3.9	8.9	13.5	17.9	23.0	29.6	36.1	42.5	48.8	55.5
75°	0.0	4.7	10.7	16.1	21.7	29.2	37.3	45.2	53.0	61.9	70.5
72.5°	0.0	5.4	12.4	18.7	26.4	35.3	45.0	54.6	65.1	75.3	85.4
70°	0.0	6.2	14.0	21.4	31.0	41.3	52.6	65.1	76.9	88.6	101.8
67.5°	0.0	6.9	15.6	24.7	35.5	47.2	61.3	75.3	88.6	103.6	118.3
65°	0.0	7.6	17.2	27.9	40.0	53.6	69.8	85.4	101.8	118.3	135.7
62.5°	0.0	8.3	18.6	31.0	44.2	60.6	78.2	96.3	114.6	133.3	155.2
60°	0.0	8.9	20.1	34.1	48.4	67.4	86.4	107.3	127.3	150.1	174.1
57.5°	0.0	9.6	22.0	37.0	53.6	74.0	95.3	118.1	141.1	166.3	192.4
55°	0.0	10.2	23.8	39.8	58.8	80.5	104.2	128.4	154.8	181.9	210.0
52.5°	0.0	10.8	25.6	42.5	63.8	86.9	112.7	139.5	167.9	197.0	226.9
50°	0.0	11.3	27.3	45.1	68.6	93.8	121.0	150.4	180.6	211.4	243.2
47.5°	0.0	11.8	29.0	47.8	73.2	100.4	129.1	161.0	192.6	225.0	259.1
45°	0.0	12.3	30.6	51.2	77.7	106.8	137.8	171.1	204.2	239.0	274.6
42.5°	0.0	12.8	32.2	54.3	81.9	112.9	146.0	180.7	215.3	252.6	289.7
40°	0.0	13.2	33.7	57.5	86.3	118.6	153.9	190.0	226.2	265.7	304.4
37.5°	0.0	13.6	35.1	60.4	90.6	124.1	161.4	198.7	237.1	277.9	318.7
35°	0.0	14.0	36.5	63.3	94.8	129.7	168.4	207.0	247.2	289.5	332.4
32.5°	0.0	14.3	37.8	65.9	98.6	135.2	175.0	214.7	256.5	300.2	344.3
30°	0.0	14.6	39.0	68.4	102.2	140.3	181.1	222.0	265.0	310.3	355.1
27.5°	0.0	14.9	40.2	70.7	105.7	145.0	186.8	228.9	272.9	319.5	364.8
25°	0.0	15.1	41.3	72.8	108.9	149.3	192.0	235.1	280.3	327.6	373.4
22.5°	0.0	15.3	42.3	74.7	111.8	153.2	196.7	240.6	287.0	334.6	380.9
20°	0.0	15.5	43.2	76.5	114.5	156.5	200.9	245.4	292.9	340.7	387.7
17.5°	0.0	15.6	44.0	78.0	116.8	159.4	204.4	249.6	298.0	345.8	393.7
15°	0.0	15.7	44.7	79.4	118.9	161.7	207.2	253.2	302.4	349.9	398.8
12.5°	0.0	15.8	45.3	80.5	120.6	163.6	209.5	256.6	306.0	353.1	403.1
10°	0.0	15.8	45.8	81.4	122.1	165.0	211.3	259.5	308.9	356.5	407.3
7.5°	0.0	15.8	46.2	82.2	123.2	165.9	212.5	261.7	310.8	359.4	412.1
5°	0.0	15.8	46.5	82.7	124.0	166.4	213.2	263.4	311.8	361.6	415.9
2.5°	0.0	15.7	46.6	83.0	124.4	166.5	213.3	264.4	312.1	362.9	418.7
0°	0.0	15.6	46.7	83.1	124.6	166.1	212.9	264.8	311.5	363.4	420.5
-2.5°	0.0	15.7	46.6	83.0	124.4	166.5	213.3	264.4	312.1	362.9	418.7
-5°	0.0	15.8	46.5	82.7	124.0	166.4	213.2	263.4	311.8	361.6	415.9
-7.5°	0.0	15.8	46.2	82.2	123.2	165.9	212.5	261.7	310.8	359.4	412.1
-10°	0.0	15.8	45.8	81.4	122.1	165.0	211.3	259.5	308.9	356.5	407.3
-12.5°	0.0	15.8	45.3	80.5	120.6	163.6	209.5	256.6	306.0	353.1	403.1
-15°	0.0	15.7	44.7	79.4	118.9	161.7	207.2	253.2	302.4	349.9	398.8
-17.5°	0.0	15.6	44.0	78.0	116.8	159.4	204.4	249.6	298.0	345.8	393.7
-20°	0.0	15.5	43.2	76.5	114.5	156.5	200.9	245.4	292.9	340.7	387.7

