

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: P627645 (CONVERTED FROM TYPE C PHOTOMETRY)

Luminaire Tested: **GFLD-SA5C-740-U-MR-XX**

Issue Date: 12/7/2022

Test Information

Test Method: LM-79-08
Report Number: P627645 (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-SA5C-740-U-MR-XX
Description: GALLEON FLOOD, FIVE LIGHT SQAURE, MEDIUM SYMMETRICAL ROUND N123
Light Source: (80) 4000K CCT, 70 CRI LEDS
Ballast/Driver: -

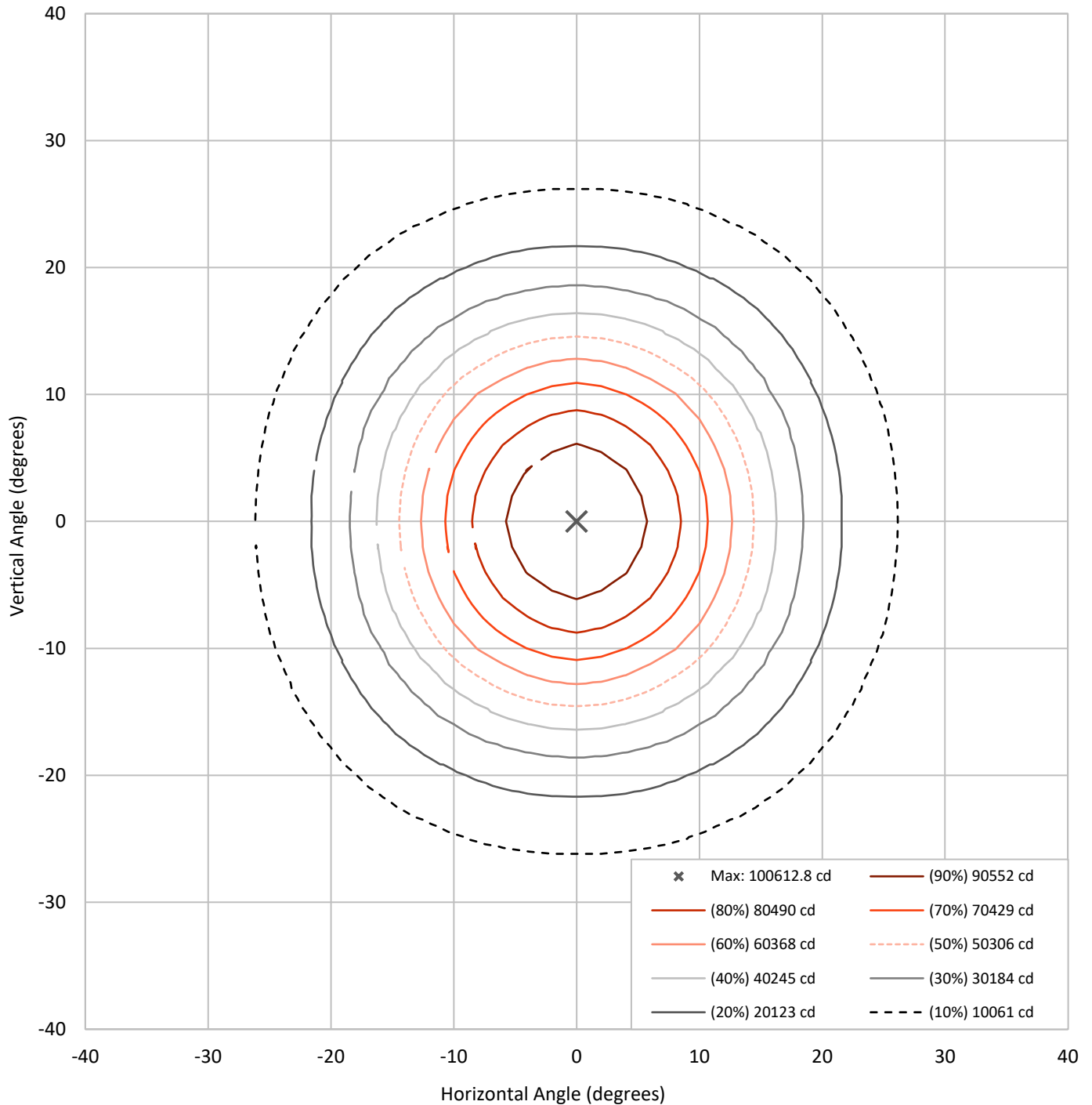
Summary

Lumens per Lamp:	N/A	NEMA Type:	4H x 4V
Luminaire Lumens:	31434.9 lumens	Max Intensity:	100612.8 candela
Efficiency:	N/A	Max Intensity Angle:	0°H x 0°V
Efficacy:	152.5 lumens/watt		
Luminous Opening:	Rectangular (W 1.5' 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:	15283.2 lumens	Field Lumens:	25791.8 lumens
Beam Efficiency:	48.6%	Field Efficiency:	82.0%
Input Watts (W):	206.1		
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: P627645 (CONVERTED FROM TYPE C PHOTOMETRY)
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Iso-Candela Plot





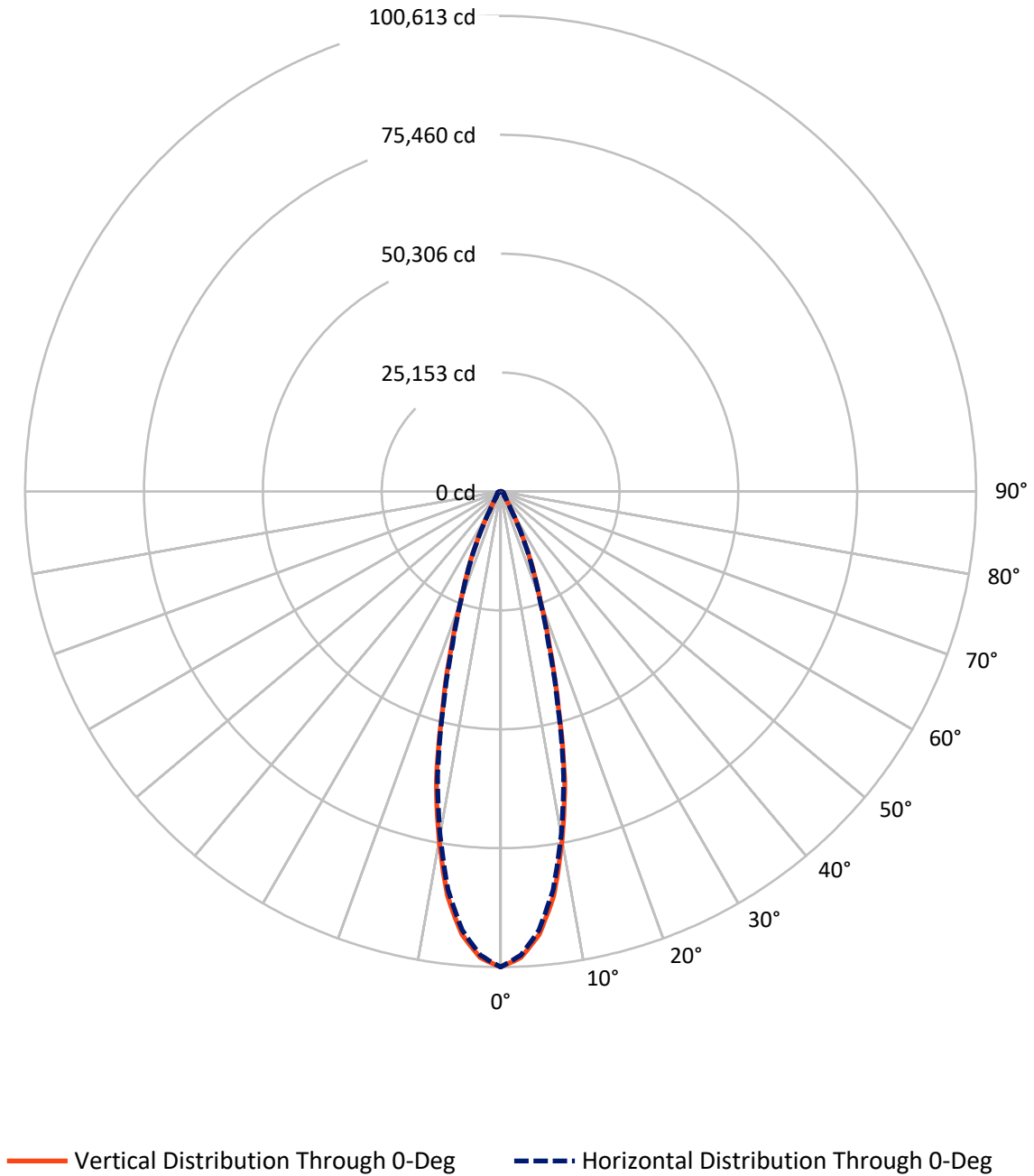
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Lumen Table

