

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: P627445 (CONVERTED FROM TYPE C PHOTOMETRY)

Luminaire Tested: **GFLD-SA4D-730-U-MR-XX**

Issue Date: 12/7/2022

Test Information

Test Method: LM-79-08
 Report Number: P627445 (CONVERTED FROM TYPE C PHOTOMETRY)
 TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G2-2210-813-13)
 Test Lab: COOPER LIGHTING SOLUTIONS
 Issue Date: 12/7/2022
 Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
 Product Line: MCGRAW-EDISON
 Catalog Number: GFLD-SA4D-730-U-MR-XX
 Description: GALLEON FLOOD, FOUR LIGHT SQAURE, MEDIUM SYMMETRICAL ROUND N92
 Light Source: (64) 3000K CCT, 70 CRI LEDS
 Ballast/Driver: -

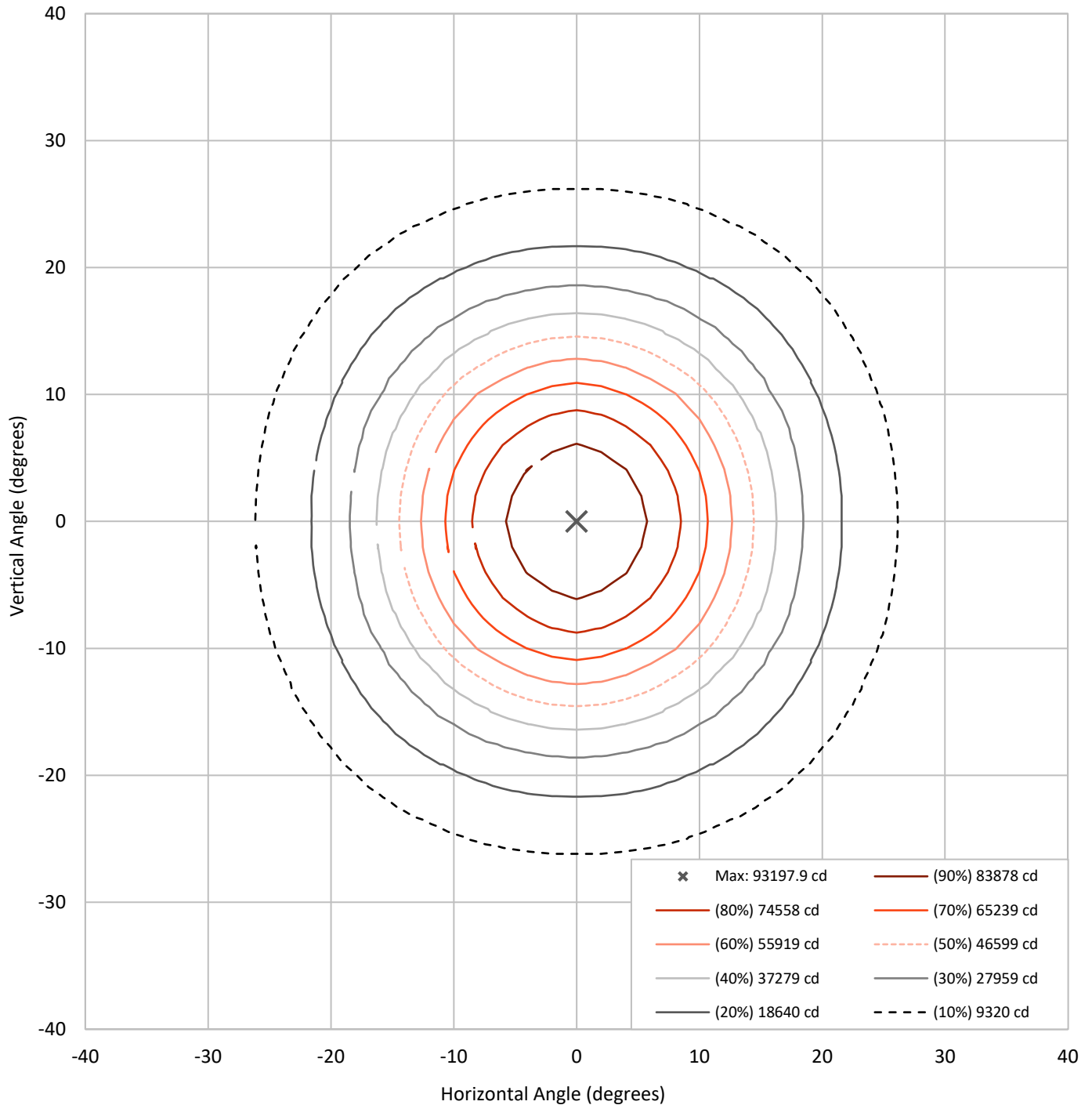
Summary

Lumens per Lamp:	N/A	NEMA Type:	4H x 4V
Luminaire Lumens:	29118.2 lumens	Max Intensity:	93197.9 candela
Efficiency:	N/A	Max Intensity Angle:	0°H x 0°V
Efficacy:	131.5 lumens/watt		
Luminous Opening:	Rectangular (W 1' x L: 1' x H: 0')		
Beam Angle (50%):	28.8°H x 29°V	Field Angle (10%):	52.3°H x 52.3°V
Beam Lumens:	14156.9 lumens	Field Lumens:	23891.1 lumens
Beam Efficiency:	48.6%	Field Efficiency:	82.0%
Input Watts (W):	221.4		
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: P627445 (CONVERTED FROM TYPE C PHOTOMETRY)
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Iso-Candela Plot





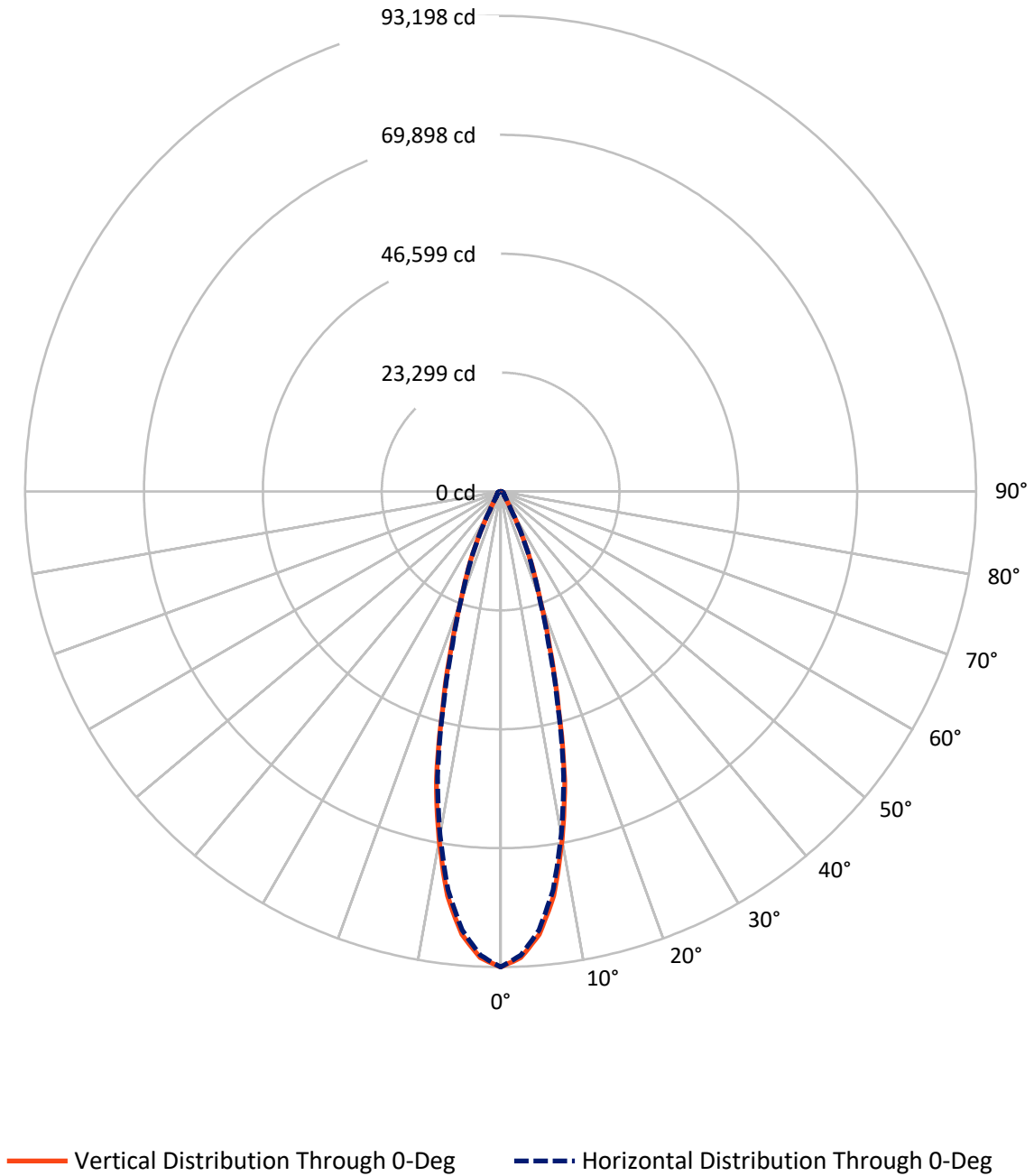
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Lumen Table

