



**LED Dimmable Driver  
Lighting Control System**



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There might be differences between the pictures herein and real products.



## New Chance

Thanks to the dramatic growth in sales, Euchips is urged to expand, starting with its second modern factory in Suzhou.

This new factory covers an area of 12 acres, will be mainly for LED driver production on large scales.

The Shanghai factory will continue to function for lighting controllers, system accessories and etc.

With improved volume and flexibility of manufacturing, the intimate coordination of the two factories will be continuously providing quality, efficiency and satisfaction to old and new customers.

## Culture

### Mission Statement :

Command each lamp and all the lights to save energy and make them shining with charms of artistry.

### Expectation(s) in our perspectives:

To create a unique experience for users and a successful opportunity for employees

### Our Industrial Culture and Management Philosophy:

Keeping innovative thinking in mind and strive for outstanding products and services

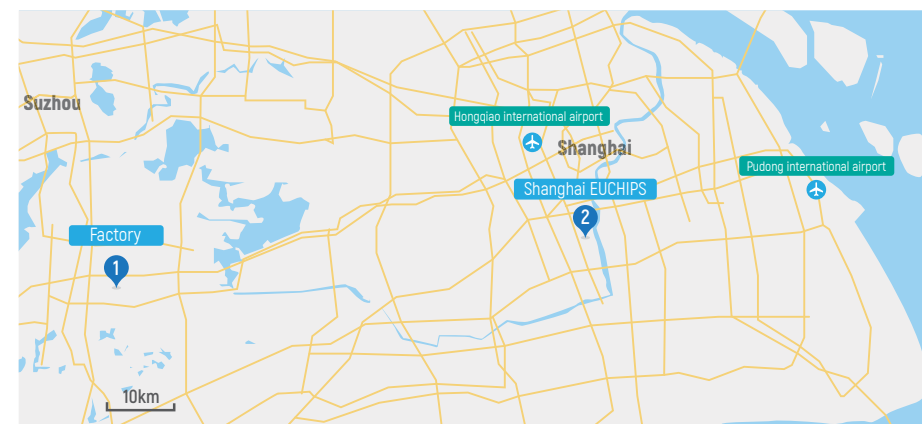
### Our Concept of Values:

To undertake employment responsibilities for the society and create a successful environment for employees

### Our Spirit:

Innovation, Honesty, Equality, and Responsibility

Be innovative, diligent, professional, pragmatic, responsible and pursuing mutual benefit and win-win situation



## COMPANY INTRODUCTION

Euchips was first established in 2005, has devoted in lighting control products and systems for 15 years. After years of development, Euchips It is a national high-tech enterprise (Certificate No.:GR201831000716) .

Euchips always focuses on the innovation and development. Our professional and experienced R&D team accounts for over 20% of the whole company employees. Euchips has achieved over 80 patents, and also been awarded National High-Tech Enterprise in 2015, one of the TOP 10 Intelligent Lighting Brand in 2016 and outstanding cooperation of Shanghai Lighting Technology. Nowadays The products have obtained certifications with CE-LVD, CE-EMC, CB, ENEC, SAA, 3C etc., and they have been exported to over 90 countries and regions.

Euchips offers a full range of lighting control product portfolios including DALI, 0-10V, Triac, DMX512, wireless & smart drivers, dimmers and control systems. Our slogan is 'Universal compatibility, None-flickering', Our product are widely used in hotels, bars and night clubs, residential areas, commercial buildings, offices around the world.

# Development History



**2021**  
accumulate energy and wait for action , work hard to press ahead , we invite

**2020**  
· Set up South China Product Experience Center of Shanghai Euchips

**2019**  
The distributors are covered in the majoy cities in China

**2018**  
· <Intelligent LED Dimmable Drivers> has been accredited by Shanghai new and high-technology transformation achievements. No.: 001014418000357  
· Join DALI2.0

**2017**  
· Won Alighting "Excellent Technology Award"  
· R&D Centers in Shenzhen, Zhuhai, Suzhou

**2016**  
· Became a member of KNX manufacturer  
· Won China 2016 Intelligent Building Brand Adward

**2015**  
· High-Tech Enterprise Certificates

**2013**  
· Partnership with WANDA

**2012**  
· 'Smart Phase-Cut' launched leading the market  
· Government STCSM Funding  
· Enter DALI Organization

**2010**  
· ODM DMX controllers for PHILIPS.

**2008**  
· Renamed as Shanghai Euchips Industrial Co., Ltd  
· DMX System

**2005**  
· In June,Euchips established



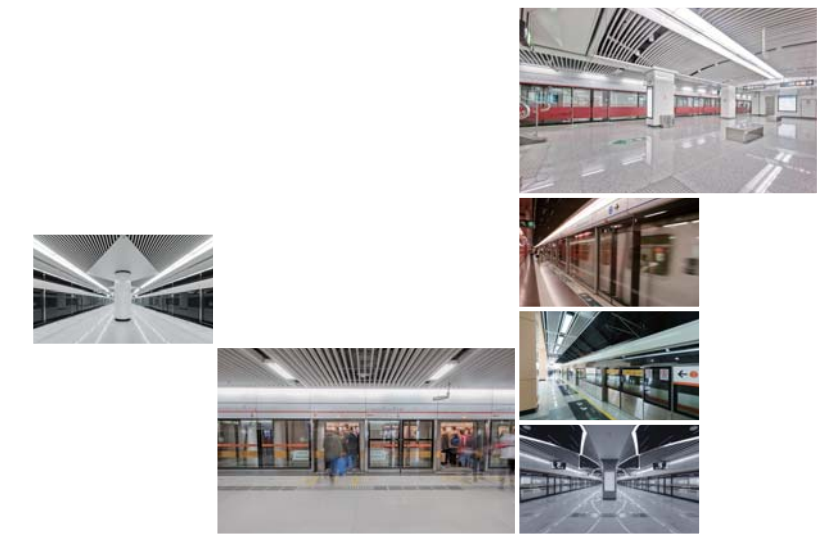
# Subway Intelligent lighting

Introduction

SHENZHEN	HANGZHOU	HEFEI	NINGBO
Line 5	Line 4	Line 3	Line 3
Line 8	Line 5	Line 4	Line 4
Line 9	Hanglin Line		
Gangxia Line			

Shijiazhuang	Fuoshan	Guangzhou
Line 2	Line 2	Line 11
Line 3		



# Production Line



Euchips has professional production team with complete SMT lines, advanced high speed chip mounter , soldering and test equipment , automatic production , to maintain consistency in production ; we strictly control the quality inspection from raw material to finished product.



1. Universal Auto Insert Machine: Components automatically inserted to PCB, accurate and efficient.



2. Screen Printing Auto Screen Printer: Solder Paste printed to PCB automatically.



3. 4 JUKI SMT Machines  
2 panasonic NPM high speed SMT machines



4. total 10 burning testers to burn every products



5. Automatic AOI visual inspection, which ensures every material properly used, material and PCB welding spot no lack of tin, insufficient solder and solder skips.



6. Two dip lines with six ATE testers

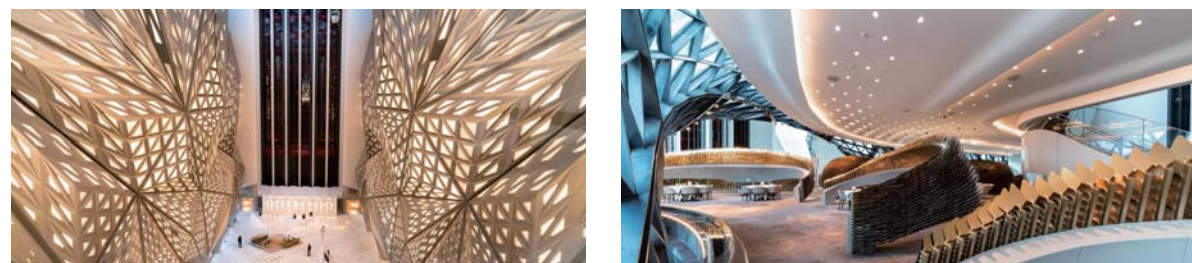
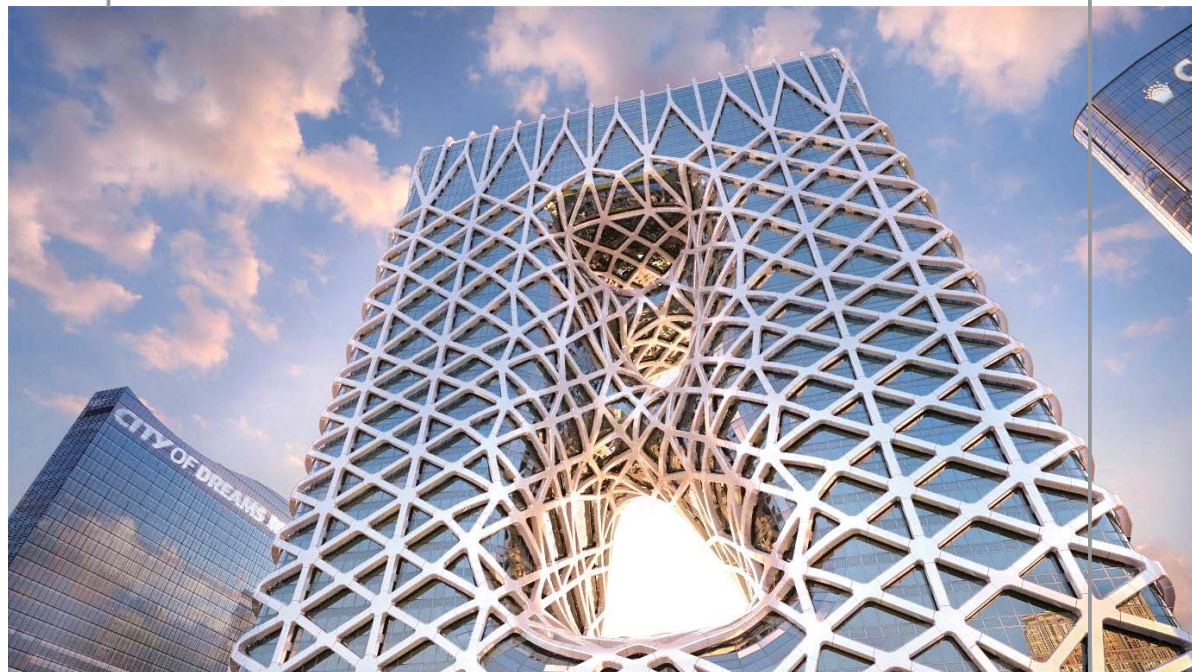
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# Project References

# Project References

## Morpheus luxury | City of Dreams Macau



**Products:** EUP40T-1H12V/24V-0 (6531pcs)  
EUP75T-1H12V/24V-0 (3371pcs)  
EUP150T-1H12V/24V-0 (6022pcs)

**Quantites:** Totally 15,924pcs



EUP40T-1H12V/24V-0      EUP75T-1H12V/24V-0      EUP150T-1H12V/24V-0



## Canton East Tower | Guangzhou, China

**Products:** EUP40A-1W24V-1 (5230pcs)  
EUP75A-1H24V-1 (2792pcs)  
EUP150A-1W24V-1 (3265pcs)  
EUP300A-1H24V-1WP (716pcs)

