



APPROVALS®

## Certificate of Approval

**Certificate No.:** SAA-152247-EA

**Certificate Holder:** Shenzhen Ledfriend Optoelectronics Co., Ltd.  
Floor 3, Building B, LaiZhen Industrial Area,  
Xinmei Industrial Area, GuangMing Street,  
GuangMing New District, 518107 ShenZhen,  
GuangDong  
P.R. China

**Class Description:** Power Supply or Charger  
**Product Description:** LED Driver  
**Brand Name:** LIFUD  
**Model No.:** LF-GIR020YDxxxxxy Series  
**Markings:** Input: 100-240V~ 50/60Hz 0.3A  
Output: 27-42Vdc, Max 55Vdc, 350-525mA  
ta:50°C tc:80°C  
**Standard:** AS/NZS IEC 61347.2.13:2013  
AS/NZS 61347.1:2002  
**Conditions:** Nil

**Approval Mark:** SAA-152247-EA or RCM

**Date First Registered:** 5 November 2015  
**Date of Expiry:** 5 November 2020

For and on Behalf of  
SAA Approvals Pty Ltd

SAA Approvals Pty Ltd as accredited by JAS-ANZ under ISO/IEC 17065 certifies in accordance with the SAA Approvals Electrical Product Safety Certification Scheme that the product nominated in this certificate complies with standard/s listed.

When using the RCM the requirements of all relevant parts of AS/NZS 4417 applicable to the article must be fulfilled.

For SAA Contact Details and to verify this Certificate go to:  
[www.saaapprovals.com.au](http://www.saaapprovals.com.au)

JAS-ANZ



[www.jas-anz.org/register](http://www.jas-anz.org/register)



Issued: 05-11-15 152247/1



APPROVALS®

## Certificate of Approval

### \*Addendum\*

**Certificate No.:** SAA-152247-EA

**Date of Issue:** 5 November 2015

**Class Description:** Power Supply or Charger  
**Product Description:** LED Driver

**General Modification:**

For LF-GIR020YDxxxxy Series:

'xxxx' denotes output current and can be '0350-0525' for 350-525mA in steps of 5mA; and  
'y' denotes series number and can be 'A-Z'.

**Additional Models**

LF-GIR020YKxxxxy Series

LF-GIR020YJxxxxy Series

LF-GIR020YIxxxxy Series

LF-GIR030YDxxxxy Series

LF-GIR030YKxxxxy Series

**Description**

Similar to LF-GIR020YDxxxxy Series except for different PCB layout and enclosure.

Similar to LF-GIR020YDxxxxy Series except for different transformer and rated:

Input: 220-240V~ 50/60Hz 0.3A

Output: 27-42Vdc, Max 55Vdc, 350-525mA

ta:50°C tc:80°C

Similar to LF-GIR020YDxxxxy Series except for different transformer, PCB layout, enclosure and rated:

Input: 220-240V~ 50/60Hz 0.3A

Output: 27-42Vdc, Max 55Vdc, 350-525mA

ta:50°C tc:80°C

Similar to LF-GIR020YDxxxxy Series except for different PCB layout, enclosure, where:

'xxxx' denotes output current and can be '0500-0750' in steps of 5mA

and rated:

Input: 100-240V~ 50/60Hz 0.7A

Output: 27-42Vdc, Max 55Vdc 500-750mA

ta:50°C tc:80°C

Similar to LF-GIR030YDxxxxy Series except for different PCB layout, enclosure and rated:

Input: 100-240V~ 50/60Hz 0.7A

Output: 27-42Vdc, Max 55Vdc, 500-750mA

ta:50°C tc:90°C

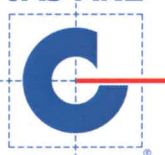
For and on Behalf of  
SAA Approvals Pty Ltd

SAA Approvals Pty Ltd as accredited by JAS-ANZ under ISO/IEC 17065 certifies in accordance with the SAA Approvals Electrical Product Safety Certification Scheme that the product nominated in this certificate complies with standard/s listed.

When using the RCM the requirements of all relevant parts of AS/NZS 4417 applicable to the article must be fulfilled.

For SAA Contact Details and to verify this Certificate go to:  
[www.saaapprovals.com.au](http://www.saaapprovals.com.au)

JAS-ANZ



[www.jas-anz.org/register](http://www.jas-anz.org/register)



Issued: 09-11-15 152247/2a  
Certificate information corrected





APPROVALS®

## Certificate of Approval

### \*Addendum\*

**Certificate No.:** SAA-152247-EA

**Date of Issue:** 5 November 2015

**Class Description:** Power Supply or Charger  
**Product Description:** LED Driver

#### Additional Models

LF-GIR030YJxxxxy Series

#### Description

Similar to LF-GIR030YDxxxxy Series except rated:

Input: 220-240V~ 50/60Hz 0.35A  
Output: 27-42Vdc, Max 55Vdc 500-750mA  
ta:50°C tc:80°C

LF-GIR030YIxxxxy Series

Similar to LF-GIR030YKxxxxy Series except rated:

Input: 220-240V~ 50/60Hz 0.35A  
Output: 27-42Vdc, Max 55Vdc 500-750mA  
ta:50°C tc:90°C

LF-GIR040YJ1000y Series

Similar to LF-GIR020YDxxxxy Series except for different PCB layout, enclosure and rated:

Input: 220-240V~ 50/60Hz 0.4A  
Output: 27-40Vdc, Max 55Vdc, 1000mA  
ta:50°C tc:80°C

LF-GIR040YJxxxxy Series

Similar to LF-GIR040YJ1000y Series except where:

'xxxx' denotes output current and can be '0700-0950' for 700-950mA in steps of 5mA and rated:

Input: 220-240V~ 50/60Hz 0.4A  
Output: 27-42Vdc, Max 55Vdc, 700-950mA  
ta:50°C tc:80°C

LF-GIR040YI1000y Series

Similar to LF-GIR040YJ1000y Series except for different PCB layout and enclosure.

LF-GIR040YIxxxxy Series

Similar to LF-GIR040YJxxxxy Series except different PCB layout and enclosure.

LF-GIR040YDxxxxy Series

Similar to LF-GIR040YIxxxxy Series except for different PCB layout, enclosure, transformer, where:

'xxxx' denotes output current and can be '0700-1050' for 700-1050mA in steps of 5mA and rated:

Input: 100-240V~ 50/60Hz 0.7A  
Output: 27-42Vdc, Max 55Vdc, 700-1050mA  
ta:50°C tc:85°C

For and on Behalf of  
SAA Approvals Pty Ltd

SAA Approvals Pty Ltd as accredited by JAS-ANZ under ISO/IEC 17065 certifies in accordance with the SAA Approvals Electrical Product Safety Certification Scheme that the product nominated in this certificate complies with standard/s listed.

When using the RCM the requirements of all relevant parts of AS/NZS 4417 applicable to the article must be fulfilled.

For SAA Contact Details and to verify this Certificate go to:  
[www.saaapprovals.com.au](http://www.saaapprovals.com.au)

JAS-ANZ



[www.jas-anz.org/register](http://www.jas-anz.org/register)



Issued: 09-11-15 152247/3a  
Certificate information corrected



A P P R O V A L S ®

# Certificate of Approval

## \*Addendum\*

**Certificate No.:** SAA-152247-EA

**Date of Issue:** 5 November 2015

**Class Description:** Power Supply or Charger  
**Product Description:** LED Driver

### Additional Models

LF-GIR040YKxxxxy Series  
LF-GIR050YJxxxxy Series

### Description

Similar to LF-GIR040YDxxxxy Series except for different PCB layout and enclosure.  
Similar to LF-GIR020YDxxxxy Series except for different PCB layout, enclosure, transformer, where:

'xxxx' denotes output current and can be '0800-1200' for 800-1200mA in steps of 5mA and rated:

Input: 220-240V~ 50/60Hz 0.5A

Output: 27-42Vdc, Max 55Vdc, 800-1200mA

ta:50°C tc:85°C

LF-GIR050YJ1300y Series

Similar to LF-GIR050YJxxxxy Series except rated:

Input: 220-240V~ 50/60Hz 0.5A

Output: 27-40Vdc, Max 55Vdc, 1300mA

ta:50°C tc:90°C

LF-GIR050YIxxxxy Series

Similar to LF-GIR050YJxxxxy Series except different PCB layout and enclosure.

LF-GIR050YI1300y Series

Similar to LF-GIR050YJ1300y Series except different PCB layout and enclosure.

LF-GIR050YDxxxxy Series

Similar to LF-GIR050YJxxxxy Series except for different PCB layout, enclosure, transformer, where:

'xxxx' denotes output current and can be '0800-1300' for 800-1300mA in steps of 5mA and rated:

Input: 100-240V~ 50/60Hz 0.75A

Output: 27-42Vdc, Max 55Vdc, 800-1300mA

ta:50°C tc:85°C

LF-GIR050YKxxxxy Series

Similar to LF-GIR050YDxxxxy Series except for different PCB layout, enclosure and rated:

Input: 100-240V~ 50/60Hz 0.75A

Output: 27-42Vdc, Max 55Vdc, 800-1300mA

ta:50°C tc:90°C

For and on Behalf of  
SAA Approvals Pty Ltd

SAA Approvals Pty Ltd as accredited by JAS-ANZ under ISO/IEC 17065 certifies in accordance with the SAA Approvals Electrical Product Safety Certification Scheme that the product nominated in this certificate complies with standard/s listed.

When using the RCM the requirements of all relevant parts of AS/NZS 4417 applicable to the article must be fulfilled.