90																			
80	0.6	4.8		12.6		20.0		22.2		20.0		12.6		4.8		0.6			
70																			
60	2.2	2.5	5.0	8.2	11.5	14.1	15.7	16.5	16.5	15.7	14.1	11.5	8.2	5.0	2.5	2.2			
50		3.7	7.5	12.1	16.3	20.0	22.5	23.3	23.3	22.5	20.0	16.3	12.1	7.5	3.7				
40	3.8	4.8	9.7	15.0	20.0	25.2	29.6	31.8	31.8	29.6	25.2	20.0	15.0	9.7	4.8	3.8			
30		5.6	11.3	17.3	24.4	34.9	50.5	65.6	65.6	50.5	34.9	24.4	17.3	11.3	5.6				
20	4.9	6.3	12.4	19.5	31.3	68.1	191.7	339.9	339.9	191.7	68.1	31.3	19.5	12.4	6.3	4.9			
10		6.8	13.0	21.2	42.7	178.7	637.0	1220.5	1220.5	637.0	178.7	42.7	21.2	13.0	6.8				
0	5.3	7.0	13.2	22.3	54.2	308.5	1179.0	2319.0	2319.0	1179.0	308.5	54.2	22.3	13.2	7.0	5.3			
-10		7.0	13.2	22.3	54.2	308.5	1179.0	2319.0	2319.0	1179.0	308.5	54.2	22.3	13.2	7.0				
-20	4.9	6.8	13.0	21.2	42.7	178.7	637.0	1220.5	1220.5	637.0	178.7	42.7	21.2	13.0	6.8	4.9			
-30		6.3	12.4	19.5	31.3	68.1	191.7	339.9	339.9	191.7	68.1	31.3	19.5	12.4	6.3				
-40	3.8	5.6	11.3	17.3	24.4	34.9	50.5	65.6	65.6	50.5	34.9	24.4	17.3	11.3	5.6	3.8			
-50		4.8	9.7	15.0	20.0	25.2	29.6	31.8	31.8	29.6	25.2	20.0	15.0	9.7	4.8				
-60	2.2	3.7	7.5	12.1	16.3	20.0	22.5	23.3	23.3	22.5	20.0	16.3	12.1	7.5	3.7	2.2			
-70		2.5	5.0	8.2	11.5	14.1	15.7	16.5	16.5	15.7	14.1	11.5	8.2	5.0	2.5				
-80																			
-90	0.6	4.8		12.6		20.0		22.2		20.0		12.6		4.8		0.6			
	-90	-80	-70	-60	-50	-40	-30	-20	-10	0	10	20	30	40	50	60	70	80	90

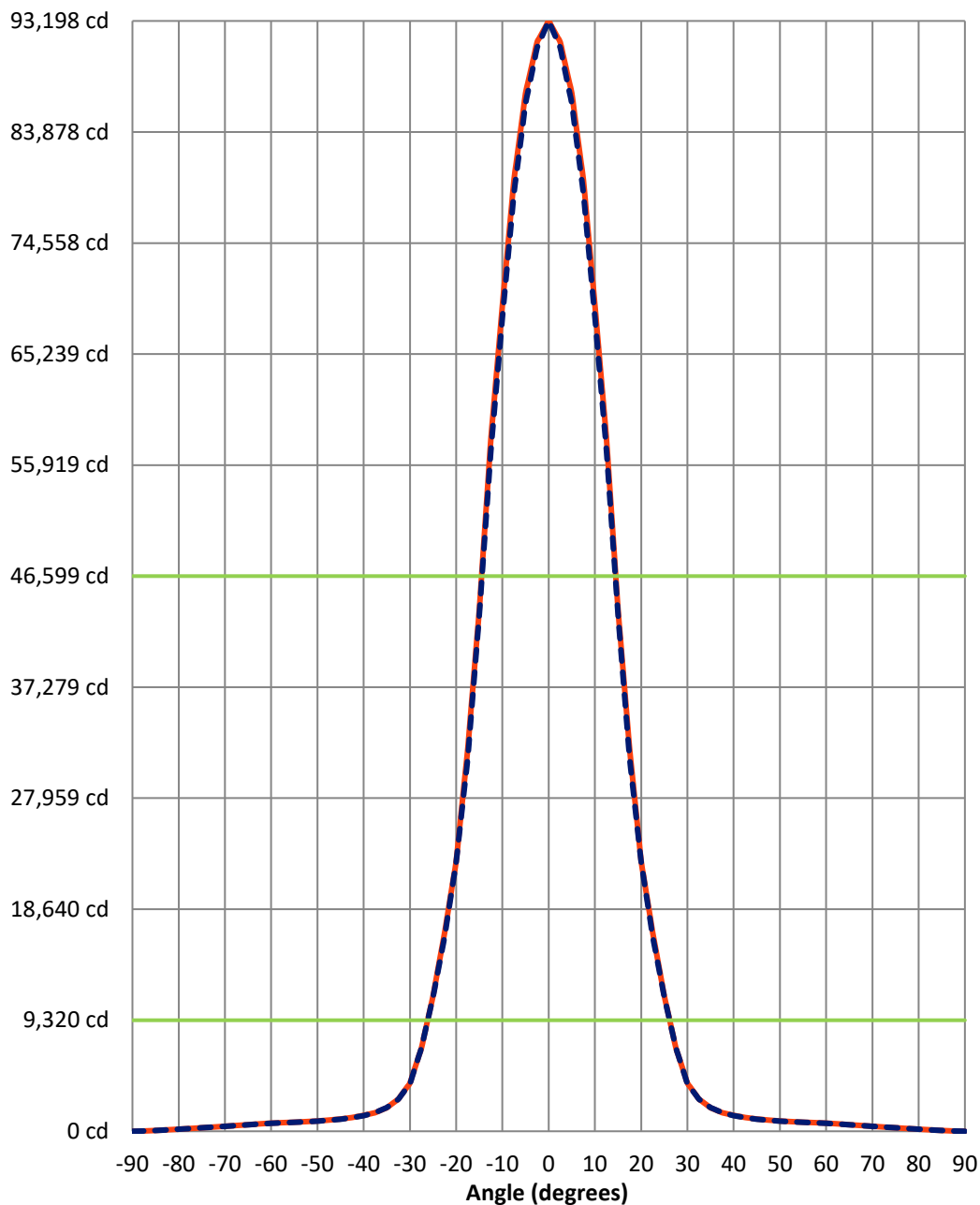
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Luminous Intensity Polar Plot



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Luminous Intensity Plot



Beam:
 H Angle: 28.8°
 V Angle: 29°
 Lumens: 14156.9
 Efficiency: 48.6%

Field:
 H Angle: 52.3°
 V Angle: 52.3°
 Lumens: 23891.1
 Efficiency: 82.0%

Spill:
 Lumens: 5227.2
 Efficiency: 18.0%

— Vertical Distribution through 0-Deg
 - - Horizontal Distribution through 0-Deg

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FIELD
BEAM

CANDELA DISTRIBUTION:

	-90°	-87.5°	-85°	-82.5°	-80°	-77.5°	-75°	-72.5°	-70°	-67.5°	-65°
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
87.5°	0.0	1.0	2.1	3.1	4.1	5.2	6.2	7.2	8.2	9.1	10.1
85°	0.0	2.1	4.2	6.2	8.3	10.3	12.4	14.4	16.3	18.3	20.2
82.5°	0.0	3.1	6.2	9.3	12.4	15.5	18.5	21.5	25.0	30.6	36.6
80°	0.0	4.1	8.3	12.4	16.5	20.6	25.2	32.4	40.1	48.1	56.5
77.5°	0.0	5.2	10.3	15.5	20.6	27.0	35.8	45.2	55.1	65.4	76.8
75°	0.0	6.2	12.4	18.5	25.2	35.8	46.4	57.7	70.1	84.6	98.9
72.5°	0.0	7.2	14.4	21.5	32.2	44.5	56.8	70.9	87.7	104.3	120.7
70°	0.0	8.2	16.3	24.9	39.1	53.2	67.5	86.1	105.1	123.9	144.2
67.5°	0.0	9.1	18.3	30.0	45.9	61.6	80.5	101.1	122.2	145.2	167.9
65°	0.0	10.1	20.2	35.0	52.5	71.1	93.3	115.9	141.0	166.2	191.7
62.5°	0.0	11.0	22.0	39.9	59.1	81.6	105.9	131.5	159.4	187.1	216.2
60°	0.0	11.9	23.9	44.7	65.5	91.9	118.2	147.3	177.3	208.2	240.0
57.5°	0.0	12.8	27.0	49.4	73.4	101.9	131.2	162.6	195.1	228.6	263.5
55°	0.0	13.7	30.0	54.0	81.2	111.7	143.8	177.6	212.4	248.5	286.6
52.5°	0.0	14.5	33.0	58.4	88.8	121.2	156.0	192.0	229.0	268.7	309.1
50°	0.0	15.4	35.8	62.7	96.1	130.9	167.7	206.0	245.3	288.2	329.8
47.5°	0.0	16.1	38.6	67.1	103.2	140.1	178.9	219.5	262.0	307.0	349.4
45°	0.0	16.9	41.2	72.2	110.0	148.9	190.0	232.5	278.1	323.7	368.0
42.5°	0.0	17.6	43.7	77.0	116.5	157.3	200.6	245.4	293.4	339.3	385.0
40°	0.0	18.3	46.2	81.6	122.8	165.2	210.7	258.0	307.4	354.0	401.2
37.5°	0.0	19.0	48.5	85.9	128.7	172.6	220.3	269.8	319.9	368.1	416.4
35°	0.0	19.6	50.6	89.9	134.3	179.9	229.3	280.8	331.6	381.3	430.8
32.5°	0.0	20.2	52.7	93.6	139.6	187.0	237.9	290.9	342.6	393.8	444.7
30°	0.0	20.7	54.5	97.0	144.4	193.5	246.0	300.1	352.8	405.3	457.7
27.5°	0.0	21.2	56.3	100.1	148.7	199.6	253.4	308.3	362.2	416.0	469.6
25°	0.0	21.7	57.9	102.9	152.8	205.1	260.1	315.7	370.8	425.7	480.5
22.5°	0.0	22.1	59.4	105.3	156.5	210.1	266.0	322.4	378.5	434.4	491.4
20°	0.0	22.5	60.7	107.5	159.9	214.5	271.2	328.4	385.3	442.2	501.1
17.5°	0.0	22.8	61.9	109.3	163.0	218.2	276.0	333.5	391.3	448.9	509.6
15°	0.0	23.1	62.9	110.8	165.7	221.3	280.3	338.3	396.3	454.7	516.8
12.5°	0.0	23.3	63.8	112.1	168.0	223.7	284.1	342.8	401.0	459.3	522.7
10°	0.0	23.5	64.5	113.0	170.0	225.6	287.3	346.4	405.2	464.9	528.2
7.5°	0.0	23.7	65.1	113.6	171.5	226.9	289.8	349.3	408.5	469.8	534.2
5°	0.0	23.8	65.5	113.9	172.6	227.6	291.6	351.4	410.9	473.8	538.9
2.5°	0.0	23.9	65.7	113.9	173.3	227.7	292.7	352.6	412.3	476.8	542.3
0°	0.0	23.9	65.8	113.7	173.5	227.3	293.1	353.0	412.8	478.6	544.4
-2.5°	0.0	23.9	65.7	113.9	173.3	227.7	292.7	352.6	412.3	476.8	542.3
-5°	0.0	23.8	65.5	113.9	172.6	227.6	291.6	351.4	410.9	473.8	538.9
-7.5°	0.0	23.7	65.1	113.6	171.5	226.9	289.8	349.3	408.5	469.8	534.2
-10°	0.0	23.5	64.5	113.0	170.0	225.6	287.3	346.4	405.2	464.9	528.2
-12.5°	0.0	23.3	63.8	112.1	168.0	223.7	284.1	342.8	401.0	459.3	522.7
-15°	0.0	23.1	62.9	110.8	165.7	221.3	280.3	338.3	396.3	454.7	516.8
-17.5°	0.0	22.8	61.9	109.3	163.0	218.2	276.0	333.5	391.3	448.9	509.6
-20°	0.0	22.5	60.7	107.5	159.9	214.5	271.2	328.4	385.3	442.2	501.1