**Quantites:** Totally 12,003pcs



EUP40A-1W24V-1      EUP75A-1H24V-1      EUP150A-1W24V-1

# Project References



Xinhongji mall, Shanghai huaihai road  
 Ningbo dongqian lake - baiyue hotel  
 Beijing grain shop - licheng KTV  
 Shandong weifang, weichai power  
 Wanda, nanchang, jiangxi  
 Wanda - jiangning area, nanjing in jiangsu

Changbaishan Wanda  
 Dalian langting hotel  
 Beijing yansha bridge - the four seasons hotel  
 The raffles hotel in sanya  
 Beijing yongli building  
 Dandong wanda, liaoning

Wanda jiahua, Wuhan  
 Wanda ruihua, wuhan  
 Hangzhou huanglong hotel  
 Beijing shijingshan wanda pullman hotel  
 The third space of tangshan  
 The courtyard on the Beijing canal

Orange county, Beijing  
 Guangzhou zengcheng wanda  
 Inner Mongolia chifeng wanda  
 The marriott hotel in Shanghai Baohua  
 Beijing international trade three period  
 Wanda, weifang, shandong

Hangzhou xiaoshan Hilton Hotel  
 Shanghai Ruxin exhibition hall  
 Chengde jiahua hotel  
 Zhejiang jinhua wanda  
 Qingshuiwan holiday inn, Hainan  
 Dongguan wanda

Greentown westin hotel, haikou  
 Crowne plaza, xi 'an  
 Crowne plaza, sanya  
 Qinhuangdao shangri-la hotel  
 Kunming wanda  
 The changzhou Hilton Hotel

Beijing guili hotel  
 The jingguang center in Beijing  
 Shangri-la hotel, nanjing  
 Hilton Hotel in Tianjin world trade  
 Jingzhou wanda, hubei  
 Maanshan wanda

# Project References

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# Project References



Chengdu Museum



Sichuan Deng Xiao Ping's Memorial



Shandong Art Gallery



Hainan museum

- The kempinski hotel in guangzhou
- The 12th meeting of lake cuihu manor in xiamen lake
- The hainan museum
- Millennium hotel chengdu
- Ningbo hengyi square
- Shenzhen center
- Guangdong pearl

- Zhuhai changlong international sea resort area
- Rich hotel, north sea, guangxi
- Yiwu kaiyuan hotel
- The marriott hotel
- Guangzhou's rich flower holiday inn
- Chongqing fuli kaiyue
- The futian Tairan building in Shenzhen

- The cross-strait lighting experience museum
- Shenzhen peace building
- The futian shangri-la hotel in shenzhen
- The four seasons hotel in shenzhen
- The Ritz-Carlton hotel in shenzhen
- Shenzhen imperial court center

- Shenzhen zhongzhou building
- The futian Hilton Hotel in shenzhen
- Luohu shangri-la hotel, shenzhen
- Shenzhen kingkey 100
- Shenzhen China mobile building
- Shenzhen donghai international

- Shenzhen happy coast
- Shenzhen marriott hotel
- Shenzhen bay mansion
- The shekou Hilton Hotel in shenzhen
- The lvcheng Sheraton hotel in shenyang
- The fairmont hotel in Nanjing jiniao building

- Shanghai jing'an shangri-la hotel
- Shanghai xintiandi - the andshih hotel
- Shangri-la hotel, nanchang
- The new world hotel in chongwenmen, Beijing
- The new world hotel in chongwenman, Beijing
- The jiali center in Shanghai pudong

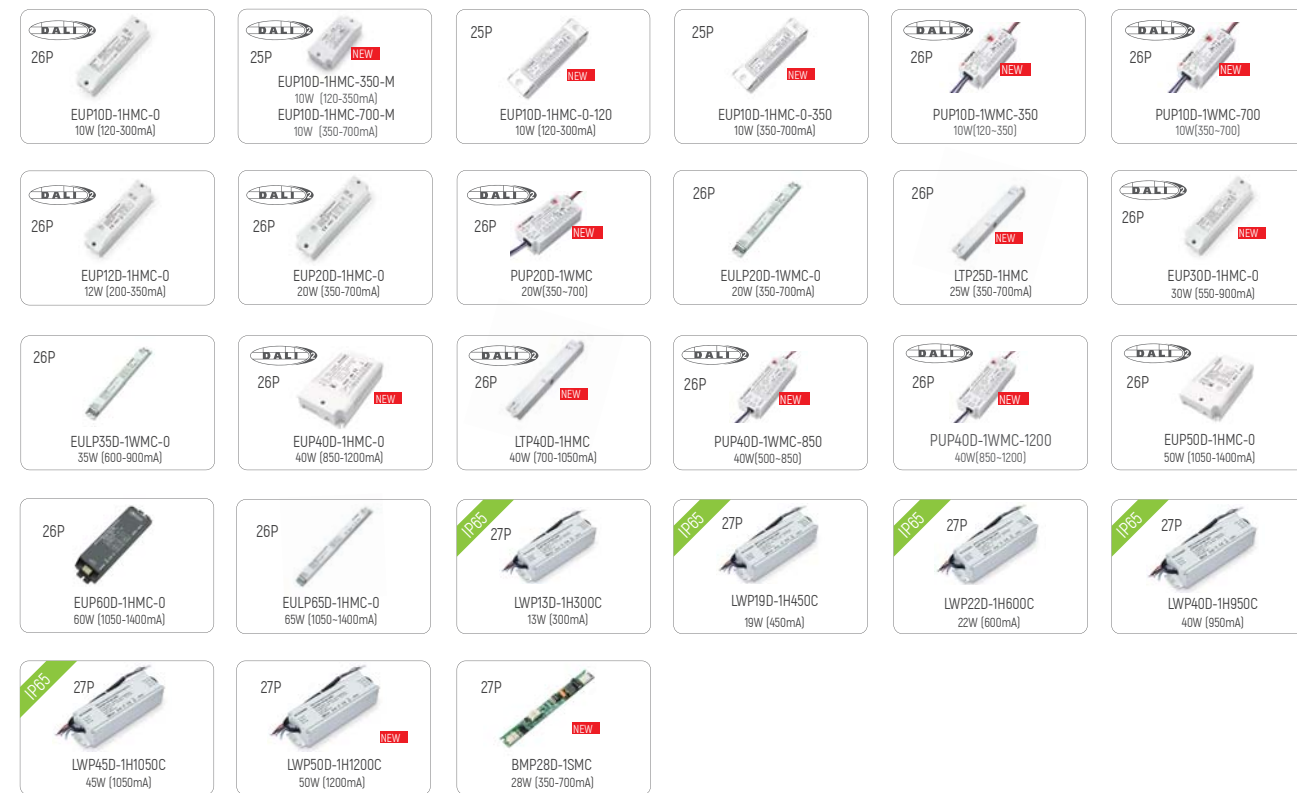
# Product Lines

## DALI Series

### Constant Voltage DALI Driver Series



### Constant Current DALI Driver Series



### DALI Master Controller



### DALI Bus Power Supply



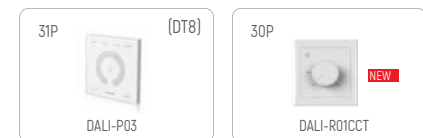
### DALI to 0-10V Converter



### Group Input Module



### Tunable White Panel



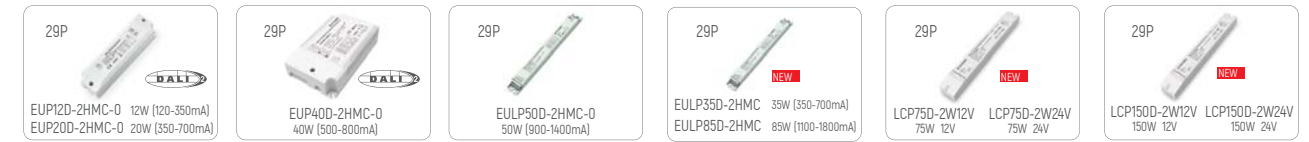
### Constant Voltage DALI Decoder Series



### DALI Control Panel



### Tunable White DT8(DT6)



### DALI&1-10V Five-in-one Dimming Drivers

#### Constant Current Dimming Drivers



#### Constant Voltage Dimming Driver

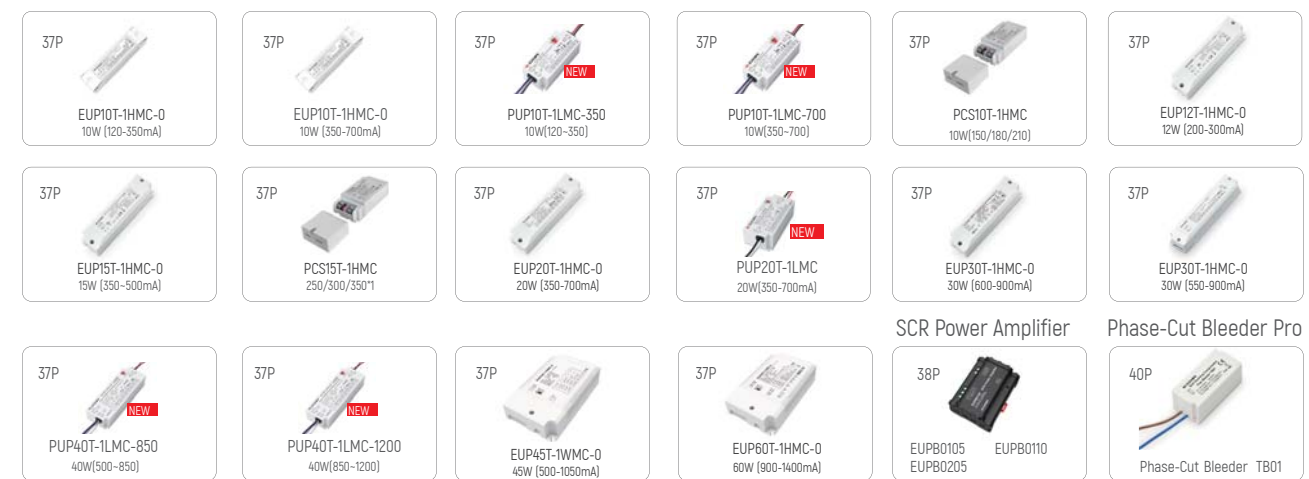


### Phase-Cut Series

#### Constant Voltage Dimmable Driver Series



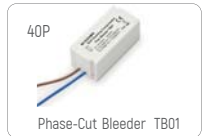
#### Constant Current Dimmable Driver Series