90																			
80	0.6	5.2		13.7		21.6		24.0		21.6		13.7		5.2		0.6			
70																			
60	2.4	2.7	5.4	8.9	12.4	15.2	17.0	17.9	17.9	17.0	15.2	12.4	8.9	5.4	2.7	2.4			
50		4.0	8.1	13.1	17.6	21.6	24.2	25.1	25.1	24.2	21.6	17.6	13.1	8.1	4.0				
40	4.1	5.2	10.4	16.2	21.5	27.2	32.0	34.4	34.4	32.0	27.2	21.5	16.2	10.4	5.2	4.1			
30		6.1	12.2	18.7	26.4	37.6	54.5	70.8	70.8	54.5	37.6	26.4	18.7	12.2	6.1				
20	5.3	6.8	13.4	21.0	33.8	73.5	206.9	367.0	367.0	206.9	73.5	33.8	21.0	13.4	6.8	5.3			
10		7.3	14.0	22.9	46.0	192.9	687.6	1317.7	1317.7	687.6	192.9	46.0	22.9	14.0	7.3				
0	5.7	7.6	14.3	24.1	58.5	333.0	1272.8	2503.5	2503.5	1272.8	333.0	58.5	24.1	14.3	7.6	5.7			
-10		7.6	14.3	24.1	58.5	333.0	1272.8	2503.5	2503.5	1272.8	333.0	58.5	24.1	14.3	7.6				
-20	5.3	7.3	14.0	22.9	46.0	192.9	687.6	1317.7	1317.7	687.6	192.9	46.0	22.9	14.0	7.3	5.3			
-30		6.8	13.4	21.0	33.8	73.5	206.9	367.0	367.0	206.9	73.5	33.8	21.0	13.4	6.8				
-40	4.1	6.1	12.2	18.7	26.4	37.6	54.5	70.8	70.8	54.5	37.6	26.4	18.7	12.2	6.1	4.1			
-50		5.2	10.4	16.2	21.5	27.2	32.0	34.4	34.4	32.0	27.2	21.5	16.2	10.4	5.2				
-60	2.4	4.0	8.1	13.1	17.6	21.6	24.2	25.1	25.1	24.2	21.6	17.6	13.1	8.1	4.0	2.4			
-70		2.7	5.4	8.9	12.4	15.2	17.0	17.9	17.9	17.0	15.2	12.4	8.9	5.4	2.7				
-80																			
-90	0.6	5.2		13.7		21.6		24.0		21.6		13.7		5.2		0.6			
	-90	-80	-70	-60	-50	-40	-30	-20	-10	0	10	20	30	40	50	60	70	80	90

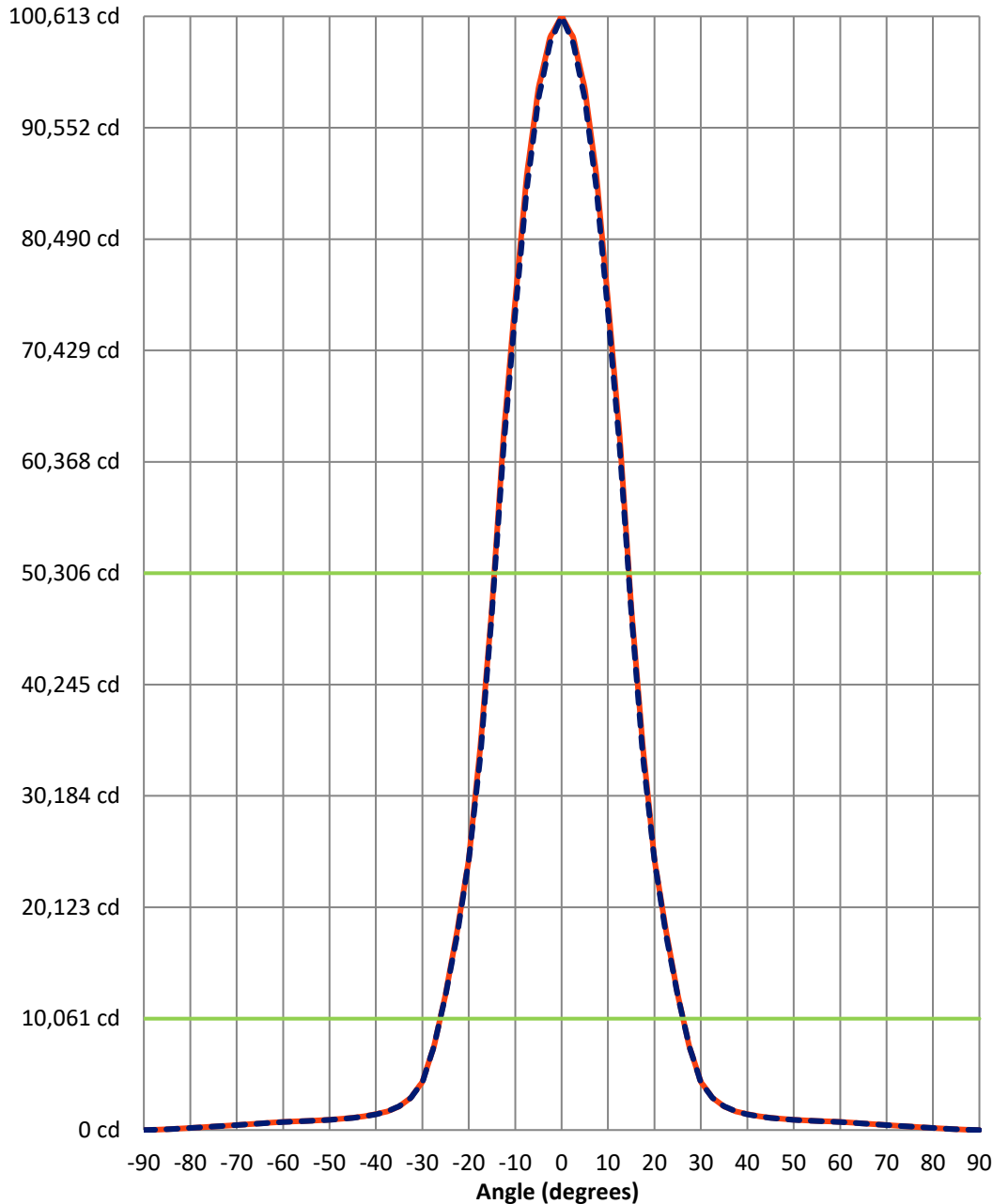
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Luminous Intensity Polar Plot



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Luminous Intensity Plot



Beam:
 H Angle: 28.8°
 V Angle: 29°
 Lumens: 15283.2
 Efficiency: 48.6%

Field:
 H Angle: 52.3°
 V Angle: 52.3°
 Lumens: 25791.8
 Efficiency: 82.0%

Spill:
 Lumens: 5643
 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	1.1	2.2	3.4	4.5	5.6	6.7	7.8	8.8	9.9	10.9
85°	0.0	2.2	4.5	6.7	8.9	11.2	13.3	15.5	17.6	19.7	21.8
82.5°	0.0	3.4	6.7	10.1	13.4	16.7	20.0	23.2	26.9	33.1	39.5
80°	0.0	4.5	8.9	13.4	17.8	22.2	27.2	35.0	43.3	51.9	61.0
77.5°	0.0	5.6	11.2	16.7	22.2	29.1	38.7	48.7	59.4	70.6	82.9
75°	0.0	6.7	13.3	20.0	27.2	38.7	50.0	62.3	75.7	91.3	106.8
72.5°	0.0	7.8	15.5	23.2	34.7	48.1	61.3	76.5	94.7	112.7	130.3
70°	0.0	8.8	17.6	26.9	42.2	57.4	72.8	93.0	113.5	133.7	155.7
67.5°	0.0	9.9	19.7	32.4	49.5	66.5	86.9	109.2	132.0	156.8	181.2
65°	0.0	10.9	21.8	37.8	56.7	76.8	100.8	125.2	152.2	179.4	206.9
62.5°	0.0	11.9	23.8	43.1	63.8	88.1	114.4	142.0	172.0	201.9	233.3
60°	0.0	12.9	25.8	48.3	70.7	99.2	127.7	159.0	191.4	224.7	259.0
57.5°	0.0	13.9	29.1	53.3	79.2	110.1	141.6	175.5	210.6	246.7	284.4
55°	0.0	14.8	32.4	58.2	87.7	120.6	155.3	191.6	229.2	268.2	309.4
52.5°	0.0	15.7	35.6	63.0	95.9	130.9	168.4	207.2	247.1	290.0	333.6
50°	0.0	16.6	38.7	67.6	103.8	141.3	181.0	222.4	264.7	311.1	356.0
47.5°	0.0	17.4	41.6	72.4	111.4	151.3	193.1	237.0	282.8	331.5	377.2
45°	0.0	18.2	44.5	77.9	118.8	160.8	205.1	251.0	300.2	349.4	397.3
42.5°	0.0	19.0	47.2	83.2	125.8	169.8	216.5	264.9	316.8	366.3	415.7
40°	0.0	19.8	49.8	88.1	132.6	178.3	227.5	278.5	331.9	382.2	433.1
37.5°	0.0	20.5	52.3	92.8	139.0	186.3	237.8	291.3	345.4	397.4	449.6
35°	0.0	21.1	54.6	97.1	145.1	194.2	247.6	303.1	358.1	411.7	465.0
32.5°	0.0	21.8	56.8	101.1	150.7	201.8	256.8	314.1	369.9	425.1	480.1
30°	0.0	22.3	58.9	104.7	155.9	208.9	265.6	324.1	380.9	437.6	494.0
27.5°	0.0	22.9	60.8	108.1	160.6	215.5	273.6	332.9	391.0	449.1	506.9
25°	0.0	23.4	62.5	111.1	165.0	221.4	280.8	340.9	400.3	459.5	518.7
22.5°	0.0	23.8	64.1	113.7	169.0	226.8	287.2	348.1	408.6	469.0	530.5
20°	0.0	24.2	65.5	116.0	172.7	231.5	292.9	354.5	415.9	477.4	541.0
17.5°	0.0	24.6	66.8	118.0	176.0	235.5	298.0	360.0	422.3	484.6	550.1
15°	0.0	24.9	67.9	119.7	178.9	238.9	302.7	365.1	427.8	490.8	557.9
12.5°	0.0	25.2	68.9	121.0	181.4	241.5	306.8	370.0	432.8	495.9	564.2
10°	0.0	25.4	69.6	122.0	183.5	243.6	310.2	373.9	437.4	501.9	570.2
7.5°	0.0	25.6	70.2	122.6	185.1	244.9	312.9	377.0	441.0	507.2	576.7
5°	0.0	25.7	70.7	123.0	186.3	245.7	314.9	379.2	443.5	511.5	581.8
2.5°	0.0	25.8	70.9	123.0	187.1	245.8	316.1	380.6	445.1	514.7	585.5
0°	0.0	25.8	71.0	122.7	187.3	245.4	316.5	381.0	445.6	516.7	587.7
-2.5°	0.0	25.8	70.9	123.0	187.1	245.8	316.1	380.6	445.1	514.7	585.5
-5°	0.0	25.7	70.7	123.0	186.3	245.7	314.9	379.2	443.5	511.5	581.8
-7.5°	0.0	25.6	70.2	122.6	185.1	244.9	312.9	377.0	441.0	507.2	576.7
-10°	0.0	25.4	69.6	122.0	183.5	243.6	310.2	373.9	437.4	501.9	570.2
-12.5°	0.0	25.2	68.9	121.0	181.4	241.5	306.8	370.0	432.8	495.9	564.2
-15°	0.0	24.9	67.9	119.7	178.9	238.9	302.7	365.1	427.8	490.8	557.9
-17.5°	0.0	24.6	66.8	118.0	176.0	235.5	298.0	360.0	422.3	484.6	550.1
-20°	0.0	24.2	65.5	116.0	172.7	231.5	292.9	354.5	415.9	477.4	541.0