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Scaled Data Report



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CATALOG NUMBER: GFLD-SA4D-730-U-MR-XX

CANDELA DISTRIBUTION (continued):

	-90°	-87.5°	-85°	-82.5°	-80°	-77.5°	-75°	-72.5°	-70°	-67.5°	-65°
-22.5°	0.0	22.1	59.4	105.3	156.5	210.1	266.0	322.4	378.5	434.4	491.4
-25°	0.0	21.7	57.9	102.9	152.8	205.1	260.1	315.7	370.8	425.7	480.5
-27.5°	0.0	21.2	56.3	100.1	148.7	199.6	253.4	308.3	362.2	416.0	469.6
-30°	0.0	20.7	54.5	97.0	144.4	193.5	246.0	300.1	352.8	405.3	457.7
-32.5°	0.0	20.2	52.7	93.6	139.6	187.0	237.9	290.9	342.6	393.8	444.7
-35°	0.0	19.6	50.6	89.9	134.3	179.9	229.3	280.8	331.6	381.3	430.8
-37.5°	0.0	19.0	48.5	85.9	128.7	172.6	220.3	269.8	319.9	368.1	416.4
-40°	0.0	18.3	46.2	81.6	122.8	165.2	210.7	258.0	307.4	354.0	401.2
-42.5°	0.0	17.6	43.7	77.0	116.5	157.3	200.6	245.4	293.4	339.3	385.0
-45°	0.0	16.9	41.2	72.2	110.0	148.9	190.0	232.5	278.1	323.7	368.0
-47.5°	0.0	16.1	38.6	67.1	103.2	140.1	178.9	219.5	262.0	307.0	349.4
-50°	0.0	15.4	35.8	62.7	96.1	130.9	167.7	206.0	245.3	288.2	329.8
-52.5°	0.0	14.5	33.0	58.4	88.8	121.2	156.0	192.0	229.0	268.7	309.1
-55°	0.0	13.7	30.0	54.0	81.2	111.7	143.8	177.6	212.4	248.5	286.6
-57.5°	0.0	12.8	27.0	49.4	73.4	101.9	131.2	162.6	195.1	228.6	263.5
-60°	0.0	11.9	23.9	44.7	65.5	91.9	118.2	147.3	177.3	208.2	240.0
-62.5°	0.0	11.0	22.0	39.9	59.1	81.6	105.9	131.5	159.4	187.1	216.2
-65°	0.0	10.1	20.2	35.0	52.5	71.1	93.3	115.9	141.0	166.2	191.7
-67.5°	0.0	9.1	18.3	30.0	45.9	61.6	80.5	101.1	122.2	145.2	167.9
-70°	0.0	8.2	16.3	24.9	39.1	53.2	67.5	86.1	105.1	123.9	144.2
-72.5°	0.0	7.2	14.4	21.5	32.2	44.5	56.8	70.9	87.7	104.3	120.7
-75°	0.0	6.2	12.4	18.5	25.2	35.8	46.4	57.7	70.1	84.6	98.9
-77.5°	0.0	5.2	10.3	15.5	20.6	27.0	35.8	45.2	55.1	65.4	76.8
-80°	0.0	4.1	8.3	12.4	16.5	20.6	25.2	32.4	40.1	48.1	56.5
-82.5°	0.0	3.1	6.2	9.3	12.4	15.5	18.5	21.5	25.0	30.6	36.6
-85°	0.0	2.1	4.2	6.2	8.3	10.3	12.4	14.4	16.3	18.3	20.2
-87.5°	0.0	1.0	2.1	3.1	4.1	5.2	6.2	7.2	8.2	9.1	10.1
-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°	11.0	11.9	12.8	13.7	14.5	15.4	16.1	16.9	17.6	18.3	19.0
85°	22.0	23.9	27.4	30.9	34.3	37.5	40.7	43.7	46.6	49.3	52.0
82.5°	42.2	47.7	53.1	58.3	63.3	68.2	72.9	77.5	81.8	85.9	89.8
80°	64.1	71.4	78.8	85.6	92.2	98.7	105.0	111.1	116.8	123.1	129.6
77.5°	87.3	96.6	105.1	112.9	121.3	131.5	141.4	150.8	159.9	168.6	176.8
75°	111.2	121.8	133.5	145.0	157.1	169.4	181.2	192.7	203.8	215.2	226.6
72.5°	136.3	150.8	164.9	178.6	193.8	208.6	222.3	234.7	248.8	264.3	278.5
70°	163.0	179.7	197.5	215.1	232.2	248.8	265.7	282.7	299.8	316.5	332.5
67.5°	189.8	210.8	231.3	251.3	270.7	290.6	310.6	331.2	351.0	369.9	388.3
65°	218.3	241.8	264.7	287.1	308.8	333.0	356.8	379.7	404.7	428.0	448.1
62.5°	246.1	272.4	297.7	323.0	349.4	376.2	403.7	432.5	462.3	483.8	502.3
60°	272.8	302.4	330.7	359.7	389.1	419.3	451.0	481.6	508.9	532.4	551.9
57.5°	298.8	332.0	363.4	394.9	427.0	461.4	496.2	527.5	552.9	575.6	596.9
55°	324.1	360.9	394.2	427.7	464.3	504.5	540.1	568.5	594.5	613.2	633.7
52.5°	348.1	387.5	422.4	459.9	501.7	543.5	578.9	606.4	628.3	647.7	667.7
50°	371.1	410.7	449.4	492.1	536.2	578.1	614.1	639.4	661.3	681.5	700.7
47.5°	391.9	433.0	476.8	522.4	568.6	610.0	644.5	670.2	692.9	713.7	734.8
45°	411.5	455.8	502.2	552.2	599.6	640.6	671.9	699.6	721.5	744.8	771.3
42.5°	430.3	477.6	528.1	581.3	629.6	667.2	697.5	724.1	749.3	777.4	806.9
40°	448.7	498.0	552.6	608.6	657.8	690.3	720.7	748.9	778.0	809.8	841.9
37.5°	465.9	518.9	575.6	634.0	678.5	712.2	743.7	775.1	807.7	841.9	881.9
35°	481.8	538.0	597.5	654.0	696.7	733.6	767.2	801.3	837.8	879.6	923.7
32.5°	497.2	555.5	617.9	670.9	713.3	752.7	789.8	828.4	870.2	916.2	966.7
30°	512.3	572.6	635.8	688.1	728.2	768.4	812.0	854.9	901.4	952.5	1011.8
27.5°	527.0	588.4	650.7	701.6	741.2	782.1	828.9	881.0	931.8	987.9	1056.5
25°	540.4	604.7	665.5	712.3	752.3	795.3	844.2	899.6	959.3	1026.0	1110.1
22.5°	553.2	619.5	679.5	721.4	761.7	806.8	859.3	917.9	982.9	1060.2	1162.9
20°	565.1	630.9	688.8	729.9	769.4	816.0	872.4	934.2	1008.4	1102.0	1224.8
17.5°	575.5	640.6	695.2	736.7	777.5	825.4	883.6	947.9	1031.3	1138.9	1284.2
15°	584.4	648.5	700.7	742.1	784.4	835.2	895.1	965.1	1056.4	1175.0	1335.6
12.5°	591.7	654.7	705.4	745.9	789.8	842.4	904.9	981.7	1081.5	1214.4	1404.8
10°	597.4	659.2	709.0	748.3	793.5	847.1	912.5	994.7	1101.9	1247.4	1464.1
7.5°	603.0	663.2	711.7	749.3	795.7	849.5	917.9	1003.8	1116.7	1272.1	1511.3
5°	607.1	667.0	713.2	751.5	797.1	850.6	921.5	1009.2	1126.0	1288.4	1544.7
2.5°	609.4	669.2	713.2	753.2	797.2	851.0	925.8	1012.1	1136.4	1302.2	1563.7
0°	610.2	670.0	711.9	753.8	795.6	849.5	927.3	1011.0	1142.6	1310.1	1567.4
-2.5°	609.4	669.2	713.2	753.2	797.2	851.0	925.8	1012.1	1136.4	1302.2	1563.7
-5°	607.1	667.0	713.2	751.5	797.1	850.6	921.5	1009.2	1126.0	1288.4	1544.7
-7.5°	603.0	663.2	711.7	749.3	795.7	849.5	917.9	1003.8	1116.7	1272.1	1511.3
-10°	597.4	659.2	709.0	748.3	793.5	847.1	912.5	994.7	1101.9	1247.4	1464.1
-12.5°	591.7	654.7	705.4	745.9	789.8	842.4	904.9	981.7	1081.5	1214.4	1404.8
-15°	584.4	648.5	700.7	742.1	784.4	835.2	895.1	965.1	1056.4	1175.0	1335.6
-17.5°	575.5	640.6	695.2	736.7	777.5	825.4	883.6	947.9	1031.3	1138.9	1284.2
-20°	565.1	630.9	688.8	729.9	769.4	816.0	872.4	934.2	1008.4	1102.0	1224.8