#### SCR Power Amplifier



#### Phase-Cut Bleeder Pro



#### Phase-Cut Panel Controller Series



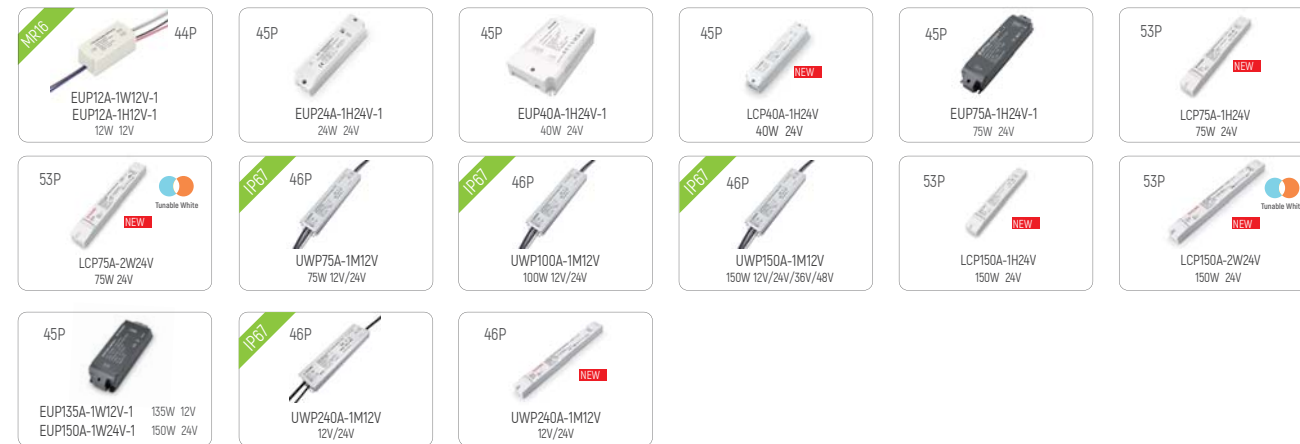
#### Phase-Cut Constant Voltage Dimmer



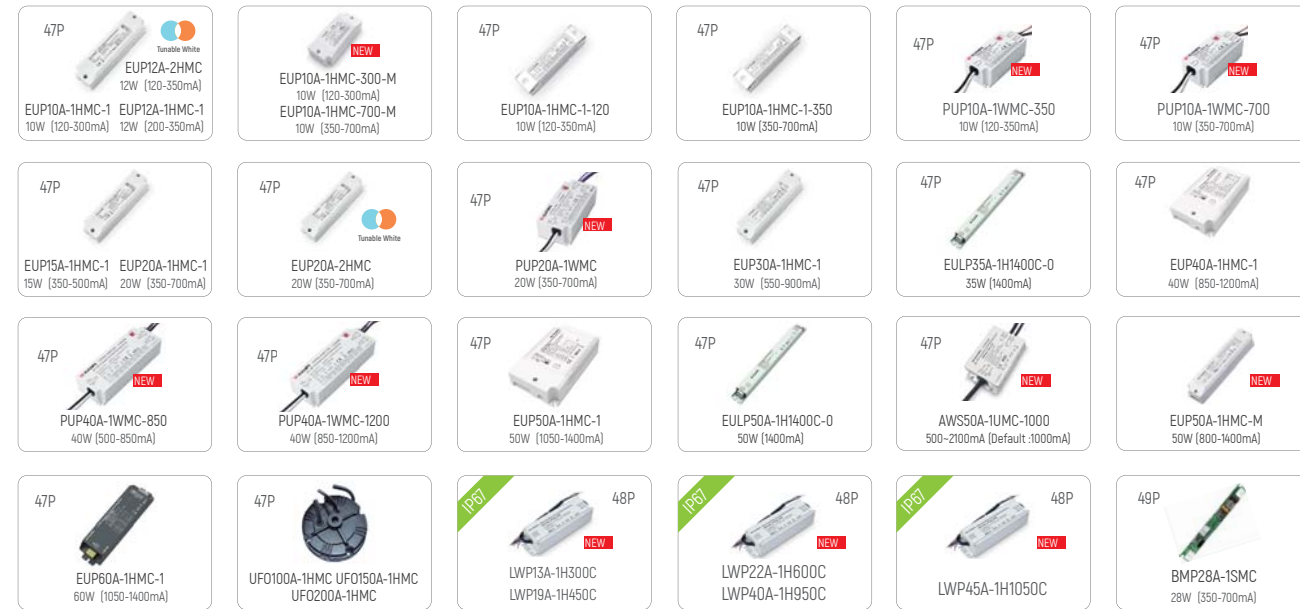


## 0-10V/1-10V Series

### Constant Voltage Dimmable Driver Series



### Constant Current Dimmable Driver Series



### Constant Voltage 0-10V Dimmer Series



### 0-10V Panel Controller Series



### Analog Signal Amplifier

## LED Power Amplifier Series

### Constant Voltage Dimmer



## DMX Series

### Constant Voltage DMX Decoder Series



### Constant Current DMX Decoder Series



### Constant Voltage DMX Driver Series



### Constant Current DMX Driver Series

### DMX Signal Splitter Series



### DMX/RDM Master Controller (Stand Alone/Software)



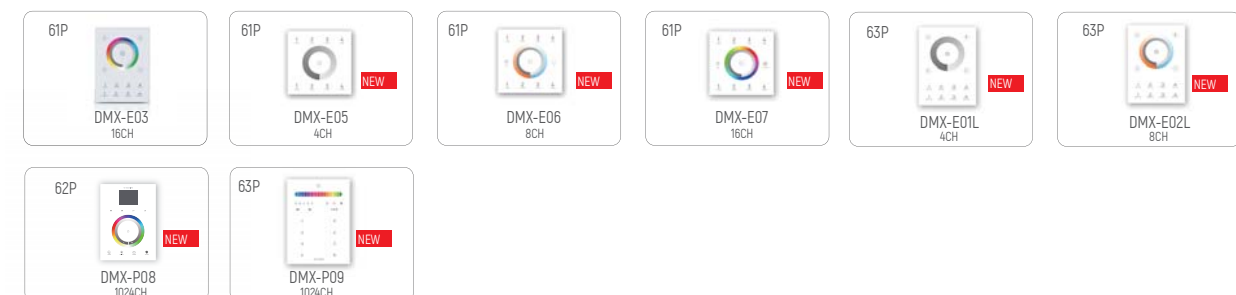
### DMX 512 to 1/+10V Converter



### DMX to SPI



### DMX Panel Controller Series



## Universal LED Drivers (Mainly for North America)

### DALI Constant Current Dimming Driver



### Phase-Cut Constant Voltage Dimming Driver



### Phase-Cut Constant Current Dimming Driver



### 0/1-10V Constant Voltage Dimming Driver



### 0/1-10V Constant Current Dimming Driver



### 0/1-10V Constant Voltage Dimming Driver



## Magnetic Track Drivers Series

### DALI Constant Current Dimming Driver



### 0/1-10V Constant Current Dimming Driver



### LED Constant Current Driver



### LED Constant Voltage Driver



### LED Ultrathin Grid driver



### DALI Tunable White Drivers (DT8)



## Non-Dimming LED Drivers Series

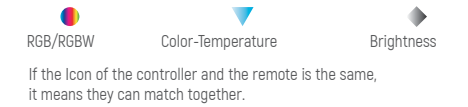
### Ultra-Thin Waterproof Driver Series



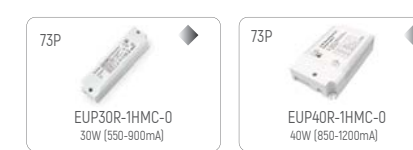
### Ultra-Thin Grid Power Supply



## LED Wireless Controller Series



### 24G Constant Current Drivers



### 24G RGB/RGBW Drivers



### 24G RGB/RGBW Remote Control Series



### 24G Color-Temperature Remote Control Series



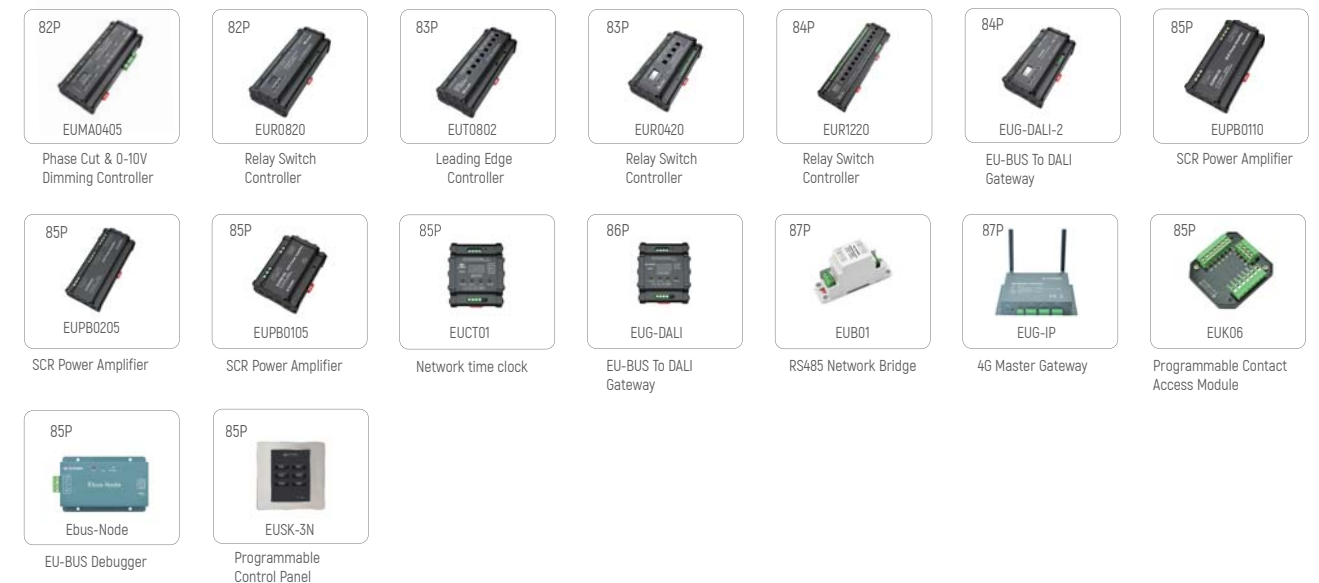
### 24G Brightness Remote Control Series