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REPORT NUMBER: P627399 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA4C-735-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	15.3	42.3	74.7	111.8	153.2	196.7	240.6	287.0	334.6	380.9
-25°	0.0	15.1	41.3	72.8	108.9	149.3	192.0	235.1	280.3	327.6	373.4
-27.5°	0.0	14.9	40.2	70.7	105.7	145.0	186.8	228.9	272.9	319.5	364.8
-30°	0.0	14.6	39.0	68.4	102.2	140.3	181.1	222.0	265.0	310.3	355.1
-32.5°	0.0	14.3	37.8	65.9	98.6	135.2	175.0	214.7	256.5	300.2	344.3
-35°	0.0	14.0	36.5	63.3	94.8	129.7	168.4	207.0	247.2	289.5	332.4
-37.5°	0.0	13.6	35.1	60.4	90.6	124.1	161.4	198.7	237.1	277.9	318.7
-40°	0.0	13.2	33.7	57.5	86.3	118.6	153.9	190.0	226.2	265.7	304.4
-42.5°	0.0	12.8	32.2	54.3	81.9	112.9	146.0	180.7	215.3	252.6	289.7
-45°	0.0	12.3	30.6	51.2	77.7	106.8	137.8	171.1	204.2	239.0	274.6
-47.5°	0.0	11.8	29.0	47.8	73.2	100.4	129.1	161.0	192.6	225.0	259.1
-50°	0.0	11.3	27.3	45.1	68.6	93.8	121.0	150.4	180.6	211.4	243.2
-52.5°	0.0	10.8	25.6	42.5	63.8	86.9	112.7	139.5	167.9	197.0	226.9
-55°	0.0	10.2	23.8	39.8	58.8	80.5	104.2	128.4	154.8	181.9	210.0
-57.5°	0.0	9.6	22.0	37.0	53.6	74.0	95.3	118.1	141.1	166.3	192.4
-60°	0.0	8.9	20.1	34.1	48.4	67.4	86.4	107.3	127.3	150.1	174.1
-62.5°	0.0	8.3	18.6	31.0	44.2	60.6	78.2	96.3	114.6	133.3	155.2
-65°	0.0	7.6	17.2	27.9	40.0	53.6	69.8	85.4	101.8	118.3	135.7
-67.5°	0.0	6.9	15.6	24.7	35.5	47.2	61.3	75.3	88.6	103.6	118.3
-70°	0.0	6.2	14.0	21.4	31.0	41.3	52.6	65.1	76.9	88.6	101.8
-72.5°	0.0	5.4	12.4	18.7	26.4	35.3	45.0	54.6	65.1	75.3	85.4
-75°	0.0	4.7	10.7	16.1	21.7	29.2	37.3	45.2	53.0	61.9	70.5
-77.5°	0.0	3.9	8.9	13.5	17.9	23.0	29.6	36.1	42.5	48.8	55.5
-80°	0.0	3.2	7.2	10.8	14.4	17.9	21.7	26.9	32.1	37.1	42.1
-82.5°	0.0	2.4	5.4	8.1	10.8	13.5	16.1	18.7	21.5	25.3	29.0
-85°	0.0	1.6	3.6	5.4	7.2	9.0	10.8	12.5	14.2	15.9	17.6
-87.5°	0.0	0.8	1.8	2.7	3.6	4.5	5.4	6.3	7.1	8.0	8.8
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

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CANDELA DISTRIBUTION (continued):