Classified

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

Scaled Data Report



REPORT NUMBER: P627445 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA4D-730-U-MR-XX

CANDELA DISTRIBUTION (continued):

	-62.5°	-60°	-57.5°	-55°	-52.5°	-50°	-47.5°	-45°	-42.5°	-40°	-37.5°
-22.5°	553.2	619.5	679.5	721.4	761.7	806.8	859.3	917.9	982.9	1060.2	1162.9
-25°	540.4	604.7	665.5	712.3	752.3	795.3	844.2	899.6	959.3	1026.0	1110.1
-27.5°	527.0	588.4	650.7	701.6	741.2	782.1	828.9	881.0	931.8	987.9	1056.5
-30°	512.3	572.6	635.8	688.1	728.2	768.4	812.0	854.9	901.4	952.5	1011.8
-32.5°	497.2	555.5	617.9	670.9	713.3	752.7	789.8	828.4	870.2	916.2	966.7
-35°	481.8	538.0	597.5	654.0	696.7	733.6	767.2	801.3	837.8	879.6	923.7
-37.5°	465.9	518.9	575.6	634.0	678.5	712.2	743.7	775.1	807.7	841.9	881.9
-40°	448.7	498.0	552.6	608.6	657.8	690.3	720.7	748.9	778.0	809.8	841.9
-42.5°	430.3	477.6	528.1	581.3	629.6	667.2	697.5	724.1	749.3	777.4	806.9
-45°	411.5	455.8	502.2	552.2	599.6	640.6	671.9	699.6	721.5	744.8	771.3
-47.5°	391.9	433.0	476.8	522.4	568.6	610.0	644.5	670.2	692.9	713.7	734.8
-50°	371.1	410.7	449.4	492.1	536.2	578.1	614.1	639.4	661.3	681.5	700.7
-52.5°	348.1	387.5	422.4	459.9	501.7	543.5	578.9	606.4	628.3	647.7	667.7
-55°	324.1	360.9	394.2	427.7	464.3	504.5	540.1	568.5	594.5	613.2	633.7
-57.5°	298.8	332.0	363.4	394.9	427.0	461.4	496.2	527.5	552.9	575.6	596.9
-60°	272.8	302.4	330.7	359.7	389.1	419.3	451.0	481.6	508.9	532.4	551.9
-62.5°	246.1	272.4	297.7	323.0	349.4	376.2	403.7	432.5	462.3	483.8	502.3
-65°	218.3	241.8	264.7	287.1	308.8	333.0	356.8	379.7	404.7	428.0	448.1
-67.5°	189.8	210.8	231.3	251.3	270.7	290.6	310.6	331.2	351.0	369.9	388.3
-70°	163.0	179.7	197.5	215.1	232.2	248.8	265.7	282.7	299.8	316.5	332.5
-72.5°	136.3	150.8	164.9	178.6	193.8	208.6	222.3	234.7	248.8	264.3	278.5
-75°	111.2	121.8	133.5	145.0	157.1	169.4	181.2	192.7	203.8	215.2	226.6
-77.5°	87.3	96.6	105.1	112.9	121.3	131.5	141.4	150.8	159.9	168.6	176.8
-80°	64.1	71.4	78.8	85.6	92.2	98.7	105.0	111.1	116.8	123.1	129.6
-82.5°	42.2	47.7	53.1	58.3	63.3	68.2	72.9	77.5	81.8	85.9	89.8
-85°	22.0	23.9	27.4	30.9	34.3	37.5	40.7	43.7	46.6	49.3	52.0
-87.5°	11.0	11.9	12.8	13.7	14.5	15.4	16.1	16.9	17.6	18.3	19.0
-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: P627445 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA4D-730-U-MR-XX

CANDELA DISTRIBUTION (continued):

	-35°	-32.5°	-30°	-27.5°	-25°	-22.5°	-20°	-17.5°	-15°	-12.5°	-10°
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
87.5°	19.6	20.2	20.7	21.2	21.7	22.1	22.5	22.8	23.1	23.3	23.5
85°	54.4	56.8	58.9	61.0	62.8	63.3	63.4	63.3	63.0	63.8	64.5
82.5°	93.6	97.8	102.0	106.2	110.3	111.9	112.9	113.7	114.1	115.8	117.1
80°	135.8	142.5	148.6	154.1	159.0	162.5	165.7	168.6	171.3	172.5	173.1
77.5°	185.1	193.1	200.6	207.6	214.0	219.2	223.3	226.6	229.1	230.8	231.8
75°	238.0	248.2	257.2	265.6	273.4	278.8	282.5	285.3	287.1	289.2	290.7
72.5°	291.4	303.0	313.7	323.9	332.8	339.0	343.4	346.9	349.6	351.6	352.6
70°	347.6	361.4	373.3	383.4	391.4	397.5	402.1	405.9	408.8	410.8	411.9
67.5°	405.8	420.6	431.7	440.5	447.8	454.1	459.9	464.3	467.2	470.0	473.1
65°	465.0	480.1	491.5	500.9	508.5	516.7	524.2	529.8	533.5	536.9	540.4
62.5°	520.7	537.8	551.0	563.3	575.8	587.6	594.4	599.7	603.4	606.7	610.7
60°	571.4	590.7	606.8	621.8	637.1	652.4	658.6	663.6	668.2	672.6	676.6
57.5°	616.3	636.9	656.5	671.3	685.9	700.2	710.0	715.4	719.0	721.0	722.7
55°	655.5	676.0	695.6	712.6	728.4	743.1	754.1	759.4	763.3	765.8	767.4
52.5°	690.6	712.5	733.5	752.3	769.4	785.2	798.9	806.2	812.1	816.3	817.7
50°	725.0	748.8	771.4	791.5	811.4	830.4	847.9	858.0	865.1	869.5	870.9
47.5°	760.9	786.7	811.2	834.6	857.2	879.7	900.4	914.2	924.4	931.9	937.3
45°	798.4	826.1	853.2	880.8	906.8	935.8	962.0	982.1	996.9	1009.8	1020.1
42.5°	836.0	867.2	898.3	933.9	969.4	1002.3	1033.5	1060.1	1084.4	1108.2	1126.8
40°	877.0	911.1	953.7	995.9	1039.6	1077.9	1123.4	1164.2	1201.5	1241.9	1275.3
37.5°	921.8	965.6	1016.1	1066.6	1123.4	1178.6	1242.1	1304.6	1359.0	1429.7	1486.5
35°	970.5	1026.1	1085.6	1153.5	1226.8	1313.2	1402.1	1506.4	1594.9	1707.2	1811.0
32.5°	1024.8	1090.2	1167.5	1260.7	1359.6	1498.4	1628.7	1805.5	1956.6	2151.5	2364.5
30°	1080.1	1164.6	1269.7	1390.0	1557.3	1754.4	1984.2	2283.0	2606.3	2940.8	3391.0
27.5°	1145.6	1255.3	1386.5	1572.4	1822.6	2095.4	2563.5	3068.9	3773.0	4330.3	5323.1
25°	1216.1	1351.9	1545.7	1815.2	2161.0	2713.0	3503.1	4418.0	5826.8	7080.0	8520.1
22.5°	1299.7	1484.1	1740.7	2093.6	2696.3	3646.1	4879.3	6758.1	8846.6	10907.8	12791.9
20°	1388.1	1610.9	1969.7	2544.6	3476.1	4849.4	7049.7	9734.3	12506.9	15331.8	17712.4
17.5°	1491.4	1794.0	2266.6	3030.1	4359.2	6710.4	9649.2	13062.8	16685.1	20289.9	23421.0
15°	1580.2	1954.0	2590.5	3734.0	5715.9	8656.9	12268.9	16580.2	21135.3	25813.4	30883.7
12.5°	1693.4	2146.9	2924.1	4316.0	6919.8	10742.3	15161.9	20167.4	25729.8	31941.2	39845.6
10°	1797.4	2349.1	3363.0	5248.5	8366.8	12690.3	17660.8	23339.7	30554.7	39888.8	49423.4
7.5°	1880.6	2509.5	3703.4	5976.2	9580.4	14354.5	19910.9	26719.5	35720.8	46835.7	57729.6
5°	1938.5	2620.7	3946.9	6526.0	10556.5	15626.3	21507.7	29211.1	40075.3	52522.0	63645.5
2.5°	1974.9	2681.5	4066.1	6852.5	11193.2	16391.7	22503.9	30794.5	42744.2	56141.8	67403.9
0°	1992.1	2692.0	3990.2	7011.2	11282.6	16337.6	22595.1	31323.2	43377.5	57124.8	68341.5
-2.5°	1974.9	2681.5	4066.1	6852.5	11193.2	16391.7	22503.9	30794.5	42744.2	56141.8	67403.9
-5°	1938.5	2620.7	3946.9	6526.0	10556.5	15626.3	21507.7	29211.1	40075.3	52522.0	63645.5
-7.5°	1880.6	2509.5	3703.4	5976.2	9580.4	14354.5	19910.9	26719.5	35720.8	46835.7	57729.6
-10°	1797.4	2349.1	3363.0	5248.5	8366.8	12690.3	17660.8	23339.7	30554.7	39888.8	49423.4
-12.5°	1693.4	2146.9	2924.1	4316.0	6919.8	10742.3	15161.9	20167.4	25729.8	31941.2	39845.6
-15°	1580.2	1954.0	2590.5	3734.0	5715.9	8656.9	12268.9	16580.2	21135.3	25813.4	30883.7
-17.5°	1491.4	1794.0	2266.6	3030.1	4359.2	6710.4	9649.2	13062.8	16685.1	20289.9	23421.0
-20°	1388.1	1610.9	1969.7	2544.6	3476.1	4849.4	7049.7	9734.3	12506.9	15331.8	17712.4

