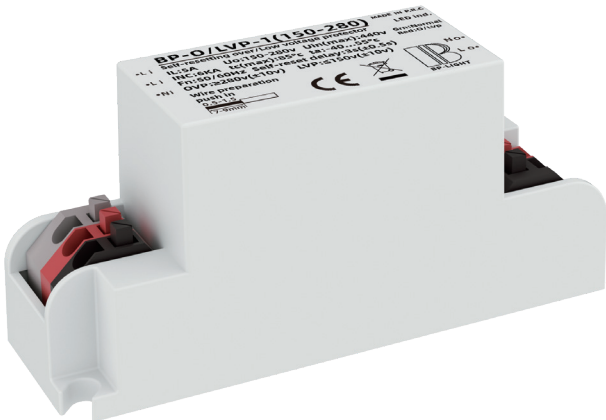


# BP-O/LVP-1(150-280V)



## Features

|                                               |
|-----------------------------------------------|
| Input Voltage Range: 0-440V                   |
| Output Voltage range: 150-280Vac              |
| OVP: disconnected when mains voltage>280Vac   |
| LVP: disconnected when mains voltage<150Vac   |
| Anti-flickering from mains voltage spikes(3s) |
| Soft start for lower inrush current           |
| Protection: L-N                               |
| OVP/LVP indicator indicator                   |
| Series installation                           |
| Terminal version ≤1.5 <sup>2</sup>            |
| Suitable for Class I and II luminare          |

## Description

BP-O/LVP-1 (150-280) protector, protects LED drivers for garden lights, street lights, pole lights, tunnel lights, floodlights, venue lights, airport lights, terminal lights, explosion-proof lights, industrial and factory lights, and other applications, providing overvoltage protection and undervoltage protection. Overvoltage protectors can protect LED drivers from high voltage damage, even in extreme situations where the input voltage can reach up to 440Vac. Built in low-voltage protector to protect LED drivers from damage caused by low-voltage overcurrent. The built-in soft start will greatly limit the inrush current of the LED driver during startup and greatly increase the number of MCBs of the LED driver.

| Environment |      |              |        | Specification         |    |        |           |        |                              |
|-------------|------|--------------|--------|-----------------------|----|--------|-----------|--------|------------------------------|
| Item        | Min  | Typ          | Max    | Item                  | Un | Min    | Typ       | Max    | Comment                      |
| Ta:         | -40℃ | 55℃          |        | Input Voltage:        | Un | 0Vac   |           | 440Vac |                              |
| Tc:         |      | 85℃          |        | Output Voltage:       | Un | 150Vac |           | 280Vac |                              |
| Life:       |      | 100,000hours | 75℃ Tc | Frequency:            | fn | 47 Hz  |           | 63 Hz  |                              |
| Storage:    | -40℃ | 85℃          |        | Load Current:         |    |        |           | 5A     |                              |
|             |      |              |        | Protection Class:     |    |        | Class III |        |                              |
|             |      |              |        | Protection mode:      |    |        | CM, DM    |        |                              |
|             |      |              |        | Earthing Systems:     |    |        | TN        |        |                              |
|             |      |              |        | O/L voltage indicator |    |        | Yes       |        | GRN: Normal<br>RED: abnormal |
|             |      |              |        | IP                    |    |        | IP20      |        |                              |
|             |      |              |        | Luminaire             |    |        | I, II     |        |                              |

## Dimensions And Weight

|                                       |          |
|---------------------------------------|----------|
| Product Weight[g]                     | 49       |
| Packaging Dimensions (L X W X H) [Mm] | 72*22*34 |

