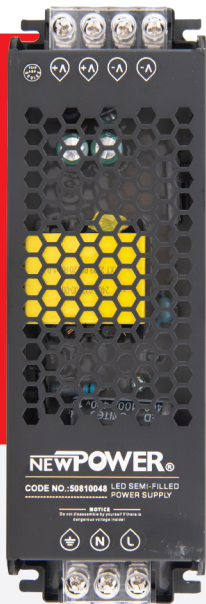# Drivers
Data Sheet

NEWPOWER®

ITEM NO: 50810048
DRIVER 48V - 100 W
IP 20

Areas of application:
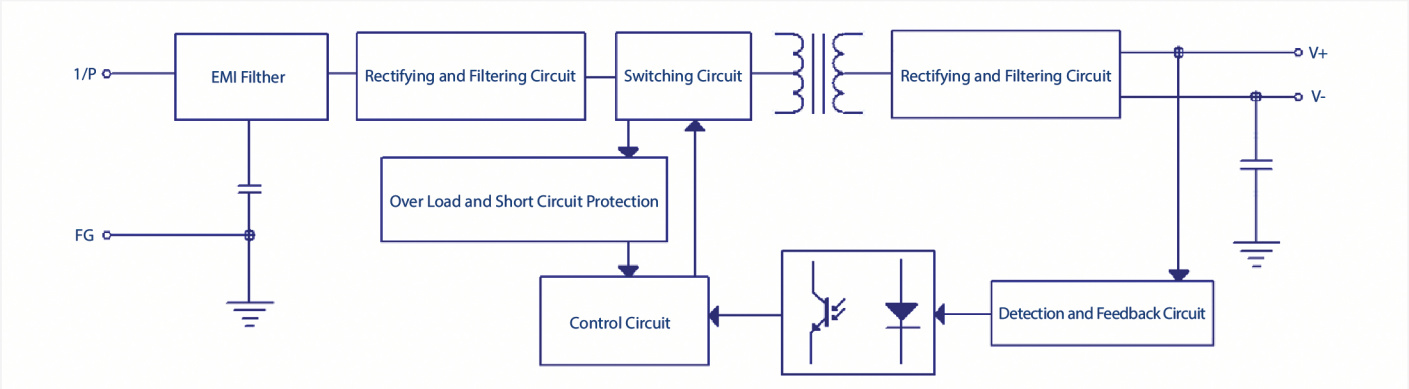
> General indoor illumination
> Decorative illumination
> Private living areas

Features:

> Aluminum Casing
> Ultra-light and easy to install
> High efficiency up to 85%
> High reliability
> Wide input Voltage 180 ~ 264Vac
> Ambient Temperature (Ta) (-30～60°c)
> Protection Characteristics:
  - Overload Protection: 110%～150% of rated load.
  - Short Circuit Protection: Protection Type: Hiccup mode, Auto-recovery

CAPTION	THE VALUE
Rated Power	100W
Rated Output Voltage	48V
Output Current	0～2.08A
Typical Efficiency	86%
Rated Lifetime	15000 h
Ambient Temperature	-30～60°c
Setup and Rise Time	1.5 S / 50mS(max)
Dimension	W61 L192 H30 mm
Dimming	NO

UNIT PARTS DIAGRAM

1/P — EMI Filther — Rectifying and Filtering Circuit — Switching Circuit — Rectifying and Filtering Circuit — V+ / V-

FG

Over Load and Short Circuit Protection

Control Circuit — Detection and Feedback Circuit

IP 20

Ta -30～60°c

Apartment | Supermarket | Retail Store | Office | Hotel | School | Hospital

Suggested Installation Areas