Classified

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

Scaled Data Report



REPORT NUMBER: P627445 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA4D-730-U-MR-XX

CANDELA DISTRIBUTION (continued):

	-35°	-32.5°	-30°	-27.5°	-25°	-22.5°	-20°	-17.5°	-15°	-12.5°	-10°
-22.5°	1299.7	1484.1	1740.7	2093.6	2696.3	3646.1	4879.3	6758.1	8846.6	10907.8	12791.9
-25°	1216.1	1351.9	1545.7	1815.2	2161.0	2713.0	3503.1	4418.0	5826.8	7080.0	8520.1
-27.5°	1145.6	1255.3	1386.5	1572.4	1822.6	2095.4	2563.5	3068.9	3773.0	4330.3	5323.1
-30°	1080.1	1164.6	1269.7	1390.0	1557.3	1754.4	1984.2	2283.0	2606.3	2940.8	3391.0
-32.5°	1024.8	1090.2	1167.5	1260.7	1359.6	1498.4	1628.7	1805.5	1956.6	2151.5	2364.5
-35°	970.5	1026.1	1085.6	1153.5	1226.8	1313.2	1402.1	1506.4	1594.9	1707.2	1811.0
-37.5°	921.8	965.6	1016.1	1066.6	1123.4	1178.6	1242.1	1304.6	1359.0	1429.7	1486.5
-40°	877.0	911.1	953.7	995.9	1039.6	1077.9	1123.4	1164.2	1201.5	1241.9	1275.3
-42.5°	836.0	867.2	898.3	933.9	969.4	1002.3	1033.5	1060.1	1084.4	1108.2	1126.8
-45°	798.4	826.1	853.2	880.8	906.8	935.8	962.0	982.1	996.9	1009.8	1020.1
-47.5°	760.9	786.7	811.2	834.6	857.2	879.7	900.4	914.2	924.4	931.9	937.3
-50°	725.0	748.8	771.4	791.5	811.4	830.4	847.9	858.0	865.1	869.5	870.9
-52.5°	690.6	712.5	733.5	752.3	769.4	785.2	798.9	806.2	812.1	816.3	817.7
-55°	655.5	676.0	695.6	712.6	728.4	743.1	754.1	759.4	763.3	765.8	767.4
-57.5°	616.3	636.9	656.5	671.3	685.9	700.2	710.0	715.4	719.0	721.0	722.7
-60°	571.4	590.7	606.8	621.8	637.1	652.4	658.6	663.6	668.2	672.6	676.6
-62.5°	520.7	537.8	551.0	563.3	575.8	587.6	594.4	599.7	603.4	606.7	610.7
-65°	465.0	480.1	491.5	500.9	508.5	516.7	524.2	529.8	533.5	536.9	540.4
-67.5°	405.8	420.6	431.7	440.5	447.8	454.1	459.9	464.3	467.2	470.0	473.1
-70°	347.6	361.4	373.3	383.4	391.4	397.5	402.1	405.9	408.8	410.8	411.9
-72.5°	291.4	303.0	313.7	323.9	332.8	339.0	343.4	346.9	349.6	351.6	352.6
-75°	238.0	248.2	257.2	265.6	273.4	278.8	282.5	285.3	287.1	289.2	290.7
-77.5°	185.1	193.1	200.6	207.6	214.0	219.2	223.3	226.6	229.1	230.8	231.8
-80°	135.8	142.5	148.6	154.1	159.0	162.5	165.7	168.6	171.3	172.5	173.1
-82.5°	93.6	97.8	102.0	106.2	110.3	111.9	112.9	113.7	114.1	115.8	117.1
-85°	54.4	56.8	58.9	61.0	62.8	63.3	63.4	63.3	63.0	63.8	64.5
-87.5°	19.6	20.2	20.7	21.2	21.7	22.1	22.5	22.8	23.1	23.3	23.5
-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: P627445 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA4D-730-U-MR-XX

CANDELA DISTRIBUTION (continued):

	-7.5°	-5°	-2.5°	0°	2.5°	5°	7.5°	10°	12.5°	15°	17.5°
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
87.5°	23.7	23.8	23.9	23.9	23.9	23.8	23.7	23.5	23.3	23.1	22.8
85°	65.1	65.5	65.7	65.8	65.7	65.5	65.1	64.5	63.8	63.0	63.3
82.5°	118.2	119.0	119.4	119.6	119.4	119.0	118.2	117.1	115.8	114.1	113.7
80°	173.2	172.7	173.3	173.5	173.3	172.7	173.2	173.1	172.5	171.3	168.6
77.5°	232.3	232.2	233.0	233.3	233.0	232.2	232.3	231.8	230.8	229.1	226.6
75°	291.6	291.8	292.8	293.1	292.8	291.8	291.6	290.7	289.2	287.1	285.3
72.5°	352.6	351.6	352.6	353.0	352.6	351.6	352.6	352.6	351.6	349.6	346.9
70°	412.1	411.3	415.1	418.8	415.1	411.3	412.1	411.9	410.8	408.8	405.9
67.5°	475.3	476.5	480.8	484.6	480.8	476.5	475.3	473.1	470.0	467.2	464.3
65°	542.1	542.3	546.4	550.4	546.4	542.3	542.1	540.4	536.9	533.5	529.8
62.5°	613.0	613.7	618.0	622.2	618.0	613.7	613.0	610.7	606.7	603.4	599.7
60°	678.9	679.6	681.2	682.0	681.2	679.6	678.9	676.6	672.6	668.2	663.6
57.5°	723.3	722.7	723.3	723.9	723.3	722.7	723.3	722.7	721.0	719.0	715.4
55°	767.1	765.1	762.8	759.7	762.8	765.1	767.1	767.4	765.8	763.3	759.4
52.5°	816.6	813.4	810.6	807.6	810.6	813.4	816.6	817.7	816.3	812.1	806.2
50°	870.0	867.1	864.3	861.4	864.3	867.1	870.0	870.9	869.5	865.1	858.0
47.5°	941.0	942.2	941.7	939.2	941.7	942.2	941.0	937.3	931.9	924.4	914.2
45°	1027.4	1030.8	1031.2	1029.0	1031.2	1030.8	1027.4	1020.1	1009.8	996.9	982.1
42.5°	1139.9	1147.5	1151.7	1154.6	1151.7	1147.5	1139.9	1126.8	1108.2	1084.4	1060.1
40°	1299.6	1315.0	1324.9	1334.0	1324.9	1315.0	1299.6	1275.3	1241.9	1201.5	1164.2
37.5°	1528.5	1556.6	1569.1	1561.4	1569.1	1556.6	1528.5	1486.5	1429.7	1359.0	1304.6
35°	1890.8	1944.1	1971.9	1974.2	1971.9	1944.1	1890.8	1811.0	1707.2	1594.9	1506.4
32.5°	2521.9	2631.1	2689.8	2698.0	2689.8	2631.1	2521.9	2364.5	2151.5	1956.6	1805.5
30°	3735.6	3958.3	4062.8	4038.0	4062.8	3958.3	3735.6	3391.0	2940.8	2606.3	2283.0
27.5°	6094.8	6650.0	6979.1	7005.2	6979.1	6650.0	6094.8	5323.1	4330.3	3773.0	3068.9
25°	9795.7	10743.6	11350.6	11360.3	11350.6	10743.6	9795.7	8520.1	7080.0	5826.8	4418.0
22.5°	14534.0	15828.0	16536.9	16660.6	16536.9	15828.0	14534.0	12791.9	10907.8	8846.6	6758.1
20°	20023.6	21744.9	22665.8	22666.9	22665.8	21744.9	20023.6	17712.4	15331.8	12506.9	9734.3
17.5°	26784.2	29579.2	31333.7	32088.9	31333.7	29579.2	26784.2	23421.0	20289.9	16685.1	13062.8
15°	35765.8	40462.6	43277.1	43784.3	43277.1	40462.6	35765.8	30883.7	25813.4	21135.3	16580.2
12.5°	46702.0	52645.9	56641.5	58105.9	56641.5	52645.9	46702.0	39845.6	31941.2	25729.8	20167.4
10°	58120.3	63627.7	67908.1	69346.6	67908.1	63627.7	58120.3	49423.4	39888.8	30554.7	23339.7
7.5°	66369.1	72936.4	77758.1	79875.4	77758.1	72936.4	66369.1	57729.6	46835.7	35720.8	26719.5
5°	72880.7	80651.5	85139.8	87131.9	85139.8	80651.5	72880.7	63645.5	52522.0	40075.3	29211.1
2.5°	77153.1	84831.4	89584.3	91421.2	89584.3	84831.4	77153.1	67403.9	56141.8	42744.2	30794.5
0°	78750.7	86258.5	90954.6	93197.9	90954.6	86258.5	78750.7	68341.5	57124.8	43377.5	31323.2
-2.5°	77153.1	84831.4	89584.3	91421.2	89584.3	84831.4	77153.1	67403.9	56141.8	42744.2	30794.5
-5°	72880.7	80651.5	85139.8	87131.9	85139.8	80651.5	72880.7	63645.5	52522.0	40075.3	29211.1
-7.5°	66369.1	72936.4	77758.1	79875.4	77758.1	72936.4	66369.1	57729.6	46835.7	35720.8	26719.5
-10°	58120.3	63627.7	67908.1	69346.6	67908.1	63627.7	58120.3	49423.4	39888.8	30554.7	23339.7
-12.5°	46702.0	52645.9	56641.5	58105.9	56641.5	52645.9	46702.0	39845.6	31941.2	25729.8	20167.4
-15°	35765.8	40462.6	43277.1	43784.3	43277.1	40462.6	35765.8	30883.7	25813.4	21135.3	16580.2
-17.5°	26784.2	29579.2	31333.7	32088.9	31333.7	29579.2	26784.2	23421.0	20289.9	16685.1	13062.8
-20°	20023.6	21744.9	22665.8	22666.9	22665.8	21744.9	20023.6	17712.4	15331.8	12506.9	9734.3