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CATALOG NUMBER: GFLD-SA5C-740-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	23.8	64.1	113.7	169.0	226.8	287.2	348.1	408.6	469.0	530.5
-25°	0.0	23.4	62.5	111.1	165.0	221.4	280.8	340.9	400.3	459.5	518.7
-27.5°	0.0	22.9	60.8	108.1	160.6	215.5	273.6	332.9	391.0	449.1	506.9
-30°	0.0	22.3	58.9	104.7	155.9	208.9	265.6	324.1	380.9	437.6	494.0
-32.5°	0.0	21.8	56.8	101.1	150.7	201.8	256.8	314.1	369.9	425.1	480.1
-35°	0.0	21.1	54.6	97.1	145.1	194.2	247.6	303.1	358.1	411.7	465.0
-37.5°	0.0	20.5	52.3	92.8	139.0	186.3	237.8	291.3	345.4	397.4	449.6
-40°	0.0	19.8	49.8	88.1	132.6	178.3	227.5	278.5	331.9	382.2	433.1
-42.5°	0.0	19.0	47.2	83.2	125.8	169.8	216.5	264.9	316.8	366.3	415.7
-45°	0.0	18.2	44.5	77.9	118.8	160.8	205.1	251.0	300.2	349.4	397.3
-47.5°	0.0	17.4	41.6	72.4	111.4	151.3	193.1	237.0	282.8	331.5	377.2
-50°	0.0	16.6	38.7	67.6	103.8	141.3	181.0	222.4	264.7	311.1	356.0
-52.5°	0.0	15.7	35.6	63.0	95.9	130.9	168.4	207.2	247.1	290.0	333.6
-55°	0.0	14.8	32.4	58.2	87.7	120.6	155.3	191.6	229.2	268.2	309.4
-57.5°	0.0	13.9	29.1	53.3	79.2	110.1	141.6	175.5	210.6	246.7	284.4
-60°	0.0	12.9	25.8	48.3	70.7	99.2	127.7	159.0	191.4	224.7	259.0
-62.5°	0.0	11.9	23.8	43.1	63.8	88.1	114.4	142.0	172.0	201.9	233.3
-65°	0.0	10.9	21.8	37.8	56.7	76.8	100.8	125.2	152.2	179.4	206.9
-67.5°	0.0	9.9	19.7	32.4	49.5	66.5	86.9	109.2	132.0	156.8	181.2
-70°	0.0	8.8	17.6	26.9	42.2	57.4	72.8	93.0	113.5	133.7	155.7
-72.5°	0.0	7.8	15.5	23.2	34.7	48.1	61.3	76.5	94.7	112.7	130.3
-75°	0.0	6.7	13.3	20.0	27.2	38.7	50.0	62.3	75.7	91.3	106.8
-77.5°	0.0	5.6	11.2	16.7	22.2	29.1	38.7	48.7	59.4	70.6	82.9
-80°	0.0	4.5	8.9	13.4	17.8	22.2	27.2	35.0	43.3	51.9	61.0
-82.5°	0.0	3.4	6.7	10.1	13.4	16.7	20.0	23.2	26.9	33.1	39.5
-85°	0.0	2.2	4.5	6.7	8.9	11.2	13.3	15.5	17.6	19.7	21.8
-87.5°	0.0	1.1	2.2	3.4	4.5	5.6	6.7	7.8	8.8	9.9	10.9
-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°	11.9	12.9	13.9	14.8	15.7	16.6	17.4	18.2	19.0	19.8	20.5
85°	23.8	25.8	29.6	33.4	37.0	40.5	43.9	47.2	50.3	53.3	56.1
82.5°	45.6	51.5	57.3	62.9	68.3	73.6	78.7	83.6	88.3	92.8	97.0
80°	69.2	77.1	85.1	92.4	99.6	106.6	113.4	120.0	126.2	132.9	140.0
77.5°	94.2	104.3	113.5	121.9	131.0	142.0	152.6	162.8	172.6	181.9	190.8
75°	120.0	131.5	144.1	156.6	169.6	182.8	195.6	207.9	220.0	232.3	244.6
72.5°	147.1	162.8	178.0	192.8	209.1	225.2	239.9	253.3	268.5	285.3	300.6
70°	175.9	194.0	213.1	232.1	250.7	268.5	286.8	305.1	323.6	341.7	358.9
67.5°	204.8	227.5	249.7	271.2	292.3	313.7	335.3	357.5	378.8	399.3	419.1
65°	235.6	261.0	285.8	309.9	333.3	359.4	385.1	409.8	436.9	462.0	483.8
62.5°	265.6	294.0	321.3	348.7	377.1	406.0	435.7	466.8	499.1	522.3	542.3
60°	294.4	326.4	356.9	388.3	420.0	452.6	486.8	519.9	549.4	574.8	595.8
57.5°	322.6	358.4	392.2	426.2	460.9	498.0	535.6	569.5	596.9	621.4	644.5
55°	349.8	389.5	425.5	461.7	501.1	544.7	583.2	613.8	641.8	662.0	684.1
52.5°	375.8	418.3	455.9	496.4	541.6	586.7	625.0	654.7	678.3	699.2	720.8
50°	400.6	443.3	485.1	531.2	578.9	624.1	662.9	690.2	713.9	735.7	756.4
47.5°	423.1	467.5	514.7	564.0	613.8	658.5	695.7	723.5	748.1	770.5	793.3
45°	444.3	492.0	542.1	596.1	647.2	691.5	725.3	755.3	778.9	804.1	832.7
42.5°	464.5	515.5	570.1	627.5	679.7	720.2	753.0	781.7	808.9	839.2	871.0
40°	484.4	537.6	596.6	656.9	710.0	745.2	778.1	808.4	839.8	874.2	908.9
37.5°	503.0	560.1	621.3	684.3	732.4	768.9	802.8	836.7	871.9	908.9	952.1
35°	520.1	580.8	645.0	706.0	752.1	791.9	828.3	865.0	904.4	949.7	997.3
32.5°	536.7	599.7	667.1	724.2	770.1	812.6	852.7	894.3	939.4	989.2	1043.6
30°	553.0	618.2	686.4	742.8	786.1	829.6	876.6	922.9	973.1	1028.3	1092.2
27.5°	568.9	635.3	702.5	757.4	800.2	844.3	894.9	951.2	1006.0	1066.4	1140.5
25°	583.4	652.9	718.4	769.0	812.2	858.6	911.3	971.2	1035.7	1107.6	1198.4
22.5°	597.2	668.7	733.5	778.9	822.3	871.0	927.7	991.0	1061.1	1144.5	1255.4
20°	610.0	681.1	743.5	787.9	830.6	880.9	941.9	1008.5	1088.6	1189.6	1322.2
17.5°	621.2	691.6	750.5	795.3	839.4	891.1	954.0	1023.3	1113.4	1229.5	1386.4
15°	630.8	700.1	756.5	801.1	846.8	901.6	966.3	1041.9	1140.5	1268.5	1441.9
12.5°	638.7	706.8	761.5	805.2	852.6	909.4	976.8	1059.9	1167.6	1311.0	1516.6
10°	644.9	711.7	765.4	807.7	856.7	914.5	985.1	1073.8	1189.5	1346.6	1580.5
7.5°	650.9	716.0	768.3	808.8	859.0	917.1	990.9	1083.7	1205.6	1373.4	1631.5
5°	655.3	720.0	769.9	811.2	860.5	918.2	994.8	1089.4	1215.7	1391.0	1667.6
2.5°	657.9	722.5	769.9	813.0	860.6	918.7	999.4	1092.6	1226.8	1405.8	1688.1
0°	658.7	723.3	768.5	813.7	858.9	917.1	1001.0	1091.4	1233.5	1414.4	1692.1
-2.5°	657.9	722.5	769.9	813.0	860.6	918.7	999.4	1092.6	1226.8	1405.8	1688.1
-5°	655.3	720.0	769.9	811.2	860.5	918.2	994.8	1089.4	1215.7	1391.0	1667.6
-7.5°	650.9	716.0	768.3	808.8	859.0	917.1	990.9	1083.7	1205.6	1373.4	1631.5
-10°	644.9	711.7	765.4	807.7	856.7	914.5	985.1	1073.8	1189.5	1346.6	1580.5
-12.5°	638.7	706.8	761.5	805.2	852.6	909.4	976.8	1059.9	1167.6	1311.0	1516.6
-15°	630.8	700.1	756.5	801.1	846.8	901.6	966.3	1041.9	1140.5	1268.5	1441.9
-17.5°	621.2	691.6	750.5	795.3	839.4	891.1	954.0	1023.3	1113.4	1229.5	1386.4
-20°	610.0	681.1	743.5	787.9	830.6	880.9	941.9	1008.5	1088.6	1189.6	1322.2