### Bluetooth to DALI



## EU-BUS System





# DALI Series

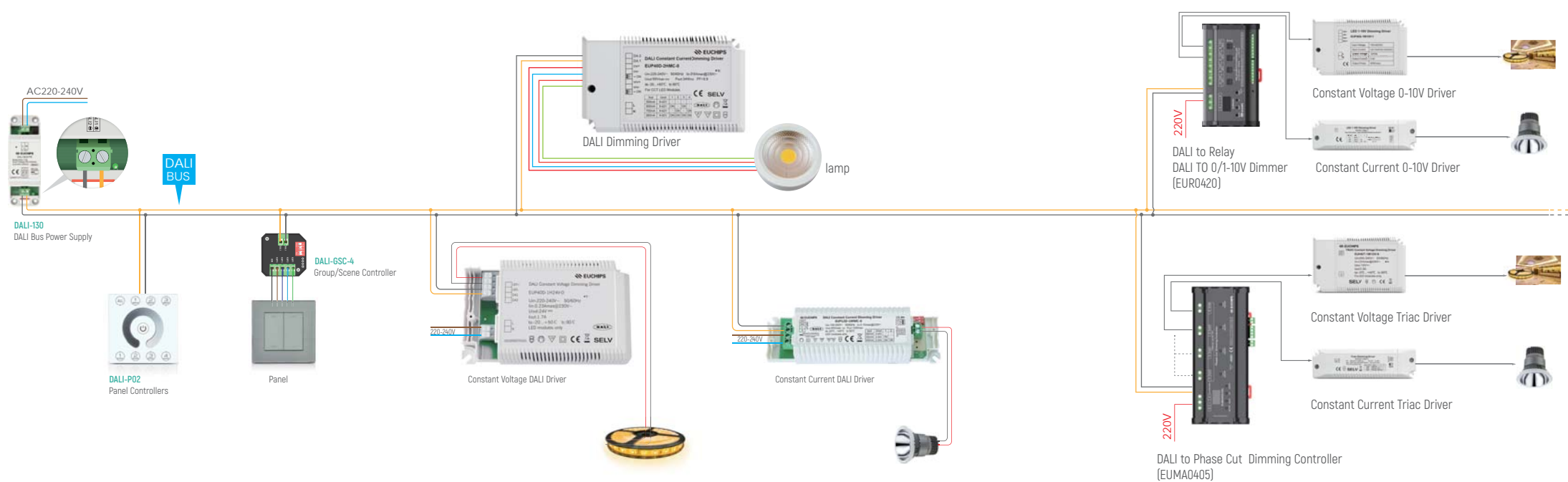
DALI Series

DALI (Digital Addressable Lighting Interface) is one of the most popular standards of lighting control and a special protocol for digital lighting control. It is transmitted in the Manchester encoding format with great dimming function of whole, group dimming, addressing dimming, multiple scene mode settings, etc. As requirements for lighting control system in modern high-end hotel, business center and home have increased, the Dali control is widely used and shows a strong advantage in the field of intelligent lighting control with its simple, reliable, excellent function, easy installation, flexible extend features.

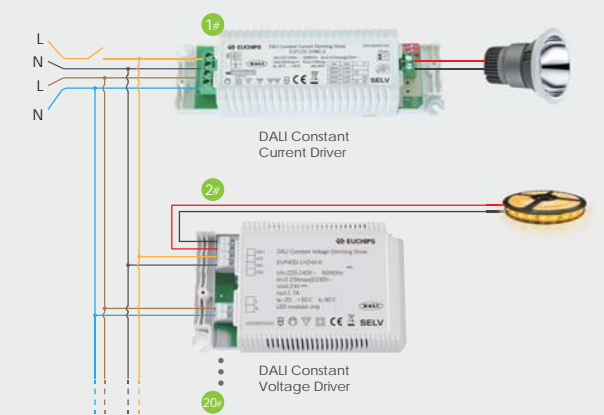
IEC62386 is the international standard of digital addressable lighting interface, which solves the compatibility of different manufacturer's devices. It provides designers with the best performance and the most personalized selection solution. IEC62386-207 is the special requirements of LED module (DT6), which mainly defined the brightness adjustment and has been maturely applied in the field of lighting control. IEC62386-209 is the special requirement of color control (DT8), which supports color control, include RGB and color temperature. It can be widely used in education, office, hospital, retail and other occasions.

This increased color control provides architects with more options for using Dali lamps to control the color and brightness of each room. Dali standards have been developing over the decades and forming the DALI-2.0. DALI-2.0 fills the gaps of original standards and adds new function. It introduces the standardization of control devices, including input devices and control devices, while maintaining backward compatibility.

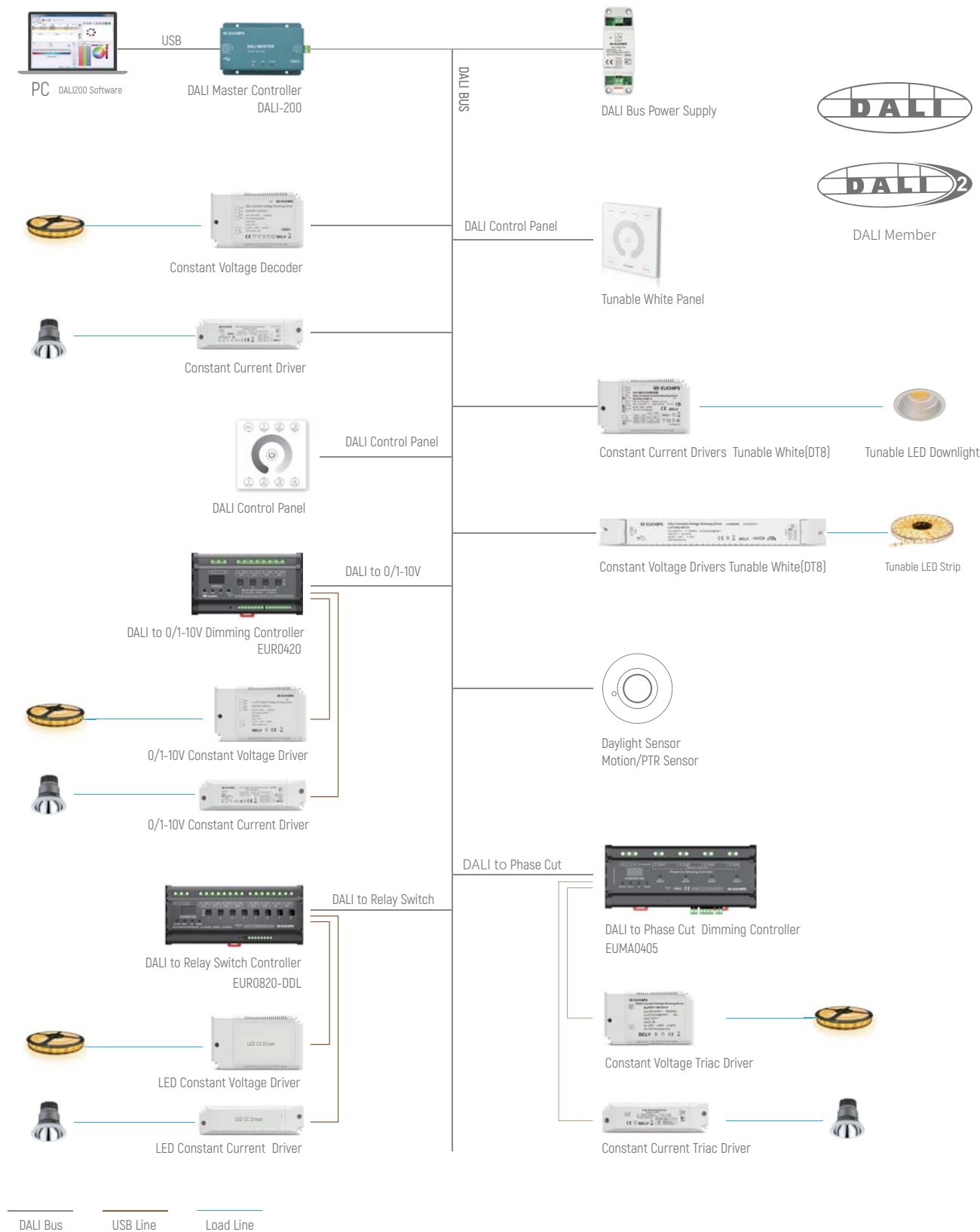
## DALI Group/Scene Controller



## TouchDIM Wiring Diagram



# DALI System Structure



# DALI 2.0 Drivers DALI

DALI Series

## Description

Widely used for brightness adjusting and color-temp. controlling of LED constant voltage lights. It can be used as decoder and also driver. Dimming with 1-100% range (LED brightness starts at 1%)

## Features

- Comply to DALI standard protocol IEC 62386
- Short circuit / Over load protection
- Security level: 2
- DALI Digital control input, PWM output
- Support Touch DIM function, and can be dimmed manually

## Advantages

- PWM digital dimming, no alter the LED color rendering index
- Built-in MCUs , customizable logarithmic curve, linear dimming curve
- Dimming depth : 1% Dimming range : 1%- 100%
- No minimum load requirements

## Constant Voltage Drivers



Item No.	Product No.	Input Voltage VAC	Output Current Channel	Output Voltage (VDC)	Output Power (W)	TouchDIM	G.W. g	Size mm
LCP75AD-1H24V	100200050101	220-240	3.125A*1	24	75	Support	400	295*40*32
LCP120AD-1H12V	102200620101	220-240	12.5A*1	12	150	Support	430	360*40*32
LCP150AD-1H24V	102200630101	220-240	6.25A*1	24	150	Support	430	360*40*32
LCP150D-2W24V	102200590101	120-277	6.25A*4	24	150	No Support	730	360*40*32

## Constant Current Drivers



Item No.	Product No.	Product pictures	Input Voltage VAC	Output Current Channel	Output Voltage (VDC)	Output Power (W)	TouchDIM	G.W. g	Size mm
PUP10D-1WMC-350	102100691101	4	120-277	120/150/180/210/260/290/320/350mA*1	9-42	10	Support	120	75*35*26.5
PUP10D-1WMC-700	102100680101	4	120-277	350/400/450/500/550/600/650/700mA*1	2-21	10	Support	120	75*35*26.5
EUP10D-1HMC-350-M	102101051101	5	220-240	120/150/180/210/240/270/300/350mA*1	9-42	10	Support	75	89*41*29
EUP10D-1HMC-700-M	102101040101	5	220-240	350/400/450/500/550/600/650/700mA*1	9-42	10	Support	75	89*41*29
EUP10D-1HMC-0	102100292101	1	220-240	120/180/240/300mA*1	9-40	10	Support	125	150*43*29
EUP12D-1HMC-0	102100263101	1	220-240	200/250/300/350mA*1	9-40	12	Support	125	150*43*29
EUP15D-1HMC-0	102100282101	1	220-240	350/400/450/500mA*1	9-40	15	Support	125	150*43*29
EUP20D-1HMC-0	102100172101	1	220-240	350/500/550/700mA*1	9-40	20	Support	125	150*43*29
PUP20D-1WMC	102100650101	4	120-277	350/400/450/500/550/600/650/700mA*1	9-45	20	Support	200	88*43*26.5
EUP30D-1HMC-0	102100251101	1	220-240	550/600/650/700/750/800/850/900mA*1	9-45	30	Support	120	150*43*29
EUP40D-1HMC-0	102100242101	2	220-240	850/900/950/1000/1050/1100/1150/1200mA*1	9-45	40	Support	225	137*82*31
PUP40D-1WMC-850	102100660101	4	120-277	500/550/600/650/700/750/800/850mA*1	9-48	40	Support	260	121*44*26.5
PUP40D-1WMC-1200	102100670101	4	120-277	850/900/950/1000/1050/1100/1150/1200mA*1	9-47	40	Support	260	121*44*26.5
LTP40D-1HMC	102100750101	3	220-240	700/750/800/850/900/950/1000/1050mA*1	12-42	40	Support	185	260*32*44.5
PSP45AD-1HMC	102100890101	6	220-240	500/600/700/800/900/1050/1200/1400mA*1	19-52	45	Support	272	180*70*32
PCP45AD-1HMC	100100100101	7	220-240	700/750/800/850/900/950/1000/1050mA*1	9-45	45	Support	TBD	103*68*30
EUP50D-1HMC-0	102100272101	2	220-240	1050/1100/1150/1200/1250/1300/1350/1400mA*1	9-45	50	Support	225	137*82*31

