

► Features

- Intelligent Dimming
- Turner for Each Lamp
- IR/Voice Sensitive Control
- Temperature Protection
- Constant Lumen Control
- Various Dimming Methods
- IP67 Waterproof

► Applications

- Street Lights
& Tunnel Lights



Multi-function Controller



DALI Controller



Power Line Carrier Controller



Dimming Controller with
Timing/Light Control



RS485 Controller

Indoor Type 1 Form
Constant Current

Indoor Built-out
Constant Current

Indoor Built-out
Constant Voltage

Outdoor Single-terminal
Constant Current

Outdoor Single-terminal
Constant Voltage

Outdoor Two-terminal
Constant Current

Indoor Built-out
Constant Voltage



► Features

- Customized Dimming Control Scheme
- Wide Dimming Voltage Range: 0V-10V
- Soft Start Function
- Accurate Time Control
- Waterproof (IP67)

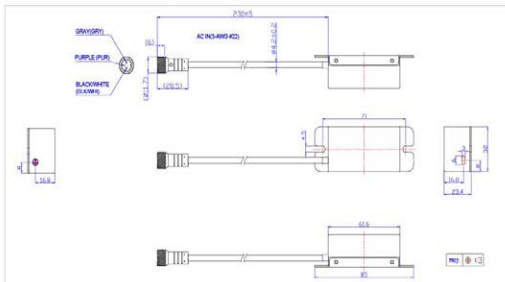
► Applications

- Intelligent control for street Light, tunnel lights, garden lights, landscape lights

Electrical Properties	
Input Voltage	11.4~20V
Output Voltage Range	0-10V
Output Current	+2mA/-10mA
Time Tolerance	±5%

Environmental Specifications	
Operating Temperature	-35~70°C
Storage Temperature	-40~85°C
Operating Humidity	10%~100% RH
Storage Humidity	5%~100% RH

► Mechanical Outline (unit:mm)



Indoor Open Frame
Constant Current

Indoor Built-out
Constant Current

Indoor Built-out
Constant Voltage

Outdoor Single-chamber
Constant Current

Outdoor Single-chamber
Constant Voltage

Outdoor Multi-chamber
Constant Current

Intelligent
Control System



► Features

- Convert DALI Signal to 0-10V Dimming Signal
- Comply with DALI Protocol
- DALI Slave
- On/OFF Control for LED Lamp

► Applications

- LED Light Intelligent Control

Electrical Properties

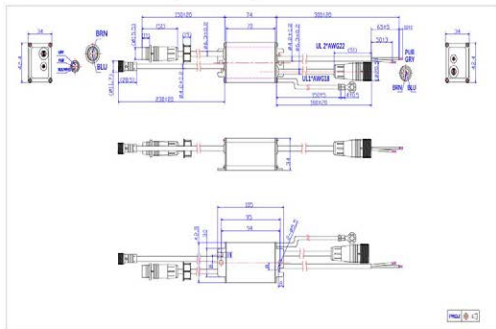
Auxiliary Input Voltage	11.4~16 V
Input Current	20 mA
Dimming Output Voltage Range	0-10V
Dimming Output Current	+5mA/ 10mA
MTBF	300,000 hours Ta=25°C
Dimensions (L×W×H)	74×42.4×34 (mm)

Operating Temperature	-40~60°C
Storage Temperature	-40~85°C
Operating Humidity	10%~100% RH
Storage Humidity	5%~100% RH

► Model Specification

Model	Max. Input Voltage	Max Input Current
WDS-ADFN0	80 V	5 A
WDS-ADFN1	500 V	2 A

► Mechanical Outline (unit:mm)



Indoor Type 0-10V
Constant Current

Indoor Built-in
Constant Current

Indoor Built-in
Constant Voltage

Outdoor Single-channel
Constant Current

Outdoor Single-channel
Constant Voltage

Outdoor Multi-channel
Constant Current

Indoor
Constant Voltage



► Features

- Convert PLC signal to 0-10V dimming signal
- PLC (Power Line Carrier) Slave
- On/OFF Control for LED Driver
- 10KV Surge Protection
- Input Line OVP
- Turn on AC Output near zero cross point

► Applications

- LED Light Intelligent Control

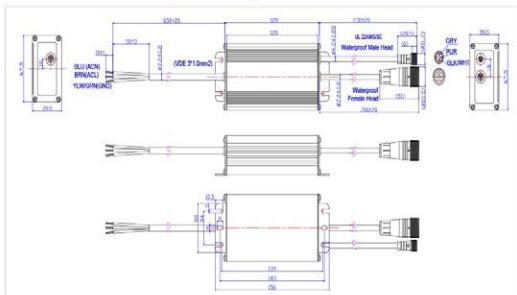
Electrical Properties	
Input Voltage	90-305 Vac
Input Frequency	47~63 Hz
Input AC Current	4 A
Modulation Scheme	BPSK
Carrier Center Frequency	132 kHz
Communication Rate	5500 BPS
Receiving Sensitivity	-60 dBV
Dimming Output Voltage Range	0-10V
Dimming Output Current	+5mA/ 10mA
Over Voltage Protection	350 Vac (typ.)
Over Voltage Recovery	330 Vac (typ.)
MTBF	300,000 hours Ta=25°C
Life Time	50,000 hours Ta=45°C
Dimensions (L×W×H)	129×67.5×39.5 (mm)

Environmental Specifications	
Operating Temperature	-40~70°C
Storage Temperature	-40~85°C
Operating Humidity	10%~100% RH
Storage Humidity	5%~100% RH

► Model Specification

Model	Max. Input Voltage	Max Input Current
WUD-APFN	305 Vac	4 A

► Mechanical Outline (unit:mm)





► Features

- Convert RS485 Signal to 0~10V Dimming Signal
- RS485 Slave
- On/OFF Control for LED Driver
- 10KV Surge Protection
- Input Line OVP
- Turn on AC Output Near Zero Cross Point

► Applications

- LED Light Intelligent Control

Electrical Properties	
Input Voltage	90-305 Vac
Input Frequency	47~63 Hz
Input AC Current	4 A
Output Current	250 mA
RS485 Logic 0 Input	-6~-0.2 V
RS485 Logic 1 input	0.2~6 V
RS485 Logic 0 output	-5~-2 V
RS485 Logic 1 output	2~5V
Dimming Output Voltage Range	0-10V
Dimming Output Current	+5mA/-10mA
Over Voltage Protection	350 Vac(tpy.)
Over Voltage Recovery	330 Vac(tpy.)
MTBF	300,000 hours Ta=25°C
Life Time	50,000 hours Ta=45°C
Dimensions (L×W×H)	129×67.5×39.5 (mm)

Environmental Specifications	
Operating Temperature	-40~70°C
Storage Temperature	-40~85°C
Operating Humidity	10%~100% RH
Storage Humidity	5%~100% RH

► Model Specification

Model	Max Input Voltage	Max Input Current	Control Interface
WUD-ARFN	305 Vac	4 A	RS485

► Mechanical Outline (unit:mm)