	-62.5°	-60°	-57.5°	-55°	-52.5°	-50°	-47.5°	-45°	-42.5°	-40°	-37.5°
-22.5°	427.0	472.7	509.4	543.0	569.9	601.5	640.4	686.0	739.9	805.8	889.0
-25°	418.0	461.8	499.8	534.3	563.3	592.5	627.0	669.0	718.6	774.8	843.2
-27.5°	408.6	450.5	490.4	525.1	554.9	582.8	615.1	653.0	694.2	740.9	796.8
-30°	398.5	439.3	480.3	515.1	544.3	572.4	603.0	633.1	669.0	710.6	758.2
-32.5°	386.9	426.9	467.7	503.3	533.3	559.8	588.0	615.3	646.0	680.6	720.6
-35°	373.3	412.7	452.9	491.1	521.8	546.3	571.5	597.7	623.2	653.8	687.2
-37.5°	358.0	396.8	436.8	476.2	508.1	531.8	554.3	579.1	603.5	627.1	656.4
-40°	341.9	379.4	418.2	457.2	492.2	515.7	537.4	559.8	583.0	604.6	627.1
-42.5°	325.2	361.0	397.5	436.8	471.6	498.7	519.2	540.1	561.0	581.0	601.2
-45°	308.5	341.7	375.5	413.3	449.3	479.4	501.4	519.1	538.5	557.2	575.2
-47.5°	291.5	322.2	354.0	389.3	425.1	456.4	482.2	499.8	515.5	532.9	549.6
-50°	274.2	303.4	332.9	366.0	399.1	431.5	458.7	478.0	493.6	508.3	523.6
-52.5°	256.5	284.3	312.3	342.5	373.3	403.8	431.6	452.6	469.1	483.6	498.4
-55°	238.5	264.9	290.6	318.2	347.3	375.9	402.4	424.9	443.2	457.3	473.2
-57.5°	219.2	244.6	268.1	292.7	319.5	347.0	370.8	396.0	415.9	431.2	446.2
-60°	198.8	222.6	245.0	266.9	289.8	314.1	336.8	359.1	382.3	404.4	415.9
-62.5°	177.7	198.6	219.8	240.8	261.0	280.6	301.1	321.2	340.5	360.0	377.3
-65°	155.7	174.3	192.7	211.9	231.5	247.9	264.9	282.9	300.6	317.3	333.3
-67.5°	133.5	150.5	166.4	181.6	198.6	214.2	227.8	242.4	258.0	274.8	289.6
-70°	114.6	127.3	141.3	154.8	167.5	180.8	194.1	205.6	216.5	231.1	246.0
-72.5°	96.3	107.3	118.1	128.7	140.0	151.2	162.0	172.3	182.4	193.0	204.2
-75°	79.0	87.4	96.5	105.5	114.3	122.8	131.1	140.0	148.5	156.6	164.3
-77.5°	62.6	69.6	76.3	82.9	89.5	96.6	103.4	109.9	116.2	122.2	127.9
-80°	46.9	51.7	57.0	62.3	66.8	71.4	76.1	80.9	86.0	90.7	95.2
-82.5°	32.7	36.2	39.7	43.1	45.4	47.3	49.1	51.7	56.3	60.7	64.8
-85°	19.2	20.8	23.1	25.3	27.3	28.9	30.3	31.5	33.7	35.9	38.2
-87.5°	9.6	10.4	11.2	11.9	12.7	13.4	14.0	14.7	15.3	15.9	16.5
-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):