Classified

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

Scaled Data Report



REPORT NUMBER: P627645 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA5C-740-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°	597.2	668.7	733.5	778.9	822.3	871.0	927.7	991.0	1061.1	1144.5	1255.4
-25°	583.4	652.9	718.4	769.0	812.2	858.6	911.3	971.2	1035.7	1107.6	1198.4
-27.5°	568.9	635.3	702.5	757.4	800.2	844.3	894.9	951.2	1006.0	1066.4	1140.5
-30°	553.0	618.2	686.4	742.8	786.1	829.6	876.6	922.9	973.1	1028.3	1092.2
-32.5°	536.7	599.7	667.1	724.2	770.1	812.6	852.7	894.3	939.4	989.2	1043.6
-35°	520.1	580.8	645.0	706.0	752.1	791.9	828.3	865.0	904.4	949.7	997.3
-37.5°	503.0	560.1	621.3	684.3	732.4	768.9	802.8	836.7	871.9	908.9	952.1
-40°	484.4	537.6	596.6	656.9	710.0	745.2	778.1	808.4	839.8	874.2	908.9
-42.5°	464.5	515.5	570.1	627.5	679.7	720.2	753.0	781.7	808.9	839.2	871.0
-45°	444.3	492.0	542.1	596.1	647.2	691.5	725.3	755.3	778.9	804.1	832.7
-47.5°	423.1	467.5	514.7	564.0	613.8	658.5	695.7	723.5	748.1	770.5	793.3
-50°	400.6	443.3	485.1	531.2	578.9	624.1	662.9	690.2	713.9	735.7	756.4
-52.5°	375.8	418.3	455.9	496.4	541.6	586.7	625.0	654.7	678.3	699.2	720.8
-55°	349.8	389.5	425.5	461.7	501.1	544.7	583.2	613.8	641.8	662.0	684.1
-57.5°	322.6	358.4	392.2	426.2	460.9	498.0	535.6	569.5	596.9	621.4	644.5
-60°	294.4	326.4	356.9	388.3	420.0	452.6	486.8	519.9	549.4	574.8	595.8
-62.5°	265.6	294.0	321.3	348.7	377.1	406.0	435.7	466.8	499.1	522.3	542.3
-65°	235.6	261.0	285.8	309.9	333.3	359.4	385.1	409.8	436.9	462.0	483.8
-67.5°	204.8	227.5	249.7	271.2	292.3	313.7	335.3	357.5	378.8	399.3	419.1
-70°	175.9	194.0	213.1	232.1	250.7	268.5	286.8	305.1	323.6	341.7	358.9
-72.5°	147.1	162.8	178.0	192.8	209.1	225.2	239.9	253.3	268.5	285.3	300.6
-75°	120.0	131.5	144.1	156.6	169.6	182.8	195.6	207.9	220.0	232.3	244.6
-77.5°	94.2	104.3	113.5	121.9	131.0	142.0	152.6	162.8	172.6	181.9	190.8
-80°	69.2	77.1	85.1	92.4	99.6	106.6	113.4	120.0	126.2	132.9	140.0
-82.5°	45.6	51.5	57.3	62.9	68.3	73.6	78.7	83.6	88.3	92.8	97.0
-85°	23.8	25.8	29.6	33.4	37.0	40.5	43.9	47.2	50.3	53.3	56.1
-87.5°	11.9	12.9	13.9	14.8	15.7	16.6	17.4	18.2	19.0	19.8	20.5
-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: P627645 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA5C-740-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°	21.1	21.8	22.3	22.9	23.4	23.8	24.2	24.6	24.9	25.2	25.4
85°	58.8	61.3	63.6	65.8	67.8	68.3	68.4	68.3	67.9	68.9	69.6
82.5°	101.0	105.6	110.2	114.7	119.1	120.8	121.9	122.8	123.3	125.0	126.5
80°	146.7	153.8	160.4	166.4	171.7	175.4	178.8	182.0	184.8	186.2	186.8
77.5°	199.7	208.4	216.6	224.1	231.0	236.5	241.0	244.6	247.3	249.1	250.3
75°	256.9	267.9	277.7	286.7	295.1	300.9	305.0	308.0	310.0	312.2	313.9
72.5°	314.5	327.0	338.6	349.6	359.2	366.0	370.7	374.5	377.4	379.6	380.6
70°	375.2	390.1	403.0	413.9	422.6	429.1	434.2	438.3	441.4	443.5	444.7
67.5°	438.0	454.0	466.0	475.6	483.4	490.3	496.5	501.2	504.3	507.4	510.7
65°	502.0	518.2	530.6	540.7	548.9	557.8	565.9	571.9	575.9	579.6	583.3
62.5°	562.1	580.6	594.8	608.1	621.6	634.2	641.6	647.4	651.4	655.0	659.2
60°	616.9	637.8	655.1	671.2	687.7	704.2	711.0	716.4	721.4	726.2	730.4
57.5°	665.4	687.5	708.7	724.6	740.4	755.9	766.5	772.4	776.3	778.5	780.3
55°	707.6	729.8	750.9	769.3	786.4	802.2	814.1	819.8	824.0	826.8	828.4
52.5°	745.5	769.2	791.8	812.2	830.6	847.7	862.5	870.4	876.8	881.3	882.8
50°	782.7	808.4	832.8	854.5	876.0	896.5	915.3	926.2	933.9	938.6	940.1
47.5°	821.5	849.3	875.8	901.0	925.4	949.7	972.0	986.9	997.9	1006.1	1011.9
45°	861.9	891.8	921.1	951.0	979.0	1010.2	1038.5	1060.2	1076.2	1090.1	1101.2
42.5°	902.5	936.2	969.8	1008.3	1046.5	1082.0	1115.7	1144.5	1170.7	1196.4	1216.4
40°	946.8	983.6	1029.6	1075.1	1122.3	1163.7	1212.8	1256.8	1297.1	1340.7	1376.7
37.5°	995.1	1042.4	1096.9	1151.5	1212.8	1272.3	1340.9	1408.4	1467.1	1543.4	1604.7
35°	1047.7	1107.7	1172.0	1245.2	1324.3	1417.7	1513.6	1626.3	1721.8	1843.1	1955.0
32.5°	1106.3	1177.0	1260.3	1361.0	1467.8	1617.7	1758.3	1949.1	2112.3	2322.8	2552.7
30°	1166.0	1257.2	1370.7	1500.6	1681.3	1894.0	2142.0	2464.7	2813.7	3174.7	3660.8
27.5°	1236.7	1355.2	1496.8	1697.5	1967.6	2262.1	2767.4	3313.1	4073.1	4674.8	5746.5
25°	1312.9	1459.5	1668.7	1959.6	2332.9	2928.9	3781.8	4769.4	6290.4	7643.3	9198.0
22.5°	1403.1	1602.2	1879.2	2260.2	2910.9	3936.2	5267.6	7295.8	9550.4	11775.7	13809.6
20°	1498.6	1739.1	2126.5	2747.0	3752.7	5235.3	7610.6	10508.8	13501.9	16551.6	19121.6
17.5°	1610.1	1936.7	2447.0	3271.2	4706.0	7244.3	10417.0	14102.1	18012.6	21904.1	25284.3
15°	1705.9	2109.4	2796.6	4031.1	6170.7	9345.7	13245.1	17899.2	22816.8	27867.2	33340.8
12.5°	1828.1	2317.7	3156.8	4659.4	7470.3	11597.0	16368.2	21771.8	27776.9	34482.5	43015.8
10°	1940.3	2536.0	3630.6	5666.1	9032.5	13700.0	19065.9	25196.6	32985.6	43062.4	53355.6
7.5°	2030.2	2709.1	3998.0	6451.6	10342.5	15496.5	21495.0	28845.3	38562.8	50562.0	62322.6
5°	2092.7	2829.2	4261.0	7045.2	11396.4	16869.6	23218.8	31535.1	43263.8	56700.8	68709.2
2.5°	2132.0	2894.9	4389.6	7397.6	12083.8	17695.8	24294.3	33244.6	46145.0	60608.5	72766.6
0°	2150.6	2906.2	4307.6	7569.0	12180.2	17637.4	24392.7	33815.3	46828.6	61669.7	73778.8
-2.5°	2132.0	2894.9	4389.6	7397.6	12083.8	17695.8	24294.3	33244.6	46145.0	60608.5	72766.6
-5°	2092.7	2829.2	4261.0	7045.2	11396.4	16869.6	23218.8	31535.1	43263.8	56700.8	68709.2
-7.5°	2030.2	2709.1	3998.0	6451.6	10342.5	15496.5	21495.0	28845.3	38562.8	50562.0	62322.6
-10°	1940.3	2536.0	3630.6	5666.1	9032.5	13700.0	19065.9	25196.6	32985.6	43062.4	53355.6
-12.5°	1828.1	2317.7	3156.8	4659.4	7470.3	11597.0	16368.2	21771.8	27776.9	34482.5	43015.8
-15°	1705.9	2109.4	2796.6	4031.1	6170.7	9345.7	13245.1	17899.2	22816.8	27867.2	33340.8
-17.5°	1610.1	1936.7	2447.0	3271.2	4706.0	7244.3	10417.0	14102.1	18012.6	21904.1	25284.3
-20°	1498.6	1739.1	2126.5	2747.0	3752.7	5235.3	7610.6	10508.8	13501.9	16551.6	19121.6