Classified

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

Scaled Data Report



REPORT NUMBER: P627445 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA4D-730-U-MR-XX

CANDELA DISTRIBUTION (continued):

	-7.5°	-5°	-2.5°	0°	2.5°	5°	7.5°	10°	12.5°	15°	17.5°
-22.5°	14534.0	15828.0	16536.9	16660.6	16536.9	15828.0	14534.0	12791.9	10907.8	8846.6	6758.1
-25°	9795.7	10743.6	11350.6	11360.3	11350.6	10743.6	9795.7	8520.1	7080.0	5826.8	4418.0
-27.5°	6094.8	6650.0	6979.1	7005.2	6979.1	6650.0	6094.8	5323.1	4330.3	3773.0	3068.9
-30°	3735.6	3958.3	4062.8	4038.0	4062.8	3958.3	3735.6	3391.0	2940.8	2606.3	2283.0
-32.5°	2521.9	2631.1	2689.8	2698.0	2689.8	2631.1	2521.9	2364.5	2151.5	1956.6	1805.5
-35°	1890.8	1944.1	1971.9	1974.2	1971.9	1944.1	1890.8	1811.0	1707.2	1594.9	1506.4
-37.5°	1528.5	1556.6	1569.1	1561.4	1569.1	1556.6	1528.5	1486.5	1429.7	1359.0	1304.6
-40°	1299.6	1315.0	1324.9	1334.0	1324.9	1315.0	1299.6	1275.3	1241.9	1201.5	1164.2
-42.5°	1139.9	1147.5	1151.7	1154.6	1151.7	1147.5	1139.9	1126.8	1108.2	1084.4	1060.1
-45°	1027.4	1030.8	1031.2	1029.0	1031.2	1030.8	1027.4	1020.1	1009.8	996.9	982.1
-47.5°	941.0	942.2	941.7	939.2	941.7	942.2	941.0	937.3	931.9	924.4	914.2
-50°	870.0	867.1	864.3	861.4	864.3	867.1	870.0	870.9	869.5	865.1	858.0
-52.5°	816.6	813.4	810.6	807.6	810.6	813.4	816.6	817.7	816.3	812.1	806.2
-55°	767.1	765.1	762.8	759.7	762.8	765.1	767.1	767.4	765.8	763.3	759.4
-57.5°	723.3	722.7	723.3	723.9	723.3	722.7	723.3	722.7	721.0	719.0	715.4
-60°	678.9	679.6	681.2	682.0	681.2	679.6	678.9	676.6	672.6	668.2	663.6
-62.5°	613.0	613.7	618.0	622.2	618.0	613.7	613.0	610.7	606.7	603.4	599.7
-65°	542.1	542.3	546.4	550.4	546.4	542.3	542.1	540.4	536.9	533.5	529.8
-67.5°	475.3	476.5	480.8	484.6	480.8	476.5	475.3	473.1	470.0	467.2	464.3
-70°	412.1	411.3	415.1	418.8	415.1	411.3	412.1	411.9	410.8	408.8	405.9
-72.5°	352.6	351.6	352.6	353.0	352.6	351.6	352.6	352.6	351.6	349.6	346.9
-75°	291.6	291.8	292.8	293.1	292.8	291.8	291.6	290.7	289.2	287.1	285.3
-77.5°	232.3	232.2	233.0	233.3	233.0	232.2	232.3	231.8	230.8	229.1	226.6
-80°	173.2	172.7	173.3	173.5	173.3	172.7	173.2	173.1	172.5	171.3	168.6
-82.5°	118.2	119.0	119.4	119.6	119.4	119.0	118.2	117.1	115.8	114.1	113.7
-85°	65.1	65.5	65.7	65.8	65.7	65.5	65.1	64.5	63.8	63.0	63.3
-87.5°	23.7	23.8	23.9	23.9	23.9	23.8	23.7	23.5	23.3	23.1	22.8
-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: P627445 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA4D-730-U-MR-XX

CANDELA DISTRIBUTION (continued):

	20°	22.5°	25°	27.5°	30°	32.5°	35°	37.5°	40°	42.5°	45°
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
87.5°	22.5	22.1	21.7	21.2	20.7	20.2	19.6	19.0	18.3	17.6	16.9
85°	63.4	63.3	62.8	61.0	58.9	56.8	54.4	52.0	49.3	46.6	43.7
82.5°	112.9	111.9	110.3	106.2	102.0	97.8	93.6	89.8	85.9	81.8	77.5
80°	165.7	162.5	159.0	154.1	148.6	142.5	135.8	129.6	123.1	116.8	111.1
77.5°	223.3	219.2	214.0	207.6	200.6	193.1	185.1	176.8	168.6	159.9	150.8
75°	282.5	278.8	273.4	265.6	257.2	248.2	238.0	226.6	215.2	203.8	192.7
72.5°	343.4	339.0	332.8	323.9	313.7	303.0	291.4	278.5	264.3	248.8	234.7
70°	402.1	397.5	391.4	383.4	373.3	361.4	347.6	332.5	316.5	299.8	282.7
67.5°	459.9	454.1	447.8	440.5	431.7	420.6	405.8	388.3	369.9	351.0	331.2
65°	524.2	516.7	508.5	500.9	491.5	480.1	465.0	448.1	428.0	404.7	379.7
62.5°	594.4	587.6	575.8	563.3	551.0	537.8	520.7	502.3	483.8	462.3	432.5
60°	658.6	652.4	637.1	621.8	606.8	590.7	571.4	551.9	532.4	508.9	481.6
57.5°	710.0	700.2	685.9	671.3	656.5	636.9	616.3	596.9	575.6	552.9	527.5
55°	754.1	743.1	728.4	712.6	695.6	676.0	655.5	633.7	613.2	594.5	568.5
52.5°	798.9	785.2	769.4	752.3	733.5	712.5	690.6	667.7	647.7	628.3	606.4
50°	847.9	830.4	811.4	791.5	771.4	748.8	725.0	700.7	681.5	661.3	639.4
47.5°	900.4	879.7	857.2	834.6	811.2	786.7	760.9	734.8	713.7	692.9	670.2
45°	962.0	935.8	906.8	880.8	853.2	826.1	798.4	771.3	744.8	721.5	699.6
42.5°	1033.5	1002.3	969.4	933.9	898.3	867.2	836.0	806.9	777.4	749.3	724.1
40°	1123.4	1077.9	1039.6	995.9	953.7	911.1	877.0	841.9	809.8	778.0	748.9
37.5°	1242.1	1178.6	1123.4	1066.6	1016.1	965.6	921.8	881.9	841.9	807.7	775.1
35°	1402.1	1313.2	1226.8	1153.5	1085.6	1026.1	970.5	923.7	879.6	837.8	801.3
32.5°	1628.7	1498.4	1359.6	1260.7	1167.5	1090.2	1024.8	966.7	916.2	870.2	828.4
30°	1984.2	1754.4	1557.3	1390.0	1269.7	1164.6	1080.1	1011.8	952.5	901.4	854.9
27.5°	2563.5	2095.4	1822.6	1572.4	1386.5	1255.3	1145.6	1056.5	987.9	931.8	881.0
25°	3503.1	2713.0	2161.0	1815.2	1545.7	1351.9	1216.1	1110.1	1026.0	959.3	899.6
22.5°	4879.3	3646.1	2696.3	2093.6	1740.7	1484.1	1299.7	1162.9	1060.2	982.9	917.9
20°	7049.7	4849.4	3476.1	2544.6	1969.7	1610.9	1388.1	1224.8	1102.0	1008.4	934.2
17.5°	9649.2	6710.4	4359.2	3030.1	2266.6	1794.0	1491.4	1284.2	1138.9	1031.3	947.9
15°	12268.9	8656.9	5715.9	3734.0	2590.5	1954.0	1580.2	1335.6	1175.0	1056.4	965.1
12.5°	15161.9	10742.3	6919.8	4316.0	2924.1	2146.9	1693.4	1404.8	1214.4	1081.5	981.7
10°	17660.8	12690.3	8366.8	5248.5	3363.0	2349.1	1797.4	1464.1	1247.4	1101.9	994.7
7.5°	19910.9	14354.5	9580.4	5976.2	3703.4	2509.5	1880.6	1511.3	1272.1	1116.7	1003.8
5°	21507.7	15626.3	10556.5	6526.0	3946.9	2620.7	1938.5	1544.7	1288.4	1126.0	1009.2
2.5°	22503.9	16391.7	11193.2	6852.5	4066.1	2681.5	1974.9	1563.7	1302.2	1136.4	1012.1
0°	22595.1	16337.6	11282.6	7011.2	3990.2	2692.0	1992.1	1567.4	1310.1	1142.6	1011.0
-2.5°	22503.9	16391.7	11193.2	6852.5	4066.1	2681.5	1974.9	1563.7	1302.2	1136.4	1012.1
-5°	21507.7	15626.3	10556.5	6526.0	3946.9	2620.7	1938.5	1544.7	1288.4	1126.0	1009.2
-7.5°	19910.9	14354.5	9580.4	5976.2	3703.4	2509.5	1880.6	1511.3	1272.1	1116.7	1003.8
-10°	17660.8	12690.3	8366.8	5248.5	3363.0	2349.1	1797.4	1464.1	1247.4	1101.9	994.7
-12.5°	15161.9	10742.3	6919.8	4316.0	2924.1	2146.9	1693.4	1404.8	1214.4	1081.5	981.7
-15°	12268.9	8656.9	5715.9	3734.0	2590.5	1954.0	1580.2	1335.6	1175.0	1056.4	965.1
-17.5°	9649.2	6710.4	4359.2	3030.1	2266.6	1794.0	1491.4	1284.2	1138.9	1031.3	947.9
-20°	7049.7	4849.4	3476.1	2544.6	1969.7	1610.9	1388.1	1224.8	1102.0	1008.4	934.2