For SAA Contact Details and to verify this Certificate go to:  
[www.saaapprovals.com.au](http://www.saaapprovals.com.au)

JAS-ANZ



[www.jas-anz.org/register](http://www.jas-anz.org/register)



Issued: 09-11-15 152247/4b  
Ratings corrected





# Certificate of Approval

## \*Addendum\*

**Certificate No.:** SAA-152247-EA

**Date of Issue:** 5 November 2015

**Class Description:** Power Supply or Charger  
**Product Description:** LED Driver

### Additional Models

LF-GIR060YJxxxxy Series

### Description

Similar to LF-GIR020YDxxxxy Series except for different PCB layout, enclosure, transformer, where:

'xxxx' denotes output current and can be '1000-1500' for 1000-1500mA in steps of 5mA and rated:

Input: 220-240V~ 50/60Hz 0.5A

Output: 27-42Vdc, Max 55Vdc, 1000-1500mA

ta:50°C tc:85°C

LF-GIR060YIxxxxy Series

Similar to LF-GIR060YJxxxxy Series except for different PCB layout, enclosure and rated:

Input: 220-240V~ 50/60Hz 0.5A

Output: 27-42Vdc, Max 55Vdc, 1000-1500mA

ta:50°C tc:80°C

LF-GDE023YF(S)xxxxy Series

Similar to LF-GIR020YDxxxxy Series except for different PCB layout, enclosure, transformer, PWM dimming, where:

'xxxx' denotes output current and can be '0300-0550' for 300-550mA in steps of 5mA and rated:

Input: 100-240V~ 50/60Hz 0.3A

Output: 27-42Vdc, Max 55Vdc, 300-550mA

ta:50°C tc:70°C

LF-GDE023YFxxxxy Series

Similar to LF-GDE023YF(S)xxxxy Series except for DALI dimming.

LF-GDE030YFxxxxy Series

Similar to LF-GDE023YF(S)xxxxy Series except for PCB layout, enclosure, transformer and rated:

Input: 100-240V~ 50/60Hz 0.5A

Output: 27-42Vdc, Max 55Vdc, Max 550-750mA

ta:50°C tc:80°C

LF-GDE030YF(S)xxxxy Series

Similar to LF-GDE030YFxxxxy Series except for DALI dimming.

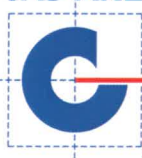
For and on Behalf of  
SAA Approvals Pty Ltd

SAA Approvals Pty Ltd as accredited by JAS-ANZ under ISO/IEC 17065 certifies in accordance with the SAA Approvals Electrical Product Safety Certification Scheme that the product nominated in this certificate complies with standard/s listed.

When using the RCM the requirements of all relevant parts of AS/NZS 4417 applicable to the article must be fulfilled.

For SAA Contact Details and to verify this Certificate go to:  
[www.saaapprovals.com.au](http://www.saaapprovals.com.au)

JAS-ANZ



[www.jas-anz.org/register](http://www.jas-anz.org/register)



Issued: 09-11-15 152247/5a  
Certificate information corrected



A P P R O V A L S ®

## Certificate of Approval

### \*Addendum\*

**Certificate No.:** SAA-152247-EA

**Date of Issue:** 5 November 2015

**Class Description:** Power Supply or Charger  
**Product Description:** LED Driver

#### Additional Models

LF-GDE042YFxxxxy Series

#### Description

Similar to LF-GDE023YF(S)xxxxy Series except for different PCB layout, enclosure, transformer, where:  
'xxxx' denotes output current and can be '0800-1000' for 800-1000mA in steps of 5mA and rated:

Input: 100-240V~ 50/60Hz 0.6A

Output: 27-42Vdc, Max 55Vdc, 800-1000mA

ta:50°C tc:80°C

LF-GDE042YF(S)xxxxy Series

Similar to LF-GDE042YFxxxxy Series except for DALI dimming.

LF-GDE042YF1050y Series

Similar to LF-GDE042YFxxxxy Series except rated:

Input: 100-240V~ 50/60Hz 0.6A

Output: 27-40Vdc, Max 55Vdc, 1050mA

ta:50°C tc:80°C

LF-GDE042YF(S)1050y Series

Similar to LF-GDE042YF1050y Series except for DALI dimming.

LF-GDE060YFxxxxy Series

Similar to LF-GDE023YF(S)xxxxy Series except for different PCB layout, enclosure, transformer, where:

'xxxx' denotes output current and can be '1100-1500' for 1100-1500mA in steps of 5mA and rated:

Input: 100-240V~ 50/60Hz 1.0A

Output: 27-42Vdc, Max 55Vdc, 1100-1500mA

ta:50°C tc:85°C

LF-GDE060YF(S)xxxxy Series

Similar to LF-GDE060YFxxxxy Series except for DALI dimming.

For and on Behalf of  
SAA Approvals Pty Ltd

SAA Approvals Pty Ltd as accredited by JAS-ANZ under ISO/IEC 17065 certifies in accordance with the SAA Approvals Electrical Product Safety Certification Scheme that the product nominated in this certificate complies with standard/s listed.

When using the RCM the requirements of all relevant parts of AS/NZS 4417 applicable to the article must be fulfilled.

For SAA Contact Details and to verify this Certificate go to:  
[www.saaapprovals.com.au](http://www.saaapprovals.com.au)

JAS-ANZ



[www.jas-anz.org/register](http://www.jas-anz.org/register)



Issued: 09-11-15 152247/6a  
Certificate information corrected