	-35°	-32.5°	-30°	-27.5°	-25°	-22.5°	-20°	-17.5°	-15°	-12.5°	-10°
-22.5°	988.5	1122.3	1298.4	1526.4	1874.3	2359.6	2953.2	3753.2	4624.3	5549.1	6469.1
-25°	925.7	1024.8	1166.3	1351.0	1580.5	1896.7	2288.7	2713.6	3304.2	3823.0	4431.6
-27.5°	868.0	952.1	1051.8	1187.6	1363.4	1545.5	1803.9	2069.8	2405.4	2683.1	3074.5
-30°	812.4	882.1	964.4	1057.4	1176.8	1311.6	1461.8	1638.9	1821.6	1998.3	2211.4
-32.5°	767.6	820.9	884.6	958.4	1033.6	1131.6	1223.2	1342.2	1445.2	1557.6	1670.7
-35°	724.0	768.7	817.2	873.1	931.6	996.3	1061.0	1135.8	1200.1	1271.0	1332.7
-37.5°	687.2	720.6	760.1	801.4	848.3	893.5	940.8	987.3	1027.9	1075.8	1112.3
-40°	653.8	680.6	710.6	741.6	777.8	810.8	847.0	878.2	906.3	936.0	959.6
-42.5°	622.5	646.0	669.0	694.2	718.8	743.8	770.8	794.9	813.4	830.8	845.0
-45°	593.4	614.0	633.1	653.4	671.5	690.6	708.4	723.7	739.5	751.4	759.5
-47.5°	567.1	585.0	602.6	618.2	631.6	646.2	659.4	670.5	681.4	690.2	696.2
-50°	541.1	557.8	573.8	588.0	599.2	609.3	618.3	626.1	633.6	639.5	643.7
-52.5°	514.6	530.2	545.0	558.1	568.9	577.9	585.2	591.8	596.8	600.3	601.8
-55°	489.4	503.7	516.4	528.7	539.7	549.1	556.4	561.7	566.2	569.8	571.0
-57.5°	461.5	476.9	490.6	499.6	509.5	520.0	526.8	530.8	534.4	537.5	539.0
-60°	429.4	444.6	456.3	465.5	474.6	483.4	489.3	494.0	497.7	500.4	502.0
-62.5°	391.9	403.8	414.2	423.9	433.1	440.8	445.7	450.0	453.7	456.8	459.2
-65°	348.3	361.0	369.3	376.6	382.9	389.7	396.7	401.9	405.3	407.4	408.8
-67.5°	303.2	315.5	324.1	330.7	336.0	341.3	347.6	353.1	357.7	360.8	362.3
-70°	259.2	270.0	278.4	285.7	291.9	297.0	301.7	305.8	309.1	311.6	313.4
-72.5°	215.8	226.7	235.5	242.7	249.0	254.0	257.9	261.3	264.1	265.2	265.4
-75°	171.6	180.6	190.4	198.9	206.4	210.9	214.1	216.7	218.9	219.5	219.2
-77.5°	133.8	140.7	147.8	154.9	161.8	165.8	168.7	171.0	172.9	173.3	172.9
-80°	99.6	104.0	108.5	112.9	117.2	119.9	121.8	123.2	124.2	124.6	124.7
-82.5°	68.4	71.1	73.6	75.9	78.0	79.9	81.7	83.2	84.6	84.5	84.1
-85°	40.6	42.1	43.5	44.9	46.1	47.2	48.1	49.0	49.8	49.1	48.4
-87.5°	17.0	17.5	18.0	18.4	18.9	19.2	19.5	19.8	20.1	19.0	17.9
-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: P627399 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA4C-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°	7351.0	7989.0	8411.2	8359.1	8411.2	7989.0	7351.0	6469.1	5549.1	4624.3	3753.2
-25°	4940.3	5316.9	5558.0	5498.3	5558.0	5316.9	4940.3	4431.6	3823.0	3304.2	2713.6
-27.5°	3355.6	3562.0	3681.2	3665.5	3681.2	3562.0	3355.6	3074.5	2683.1	2405.4	2069.8
-30°	2372.1	2486.2	2543.7	2528.5	2543.7	2486.2	2372.1	2211.4	1998.3	1821.6	1638.9
-32.5°	1756.5	1821.8	1858.0	1853.5	1858.0	1821.8	1756.5	1670.7	1557.6	1445.2	1342.2
-35°	1379.7	1412.3	1429.8	1438.2	1429.8	1412.3	1379.7	1332.7	1271.0	1200.1	1135.8
-37.5°	1138.0	1154.4	1162.1	1163.0	1162.1	1154.4	1138.0	1112.3	1075.8	1027.9	987.3
-40°	974.2	981.0	982.2	981.3	982.2	981.0	974.2	959.6	936.0	906.3	878.2
-42.5°	855.9	861.8	863.5	861.9	863.5	861.8	855.9	845.0	830.8	813.4	794.9
-45°	765.7	769.5	770.5	768.4	770.5	769.5	765.7	759.5	751.4	739.5	723.7
-47.5°	699.1	699.4	698.2	695.7	698.2	699.4	699.1	696.2	690.2	681.4	670.5
-50°	646.3	647.2	646.4	643.8	646.4	647.2	646.3	643.7	639.5	633.6	626.1
-52.5°	602.2	601.6	601.7	602.3	601.7	601.6	602.2	601.8	600.3	596.8	591.8
-55°	571.1	570.3	568.6	565.9	568.6	570.3	571.1	571.0	569.8	566.2	561.7
-57.5°	539.5	538.9	537.4	534.8	537.4	538.9	539.5	539.0	537.5	534.4	530.8
-60°	502.7	502.3	500.9	498.4	500.9	502.3	502.7	502.0	500.4	497.7	494.0
-62.5°	460.4	460.4	459.3	456.9	459.3	460.4	460.4	459.2	456.8	453.7	450.0
-65°	409.3	408.8	409.7	410.2	409.7	408.8	409.3	408.8	407.4	405.3	401.9
-67.5°	362.7	362.1	360.6	358.2	360.6	362.1	362.7	362.3	360.8	357.7	353.1
-70°	314.7	315.2	313.9	311.5	313.9	315.2	314.7	313.4	311.6	309.1	305.8
-72.5°	264.9	263.8	264.5	264.8	264.5	263.8	264.9	265.4	265.2	264.1	261.3
-75°	218.5	217.2	217.8	218.1	217.8	217.2	218.5	219.2	219.5	218.9	216.7
-77.5°	172.0	170.5	168.5	166.1	168.5	170.5	172.0	172.9	173.3	172.9	171.0
-80°	124.5	124.0	121.9	119.4	121.9	124.0	124.5	124.7	124.6	124.2	123.2
-82.5°	83.5	82.7	83.0	83.1	83.0	82.7	83.5	84.1	84.5	84.6	83.2
-85°	47.5	46.5	46.6	46.7	46.6	46.5	47.5	48.4	49.1	49.8	49.0
-87.5°	16.8	15.5	15.6	15.6	15.6	15.5	16.8	17.9	19.0	20.1	19.8
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