Classified

Cooper Lighting Solutions Photometric Lab
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Scaled Data Report



REPORT NUMBER: P627445 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA4D-730-U-MR-XX

CANDELA DISTRIBUTION (continued):

	20°	22.5°	25°	27.5°	30°	32.5°	35°	37.5°	40°	42.5°	45°
-22.5°	4879.3	3646.1	2696.3	2093.6	1740.7	1484.1	1299.7	1162.9	1060.2	982.9	917.9
-25°	3503.1	2713.0	2161.0	1815.2	1545.7	1351.9	1216.1	1110.1	1026.0	959.3	899.6
-27.5°	2563.5	2095.4	1822.6	1572.4	1386.5	1255.3	1145.6	1056.5	987.9	931.8	881.0
-30°	1984.2	1754.4	1557.3	1390.0	1269.7	1164.6	1080.1	1011.8	952.5	901.4	854.9
-32.5°	1628.7	1498.4	1359.6	1260.7	1167.5	1090.2	1024.8	966.7	916.2	870.2	828.4
-35°	1402.1	1313.2	1226.8	1153.5	1085.6	1026.1	970.5	923.7	879.6	837.8	801.3
-37.5°	1242.1	1178.6	1123.4	1066.6	1016.1	965.6	921.8	881.9	841.9	807.7	775.1
-40°	1123.4	1077.9	1039.6	995.9	953.7	911.1	877.0	841.9	809.8	778.0	748.9
-42.5°	1033.5	1002.3	969.4	933.9	898.3	867.2	836.0	806.9	777.4	749.3	724.1
-45°	962.0	935.8	906.8	880.8	853.2	826.1	798.4	771.3	744.8	721.5	699.6
-47.5°	900.4	879.7	857.2	834.6	811.2	786.7	760.9	734.8	713.7	692.9	670.2
-50°	847.9	830.4	811.4	791.5	771.4	748.8	725.0	700.7	681.5	661.3	639.4
-52.5°	798.9	785.2	769.4	752.3	733.5	712.5	690.6	667.7	647.7	628.3	606.4
-55°	754.1	743.1	728.4	712.6	695.6	676.0	655.5	633.7	613.2	594.5	568.5
-57.5°	710.0	700.2	685.9	671.3	656.5	636.9	616.3	596.9	575.6	552.9	527.5
-60°	658.6	652.4	637.1	621.8	606.8	590.7	571.4	551.9	532.4	508.9	481.6
-62.5°	594.4	587.6	575.8	563.3	551.0	537.8	520.7	502.3	483.8	462.3	432.5
-65°	524.2	516.7	508.5	500.9	491.5	480.1	465.0	448.1	428.0	404.7	379.7
-67.5°	459.9	454.1	447.8	440.5	431.7	420.6	405.8	388.3	369.9	351.0	331.2
-70°	402.1	397.5	391.4	383.4	373.3	361.4	347.6	332.5	316.5	299.8	282.7
-72.5°	343.4	339.0	332.8	323.9	313.7	303.0	291.4	278.5	264.3	248.8	234.7
-75°	282.5	278.8	273.4	265.6	257.2	248.2	238.0	226.6	215.2	203.8	192.7
-77.5°	223.3	219.2	214.0	207.6	200.6	193.1	185.1	176.8	168.6	159.9	150.8
-80°	165.7	162.5	159.0	154.1	148.6	142.5	135.8	129.6	123.1	116.8	111.1
-82.5°	112.9	111.9	110.3	106.2	102.0	97.8	93.6	89.8	85.9	81.8	77.5
-85°	63.4	63.3	62.8	61.0	58.9	56.8	54.4	52.0	49.3	46.6	43.7
-87.5°	22.5	22.1	21.7	21.2	20.7	20.2	19.6	19.0	18.3	17.6	16.9
-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: P627445 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA4D-730-U-MR-XX

CANDELA DISTRIBUTION (continued):

	47.5°	50°	52.5°	55°	57.5°	60°	62.5°	65°	67.5°	70°	72.5°
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
87.5°	16.1	15.4	14.5	13.7	12.8	11.9	11.0	10.1	9.1	8.2	7.2
85°	40.7	37.5	34.3	30.9	27.4	23.9	22.0	20.2	18.3	16.3	14.4
82.5°	72.9	68.2	63.3	58.3	53.1	47.7	42.2	36.6	30.6	25.0	21.5
80°	105.0	98.7	92.2	85.6	78.8	71.4	64.1	56.5	48.1	40.1	32.4
77.5°	141.4	131.5	121.3	112.9	105.1	96.6	87.3	76.8	65.4	55.1	45.2
75°	181.2	169.4	157.1	145.0	133.5	121.8	111.2	98.9	84.6	70.1	57.7
72.5°	222.3	208.6	193.8	178.6	164.9	150.8	136.3	120.7	104.3	87.7	70.9
70°	265.7	248.8	232.2	215.1	197.5	179.7	163.0	144.2	123.9	105.1	86.1
67.5°	310.6	290.6	270.7	251.3	231.3	210.8	189.8	167.9	145.2	122.2	101.1
65°	356.8	333.0	308.8	287.1	264.7	241.8	218.3	191.7	166.2	141.0	115.9
62.5°	403.7	376.2	349.4	323.0	297.7	272.4	246.1	216.2	187.1	159.4	131.5
60°	451.0	419.3	389.1	359.7	330.7	302.4	272.8	240.0	208.2	177.3	147.3
57.5°	496.2	461.4	427.0	394.9	363.4	332.0	298.8	263.5	228.6	195.1	162.6
55°	540.1	504.5	464.3	427.7	394.2	360.9	324.1	286.6	248.5	212.4	177.6
52.5°	578.9	543.5	501.7	459.9	422.4	387.5	348.1	309.1	268.7	229.0	192.0
50°	614.1	578.1	536.2	492.1	449.4	410.7	371.1	329.8	288.2	245.3	206.0
47.5°	644.5	610.0	568.6	522.4	476.8	433.0	391.9	349.4	307.0	262.0	219.5
45°	671.9	640.6	599.6	552.2	502.2	455.8	411.5	368.0	323.7	278.1	232.5
42.5°	697.5	667.2	629.6	581.3	528.1	477.6	430.3	385.0	339.3	293.4	245.4
40°	720.7	690.3	657.8	608.6	552.6	498.0	448.7	401.2	354.0	307.4	258.0
37.5°	743.7	712.2	678.5	634.0	575.6	518.9	465.9	416.4	368.1	319.9	269.8
35°	767.2	733.6	696.7	654.0	597.5	538.0	481.8	430.8	381.3	331.6	280.8
32.5°	789.8	752.7	713.3	670.9	617.9	555.5	497.2	444.7	393.8	342.6	290.9
30°	812.0	768.4	728.2	688.1	635.8	572.6	512.3	457.7	405.3	352.8	300.1
27.5°	828.9	782.1	741.2	701.6	650.7	588.4	527.0	469.6	416.0	362.2	308.3
25°	844.2	795.3	752.3	712.3	665.5	604.7	540.4	480.5	425.7	370.8	315.7
22.5°	859.3	806.8	761.7	721.4	679.5	619.5	553.2	491.4	434.4	378.5	322.4
20°	872.4	816.0	769.4	729.9	688.8	630.9	565.1	501.1	442.2	385.3	328.4
17.5°	883.6	825.4	777.5	736.7	695.2	640.6	575.5	509.6	448.9	391.3	333.5
15°	895.1	835.2	784.4	742.1	700.7	648.5	584.4	516.8	454.7	396.3	338.3
12.5°	904.9	842.4	789.8	745.9	705.4	654.7	591.7	522.7	459.3	401.0	342.8
10°	912.5	847.1	793.5	748.3	709.0	659.2	597.4	528.2	464.9	405.2	346.4
7.5°	917.9	849.5	795.7	749.3	711.7	663.2	603.0	534.2	469.8	408.5	349.3
5°	921.5	850.6	797.1	751.5	713.2	667.0	607.1	538.9	473.8	410.9	351.4
2.5°	925.8	851.0	797.2	753.2	713.2	669.2	609.4	542.3	476.8	412.3	352.6
0°	927.3	849.5	795.6	753.8	711.9	670.0	610.2	544.4	478.6	412.8	353.0
-2.5°	925.8	851.0	797.2	753.2	713.2	669.2	609.4	542.3	476.8	412.3	352.6
-5°	921.5	850.6	797.1	751.5	713.2	667.0	607.1	538.9	473.8	410.9	351.4
-7.5°	917.9	849.5	795.7	749.3	711.7	663.2	603.0	534.2	469.8	408.5	349.3
-10°	912.5	847.1	793.5	748.3	709.0	659.2	597.4	528.2	464.9	405.2	346.4
-12.5°	904.9	842.4	789.8	745.9	705.4	654.7	591.7	522.7	459.3	401.0	342.8
-15°	895.1	835.2	784.4	742.1	700.7	648.5	584.4	516.8	454.7	396.3	338.3
-17.5°	883.6	825.4	777.5	736.7	695.2	640.6	575.5	509.6	448.9	391.3	333.5
-20°	872.4	816.0	769.4	729.9	688.8	630.9	565.1	501.1	442.2	385.3	328.4