# DALI Constant Voltage Drivers

## Description

Widely used for brightness adjusting and color-temp. controlling of LED constant voltage lights. It can be used as decoder and also driver. Dimming with 1-100% range (LED brightness starts at 1%)

## Features

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## Advantages

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- Built-in MCUs , customizable logarithmic curve, linear dimming curve
- Dimming depth : 1% Dimming range : 1%- 100%
- No minimum load requirements



Premium

Item No.	Product No.	Product pictures	Input Voltage VAC	Output Current Channel	Output Voltage (VDC)	Output Power (W)	TouchDIM	G.W. g	Size mm
EUP120-1H12V-0	102200002101	1	220-240	1A*1	12	12	Support	85	78*36*29
EUP240-1H24V-0	102200011101	2	220-240	1A*1	24	24	Support	150	150*43*29
EUP400-1H24V-0	102200070101	3	220-240	1.7A*1	24	40	Support	225	137*82*31
LCP40AD-1H12V	102200650101	8	220-240	3.3A*1	12	40	Support	200	185*42.5*28.5
LCP40AD-1H24V	102200640101	8	220-240	1.65A*1	24	40	Support	150	185*42.5*28.5
EUP750-1H12V-0	102200051101	4	220-240	6.2A*1	12	75	Support	460	213*54*33
EUP750-1H24V-0	102200061101	4	220-240	3.1A*1	24	75	Support	460	213*54*33
LCP750-2W12V	102200560101	7	120-277	6.25A*4	12	75	No Support	340	295*40*32
LCP750-2W24V	102200570101	7	120-277	3.125A*4	24	75	No Support	340	295*40*32
LCP75AD-1H12V	100200040101	7	220-240	6.25A*1	12	75	Support	400	295*40*32
LCP75AD-1H24V	100200050101	7	220-240	3.125A*1	24	75	Support	400	295*40*32
EUP1350-1W12V-0	102200071101	5	100-240	11.25A*1	12	135	Support	668	206*75*40
EUP1500-1W24V-0	102200041101	5	100-240	6.25A*1	24	150	Support	668	206*75*40
LCP1500-2W12V	102200580101	6	120-277	12.5A*4	12	150	No Support	730	360*40*32
LCP1500-2W24V	102200590101	7	120-277	6.25A*4	24	150	No Support	730	360*40*32
LCP120AD-1H12V	102200620101	7	220-240	12.5A*1	12	150	Support	430	360*40*32
LCP150AD-1H24V	102200630101	7	220-240	6.25A*1	24	150	Support	430	360*40*32
EUP200AD-1H12V-0	100200001101	6	220-240	17A*1	12	200	Support	865	310*60*45
EUP200AD-1H24V-0	100200011101	6	220-240	8.3A*1	24	200	Support	865	310*60*45

# Ultra-Thin Waterproof Dimming Driver DALI

DALI Series

## Description

DALI and 0 - 10V dimming options can be used for DC constant voltage LED lamps.

## Features

- Wide input voltage range 100 - 240 volts, PF > 0.95
- The die-casting shell is integrally formed, and the product meets the structural requirements of Class I power supply
- Adopting high quality potting compound with scientific proportion, the protection grade is as high as IP67
- With overload, short circuit, over voltage, over temperature and other protection functions, and can automatically recover after the fault is removed
- Comply with CE/CB/ Enec/ SAA/ RoHS/ CCC and other certification requirements
- Built - in 2kV ~ 10kV lightning protection circuit ( depending on the product power )
- Ambient temperature range: to -25 °C - + 50 °C
- Five - years warranty

## Advantages

- High reliability
- Long life
- High efficient
- Complete protection function
- Low input surge current
- Low output ripple noise
- High Protection level



Item No.	Product No.	Product pictures	Input Voltage (VAC)	Output Current Channel	Output Voltage	Output Current (A)	Output Power(W)	G.W. g	Size mm
UWP750-1M12V	102200440101	1	100 - 240	6.25*1	12VDC	6.25	75	820	270*61*25
UWP750-1M24V	102200420101	1	100 - 240	3.125*1	24VDC	3.13	75	820	270*61*25
UWP1000-1M12V	102200450101	1	100 - 240	8.33*1	12VDC	8.33	100	820	270*61*25
UWP1000-1M24V	102200410101	1	100 - 240	4.16*1	24VDC	4.17	100	820	270*61*25
UWP1500-1M12V	102200460101	1	100 - 240	12.5*1	12VDC	12.5	150	820	270*61*25
UWP1500-1M24V	102200430101	1	100 - 240	6.25*1	24VDC	6.25	150	820	270*61*25
UWP1500-1M36V	TBD	1	100 - 240	4.17*1	36VDC	4.17	150	TBD	270*61*25
UWP1500-1M48V	TBD	1	100 - 240	3.12*1	48VDC	3.13	150	TBD	270*61*25
UWP2400-1M12V	102200470101	2	100 - 240	20*1	12VDC	20	240	1055	270*68*30
UWP2400-1M24V	102200490101	2	100 - 240	10*1	24VDC	10	240	1055	270*68*30

## Apply lamps and lanterns



Wall Washer



LED Strip Light



LED Tube



Underground Light



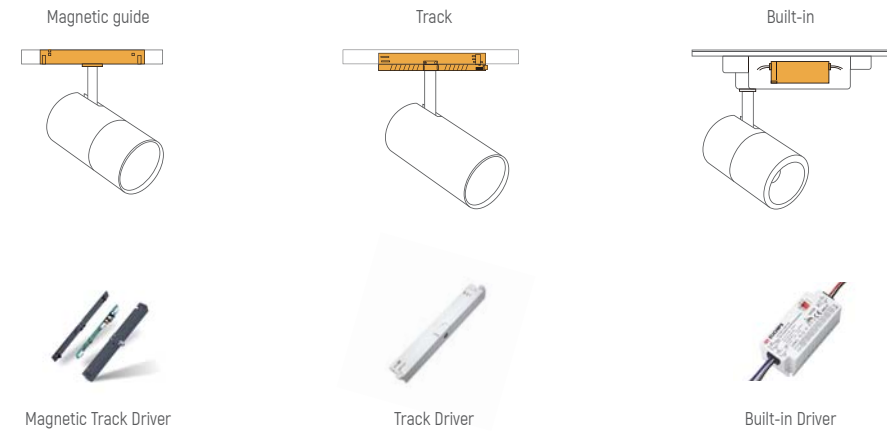
AR111 Venture Light



MR16



## Track light installation solution



## Description

Mainly used for monochrome constant current lamp dimming, set dimmer and driver as one of the dimming driver. To achieve bright lighting regulation with 1-100% dimming.

## Features

- Support DALI standard protocol IEC62386
- Support TouchDim function and can be dimmed manually
- PWM dimming, used for constant voltage lights
- Support short circuit, over current protection, over temperature protection

## Advantages

- MCUs built-in, customizable log curve, linear dimming curve
- Secondary-level structure, less than 3%
- Safe isolation, provide a more secure level
- Dimming depth: 1% Dimmingrange: 1%- 100%
- Load range: 10% - 100%



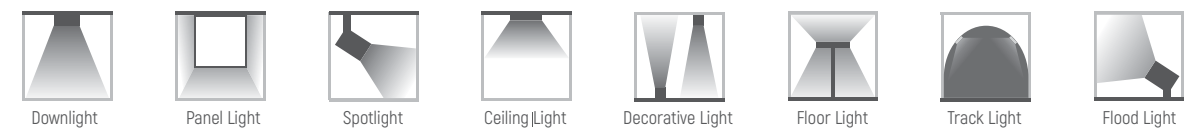
Item No.	Product No.	Input Voltage VAC	Output Current Channel	Output Voltage (VDC)	Output Power (W)	TouchDIM	G.W. g	Size mm
EUP10D-1HMC-0-120	102100700201	220-240	120/150/170/200/220/250/270/300mA*1	9-45	10	Support	TBD	110*30*22
EUP10D-1HMC-0-350	102100720201	220-240	350/400/450/500/550/600/650/700mA*1	2-21	10	Support	TBD	110*30*22



## Premium

Item No.	Product No.	Product pictures	Input Voltage VAC	Output Current Channel	Output Voltage (VDC)	Output Power (W)	TouchDIM	G.W. g	Size mm
PUP10D-1WMC-350	102100691101	6	120-277	120/150/180/210/260/290/320/350mA*1	9-42	10	Support	120	75*35*26.5
PUP10D-1WMC-700	102100680101	6	120-277	350/400/450/500/550/600/650/700mA*1	2-21	10	Support	120	75*35*26.5
EUP10D-1HMC-350-M	102101051101	7	220-240	120/150/180/210/240/270/300/350mA*1	9-42	10	Support	75	89*41*29
EUP10D-1HMC-700-M	102101040101	7	220-240	350/400/450/500/550/600/650/700mA*1	9-42	10	Support	75	89*41*29
EUP10D-1HMC-0	102100291101	1	220-240	120/180/240/300mA*1	9-40	10	Support	125	150*43*29
EUP10D-1HMC-0	102100292101	1	220-240	120/180/240/300mA*1	9-40	10	Support	125	150*43*29
EUP12D-1HMC-0	102100261101	1	220-240	200/250/300/350mA*1	9-40	12	Support	125	150*43*29
EUP12D-1HMC-0	102100263101	1	220-240	200/250/300/350mA*1	9-40	12	Support	125	150*43*29
EUP15D-1HMC-0	102100281101	1	220-240	350/400/450/500mA*1	9-40	15	Support	125	150*43*29
EUP15D-1HMC-0	102100282101	1	220-240	350/400/450/500mA*1	9-40	15	Support	125	150*43*29
EULP15D-1HMC-0	102100351101	3	200-240	500mA*1	9-30	15	Support	230	278*30*28
EUP20D-1HMC-0	102100171101	1	220-240	350/500/550/700mA*1	9-40	20	Support	125	150*43*29
EUP20D-1HMC-0	102100172101	1	220-240	350/500/550/700mA*1	9-40	20	Support	125	150*43*29
PUP20D-1WMC	102100650101	6	120-277	350/400/450/500/550/600/650/700mA*1	9-45	20	Support	200	88*43*26.5
EULP20D-1WMC-0	102100123101	3	100-240	350/500/700mA*1	9-45	20	Support	230	280*30*21
LTP25D-1HMC	102100850101	5	220-240	350/400/450/500/550/600/650/700mA*1	12-42	20	Support	TBD	260*32*44.5
EUP30D-1HMC-0	102100250101	1	220-240	550/600/650/700/750/800/850/900mA*1	9-45	30	Support	120	150*43*29
EUP30D-1HMC-0	102100251101	1	220-240	550/600/650/700/750/800/850/900mA*1	9-45	30	Support	120	150*43*29
EULP35D-1WMC-0	102100132101	3	100-240	600/700/800/900mA*1	9-45	35	Support	230	280*30*21
EUP40D-1HMC-0	102100240101	2	220-240	850/900/950/1000/1050/1100/1150/1200mA*1	9-45	40	Support	225	137*82*31
EUP40D-1HMC-0	102100242101	2	220-240	850/900/950/1000/1050/1100/1150/1200mA*1	9-45	40	Support	225	137*82*31
PUP40D-1WMC-850	102100660101	6	120-277	500/550/600/650/700/750/800/850mA*1	9-48	40	Support	260	121*44*26.5
PUP40D-1WMC-1200	102100670101	6	120-277	850/900/950/1000/1050/1100/1150/1200mA*1	9-47	40	Support	260	121*44*26.5
LTP40D-1HMC	102100750101	5	220-240	700/750/800/850/900/950/1000/1050mA*1	12-42	40	Support	185	260*32*44.5
EUP50D-1HMC-0	102100270101	2	220-240	1050/1100/1150/1200/1250/1300/1350/1400mA*1	9-45	50	Support	225	137*82*31
EUP50D-1HMC-0	102100272101	2	220-240	1050/1100/1150/1200/1250/1300/1350/1400mA*1	9-45	50	Support	225	137*82*31
EUP60D-1HMC-0	102100151101	4	200-240	1050/1200/1400mA*1	9-58	60	Support	410	203*54*33
EULP65D-1HMC-0	102100330101	3	220-240	1050/1200/1400mA*1	9-45	65	Support	300	360*30*21

