

# USER GUIDE

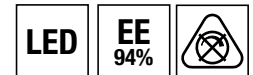
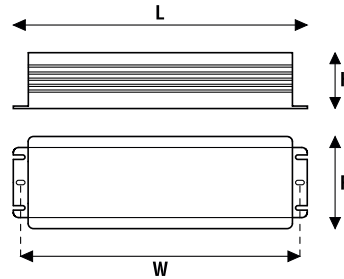
LE7524IP67, LE10024IP67, LE15024IP67,  
LE20024IP67, LE24024IP67, LE32024IP67



www.lef-lighting.it

## General Characteristics

Aluminum case  
Driver for external use  
Electric class protection I  
Protection degree IP67  
Completely sealed electronic board  
H05RN-F and/or H07RN-F cables lenght 300mm



| CODICE<br>CODE | Tensione<br>di ingresso<br>Input voltage<br>(Vac) | Frequenza<br>di rete<br>Input frequency<br>(Hz) | Potenza<br>di uscita<br>Output power<br>(W) |         | Tensione<br>di uscita<br>Output voltage<br>(Vdc) | Corrente<br>di uscita<br>Output current<br>(mA) |       | PFC<br>(λ) | CC<br>CV | Dimensioni<br>Dimensions<br>(mm) |    |    |     | Peso<br>Weight<br>(g) |
|----------------|---------------------------------------------------|-------------------------------------------------|---------------------------------------------|---------|--------------------------------------------------|-------------------------------------------------|-------|------------|----------|----------------------------------|----|----|-----|-----------------------|
|                |                                                   |                                                 | @110Vac                                     | @230Vac |                                                  | @110V                                           | @230V |            |          | L                                | P  | H  | W   |                       |
| LE7524IP67     | 110-240                                           | 50÷60                                           | 56                                          | 75      | 24V                                              | 2333                                            | 3125  | 0,95       | CV       | 186                              | 64 | 39 | 174 | 480                   |
| LE10024IP67    |                                                   |                                                 | 80                                          | 100     |                                                  | 3340                                            | 4170  |            |          | 191                              | 58 | 32 | 181 | 620                   |
| LE15024IP67    |                                                   |                                                 | 120                                         | 150     |                                                  | 5000                                            | 6250  |            |          | 191                              | 58 | 32 | 181 | 620                   |
| LE20024IP67    |                                                   |                                                 | 160                                         | 200     |                                                  | 6670                                            | 8340  |            |          | 191                              | 58 | 32 | 181 | 620                   |
| LE24024IP67    |                                                   |                                                 | 192                                         | 240     |                                                  | 8000                                            | 10000 |            |          | 250                              | 58 | 32 | 237 | 820                   |
| LE32024IP67    |                                                   |                                                 | 256                                         | 320     |                                                  | 10670                                           | 13340 |            |          | 300                              | 58 | 32 | 287 | 1000                  |

www.lef-lighting.it

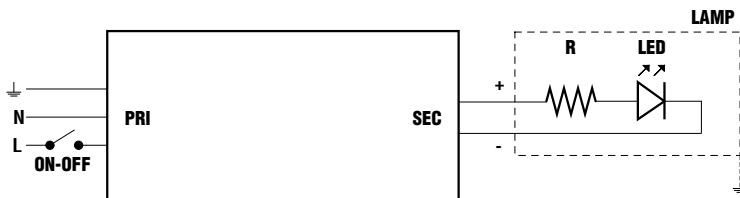
**LED Driver Constant Voltage**  
Suitable for dry or damp locations

**LE32024IP67** Ⓢ  
PRI: 200-240VAC 50/60Hz 1,8A  
200-280VDC 1,8A  
SEC: 24V=, 0-13,34A, Max.320W  
PRI: 100-200VAC 50/60Hz 2,9A  
140-200VDC 2,9A  
SEC: 24V=, 0-10,67A, Max.256W  
λ: 0,95 t<sub>amb</sub> = -40...50°C t<sub>c</sub> = 90°C

SELV IP67 Made in P.R.C.

SEC: 24V =  
V-(RED) Ⓢ  
V-(BLACK) Ⓢ

## Wiring diagram



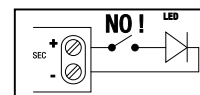
## Technical Feature

Input voltage range 110-240Vac  
Input frequency 50÷60Hz  
Input voltage range 140-280Vdc  
Input frequency 0Hz  
**Constant voltage output 24Vdc**  
Open circuit protection (OCP)  
Overload protection (OLP)  
Short circuit protection (SCP)  
Protection against overtemperature (OTP)\*  
Protection against overvoltage (OVP)\*  
Power factor correction (PFC) λ ≥ 0,95  
Operating ambient temperature Ta -20°C ÷ +50°C (LE75424IP67)  
Operating ambient temperature Ta -40°C ÷ +50°C  
Max case temperature on Tc:  
- 80°C (LE7524IP67)  
- 90°C

## Reference Standards

EN 55015  
EN 61000-3-2  
EN 61000-3-3  
EN 61347-1  
EN 61347-2-13  
EN 61547

| CODICE<br>CODE | Efficienza<br>Energetica<br>Efficiency<br>(%) |
|----------------|-----------------------------------------------|
| LE7524IP67     | 87                                            |
| LE10024IP67    | 90                                            |
| LE15024IP67    | 92                                            |
| LE20024IP67    | 92                                            |
| LE24024IP67    | 92                                            |
| LE32024IP67    | 94                                            |



## N.B.

Power supply not suitable for  
no-load operation.

## ATTENTION:

The installation of the product must be  
followed by qualified personnel.  
If the product is used for purposes other  
than the original ones or if it is connected  
incorrectly, LEF Lighting S.R.L. will not  
accept any responsibility for damages caused.



PRODUCT TO BE DISPOSED  
DIFFERENTLY FROM URBAN WASTE  
AEE identification nr.IT18040000010321



LEF LIGHTING S.R.L. | www.lef-lighting.it

Viale L.Ariosto 478/480 - 50019 Sesto Fiorentino (FI) - ITALY | Tel +39 055 421 77 27 - Fax +39 055 4217719