Classified

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

Scaled Data Report



REPORT NUMBER: P627645 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA5C-740-U-MR-XX

CANDELA DISTRIBUTION (continued):

	-35°	-32.5°	-30°	-27.5°	-25°	-22.5°	-20°	-17.5°	-15°	-12.5°	-10°
-22.5°	1403.1	1602.2	1879.2	2260.2	2910.9	3936.2	5267.6	7295.8	9550.4	11775.7	13809.6
-25°	1312.9	1459.5	1668.7	1959.6	2332.9	2928.9	3781.8	4769.4	6290.4	7643.3	9198.0
-27.5°	1236.7	1355.2	1496.8	1697.5	1967.6	2262.1	2767.4	3313.1	4073.1	4674.8	5746.5
-30°	1166.0	1257.2	1370.7	1500.6	1681.3	1894.0	2142.0	2464.7	2813.7	3174.7	3660.8
-32.5°	1106.3	1177.0	1260.3	1361.0	1467.8	1617.7	1758.3	1949.1	2112.3	2322.8	2552.7
-35°	1047.7	1107.7	1172.0	1245.2	1324.3	1417.7	1513.6	1626.3	1721.8	1843.1	1955.0
-37.5°	995.1	1042.4	1096.9	1151.5	1212.8	1272.3	1340.9	1408.4	1467.1	1543.4	1604.7
-40°	946.8	983.6	1029.6	1075.1	1122.3	1163.7	1212.8	1256.8	1297.1	1340.7	1376.7
-42.5°	902.5	936.2	969.8	1008.3	1046.5	1082.0	1115.7	1144.5	1170.7	1196.4	1216.4
-45°	861.9	891.8	921.1	951.0	979.0	1010.2	1038.5	1060.2	1076.2	1090.1	1101.2
-47.5°	821.5	849.3	875.8	901.0	925.4	949.7	972.0	986.9	997.9	1006.1	1011.9
-50°	782.7	808.4	832.8	854.5	876.0	896.5	915.3	926.2	933.9	938.6	940.1
-52.5°	745.5	769.2	791.8	812.2	830.6	847.7	862.5	870.4	876.8	881.3	882.8
-55°	707.6	729.8	750.9	769.3	786.4	802.2	814.1	819.8	824.0	826.8	828.4
-57.5°	665.4	687.5	708.7	724.6	740.4	755.9	766.5	772.4	776.3	778.5	780.3
-60°	616.9	637.8	655.1	671.2	687.7	704.2	711.0	716.4	721.4	726.2	730.4
-62.5°	562.1	580.6	594.8	608.1	621.6	634.2	641.6	647.4	651.4	655.0	659.2
-65°	502.0	518.2	530.6	540.7	548.9	557.8	565.9	571.9	575.9	579.6	583.3
-67.5°	438.0	454.0	466.0	475.6	483.4	490.3	496.5	501.2	504.3	507.4	510.7
-70°	375.2	390.1	403.0	413.9	422.6	429.1	434.2	438.3	441.4	443.5	444.7
-72.5°	314.5	327.0	338.6	349.6	359.2	366.0	370.7	374.5	377.4	379.6	380.6
-75°	256.9	267.9	277.7	286.7	295.1	300.9	305.0	308.0	310.0	312.2	313.9
-77.5°	199.7	208.4	216.6	224.1	231.0	236.5	241.0	244.6	247.3	249.1	250.3
-80°	146.7	153.8	160.4	166.4	171.7	175.4	178.8	182.0	184.8	186.2	186.8
-82.5°	101.0	105.6	110.2	114.7	119.1	120.8	121.9	122.8	123.3	125.0	126.5
-85°	58.8	61.3	63.6	65.8	67.8	68.3	68.4	68.3	67.9	68.9	69.6
-87.5°	21.1	21.8	22.3	22.9	23.4	23.8	24.2	24.6	24.9	25.2	25.4
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



REPORT NUMBER: P627645 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA5C-740-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°	25.6	25.7	25.8	25.8	25.8	25.7	25.6	25.4	25.2	24.9	24.6
85°	70.2	70.7	70.9	71.0	70.9	70.7	70.2	69.6	68.9	67.9	68.3
82.5°	127.7	128.5	129.0	129.2	129.0	128.5	127.7	126.5	125.0	123.3	122.8
80°	186.9	186.5	187.1	187.3	187.1	186.5	186.9	186.8	186.2	184.8	182.0
77.5°	250.8	250.7	251.6	251.9	251.6	250.7	250.8	250.3	249.1	247.3	244.6
75°	314.9	315.1	316.1	316.5	316.1	315.1	314.9	313.9	312.2	310.0	308.0
72.5°	380.6	379.5	380.6	381.0	380.6	379.5	380.6	380.6	379.6	377.4	374.5
70°	444.8	444.0	448.1	452.1	448.1	444.0	444.8	444.7	443.5	441.4	438.3
67.5°	513.1	514.4	519.0	523.1	519.0	514.4	513.1	510.7	507.4	504.3	501.2
65°	585.2	585.5	589.9	594.2	589.9	585.5	585.2	583.3	579.6	575.9	571.9
62.5°	661.7	662.5	667.2	671.7	667.2	662.5	661.7	659.2	655.0	651.4	647.4
60°	732.9	733.6	735.3	736.2	735.3	733.6	732.9	730.4	726.2	721.4	716.4
57.5°	780.8	780.1	780.8	781.4	780.8	780.1	780.8	780.3	778.5	776.3	772.4
55°	828.1	826.0	823.5	820.2	823.5	826.0	828.1	828.4	826.8	824.0	819.8
52.5°	881.6	878.1	875.1	871.9	875.1	878.1	881.6	882.8	881.3	876.8	870.4
50°	939.2	936.1	933.1	930.0	933.1	936.1	939.2	940.1	938.6	933.9	926.2
47.5°	1015.9	1017.2	1016.6	1013.9	1016.6	1017.2	1015.9	1011.9	1006.1	997.9	986.9
45°	1109.1	1112.8	1113.3	1110.8	1113.3	1112.8	1109.1	1101.2	1090.1	1076.2	1060.2
42.5°	1230.6	1238.8	1243.3	1246.4	1243.3	1238.8	1230.6	1216.4	1196.4	1170.7	1144.5
40°	1403.0	1419.6	1430.2	1440.2	1430.2	1419.6	1403.0	1376.7	1340.7	1297.1	1256.8
37.5°	1650.1	1680.4	1693.9	1685.6	1693.9	1680.4	1650.1	1604.7	1543.4	1467.1	1408.4
35°	2041.3	2098.8	2128.7	2131.2	2128.7	2098.8	2041.3	1955.0	1843.1	1721.8	1626.3
32.5°	2722.6	2840.4	2903.7	2912.7	2903.7	2840.4	2722.6	2552.7	2322.8	2112.3	1949.1
30°	4032.8	4273.2	4386.1	4359.3	4386.1	4273.2	4032.8	3660.8	3174.7	2813.7	2464.7
27.5°	6579.6	7179.1	7534.3	7562.6	7534.3	7179.1	6579.6	5746.5	4674.8	4073.1	3313.1
25°	10575.0	11598.3	12253.6	12264.2	12253.6	11598.3	10575.0	9198.0	7643.3	6290.4	4769.4
22.5°	15690.3	17087.2	17852.5	17986.2	17852.5	17087.2	15690.3	13809.6	11775.7	9550.4	7295.8
20°	21616.6	23474.9	24469.1	24470.2	24469.1	23474.9	21616.6	19121.6	16551.6	13501.9	10508.8
17.5°	28915.2	31932.5	33826.7	34642.0	33826.7	31932.5	28915.2	25284.3	21904.1	18012.6	14102.1
15°	38611.4	43681.8	46720.2	47267.8	46720.2	43681.8	38611.4	33340.8	27867.2	22816.8	17899.2
12.5°	50417.6	56834.5	61147.9	62728.8	61147.9	56834.5	50417.6	43015.8	34482.5	27776.9	21771.8
10°	62744.4	68689.9	73311.0	74863.8	73311.0	68689.9	62744.4	53355.6	43062.4	32985.6	25196.6
7.5°	71649.5	78739.3	83944.5	86230.3	83944.5	78739.3	71649.5	62322.6	50562.0	38562.8	28845.3
5°	78679.1	87068.2	91913.6	94064.1	91913.6	87068.2	78679.1	68709.2	56700.8	43263.8	31535.1
2.5°	83291.5	91580.6	96711.7	98694.7	96711.7	91580.6	83291.5	72766.6	60608.5	46145.0	33244.6
0°	85016.2	93121.2	98191.0	100612.8	98191.0	93121.2	85016.2	73778.8	61669.7	46828.6	33815.3
-2.5°	83291.5	91580.6	96711.7	98694.7	96711.7	91580.6	83291.5	72766.6	60608.5	46145.0	33244.6
-5°	78679.1	87068.2	91913.6	94064.1	91913.6	87068.2	78679.1	68709.2	56700.8	43263.8	31535.1
-7.5°	71649.5	78739.3	83944.5	86230.3	83944.5	78739.3	71649.5	62322.6	50562.0	38562.8	28845.3
-10°	62744.4	68689.9	73311.0	74863.8	73311.0	68689.9	62744.4	53355.6	43062.4	32985.6	25196.6
-12.5°	50417.6	56834.5	61147.9	62728.8	61147.9	56834.5	50417.6	43015.8	34482.5	27776.9	21771.8
-15°	38611.4	43681.8	46720.2	47267.8	46720.2	43681.8	38611.4	33340.8	27867.2	22816.8	17899.2
-17.5°	28915.2	31932.5	33826.7	34642.0	33826.7	31932.5	28915.2	25284.3	21904.1	18012.6	14102.1
-20°	21616.6	23474.9	24469.1	24470.2	24469.1	23474.9	21616.6	19121.6	16551.6	13501.9	10508.8



