# Блок питания
# ARJ-LK25350
(9W, 350mA, PFC)

## Feature

- 90-264VAC(50/60Hz) Input, comply with alternating current input range all over the world;
- Isolated, non-dimmable driver;
- Hight efficiency, hight PF, good steady;
- short circuit/over load/over current protection;
- cooling by free air convection;
- 100% full load burn-in test;
- Class Ⅱ/ independent, Class Ⅱ constant current type;
- IP20/ degree of protection IP20;
- CE, TUV, SAA approved;
- suitable for LED lighting, ceiling light, down light and panel light;

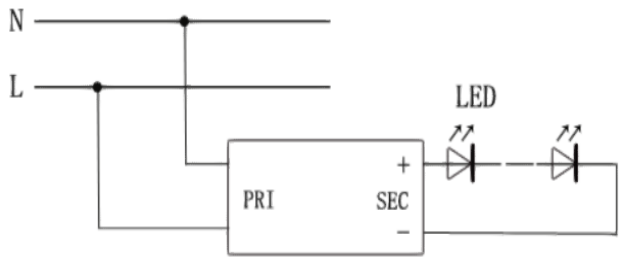
## Specification

| Model | | ARJ-LK25350 |
|---|---|---|
| Output | Rated voltage | 25V |
| | No-load Voltage | 34V |
| | DC voltage range | 10-25V |
| | DC current range | 330-350mA |
| | Current precision | (+/-)5% |
| | Rated power | 9W |
| | Ripple wave | ≤5% |
| | Setup Time | ≤0.5s/230VAC |
| Input | AC Voltage range | 90-264V |
| | Frequency | 50/60hz |
| | THD | ≤15.7%/230VAC |
| | Power factor | 0.936/230VAC |
| Environment Requirements | Operating Temp./RH | -30～+50℃/20～95% |
| | Storage Temp./RH | -40～+80℃/10～95% |
| | Certificate | SAA, TUV, CE |
| | Safety standard | EN 61347-2-13:2006<br>EN 61347-1/A2:2013 |
| | EMC compliance | EN 62493:2010 |
| | Withstand voltage | 3750V |
| | Size | 69x33x22mm |
| | Net weight | 39g |

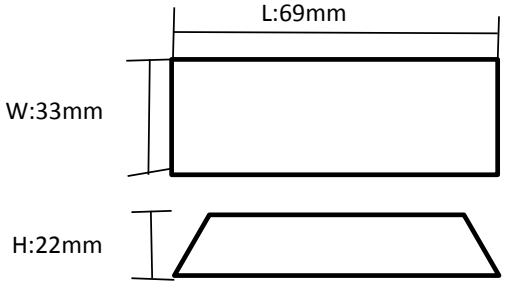
## Test data

| Input voltage ( Vac) | Input power ( W) | Input current ( mA) | PF | Output voltage ( Vdc) | Output current ( mA) | Output Power ( W ) | Efficiency (%) |
|---|---|---|---|---|---|---|---|
| 90 | 6. 35 | 71. 41 | 0. 988 | 15. 00 | 331 | 4. 97 | 78% |
| | 8. 98 | 100. 58 | 0. 992 | 10. 00 | 616 | 6. 16 | 69% |
| | 10. 52 | 117. 48 | 0. 995 | 25. 00 | 331 | 8. 28 | 79% |
| 180 | 10. 16 | 58. 37 | 0. 967 | 25. 00 | 333 | 8. 33 | 82% |
| | 8. 21 | 47. 71 | 0. 956 | 20. 00 | 335 | 6. 70 | 82% |
| | 8. 00 | 46. 54 | 0. 955 | 9. 00 | 629 | 5. 66 | 71% |
| 230 | 8. 11 | 38. 33 | 0. 920 | 9. 00 | 629 | 5. 66 | 70% |
| | 8. 29 | 39. 31 | 0. 917 | 20. 00 | 337 | 6. 74 | 81% |
| | 10. 24 | 47. 57 | 0. 936 | 25. 00 | 337 | 8. 43 | 82% |
| 264 | 6. 53 | 29. 24 | 0. 846 | 15. 00 | 335 | 5. 03 | 77% |
| | 8. 40 | 36. 08 | 0. 882 | 20. 00 | 337 | 6. 74 | 80% |
| | 6. 66 | 29. 16 | 0. 865 | 10. 00 | 631 | 6. 31 | 95% |

Product Connection Diagram




Install Size Diagram




Note:

1. All parameters NOT specially mentioned are measured at 230VAC input, rated load and 25 of ambient temperature;
2. The LED driver is considered as a component that will be operated in combination with final equipment. Since EMC performance will be affected by the complete installation, the final equipment manufacturers must re-qualify EMC Directive on the complete installation again.
3. Direct connecting to LEDs is suggested, but is not suitable for using additional drivers.
4. To fulfill requirements of the latest ErP regulation for lighting fixtures, this LED power supply can only be used behind a switch