## Apply lamps and lanterns



# DALI Constant Current Drivers



Item No.	Input Voltage VAC	Output Current Channel	Output Voltage (VDC)	Output Power (W)	TouchDIM	G.W. g	Size mm
LWP13D-1H300C	220-240	300mA*1	9-42	12.6	Support	350	136*50*41
LWP19D-1H450C	220-240	450mA*1	9-42	19	Support	350	136*50*41
LWP22D-1H600C	220-240	600mA*1	9-36	21	Support	350	136*50*41
LWP30D-1H700C	220-240	700mA*1	20-42	29.4	Support	637	167*50*41
LWP40D-1H950C	220-240	950mA*1	20-42	40	Support	637	167*50*41
LWP45D-1H1050C	220-240	1050mA*1	20-42	45	Support	637	167*50*41
LWP50D-1H1200C	220-240	1200mA*1	20-42	50.4	Support	637	167*50*41

**!** This product is one current output, please confirm the current with sales before the order.  
MOQ: 500pcs

## DALI Constant Current Drivers



### Features

- Meets DALI 2.0 standard Protocol
- Support PWM+CCR dimming, without flicker
- Support Short circuit, over load protection
- Built-in driver
- Input support hot plug

Item No.	Product No.	Input Voltage VAC	Output Current Channel	Output Voltage (VDC)	Output Power (W)	G.W. g	PCB Size mm	Outer shell size mm
BMP28D-1SMC	TBD	48VDC±5%	350-700*1	20-40	28	32	125*14.8*12	167*16*18

## DALI relay



### Features

- Follow DALI IEC62386 standard protocol
- The maximum current of a single channel is 10A
- Wide voltage supply
- Connected to DALI Bus, occupies 1 address, the address can be changed
- Support grouping, scene editing,
- Support two mounting modes: guide rail and screw fixation

Item No.	Input Voltage VAC	Maximum switching current A	Communication protocol	Signal current mA	Group/Scene	G.W. g	Size mm
DALI-T01	90-240	10	Standard DALI Agreement	2	1-4	110g	111*35*67

# Constant Voltage Decoder DALI

DALI Series

## Description

Using DC power supply, PWM control output, mainly for LED constant voltage lamp dimming / color control

## Features

- Support DALI standard protocol IEC62386
- Support short circuit, over current protection, Safe level: second level
- DALI digital control, PWM dimming
- Support TouchDim function and can be dimmed manually

## Advantages

- PWM digital dimming, no alter the LED color rendering index
- Built-in MCUs, customizable logarithmic curve, linear dimming curve
- Dimming depth: 1% Dimming range: 1%-100%
- No minimum load requirements



Item No.	Product pictures	Input Voltage VDC	Output Current Channel	Output Voltage	Output Power V	TouchDIM	G.W. g	Size mm
DALI6010	1	12-24	10A*1	12-24	120-240	Support	125	168*39.4*30
DALI6002E1	2	12-24	10A*2	12-24	120-240*2	Support	130	167*51*24
DALI6003E1	2	12-24	6A*3	12-24	72-144*3	Support	112	167*51*24
DALI6004	2	12-24	5A*4	12-24	60-120*4	Support	112	167*51*24
DIM101D-DIN	3	12-24	10A*1	12-24	120-240	Support	86	112*35*67

## Signal Converter

### Description

At present, the widely used dimmer control interface include DALI, turn 0-10V/1-10V and so on. In a dimming system, there are usually more than two control interfaces. In order to achieve overall control, Ochs signal converter provides a comprehensive and reliable solution.

### Features

- Meet DALI protocol IEC62386
- Support 0-10V/1-10V analog signal output



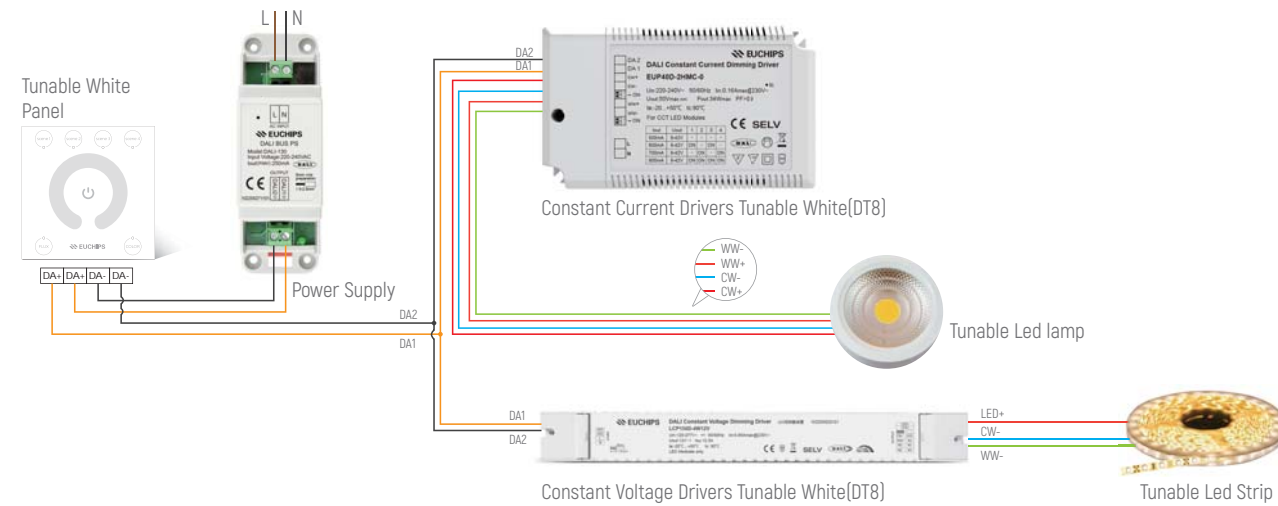
Item No.	Input Voltage VDC	Output Current Channel	Input Signal	Output Signal	G.W. g	Size mm
DALI6000	12-24	15mA*1	DALI	0-10V analog signal	107	168*50*23.5

# DALI Tunable White

# Power Supply DALI

## Description

Especially designed to allow for the Tunable White control of LED modules. It represent a simple way of CCT control via DALI using standard components – LED driver and DALI controller.



## Features

- Support DALI standard protocol IEC62386-209(DT8), Only one DALI address is occupied
- Support short circuit, over current protection, over temperature protection

## Advantages

- MCUs built-in, customizable log curve, linear dimming curve
- the current can be changed via software
- Dimming depth: 1% Dimmingrange: 1%- 100%
- PWM+CCR Dimming, Flicker -Free
- Secondary-level structure, less than 3%
- Standby power <0.5W



Constant Current Drivers Tunable White(DT8)

Item No.	Product No.	Product pictures	Input Voltage VAC	Output Current Channel	Output Voltage (VDC)	Output Power (w)	TouchDIM	G.W. g	Size mm
EUP120-2HMC-0	102101100101	1	220-240	120/150/180/200/240/270/300/350mA*2	9-42	12	Support	225	150*43*29
EUP200-2HMC-0	102100810101	1	220-240	350/400/450/500/550/600/650/700mA*2	9-42	20	Support	225	150*43*29
EUP400-2HMC-0	102100300101	2	220-240	500/600/700/800mA*2	9-42	40	No Support	225	137*82*31
EULP500-2HMC-0	102100440101	3	220-240	900/1050/1200/1400mA*2	9-42	50	Support	305	360*30*21
EULP350-2HMC	TBD	3	220-240	350/400/450/500/550/600/650/700mA*2	9-42	35	Support	TBD	280*30*21
EULP850-2HMC	TBD	3	220-240	1100/1200/1300/1400/1500/1600/1700/1800A*2	9-42	85	Support	TBD	360*30*21

Constant Voltage Drivers Tunable White(DT8)

Item No.	Product No.	Product pictures	Input Voltage VAC	Output Current Channel	Output Voltage (VDC)	Output Power (w)	TouchDIM	G.W. g	Size mm
LCP750-2W12V	102200560101	4	120-277	6.25A*2	12	75	No Support	TBD	295*40*32
LCP750-2W24V	102200570101	4	120-277	3.125A*2	24	75	No Support	TBD	295*40*32
LCP1500-2W12V	102200580101	4	120-277	12.5A*2	12	150	No Support	730	360*40*32
LCP1500-2W24V	102200590101	4	120-277	6.25A*2	24	150	No Support	730	360*40*32

## Features

- DALI Standard
- LED indicator light shows status

## Advantages

- Support guide rail and screw fixed installation



Item No.	Input Voltage VAC	Power Consumption W	DALI Protocol	G.W. g	Size mm
DALI-130	220-240V AC	4	IEC62386	105	111*35*67

## DALI Master Controller

### Description

Communicating with PC by USB cable connection, build-in booster circuit can supply 25mA power from DALI bus. Used to configure luminaire parameters.

### Features

- Automatically check equipments accessible to Master
- Automatically allocate short addresses according to DALI Protocol
- Support re-addressing of all equipments
- Able to set or read all the parameters in the parameter chart of DALI Protocol
- Able to set or read by groups and scenes
- Support DALI 2.0

### Advantages

- Software interface friendly, easy to operate, learn and use.



Item No.	Input Voltage VDC	Power Consumption W	Control Signal	DALI Protocol	G.W. g	Size mm
DALI-200	5	<2	DALI Signal	IEC62386-209/IEC60929	210	108*72.5*23.5

## DALI Dimmer



### Features

- complies with DALI protocol standard IEC62386
- Used to Adjust Brightness and Color Temperature of Lamps with DALI Interface
- can save basic brightness and startup brightness.
- simple and stylish appearance, elegant appearance, convenient operation
- can be installed in standard DIN 49073 electrical box.
- Applicable to Home, Office, Hotel, Engineering, etc

Item No.	Input Voltage VDC	Power Consumption W	Control Signal	DALI Protocol	G.W. g	Size mm
DALI-101CCT	Supplied Via Dali Bus	<0.2	DALI Signal	IEC62386/IEC60929	140	86*86*44



# DALI Tunable White DALI Panel

## Description

DALI-P03 is a touch-sensitive panel for easy-to-use control of lighting control systems and DALI Type 8 colour devices. It can be widely used in schools, retail, hospitals, and offices.