REPORT NUMBER: P627645 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA5C-740-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°	15690.3	17087.2	17852.5	17986.2	17852.5	17087.2	15690.3	13809.6	11775.7	9550.4	7295.8
-25°	10575.0	11598.3	12253.6	12264.2	12253.6	11598.3	10575.0	9198.0	7643.3	6290.4	4769.4
-27.5°	6579.6	7179.1	7534.3	7562.6	7534.3	7179.1	6579.6	5746.5	4674.8	4073.1	3313.1
-30°	4032.8	4273.2	4386.1	4359.3	4386.1	4273.2	4032.8	3660.8	3174.7	2813.7	2464.7
-32.5°	2722.6	2840.4	2903.7	2912.7	2903.7	2840.4	2722.6	2552.7	2322.8	2112.3	1949.1
-35°	2041.3	2098.8	2128.7	2131.2	2128.7	2098.8	2041.3	1955.0	1843.1	1721.8	1626.3
-37.5°	1650.1	1680.4	1693.9	1685.6	1693.9	1680.4	1650.1	1604.7	1543.4	1467.1	1408.4
-40°	1403.0	1419.6	1430.2	1440.2	1430.2	1419.6	1403.0	1376.7	1340.7	1297.1	1256.8
-42.5°	1230.6	1238.8	1243.3	1246.4	1243.3	1238.8	1230.6	1216.4	1196.4	1170.7	1144.5
-45°	1109.1	1112.8	1113.3	1110.8	1113.3	1112.8	1109.1	1101.2	1090.1	1076.2	1060.2
-47.5°	1015.9	1017.2	1016.6	1013.9	1016.6	1017.2	1015.9	1011.9	1006.1	997.9	986.9
-50°	939.2	936.1	933.1	930.0	933.1	936.1	939.2	940.1	938.6	933.9	926.2
-52.5°	881.6	878.1	875.1	871.9	875.1	878.1	881.6	882.8	881.3	876.8	870.4
-55°	828.1	826.0	823.5	820.2	823.5	826.0	828.1	828.4	826.8	824.0	819.8
-57.5°	780.8	780.1	780.8	781.4	780.8	780.1	780.8	780.3	778.5	776.3	772.4
-60°	732.9	733.6	735.3	736.2	735.3	733.6	732.9	730.4	726.2	721.4	716.4
-62.5°	661.7	662.5	667.2	671.7	667.2	662.5	661.7	659.2	655.0	651.4	647.4
-65°	585.2	585.5	589.9	594.2	589.9	585.5	585.2	583.3	579.6	575.9	571.9
-67.5°	513.1	514.4	519.0	523.1	519.0	514.4	513.1	510.7	507.4	504.3	501.2
-70°	444.8	444.0	448.1	452.1	448.1	444.0	444.8	444.7	443.5	441.4	438.3
-72.5°	380.6	379.5	380.6	381.0	380.6	379.5	380.6	380.6	379.6	377.4	374.5
-75°	314.9	315.1	316.1	316.5	316.1	315.1	314.9	313.9	312.2	310.0	308.0
-77.5°	250.8	250.7	251.6	251.9	251.6	250.7	250.8	250.3	249.1	247.3	244.6
-80°	186.9	186.5	187.1	187.3	187.1	186.5	186.9	186.8	186.2	184.8	182.0
-82.5°	127.7	128.5	129.0	129.2	129.0	128.5	127.7	126.5	125.0	123.3	122.8
-85°	70.2	70.7	70.9	71.0	70.9	70.7	70.2	69.6	68.9	67.9	68.3
-87.5°	25.6	25.7	25.8	25.8	25.8	25.7	25.6	25.4	25.2	24.9	24.6
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



REPORT NUMBER: P627645 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA5C-740-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°	24.2	23.8	23.4	22.9	22.3	21.8	21.1	20.5	19.8	19.0	18.2
85°	68.4	68.3	67.8	65.8	63.6	61.3	58.8	56.1	53.3	50.3	47.2
82.5°	121.9	120.8	119.1	114.7	110.2	105.6	101.0	97.0	92.8	88.3	83.6
80°	178.8	175.4	171.7	166.4	160.4	153.8	146.7	140.0	132.9	126.2	120.0
77.5°	241.0	236.5	231.0	224.1	216.6	208.4	199.7	190.8	181.9	172.6	162.8
75°	305.0	300.9	295.1	286.7	277.7	267.9	256.9	244.6	232.3	220.0	207.9
72.5°	370.7	366.0	359.2	349.6	338.6	327.0	314.5	300.6	285.3	268.5	253.3
70°	434.2	429.1	422.6	413.9	403.0	390.1	375.2	358.9	341.7	323.6	305.1
67.5°	496.5	490.3	483.4	475.6	466.0	454.0	438.0	419.1	399.3	378.8	357.5
65°	565.9	557.8	548.9	540.7	530.6	518.2	502.0	483.8	462.0	436.9	409.8
62.5°	641.6	634.2	621.6	608.1	594.8	580.6	562.1	542.3	522.3	499.1	466.8
60°	711.0	704.2	687.7	671.2	655.1	637.8	616.9	595.8	574.8	549.4	519.9
57.5°	766.5	755.9	740.4	724.6	708.7	687.5	665.4	644.5	621.4	596.9	569.5
55°	814.1	802.2	786.4	769.3	750.9	729.8	707.6	684.1	662.0	641.8	613.8
52.5°	862.5	847.7	830.6	812.2	791.8	769.2	745.5	720.8	699.2	678.3	654.7
50°	915.3	896.5	876.0	854.5	832.8	808.4	782.7	756.4	735.7	713.9	690.2
47.5°	972.0	949.7	925.4	901.0	875.8	849.3	821.5	793.3	770.5	748.1	723.5
45°	1038.5	1010.2	979.0	951.0	921.1	891.8	861.9	832.7	804.1	778.9	755.3
42.5°	1115.7	1082.0	1046.5	1008.3	969.8	936.2	902.5	871.0	839.2	808.9	781.7
40°	1212.8	1163.7	1122.3	1075.1	1029.6	983.6	946.8	908.9	874.2	839.8	808.4
37.5°	1340.9	1272.3	1212.8	1151.5	1096.9	1042.4	995.1	952.1	908.9	871.9	836.7
35°	1513.6	1417.7	1324.3	1245.2	1172.0	1107.7	1047.7	997.3	949.7	904.4	865.0
32.5°	1758.3	1617.7	1467.8	1361.0	1260.3	1177.0	1106.3	1043.6	989.2	939.4	894.3
30°	2142.0	1894.0	1681.3	1500.6	1370.7	1257.2	1166.0	1092.2	1028.3	973.1	922.9
27.5°	2767.4	2262.1	1967.6	1697.5	1496.8	1355.2	1236.7	1140.5	1066.4	1006.0	951.2
25°	3781.8	2928.9	2332.9	1959.6	1668.7	1459.5	1312.9	1198.4	1107.6	1035.7	971.2
22.5°	5267.6	3936.2	2910.9	2260.2	1879.2	1602.2	1403.1	1255.4	1144.5	1061.1	991.0
20°	7610.6	5235.3	3752.7	2747.0	2126.5	1739.1	1498.6	1322.2	1189.6	1088.6	1008.5
17.5°	10417.0	7244.3	4706.0	3271.2	2447.0	1936.7	1610.1	1386.4	1229.5	1113.4	1023.3
15°	13245.1	9345.7	6170.7	4031.1	2796.6	2109.4	1705.9	1441.9	1268.5	1140.5	1041.9
12.5°	16368.2	11597.0	7470.3	4659.4	3156.8	2317.7	1828.1	1516.6	1311.0	1167.6	1059.9
10°	19065.9	13700.0	9032.5	5666.1	3630.6	2536.0	1940.3	1580.5	1346.6	1189.5	1073.8
7.5°	21495.0	15496.5	10342.5	6451.6	3998.0	2709.1	2030.2	1631.5	1373.4	1205.6	1083.7
5°	23218.8	16869.6	11396.4	7045.2	4261.0	2829.2	2092.7	1667.6	1391.0	1215.7	1089.4
2.5°	24294.3	17695.8	12083.8	7397.6	4389.6	2894.9	2132.0	1688.1	1405.8	1226.8	1092.6
0°	24392.7	17637.4	12180.2	7569.0	4307.6	2906.2	2150.6	1692.1	1414.4	1233.5	1091.4
-2.5°	24294.3	17695.8	12083.8	7397.6	4389.6	2894.9	2132.0	1688.1	1405.8	1226.8	1092.6
-5°	23218.8	16869.6	11396.4	7045.2	4261.0	2829.2	2092.7	1667.6	1391.0	1215.7	1089.4
-7.5°	21495.0	15496.5	10342.5	6451.6	3998.0	2709.1	2030.2	1631.5	1373.4	1205.6	1083.7
-10°	19065.9	13700.0	9032.5	5666.1	3630.6	2536.0	1940.3	1580.5	1346.6	1189.5	1073.8
-12.5°	16368.2	11597.0	7470.3	4659.4	3156.8	2317.7	1828.1	1516.6	1311.0	1167.6	1059.9
-15°	13245.1	9345.7	6170.7	4031.1	2796.6	2109.4	1705.9	1441.9	1268.5	1140.5	1041.9
-17.5°	10417.0	7244.3	4706.0	3271.2	2447.0	1936.7	1610.1	1386.4	1229.5	1113.4	1023.3
-20°	7610.6	5235.3	3752.7	2747.0	2126.5	1739.1	1498.6	1322.2	1189.6	1088.6	1008.5