Classified

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

Scaled Data Report



REPORT NUMBER: P627399 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA4C-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°	2953.2	2359.6	1874.3	1526.4	1298.4	1122.3	988.5	889.0	805.8	739.9	686.0
-25°	2288.7	1896.7	1580.5	1351.0	1166.3	1024.8	925.7	843.2	774.8	718.6	669.0
-27.5°	1803.9	1545.5	1363.4	1187.6	1051.8	952.1	868.0	796.8	740.9	694.2	653.0
-30°	1461.8	1311.6	1176.8	1057.4	964.4	882.1	812.4	758.2	710.6	669.0	633.1
-32.5°	1223.2	1131.6	1033.6	958.4	884.6	820.9	767.6	720.6	680.6	646.0	615.3
-35°	1061.0	996.3	931.6	873.1	817.2	768.7	724.0	687.2	653.8	623.2	597.7
-37.5°	940.8	893.5	848.3	801.4	760.1	720.6	687.2	656.4	627.1	603.5	579.1
-40°	847.0	810.8	777.8	741.6	710.6	680.6	653.8	627.1	604.6	583.0	559.8
-42.5°	770.8	743.8	718.8	694.2	669.0	646.0	622.5	601.2	581.0	561.0	540.1
-45°	708.4	690.6	671.5	653.4	633.1	614.0	593.4	575.2	557.2	538.5	519.1
-47.5°	659.4	646.2	631.6	618.2	602.6	585.0	567.1	549.6	532.9	515.5	499.8
-50°	618.3	609.3	599.2	588.0	573.8	557.8	541.1	523.6	508.3	493.6	478.0
-52.5°	585.2	577.9	568.9	558.1	545.0	530.2	514.6	498.4	483.6	469.1	452.6
-55°	556.4	549.1	539.7	528.7	516.4	503.7	489.4	473.2	457.3	443.2	424.9
-57.5°	526.8	520.0	509.5	499.6	490.6	476.9	461.5	446.2	431.2	415.9	396.0
-60°	489.3	483.4	474.6	465.5	456.3	444.6	429.4	415.9	404.4	382.3	359.1
-62.5°	445.7	440.8	433.1	423.9	414.2	403.8	391.9	377.3	360.0	340.5	321.2
-65°	396.7	389.7	382.9	376.6	369.3	361.0	348.3	333.3	317.3	300.6	282.9
-67.5°	347.6	341.3	336.0	330.7	324.1	315.5	303.2	289.6	274.8	258.0	242.4
-70°	301.7	297.0	291.9	285.7	278.4	270.0	259.2	246.0	231.1	216.5	205.6
-72.5°	257.9	254.0	249.0	242.7	235.5	226.7	215.8	204.2	193.0	182.4	172.3
-75°	214.1	210.9	206.4	198.9	190.4	180.6	171.6	164.3	156.6	148.5	140.0
-77.5°	168.7	165.8	161.8	154.9	147.8	140.7	133.8	127.9	122.2	116.2	109.9
-80°	121.8	119.9	117.2	112.9	108.5	104.0	99.6	95.2	90.7	86.0	80.9
-82.5°	81.7	79.9	78.0	75.9	73.6	71.1	68.4	64.8	60.7	56.3	51.7
-85°	48.1	47.2	46.1	44.9	43.5	42.1	40.6	38.2	35.9	33.7	31.5
-87.5°	19.5	19.2	18.9	18.4	18.0	17.5	17.0	16.5	15.9	15.3	14.7
-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: P627399 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA4C-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°	14.0	13.4	12.7	11.9	11.2	10.4	9.6	8.8	8.0	7.1	6.3
85°	30.3	28.9	27.3	25.3	23.1	20.8	19.2	17.6	15.9	14.2	12.5
82.5°	49.1	47.3	45.4	43.1	39.7	36.2	32.7	29.0	25.3	21.5	18.7
80°	76.1	71.4	66.8	62.3	57.0	51.7	46.9	42.1	37.1	32.1	26.9
77.5°	103.4	96.6	89.5	82.9	76.3	69.6	62.6	55.5	48.8	42.5	36.1
75°	131.1	122.8	114.3	105.5	96.5	87.4	79.0	70.5	61.9	53.0	45.2