Classified

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

Scaled Data Report



REPORT NUMBER: P627445 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA4D-730-U-MR-XX

CANDELA DISTRIBUTION (continued):

	47.5°	50°	52.5°	55°	57.5°	60°	62.5°	65°	67.5°	70°	72.5°
-22.5°	859.3	806.8	761.7	721.4	679.5	619.5	553.2	491.4	434.4	378.5	322.4
-25°	844.2	795.3	752.3	712.3	665.5	604.7	540.4	480.5	425.7	370.8	315.7
-27.5°	828.9	782.1	741.2	701.6	650.7	588.4	527.0	469.6	416.0	362.2	308.3
-30°	812.0	768.4	728.2	688.1	635.8	572.6	512.3	457.7	405.3	352.8	300.1
-32.5°	789.8	752.7	713.3	670.9	617.9	555.5	497.2	444.7	393.8	342.6	290.9
-35°	767.2	733.6	696.7	654.0	597.5	538.0	481.8	430.8	381.3	331.6	280.8
-37.5°	743.7	712.2	678.5	634.0	575.6	518.9	465.9	416.4	368.1	319.9	269.8
-40°	720.7	690.3	657.8	608.6	552.6	498.0	448.7	401.2	354.0	307.4	258.0
-42.5°	697.5	667.2	629.6	581.3	528.1	477.6	430.3	385.0	339.3	293.4	245.4
-45°	671.9	640.6	599.6	552.2	502.2	455.8	411.5	368.0	323.7	278.1	232.5
-47.5°	644.5	610.0	568.6	522.4	476.8	433.0	391.9	349.4	307.0	262.0	219.5
-50°	614.1	578.1	536.2	492.1	449.4	410.7	371.1	329.8	288.2	245.3	206.0
-52.5°	578.9	543.5	501.7	459.9	422.4	387.5	348.1	309.1	268.7	229.0	192.0
-55°	540.1	504.5	464.3	427.7	394.2	360.9	324.1	286.6	248.5	212.4	177.6
-57.5°	496.2	461.4	427.0	394.9	363.4	332.0	298.8	263.5	228.6	195.1	162.6
-60°	451.0	419.3	389.1	359.7	330.7	302.4	272.8	240.0	208.2	177.3	147.3
-62.5°	403.7	376.2	349.4	323.0	297.7	272.4	246.1	216.2	187.1	159.4	131.5
-65°	356.8	333.0	308.8	287.1	264.7	241.8	218.3	191.7	166.2	141.0	115.9
-67.5°	310.6	290.6	270.7	251.3	231.3	210.8	189.8	167.9	145.2	122.2	101.1
-70°	265.7	248.8	232.2	215.1	197.5	179.7	163.0	144.2	123.9	105.1	86.1
-72.5°	222.3	208.6	193.8	178.6	164.9	150.8	136.3	120.7	104.3	87.7	70.9
-75°	181.2	169.4	157.1	145.0	133.5	121.8	111.2	98.9	84.6	70.1	57.7
-77.5°	141.4	131.5	121.3	112.9	105.1	96.6	87.3	76.8	65.4	55.1	45.2
-80°	105.0	98.7	92.2	85.6	78.8	71.4	64.1	56.5	48.1	40.1	32.4
-82.5°	72.9	68.2	63.3	58.3	53.1	47.7	42.2	36.6	30.6	25.0	21.5
-85°	40.7	37.5	34.3	30.9	27.4	23.9	22.0	20.2	18.3	16.3	14.4
-87.5°	16.1	15.4	14.5	13.7	12.8	11.9	11.0	10.1	9.1	8.2	7.2
-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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Scaled Data Report



REPORT NUMBER: P627445 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA4D-730-U-MR-XX

CANDELA DISTRIBUTION (continued):

	75°	77.5°	80°	82.5°	85°	87.5°	90°
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0
87.5°	6.2	5.2	4.1	3.1	2.1	1.0	0.0
85°	12.4	10.3	8.3	6.2	4.2	2.1	0.0
82.5°	18.5	15.5	12.4	9.3	6.2	3.1	0.0
80°	25.2	20.6	16.5	12.4	8.3	4.1	0.0
77.5°	35.8	27.0	20.6	15.5	10.3	5.2	0.0
75°	46.4	35.8	25.2	18.5	12.4	6.2	0.0
72.5°	56.8	44.5	32.2	21.5	14.4	7.2	0.0
70°	67.5	53.2	39.1	24.9	16.3	8.2	0.0
67.5°	80.5	61.6	45.9	30.0	18.3	9.1	0.0
65°	93.3	71.1	52.5	35.0	20.2	10.1	0.0
62.5°	105.9	81.6	59.1	39.9	22.0	11.0	0.0
60°	118.2	91.9	65.5	44.7	23.9	11.9	0.0
57.5°	131.2	101.9	73.4	49.4	27.0	12.8	0.0
55°	143.8	111.7	81.2	54.0	30.0	13.7	0.0
52.5°	156.0	121.2	88.8	58.4	33.0	14.5	0.0
50°	167.7	130.9	96.1	62.7	35.8	15.4	0.0
47.5°	178.9	140.1	103.2	67.1	38.6	16.1	0.0
45°	190.0	148.9	110.0	72.2	41.2	16.9	0.0
42.5°	200.6	157.3	116.5	77.0	43.7	17.6	0.0
40°	210.7	165.2	122.8	81.6	46.2	18.3	0.0
37.5°	220.3	172.6	128.7	85.9	48.5	19.0	0.0
35°	229.3	179.9	134.3	89.9	50.6	19.6	0.0
32.5°	237.9	187.0	139.6	93.6	52.7	20.2	0.0
30°	246.0	193.5	144.4	97.0	54.5	20.7	0.0
27.5°	253.4	199.6	148.7	100.1	56.3	21.2	0.0
25°	260.1	205.1	152.8	102.9	57.9	21.7	0.0
22.5°	266.0	210.1	156.5	105.3	59.4	22.1	0.0
20°	271.2	214.5	159.9	107.5	60.7	22.5	0.0
17.5°	276.0	218.2	163.0	109.3	61.9	22.8	0.0
15°	280.3	221.3	165.7	110.8	62.9	23.1	0.0
12.5°	284.1	223.7	168.0	112.1	63.8	23.3	0.0
10°	287.3	225.6	170.0	113.0	64.5	23.5	0.0
7.5°	289.8	226.9	171.5	113.6	65.1	23.7	0.0
5°	291.6	227.6	172.6	113.9	65.5	23.8	0.0
2.5°	292.7	227.7	173.3	113.9	65.7	23.9	0.0
0°	293.1	227.3	173.5	113.7	65.8	23.9	0.0
-2.5°	292.7	227.7	173.3	113.9	65.7	23.9	0.0
-5°	291.6	227.6	172.6	113.9	65.5	23.8	0.0
-7.5°	289.8	226.9	171.5	113.6	65.1	23.7	0.0
-10°	287.3	225.6	170.0	113.0	64.5	23.5	0.0
-12.5°	284.1	223.7	168.0	112.1	63.8	23.3	0.0
-15°	280.3	221.3	165.7	110.8	62.9	23.1	0.0
-17.5°	276.0	218.2	163.0	109.3	61.9	22.8	0.0
-20°	271.2	214.5	159.9	107.5	60.7	22.5	0.0

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REPORT NUMBER: P627445 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA4D-730-U-MR-XX

CANDELA DISTRIBUTION (continued):

	75°	77.5°	80°	82.5°	85°	87.5°	90°
-22.5°	266.0	210.1	156.5	105.3	59.4	22.1	0.0
-25°	260.1	205.1	152.8	102.9	57.9	21.7	0.0
-27.5°	253.4	199.6	148.7	100.1	56.3	21.2	0.0
-30°	246.0	193.5	144.4	97.0	54.5	20.7	0.0
-32.5°	237.9	187.0	139.6	93.6	52.7	20.2	0.0
-35°	229.3	179.9	134.3	89.9	50.6	19.6	0.0
-37.5°	220.3	172.6	128.7	85.9	48.5	19.0	0.0
-40°	210.7	165.2	122.8	81.6	46.2	18.3	0.0
-42.5°	200.6	157.3	116.5	77.0	43.7	17.6	0.0
-45°	190.0	148.9	110.0	72.2	41.2	16.9	0.0
-47.5°	178.9	140.1	103.2	67.1	38.6	16.1	0.0
-50°	167.7	130.9	96.1	62.7	35.8	15.4	0.0
-52.5°	156.0	121.2	88.8	58.4	33.0	14.5	0.0
-55°	143.8	111.7	81.2	54.0	30.0	13.7	0.0
-57.5°	131.2	101.9	73.4	49.4	27.0	12.8	0.0
-60°	118.2	91.9	65.5	44.7	23.9	11.9	0.0
-62.5°	105.9	81.6	59.1	39.9	22.0	11.0	0.0
-65°	93.3	71.1	52.5	35.0	20.2	10.1	0.0
-67.5°	80.5	61.6	45.9	30.0	18.3	9.1	0.0
-70°	67.5	53.2	39.1	24.9	16.3	8.2	0.0
-72.5°	56.8	44.5	32.2	21.5	14.4	7.2	0.0
-75°	46.4	35.8	25.2	18.5	12.4	6.2	0.0
-77.5°	35.8	27.0	20.6	15.5	10.3	5.2	0.0
-80°	25.2	20.6	16.5	12.4	8.3	4.1	0.0
-82.5°	18.5	15.5	12.4	9.3	6.2	3.1	0.0
-85°	12.4	10.3	8.3	6.2	4.2	2.1	0.0
-87.5°	6.2	5.2	4.1	3.1	2.1	1.0	0.0
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0

(END OF REPORT)