Classified

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

Scaled Data Report



REPORT NUMBER: P627645 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA5C-740-U-MR-XX

CANDELA DISTRIBUTION (continued):

	20°	22.5°	25°	27.5°	30°	32.5°	35°	37.5°	40°	42.5°	45°
-22.5°	5267.6	3936.2	2910.9	2260.2	1879.2	1602.2	1403.1	1255.4	1144.5	1061.1	991.0
-25°	3781.8	2928.9	2332.9	1959.6	1668.7	1459.5	1312.9	1198.4	1107.6	1035.7	971.2
-27.5°	2767.4	2262.1	1967.6	1697.5	1496.8	1355.2	1236.7	1140.5	1066.4	1006.0	951.2
-30°	2142.0	1894.0	1681.3	1500.6	1370.7	1257.2	1166.0	1092.2	1028.3	973.1	922.9
-32.5°	1758.3	1617.7	1467.8	1361.0	1260.3	1177.0	1106.3	1043.6	989.2	939.4	894.3
-35°	1513.6	1417.7	1324.3	1245.2	1172.0	1107.7	1047.7	997.3	949.7	904.4	865.0
-37.5°	1340.9	1272.3	1212.8	1151.5	1096.9	1042.4	995.1	952.1	908.9	871.9	836.7
-40°	1212.8	1163.7	1122.3	1075.1	1029.6	983.6	946.8	908.9	874.2	839.8	808.4
-42.5°	1115.7	1082.0	1046.5	1008.3	969.8	936.2	902.5	871.0	839.2	808.9	781.7
-45°	1038.5	1010.2	979.0	951.0	921.1	891.8	861.9	832.7	804.1	778.9	755.3
-47.5°	972.0	949.7	925.4	901.0	875.8	849.3	821.5	793.3	770.5	748.1	723.5
-50°	915.3	896.5	876.0	854.5	832.8	808.4	782.7	756.4	735.7	713.9	690.2
-52.5°	862.5	847.7	830.6	812.2	791.8	769.2	745.5	720.8	699.2	678.3	654.7
-55°	814.1	802.2	786.4	769.3	750.9	729.8	707.6	684.1	662.0	641.8	613.8
-57.5°	766.5	755.9	740.4	724.6	708.7	687.5	665.4	644.5	621.4	596.9	569.5
-60°	711.0	704.2	687.7	671.2	655.1	637.8	616.9	595.8	574.8	549.4	519.9
-62.5°	641.6	634.2	621.6	608.1	594.8	580.6	562.1	542.3	522.3	499.1	466.8
-65°	565.9	557.8	548.9	540.7	530.6	518.2	502.0	483.8	462.0	436.9	409.8
-67.5°	496.5	490.3	483.4	475.6	466.0	454.0	438.0	419.1	399.3	378.8	357.5
-70°	434.2	429.1	422.6	413.9	403.0	390.1	375.2	358.9	341.7	323.6	305.1
-72.5°	370.7	366.0	359.2	349.6	338.6	327.0	314.5	300.6	285.3	268.5	253.3
-75°	305.0	300.9	295.1	286.7	277.7	267.9	256.9	244.6	232.3	220.0	207.9
-77.5°	241.0	236.5	231.0	224.1	216.6	208.4	199.7	190.8	181.9	172.6	162.8
-80°	178.8	175.4	171.7	166.4	160.4	153.8	146.7	140.0	132.9	126.2	120.0
-82.5°	121.9	120.8	119.1	114.7	110.2	105.6	101.0	97.0	92.8	88.3	83.6
-85°	68.4	68.3	67.8	65.8	63.6	61.3	58.8	56.1	53.3	50.3	47.2
-87.5°	24.2	23.8	23.4	22.9	22.3	21.8	21.1	20.5	19.8	19.0	18.2
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



REPORT NUMBER: P627645 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA5C-740-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°	17.4	16.6	15.7	14.8	13.9	12.9	11.9	10.9	9.9	8.8	7.8
85°	43.9	40.5	37.0	33.4	29.6	25.8	23.8	21.8	19.7	17.6	15.5
82.5°	78.7	73.6	68.3	62.9	57.3	51.5	45.6	39.5	33.1	26.9	23.2
80°	113.4	106.6	99.6	92.4	85.1	77.1	69.2	61.0	51.9	43.3	35.0
77.5°	152.6	142.0	131.0	121.9	113.5	104.3	94.2	82.9	70.6	59.4	48.7
75°	195.6	182.8	169.6	156.6	144.1	131.5	120.0	106.8	91.3	75.7	62.3
72.5°	239.9	225.2	209.1	192.8	178.0	162.8	147.1	130.3	112.7	94.7	76.5
70°	286.8	268.5	250.7	232.1	213.1	194.0	175.9	155.7	133.7	113.5	93.0
67.5°	335.3	313.7	292.3	271.2	249.7	227.5	204.8	181.2	156.8	132.0	109.2
65°	385.1	359.4	333.3	309.9	285.8	261.0	235.6	206.9	179.4	152.2	125.2
62.5°	435.7	406.0	377.1	348.7	321.3	294.0	265.6	233.3	201.9	172.0	142.0
60°	486.8	452.6	420.0	388.3	356.9	326.4	294.4	259.0	224.7	191.4	159.0
57.5°	535.6	498.0	460.9	426.2	392.2	358.4	322.6	284.4	246.7	210.6	175.5
55°	583.2	544.7	501.1	461.7	425.5	389.5	349.8	309.4	268.2	229.2	191.6
52.5°	625.0	586.7	541.6	496.4	455.9	418.3	375.8	333.6	290.0	247.1	207.2
50°	662.9	624.1	578.9	531.2	485.1	443.3	400.6	356.0	311.1	264.7	222.4
47.5°	695.7	658.5	613.8	564.0	514.7	467.5	423.1	377.2	331.5	282.8	237.0
45°	725.3	691.5	647.2	596.1	542.1	492.0	444.3	397.3	349.4	300.2	251.0
42.5°	753.0	720.2	679.7	627.5	570.1	515.5	464.5	415.7	366.3	316.8	264.9
40°	778.1	745.2	710.0	656.9	596.6	537.6	484.4	433.1	382.2	331.9	278.5
37.5°	802.8	768.9	732.4	684.3	621.3	560.1	503.0	449.6	397.4	345.4	291.3
35°	828.3	791.9	752.1	706.0	645.0	580.8	520.1	465.0	411.7	358.1	303.1
32.5°	852.7	812.6	770.1	724.2	667.1	599.7	536.7	480.1	425.1	369.9	314.1
30°	876.6	829.6	786.1	742.8	686.4	618.2	553.0	494.0	437.6	380.9	324.1
27.5°	894.9	844.3	800.2	757.4	702.5	635.3	568.9	506.9	449.1	391.0	332.9
25°	911.3	858.6	812.2	769.0	718.4	652.9	583.4	518.7	459.5	400.3	340.9
22.5°	927.7	871.0	822.3	778.9	733.5	668.7	597.2	530.5	469.0	408.6	348.1
20°	941.9	880.9	830.6	787.9	743.5	681.1	610.0	541.0	477.4	415.9	354.5
17.5°	954.0	891.1	839.4	795.3	750.5	691.6	621.2	550.1	484.6	422.3	360.0
15°	966.3	901.6	846.8	801.1	756.5	700.1	630.8	557.9	490.8	427.8	365.1
12.5°	976.8	909.4	852.6	805.2	761.5	706.8	638.7	564.2	495.9	432.8	370.0
10°	985.1	914.5	856.7	807.7	765.4	711.7	644.9	570.2	501.9	437.4	373.9
7.5°	990.9	917.1	859.0	808.8	768.3	716.0	650.9	576.7	507.2	441.0	377.0
5°	994.8	918.2	860.5	811.2	769.9	720.0	655.3	581.8	511.5	443.5	379.2
2.5°	999.4	918.7	860.6	813.0	769.9	722.5	657.9	585.5	514.7	445.1	380.6
0°	1001.0	917.1	858.9	813.7	768.5	723.3	658.7	587.7	516.7	445.6	381.0
-2.5°	999.4	918.7	860.6	813.0	769.9	722.5	657.9	585.5	514.7	445.1	380.6
-5°	994.8	918.2	860.5	811.2	769.9	720.0	655.3	581.8	511.5	443.5	379.2
-7.5°	990.9	917.1	859.0	808.8	768.3	716.0	650.9	576.7	507.2	441.0	377.0
-10°	985.1	914.5	856.7	807.7	765.4	711.7	644.9	570.2	501.9	437.4	373.9
-12.5°	976.8	909.4	852.6	805.2	761.5	706.8	638.7	564.2	495.9	432.8	370.0
-15°	966.3	901.6	846.8	801.1	756.5	700.1	630.8	557.9	490.8	427.8	365.1
-17.5°	954.0	891.1	839.4	795.3	750.5	691.6	621.2	550.1	484.6	422.3	360.0
-20°	941.9	880.9	830.6	787.9	743.5	681.1	610.0	541.0	477.4	415.9	354.5