72.5°	162.0	151.2	140.0	128.7	118.1	107.3	96.3	85.4	75.3	65.1	54.6
70°	194.1	180.8	167.5	154.8	141.3	127.3	114.6	101.8	88.6	76.9	65.1
67.5°	227.8	214.2	198.6	181.6	166.4	150.5	133.5	118.3	103.6	88.6	75.3
65°	264.9	247.9	231.5	211.9	192.7	174.3	155.7	135.7	118.3	101.8	85.4
62.5°	301.1	280.6	261.0	240.8	219.8	198.6	177.7	155.2	133.3	114.6	96.3
60°	336.8	314.1	289.8	266.9	245.0	222.6	198.8	174.1	150.1	127.3	107.3
57.5°	370.8	347.0	319.5	292.7	268.1	244.6	219.2	192.4	166.3	141.1	118.1
55°	402.4	375.9	347.3	318.2	290.6	264.9	238.5	210.0	181.9	154.8	128.4
52.5°	431.6	403.8	373.3	342.5	312.3	284.3	256.5	226.9	197.0	167.9	139.5
50°	458.7	431.5	399.1	366.0	332.9	303.4	274.2	243.2	211.4	180.6	150.4
47.5°	482.2	456.4	425.1	389.3	354.0	322.2	291.5	259.1	225.0	192.6	161.0
45°	501.4	479.4	449.3	413.3	375.5	341.7	308.5	274.6	239.0	204.2	171.1
42.5°	519.2	498.7	471.6	436.8	397.5	361.0	325.2	289.7	252.6	215.3	180.7
40°	537.4	515.7	492.2	457.2	418.2	379.4	341.9	304.4	265.7	226.2	190.0
37.5°	554.3	531.8	508.1	476.2	436.8	396.8	358.0	318.7	277.9	237.1	198.7
35°	571.5	546.3	521.8	491.1	452.9	412.7	373.3	332.4	289.5	247.2	207.0
32.5°	588.0	559.8	533.3	503.3	467.7	426.9	386.9	344.3	300.2	256.5	214.7
30°	603.0	572.4	544.3	515.1	480.3	439.3	398.5	355.1	310.3	265.0	222.0
27.5°	615.1	582.8	554.9	525.1	490.4	450.5	408.6	364.8	319.5	272.9	228.9
25°	627.0	592.5	563.3	534.3	499.8	461.8	418.0	373.4	327.6	280.3	235.1
22.5°	640.4	601.5	569.9	543.0	509.4	472.7	427.0	380.9	334.6	287.0	240.6
20°	652.1	609.3	574.9	549.9	517.1	480.8	435.5	387.7	340.7	292.9	245.4
17.5°	662.4	617.6	581.4	554.0	523.1	487.7	443.4	393.7	345.8	298.0	249.6
15°	673.2	626.3	587.2	557.3	528.0	493.5	450.5	398.8	349.9	302.4	253.2
12.5°	682.8	633.4	591.8	559.9	531.7	498.2	456.8	403.1	353.1	306.0	256.6
10°	690.8	638.8	595.3	561.6	534.3	501.8	462.2	407.3	356.5	308.9	259.5
7.5°	697.0	642.6	597.6	562.6	536.1	504.7	466.8	412.1	359.4	310.8	261.7
5°	701.5	645.6	601.1	565.8	538.3	507.0	470.0	415.9	361.6	311.8	263.4
2.5°	705.0	648.2	604.9	568.8	539.6	508.3	471.9	418.7	362.9	312.1	264.4
0°	706.1	649.0	607.5	571.1	540.0	508.8	472.5	420.5	363.4	311.5	264.8
-2.5°	705.0	648.2	604.9	568.8	539.6	508.3	471.9	418.7	362.9	312.1	264.4
-5°	701.5	645.6	601.1	565.8	538.3	507.0	470.0	415.9	361.6	311.8	263.4
-7.5°	697.0	642.6	597.6	562.6	536.1	504.7	466.8	412.1	359.4	310.8	261.7
-10°	690.8	638.8	595.3	561.6	534.3	501.8	462.2	407.3	356.5	308.9	259.5
-12.5°	682.8	633.4	591.8	559.9	531.7	498.2	456.8	403.1	353.1	306.0	256.6
-15°	673.2	626.3	587.2	557.3	528.0	493.5	450.5	398.8	349.9	302.4	253.2
-17.5°	662.4	617.6	581.4	554.0	523.1	487.7	443.4	393.7	345.8	298.0	249.6
-20°	652.1	609.3	574.9	549.9	517.1	480.8	435.5	387.7	340.7	292.9	245.4