## Features

- Supports DALI Type 8 colour temperature
- Supplied via DALI bus- Support broadcast control.
- Adjust the brightness and color temperature of the lamp
- Save and call up to 4 scenes
- Group serial number can be freely set by DIP switch
- Use blue led button indicator, easy to use.
- Can support many standards electrical wall box
- Glass panel, fashion style.



Item No.	Input Voltage VDC	Power Consumption W	Control Signal	DALI Protocol	G.W. g	Size mm
DALI-P03	Supplied Via Dali Bus	<0.2W	DALI Signal	IEC62386/IEC60929	145	86*86*10

## DALI Control Panel

## Description

Mainly used for LED constant current lamp dimming control, can be widely used in hotels, restaurants, villas, offices and other regions, to achieve digital dimming.

## Features

- Meet DALI standard protocol IEC62386
- Use DALI BUS supply power
- Support broadcast control
- Can control up to 3 groups separately
- Can control up to 4 scenes separately
- Groups and scenes can be set by dip-switch on back side

## Advantages

- Stand alone controlled 3 groups, 4 scenes
- Can set the scene by dial switch and select turn on and off



Item No.	Input Voltage VDC	Power Consumption W	Control Signal	DALI Protocol	G.W. g	Size mm
DALI-P02	Supplied Via Dali Bus	<0.2W	DALI Signal	IEC62386/IEC60929	145	86*86*10

## DALI Scene/Group Input Module

## Features

- Can choose different scenes
- Each button reacts fast
- Power supplies via DALI bus
- Easy to build into the wall like normal switch
- Designed to comply with IEC60929/62386

## Advantages

- Can set the scene or group division by dial switch
- Can set first address by dial switch



Item No.	Input Voltage VDC	Power supply	Signal current	Scene/Group	G.W. g	Size mm
DALI-GSC-4	12-20VDC	Via DALI signal line	2 mA	1-4	20	44*46*14

# Hybrid

## Constant Current Dimmable Drivers

## Features

- Single channel constant current output, selectable multilevel current
- Efficiency 82%
- Active PFC
- Smooth dimming curves, without flick
- Short circuit, overload, over temperature functions
- Suitable for indoor LED lamps, such as LED downlight and panel light.

## Advantages

- PWM digital dimming, CRI will not be changed.
- Built-in MCU, customized Logarithmic or Linear dimming curve
- Second level of security isolation, output ripple is less than 3%
- Load range 10%-100%
- Support five in one dimming  
[DALI/0/1-10V active signal / PWM signal / adjustable resistance/Touch DIM]



Item No.	Product pictures	Product No.	Input Voltage VAC	Output Current Channel	Output Voltage VDC	Output power W	Touch DIM	G.W. g	Size mm
EUP12AD-1HMC-M	1	100100150101	220-240	120/150/180/200/240/270/300/350mA*1	9-45	12	Support	TBD	150*43*29
EUP20AD-1HMC-M	1	100100110101	220-240	350/400/450/500/550/600/650/700mA*1	9-45	20	Support	TBD	150*43*29
EUP30AD-1HMC-M	1	100100120101	220-240	550/600/650/700/750/800/850/900mA*1	9-45	30	Support	TBD	150*43*29
EUP40AD-1HMC-M	4	100100160101	220-240	750/800/850/900/950/1000/1050/1100mA*1	9-45	40	Support	TBD	185*43*29
PSP45AD-1HMC	2	102100890101	200-240	500/600/700/800/900/1050/1200/1400mA*1	19-52	45	Support	272	180*70*32
PCP45AD-1HMC	3	100100100101	220-240	700/750/800/850/900/950/1000/1050mA*1	9-45	45	Support	162	103*68*30
EUP50AD-1HMC-M	4	100100130101	220-240	800/900/1000/1050/1000/1200/1300/1400mA*1	9-45	50	Support	TBD	185*43*29

## Constant Voltage Dimmable Drivers



Item No.	Product pictures	Product No.	Input Voltage VAC	Output Current Channel	Output Voltage VDC	Output power W	Touch DIM	G.W. g	Size mm
LCP40AD-1H12V	1	102200650101	220-240	3.3A*1	12	40	Support	200	185*42.5*28.5
LCP40AD-1H24V	1	102200640101	220-240	1.65A*1	24	40	Support	150	185*42.5*28.5
LCP75AD-1H12V	2	100200040101	220-240	6.25A*1	12	75	Support	400	295*40*32
LCP75AD-1H24V	2	100200050101	220-240	3.125A*1	24	75	Support	400	295*40*32
LCP120AD-1H12V	2	102200620101	220-240	10A*1	12	120	Support	430	295*40*32
LCP150AD-1H24V	2	102200630101	220-240	6.25A*1	24	150	Support	430	295*40*32
EULP120AD-1H12V	3	100200070101	220-240	10A*1	12	120	Support	350	360*30*21
EULP150AD-1H24V	3	100200060101	220-240	6.25A*1	24	150	Support	350	360*30*21
EUP200AD-1H12V-0	4	100200001101	220-240	16.7A*1	12	200	Support	865	310*60*45
EUP200AD-1H24V-0	4	100200011101	220-240	8.3A*1	24	200	Support	865	310*60*45



# Phase-Cut Series

Phase-Cut

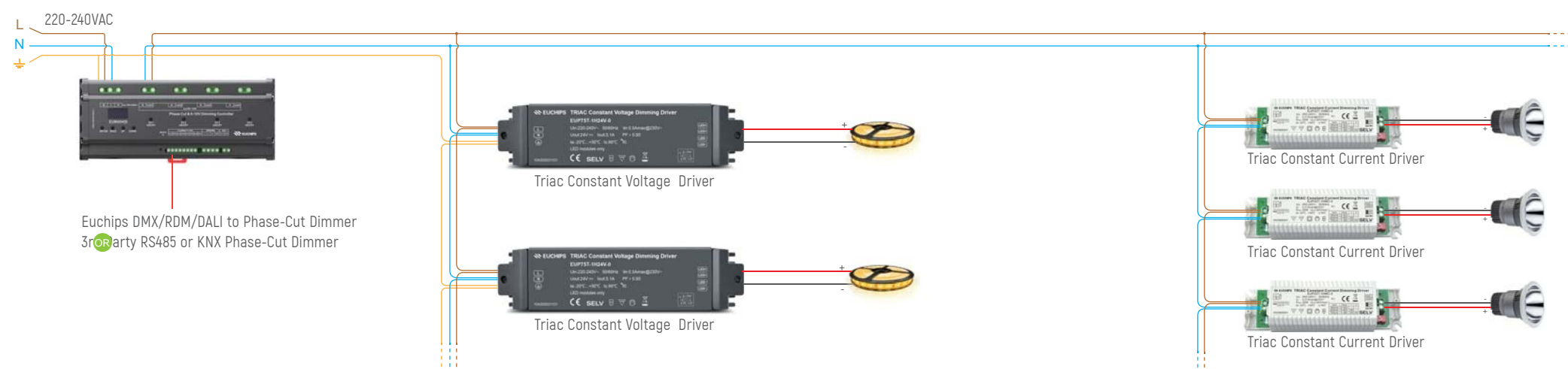
Leading edge dimming usually uses silicon controlled rectifier (SCR) as a switching device, so it is also called silicon controlled dimmer (Phase-cut dimmer). Its working principle is to wait for the trigger to turn on from the zero phase of AC voltage, and when it turns on, AC power is transmitted to the load. The sine wave shape is changed by adjusting the conduction angle of each half wave of alternating current, so that the effective value of alternating current is changed to achieve the purpose of dimming.

The forward phase-cut (FPC) dimmer have the following advantages: low in dimming cost, compatible with existing lines, and does not need to be rewired, so it dominates the market. Most manufacturers also produce this type of dimmers.

The back-edge (reverse) phase-cut dimmer (RPC) turns on immediately after the half-wave of AC voltage starts, and turns off immediately when the half-wave voltage reaches the set turn-on angle. Similar to front-end dimming, dimming is achieved by adjusting the conduction angle.

The MOSFET is generally used as the switching device in the back edge phase-cut dimmer, because if the SCR is used as the active switch, it cannot be turned off immediately according to the characteristics of the SCR, and it will not turn off until the voltage half-wave crosses zero.

## Hotel Room Scheme



# Phase-Cut

## Constant Voltage Dimmable Drivers

### Description

Support Leading edge (Phase-Cut) and Trailing edge (ELV), suitable for DC 12-24V constant voltage LED lightings, such as LED strip light, LED flood light, etc. Widely used in hotel, club, villa, market, office and home.

### Features

- Output short-circuit protection, overpower protection, overcurrent protection
- Smooth dimming curve, no flicker

### Advantages

- Excellent compatibility with major brand control system
- Controlled by PWM (Pulse-Width Modulation), not change color rendering index
- Built-in MCU (Micro controller unit), support both logarithmic curves and linear curves dimming customizable
- Dimming depth 1%, dimming range 1% to 100%
- No minimum load
- Support Leading edge (Phase-Cut) and Trailing edge (ELV)



### Standard

Item No.	Product No.	Input Voltage VAC	Output Current Channel	Output Voltage VDC	Output Power W	Dim Mode	G.W. g	Size mm
EUP12T-1W12V-1	104200021201	200-240	1A*1	12	12	Phase-Cut	85	78*36*29

### Compatible with MR16



# Phase-Cut

## Constant Voltage Dimmable Drivers



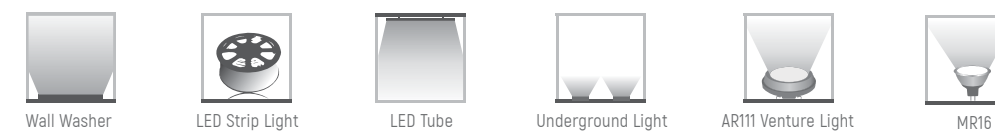
### Premium

Item No.	Product No.	Product pictures	Input Voltage VAC	Output Current Channel	Output Voltage VDC	Output Power (W)	Dim Mode	G.W. g	Size mm
EUP24T-1H24V-0	104200021101	1	220-240	1A*1	24	24	Phase-Cut	150	150*43*29
EUP75T-1H12V-0	104200041101	3	220-240	6.2A*1	12	75	Phase-Cut	460	213*54*33
EUP75T-1H24V-0	104200031101	3	220-240	3.1A*1	24	75	Phase-Cut	460	213*54*33
LCP75T-1H12V	104200390101	10	220-240	6.25A*1	12	75	Phase-Cut	350	295*40*32
LCP75T-1H24V	104200031101	10	220-240	3.1A*1	24	75	Phase-Cut	350	295*40*32
LCP150T-1H12V	104200430101	10	220-240	12.5A*1	12	150	Phase-Cut	410	360*40*32
LCP150T-1H24V	TBD	10	220-240	6.25A*1	24	150	Phase-Cut	410	360*40*32
MUP60T-1W12V	104200340101	9	120-277	5A*1	12	60	Phase-Cut	700	242*44*30
MUP60T-1W24V	104200320101	9	120-277	2.5A*1	24	60	Phase-Cut	700	242*44*30
MUP96T-1W12V	104200330101	9	120-277	8A*1	12	96	Phase-Cut	700	242*44*30
MUP96T-1W24V	104200310101	9	120-277	4A*1	24	96	Phase-Cut	700	242*44*30
EUP200T-1H12V-0	104200001101	7	220-240	16.7A*1	12	200	Phase-Cut	842	310*60*45
EUP200T-1H24V-0	104200011101	7	220-240	8.3A*1	24	200	Phase-Cut	842	310*60*45