Classified

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

Scaled Data Report



REPORT NUMBER: P627645 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA5C-740-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°	927.7	871.0	822.3	778.9	733.5	668.7	597.2	530.5	469.0	408.6	348.1
-25°	911.3	858.6	812.2	769.0	718.4	652.9	583.4	518.7	459.5	400.3	340.9
-27.5°	894.9	844.3	800.2	757.4	702.5	635.3	568.9	506.9	449.1	391.0	332.9
-30°	876.6	829.6	786.1	742.8	686.4	618.2	553.0	494.0	437.6	380.9	324.1
-32.5°	852.7	812.6	770.1	724.2	667.1	599.7	536.7	480.1	425.1	369.9	314.1
-35°	828.3	791.9	752.1	706.0	645.0	580.8	520.1	465.0	411.7	358.1	303.1
-37.5°	802.8	768.9	732.4	684.3	621.3	560.1	503.0	449.6	397.4	345.4	291.3
-40°	778.1	745.2	710.0	656.9	596.6	537.6	484.4	433.1	382.2	331.9	278.5
-42.5°	753.0	720.2	679.7	627.5	570.1	515.5	464.5	415.7	366.3	316.8	264.9
-45°	725.3	691.5	647.2	596.1	542.1	492.0	444.3	397.3	349.4	300.2	251.0
-47.5°	695.7	658.5	613.8	564.0	514.7	467.5	423.1	377.2	331.5	282.8	237.0
-50°	662.9	624.1	578.9	531.2	485.1	443.3	400.6	356.0	311.1	264.7	222.4
-52.5°	625.0	586.7	541.6	496.4	455.9	418.3	375.8	333.6	290.0	247.1	207.2
-55°	583.2	544.7	501.1	461.7	425.5	389.5	349.8	309.4	268.2	229.2	191.6
-57.5°	535.6	498.0	460.9	426.2	392.2	358.4	322.6	284.4	246.7	210.6	175.5
-60°	486.8	452.6	420.0	388.3	356.9	326.4	294.4	259.0	224.7	191.4	159.0
-62.5°	435.7	406.0	377.1	348.7	321.3	294.0	265.6	233.3	201.9	172.0	142.0
-65°	385.1	359.4	333.3	309.9	285.8	261.0	235.6	206.9	179.4	152.2	125.2
-67.5°	335.3	313.7	292.3	271.2	249.7	227.5	204.8	181.2	156.8	132.0	109.2
-70°	286.8	268.5	250.7	232.1	213.1	194.0	175.9	155.7	133.7	113.5	93.0
-72.5°	239.9	225.2	209.1	192.8	178.0	162.8	147.1	130.3	112.7	94.7	76.5
-75°	195.6	182.8	169.6	156.6	144.1	131.5	120.0	106.8	91.3	75.7	62.3
-77.5°	152.6	142.0	131.0	121.9	113.5	104.3	94.2	82.9	70.6	59.4	48.7
-80°	113.4	106.6	99.6	92.4	85.1	77.1	69.2	61.0	51.9	43.3	35.0
-82.5°	78.7	73.6	68.3	62.9	57.3	51.5	45.6	39.5	33.1	26.9	23.2
-85°	43.9	40.5	37.0	33.4	29.6	25.8	23.8	21.8	19.7	17.6	15.5
-87.5°	17.4	16.6	15.7	14.8	13.9	12.9	11.9	10.9	9.9	8.8	7.8
-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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Scaled Data Report



REPORT NUMBER: P627645 (CONVERTED FROM TYPE C PHOTOMETRY)
CATALOG NUMBER: GFLD-SA5C-740-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°	6.7	5.6	4.5	3.4	2.2	1.1	0.0
85°	13.3	11.2	8.9	6.7	4.5	2.2	0.0
82.5°	20.0	16.7	13.4	10.1	6.7	3.4	0.0
80°	27.2	22.2	17.8	13.4	8.9	4.5	0.0
77.5°	38.7	29.1	22.2	16.7	11.2	5.6	0.0
75°	50.0	38.7	27.2	20.0	13.3	6.7	0.0
72.5°	61.3	48.1	34.7	23.2	15.5	7.8	0.0
70°	72.8	57.4	42.2	26.9	17.6	8.8	0.0
67.5°	86.9	66.5	49.5	32.4	19.7	9.9	0.0
65°	100.8	76.8	56.7	37.8	21.8	10.9	0.0
62.5°	114.4	88.1	63.8	43.1	23.8	11.9	0.0
60°	127.7	99.2	70.7	48.3	25.8	12.9	0.0
57.5°	141.6	110.1	79.2	53.3	29.1	13.9	0.0
55°	155.3	120.6	87.7	58.2	32.4	14.8	0.0
52.5°	168.4	130.9	95.9	63.0	35.6	15.7	0.0
50°	181.0	141.3	103.8	67.6	38.7	16.6	0.0
47.5°	193.1	151.3	111.4	72.4	41.6	17.4	0.0
45°	205.1	160.8	118.8	77.9	44.5	18.2	0.0
42.5°	216.5	169.8	125.8	83.2	47.2	19.0	0.0
40°	227.5	178.3	132.6	88.1	49.8	19.8	0.0
37.5°	237.8	186.3	139.0	92.8	52.3	20.5	0.0
35°	247.6	194.2	145.1	97.1	54.6	21.1	0.0
32.5°	256.8	201.8	150.7	101.1	56.8	21.8	0.0
30°	265.6	208.9	155.9	104.7	58.9	22.3	0.0
27.5°	273.6	215.5	160.6	108.1	60.8	22.9	0.0
25°	280.8	221.4	165.0	111.1	62.5	23.4	0.0
22.5°	287.2	226.8	169.0	113.7	64.1	23.8	0.0
20°	292.9	231.5	172.7	116.0	65.5	24.2	0.0
17.5°	298.0	235.5	176.0	118.0	66.8	24.6	0.0
15°	302.7	238.9	178.9	119.7	67.9	24.9	0.0
12.5°	306.8	241.5	181.4	121.0	68.9	25.2	0.0
10°	310.2	243.6	183.5	122.0	69.6	25.4	0.0
7.5°	312.9	244.9	185.1	122.6	70.2	25.6	0.0
5°	314.9	245.7	186.3	123.0	70.7	25.7	0.0
2.5°	316.1	245.8	187.1	123.0	70.9	25.8	0.0
0°	316.5	245.4	187.3	122.7	71.0	25.8	0.0
-2.5°	316.1	245.8	187.1	123.0	70.9	25.8	0.0
-5°	314.9	245.7	186.3	123.0	70.7	25.7	0.0
-7.5°	312.9	244.9	185.1	122.6	70.2	25.6	0.0
-10°	310.2	243.6	183.5	122.0	69.6	25.4	0.0
-12.5°	306.8	241.5	181.4	121.0	68.9	25.2	0.0
-15°	302.7	238.9	178.9	119.7	67.9	24.9	0.0
-17.5°	298.0	235.5	176.0	118.0	66.8	24.6	0.0
-20°	292.9	231.5	172.7	116.0	65.5	24.2	0.0

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REPORT NUMBER: P627645 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA5C-740-U-MR-XX

CANDELA DISTRIBUTION (continued):

	75°	77.5°	80°	82.5°	85°	87.5°	90°
-22.5°	287.2	226.8	169.0	113.7	64.1	23.8	0.0
-25°	280.8	221.4	165.0	111.1	62.5	23.4	0.0
-27.5°	273.6	215.5	160.6	108.1	60.8	22.9	0.0
-30°	265.6	208.9	155.9	104.7	58.9	22.3	0.0
-32.5°	256.8	201.8	150.7	101.1	56.8	21.8	0.0
-35°	247.6	194.2	145.1	97.1	54.6	21.1	0.0
-37.5°	237.8	186.3	139.0	92.8	52.3	20.5	0.0
-40°	227.5	178.3	132.6	88.1	49.8	19.8	0.0
-42.5°	216.5	169.8	125.8	83.2	47.2	19.0	0.0
-45°	205.1	160.8	118.8	77.9	44.5	18.2	0.0
-47.5°	193.1	151.3	111.4	72.4	41.6	17.4	0.0
-50°	181.0	141.3	103.8	67.6	38.7	16.6	0.0
-52.5°	168.4	130.9	95.9	63.0	35.6	15.7	0.0
-55°	155.3	120.6	87.7	58.2	32.4	14.8	0.0
-57.5°	141.6	110.1	79.2	53.3	29.1	13.9	0.0
-60°	127.7	99.2	70.7	48.3	25.8	12.9	0.0
-62.5°	114.4	88.1	63.8	43.1	23.8	11.9	0.0
-65°	100.8	76.8	56.7	37.8	21.8	10.9	0.0
-67.5°	86.9	66.5	49.5	32.4	19.7	9.9	0.0
-70°	72.8	57.4	42.2	26.9	17.6	8.8	0.0
-72.5°	61.3	48.1	34.7	23.2	15.5	7.8	0.0
-75°	50.0	38.7	27.2	20.0	13.3	6.7	0.0
-77.5°	38.7	29.1	22.2	16.7	11.2	5.6	0.0
-80°	27.2	22.2	17.8	13.4	8.9	4.5	0.0
-82.5°	20.0	16.7	13.4	10.1	6.7	3.4	0.0
-85°	13.3	11.2	8.9	6.7	4.5	2.2	0.0
-87.5°	6.7	5.6	4.5	3.4	2.2	1.1	0.0
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0

(END OF REPORT)