Classified

Cooper Lighting Solutions Photometric Lab
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Peachtree City, GA 30269

Scaled Data Report



REPORT NUMBER: P627399 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA4C-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°	640.4	601.5	569.9	543.0	509.4	472.7	427.0	380.9	334.6	287.0	240.6
-25°	627.0	592.5	563.3	534.3	499.8	461.8	418.0	373.4	327.6	280.3	235.1
-27.5°	615.1	582.8	554.9	525.1	490.4	450.5	408.6	364.8	319.5	272.9	228.9
-30°	603.0	572.4	544.3	515.1	480.3	439.3	398.5	355.1	310.3	265.0	222.0
-32.5°	588.0	559.8	533.3	503.3	467.7	426.9	386.9	344.3	300.2	256.5	214.7
-35°	571.5	546.3	521.8	491.1	452.9	412.7	373.3	332.4	289.5	247.2	207.0
-37.5°	554.3	531.8	508.1	476.2	436.8	396.8	358.0	318.7	277.9	237.1	198.7
-40°	537.4	515.7	492.2	457.2	418.2	379.4	341.9	304.4	265.7	226.2	190.0
-42.5°	519.2	498.7	471.6	436.8	397.5	361.0	325.2	289.7	252.6	215.3	180.7
-45°	501.4	479.4	449.3	413.3	375.5	341.7	308.5	274.6	239.0	204.2	171.1
-47.5°	482.2	456.4	425.1	389.3	354.0	322.2	291.5	259.1	225.0	192.6	161.0
-50°	458.7	431.5	399.1	366.0	332.9	303.4	274.2	243.2	211.4	180.6	150.4
-52.5°	431.6	403.8	373.3	342.5	312.3	284.3	256.5	226.9	197.0	167.9	139.5
-55°	402.4	375.9	347.3	318.2	290.6	264.9	238.5	210.0	181.9	154.8	128.4
-57.5°	370.8	347.0	319.5	292.7	268.1	244.6	219.2	192.4	166.3	141.1	118.1
-60°	336.8	314.1	289.8	266.9	245.0	222.6	198.8	174.1	150.1	127.3	107.3
-62.5°	301.1	280.6	261.0	240.8	219.8	198.6	177.7	155.2	133.3	114.6	96.3
-65°	264.9	247.9	231.5	211.9	192.7	174.3	155.7	135.7	118.3	101.8	85.4
-67.5°	227.8	214.2	198.6	181.6	166.4	150.5	133.5	118.3	103.6	88.6	75.3
-70°	194.1	180.8	167.5	154.8	141.3	127.3	114.6	101.8	88.6	76.9	65.1
-72.5°	162.0	151.2	140.0	128.7	118.1	107.3	96.3	85.4	75.3	65.1	54.6
-75°	131.1	122.8	114.3	105.5	96.5	87.4	79.0	70.5	61.9	53.0	45.2
-77.5°	103.4	96.6	89.5	82.9	76.3	69.6	62.6	55.5	48.8	42.5	36.1
-80°	76.1	71.4	66.8	62.3	57.0	51.7	46.9	42.1	37.1	32.1	26.9
-82.5°	49.1	47.3	45.4	43.1	39.7	36.2	32.7	29.0	25.3	21.5	18.7
-85°	30.3	28.9	27.3	25.3	23.1	20.8	19.2	17.6	15.9	14.2	12.5
-87.5°	14.0	13.4	12.7	11.9	11.2	10.4	9.6	8.8	8.0	7.1	6.3
-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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Cooper Lighting Solutions Photometric Lab
1121 Highway 74 South
Peachtree City, GA 30269

Scaled Data Report



REPORT NUMBER: P627399 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA4C-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°	5.4	4.5	3.6	2.7	1.8	0.8	0.0
85°	10.8	9.0	7.2	5.4	3.6	1.6	0.0
82.5°	16.1	13.5	10.8	8.1	5.4	2.4	0.0
80°	21.7	17.9	14.4	10.8	7.2	3.2	0.0
77.5°	29.6	23.0	17.9	13.5	8.9	3.9	0.0
75°	37.3	29.2	21.7	16.1	10.7	4.7	0.0
72.5°	45.0	35.3	26.4	18.7	12.4	5.4	0.0
70°	52.6	41.3	31.0	21.4	14.0	6.2	0.0
67.5°	61.3	47.2	35.5	24.7	15.6	6.9	0.0
65°	69.8	53.6	40.0	27.9	17.2	7.6	0.0
62.5°	78.2	60.6	44.2	31.0	18.6	8.3	0.0
60°	86.4	67.4	48.4	34.1	20.1	8.9	0.0
57.5°	95.3	74.0	53.6	37.0	22.0	9.6	0.0
55°	104.2	80.5	58.8	39.8	23.8	10.2	0.0
52.5°	112.7	86.9	63.8	42.5	25.6	10.8	0.0
50°	121.0	93.8	68.6	45.1	27.3	11.3	0.0
47.5°	129.1	100.4	73.2	47.8	29.0	11.8	0.0
45°	137.8	106.8	77.7	51.2	30.6	12.3	0.0
42.5°	146.0	112.9	81.9	54.3	32.2	12.8	0.0
40°	153.9	118.6	86.3	57.5	33.7	13.2	0.0
37.5°	161.4	124.1	90.6	60.4	35.1	13.6	0.0
35°	168.4	129.7	94.8	63.3	36.5	14.0	0.0
32.5°	175.0	135.2	98.6	65.9	37.8	14.3	0.0
30°	181.1	140.3	102.2	68.4	39.0	14.6	0.0
27.5°	186.8	145.0	105.7	70.7	40.2	14.9	0.0
25°	192.0	149.3	108.9	72.8	41.3	15.1	0.0
22.5°	196.7	153.2	111.8	74.7	42.3	15.3	0.0
20°	200.9	156.5	114.5	76.5	43.2	15.5	0.0
17.5°	204.4	159.4	116.8	78.0	44.0	15.6	0.0
15°	207.2	161.7	118.9	79.4	44.7	15.7	0.0
12.5°	209.5	163.6	120.6	80.5	45.3	15.8	0.0
10°	211.3	165.0	122.1	81.4	45.8	15.8	0.0
7.5°	212.5	165.9	123.2	82.2	46.2	15.8	0.0
5°	213.2	166.4	124.0	82.7	46.5	15.8	0.0
2.5°	213.3	166.5	124.4	83.0	46.6	15.7	0.0
0°	212.9	166.1	124.6	83.1	46.7	15.6	0.0
-2.5°	213.3	166.5	124.4	83.0	46.6	15.7	0.0
-5°	213.2	166.4	124.0	82.7	46.5	15.8	0.0
-7.5°	212.5	165.9	123.2	82.2	46.2	15.8	0.0
-10°	211.3	165.0	122.1	81.4	45.8	15.8	0.0
-12.5°	209.5	163.6	120.6	80.5	45.3	15.8	0.0
-15°	207.2	161.7	118.9	79.4	44.7	15.7	0.0
-17.5°	204.4	159.4	116.8	78.0	44.0	15.6	0.0
-20°	200.9	156.5	114.5	76.5	43.2	15.5	0.0

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CATALOG NUMBER: GFLD-SA4C-735-U-NR-XX

CANDELA DISTRIBUTION (continued):

	75°	77.5°	80°	82.5°	85°	87.5°	90°
-22.5°	196.7	153.2	111.8	74.7	42.3	15.3	0.0
-25°	192.0	149.3	108.9	72.8	41.3	15.1	0.0
-27.5°	186.8	145.0	105.7	70.7	40.2	14.9	0.0
-30°	181.1	140.3	102.2	68.4	39.0	14.6	0.0
-32.5°	175.0	135.2	98.6	65.9	37.8	14.3	0.0
-35°	168.4	129.7	94.8	63.3	36.5	14.0	0.0
-37.5°	161.4	124.1	90.6	60.4	35.1	13.6	0.0
-40°	153.9	118.6	86.3	57.5	33.7	13.2	0.0
-42.5°	146.0	112.9	81.9	54.3	32.2	12.8	0.0
-45°	137.8	106.8	77.7	51.2	30.6	12.3	0.0
-47.5°	129.1	100.4	73.2	47.8	29.0	11.8	0.0
-50°	121.0	93.8	68.6	45.1	27.3	11.3	0.0
-52.5°	112.7	86.9	63.8	42.5	25.6	10.8	0.0
-55°	104.2	80.5	58.8	39.8	23.8	10.2	0.0
-57.5°	95.3	74.0	53.6	37.0	22.0	9.6	0.0
-60°	86.4	67.4	48.4	34.1	20.1	8.9	0.0
-62.5°	78.2	60.6	44.2	31.0	18.6	8.3	0.0
-65°	69.8	53.6	40.0	27.9	17.2	7.6	0.0
-67.5°	61.3	47.2	35.5	24.7	15.6	6.9	0.0
-70°	52.6	41.3	31.0	21.4	14.0	6.2	0.0
-72.5°	45.0	35.3	26.4	18.7	12.4	5.4	0.0
-75°	37.3	29.2	21.7	16.1	10.7	4.7	0.0
-77.5°	29.6	23.0	17.9	13.5	8.9	3.9	0.0
-80°	21.7	17.9	14.4	10.8	7.2	3.2	0.0
-82.5°	16.1	13.5	10.8	8.1	5.4	2.4	0.0
-85°	10.8	9.0	7.2	5.4	3.6	1.6	0.0
-87.5°	5.4	4.5	3.6	2.7	1.8	0.8	0.0
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0

(END OF REPORT)