### Standard

Item No.	Product No.	Product pictures	Input Voltage VAC	Output Current Channel	Output Voltage	Output Power (W)	Dim Mode	G.W. g	Size mm
EUP40T-1W12V-0	104200121201	2	200-240	3.3A*1	12VDC	40	Phase-Cut	210	137*82*31
EUP40T-1W24V-0	104200111201	2	200-240	1.6A*1	24VDC	40	Phase-Cut	210	137*82*31
EUP75T-1H24V-0	104200270201	6	220-240	3.1A*1	24VDC	75	Phase-Cut	320	224*59*35
EUP75T-1H12V-0	104200001201	4	200-240	6.2A*1	12VDC	75	Phase-Cut	414	204*54*33
EUP75T-1H24V-0	104200011201	4	200-240	3.1A*1	24VDC	75	Phase-Cut	414	204*54*33
EUP150T-1H24V-0	104200051201	5	220-240	6.25A*1	24VDC	150	Phase-Cut	842	260*78.3*45
MWS320T-1H24V	104200380201	8	220-240	13.3A*1	24VDC	320	Phase-Cut	1500	317*70*44

### Apply lamps and lanterns



# Phase-Cut Constant Current Dimmable Drivers

## Description

Support Leading edge (Phase-Cut) and Trailing edge (ELV), suitable for constant current LED lightings, such as LED down light, COB spot light, ceiling light, etc. Widely used in hotel, club, villa, market, office and home.

## Features

- Multi-current selection
- Smooth dimming curve
- Output short circuit protection and over current protection

## Advantages

- Excellent compatibility with major brand control system
- Built-in MCU (Micro controller unit), support both log curve and linear dimming (switchable)
- Secondary-level structure, output ripple current less 3%
- Security isolation, provide security level
- Dimming depth 1%, dimming range 1% to 100%
- Load range 10%-100%
- Support Leading edge (Phase-Cut) and Trailing edge (ELV)



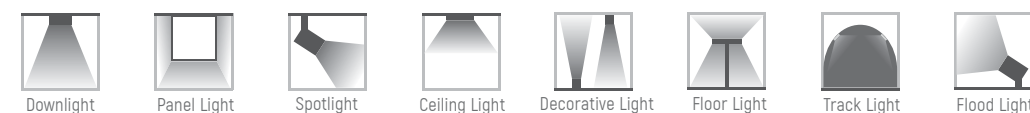
### Premium

Item No.	Product No.	Product pictures	Input Voltage VAC	Output Current Channel	Output Voltage [VDC]	Output Power [W]	Dim Mode	G.W. g	Size mm
EUP10T-1HMC-0	104100110101	2	220-240	120/180/240/300mA*1	9-40	10	Phase-Cut	125	150*43*29
PUP10T-1LMC-350	104100230101	5	120	120/150/180/210/250/300/320/350mA*1	9-42	10	Phase-Cut	120	75*35*26.5
PUP10T-1LMC-700	104100240101	5	120	350/400/450/500/550/600/650/700mA*1	2-21	10	Phase-Cut	120	75*35*26.5
PCS10T-1HMC	105100000101	6	220-240	150/180/210*1	25-45	10	Phase-Cut	100	118*50*25
EUP12T-1HMC-0	104100090101	2	220-240	200/250/300/350mA*1	9-40	12	Phase-Cut	125	150*43*29
PCS15T-1HMC	105100010101	6	220-240	250/300/350*1	25-45	15	Phase-Cut	100	118*50*25
EUP15T-1HMC-0	104100020101	2	220-240	350/400/450/500mA*1	9-40	15	Phase-Cut	125	150*43*29
EUP20T-1HMC-0	104100000101	2	220-240	350/400/450/500/550/600/650/700mA*1	9-40	20	Phase-Cut	130	150*43*29
PUP20T-1LMC	104100150101	5	120	350/400/450/500/550/600/650/700mA*1	9-45	20	Phase-Cut	200	88*43*26.5
EUP30T-1HMC-0	104100002101	3	220-240	550/600/650/700/750/800/850/900mA*1	9-42	30	Phase-Cut	150	185*43*29
PUP40T-1LMC-850	104100180101	5	120	500/550/600/650/700/750/800/850mA*1	9-48	40	Phase-Cut	260	121*44*26.5
PUP40T-1LMC-1200	104100170101	5	120	850/900/950/1000/1050/1100/1150/1200mA*1	9-42	40	Phase-Cut	260	121*44*26.5

### Standard

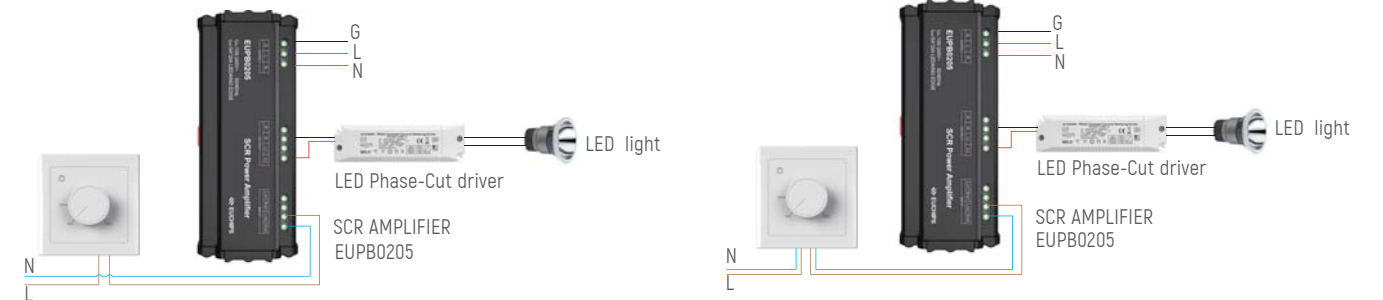
Item No.	Product No.	Product pictures	Input Voltage VAC	Output Current Channel	Output Voltage [VDC]	Output Power [W]	Dim Mode	G.W. g	Size mm
EUP10T-1HMC-0-120	104100101201	1	220-240	120/150/180/200/240/270/300/350mA*1	9-42	10	Phase-Cut	90	110*30*22
EUP10T-1HMC-0-350	104100141201	1	220-240	350/400/450/500/550/600/650/700mA*1	2-21	10	Phase-Cut	90	110*30*22
EUP12T-1HMC-0	104100014201	2	200-240	180/240/300mA*1	9-42	12	Phase-Cut	130	150*43*29
EUP15T-1HMC-0	104100024201	2	200-240	280/350/450mA*1	9-42	15	Phase-Cut	130	150*43*29
EUP20T-1HMC-0	104100003201	2	200-240	350/500/550/700mA*1	9-40	20	Phase-Cut	130	150*43*29
EUP30T-1HMC-0	104100032201	2	200-240	600/700/800/900mA*1	9-45	30	Phase-Cut	130	150*43*29
EUP45T-1WMC-0	104100061201	4	200-240	500/700/900/1050mA*1	33-65	45	Phase-Cut	225	137*82*31
EUP60T-1HMC-0	104100071201	4	200-240	900/1050/1200/1400mA*1	9-66	60	Phase-Cut	210	137*82*31

## Apply lamps and lanterns



# LED Power Amplifier Phase-Cut

## Wiring Diagram



## Features

- Increase master controller or dimmer load capacity
- Standard 35 mm din rail, convenient installation
- Accept leading edge (Phase-Cut) and trailing edge (ELV)
- Suitable for use with TRIAC dimming driver, incandescent, low voltage, neon and selected fluorescent fixtures.

## Advantages

- Pioneer of power amplifier with multi-channel and high power
- Provide perfect solution to phase cut dimmer and master controller under loading
- Ensure the dimming effect consistent before and after using power amplifier



Item No.	Input Voltage VAC	Output Current Channel	Output power W	G.W. g	Size mm
EUPB0205	100-240	5A*2	2200(220V)	900	210*96.5*65.4
EUPB0105	100-240	5A*1	550(110V)	380	121.5*93.4*63.2
EUPB0110	100-240	10A*1	1100(110V) /2200(220V)	700	175*9.34*63.2

## Triac/ELV Master Controller

### Features

- Dimming brightness difference can be adjusted by adjustable resistance
- Over current and short circuit protection. Power LED to indicate dimmer current status
- 0-100% brightness control, smooth dimming curve with no flicker

### Advantages

- No flicker in HD recording
- Controlled by PWM (Pulse-Width Modulation), not change color rendering index



Item No.	Input Voltage VDC	Output Current Channel	Output Power W	Dim Mode	Dimming Voltage VAC	G.W. g	Size mm
DIM105	12-24	15A*1	180-360	Phase-Cut	40-220	114	167*52*24

# Phase-Cut Instruction Manual Push/Rotary LED Dimmer

## Features

- Suitable for both retrofit and new installations
- Live Only two wire connection - no neutral required
- Soft-start for lamp and driver life
- Inbuilt Overload, short-circuit, over current, over temperature protection



Item No.	Input Voltage VAC	Load range W	Dim Mode	G.W. g	Size mm
Walldim107	220-240	5-150	Phase-Cut	140	63.15*26*41.6

## Instruction Manual Rotary Dimmer Switch

## Features

- Suitable for both retrofit and new installations
- Live Only two wire connection - no neutral required
- Soft-start for lamp and driver life
- Inbuilt Overload, short-circuit, over current, over temperature protection



Item No.	Input Voltage VAC	Load range W	Dim Mode	G.W. g	Size mm
Walldim108	220-240	10-150	Phase-Cut	140	55.5*23.4*23.4

# Triac/ELV Dimmer Phase-Cut

## Features

- Support Leading edge (Phase-Cut) and Trailing edge (ELV) dimming power supply, incandescent, etc.
- High flame retardant material, high temperature resistance impact
- Elegant, easy to operate, with fashionable and elegant appearance
- Can directly replace the existing wall switch

## Advantages

- Compatible with EUCHIPS drivers, smooth dimming curve and no flicker
- Convenient wiring without removing shell, compatible electric box for countries
- Multi-function and support Leading edge (Phase-Cut) and Trailing edge (ELV) dimming



Item No.	Input Voltage VAC	Load range W	Dim Mode	G.W. g	Size mm
Walldim105E1	220-240	4-500	Phase-Cut	140	86*86*44



Item No.	Product pictures	Input Voltage VAC	Inductance load W	Dim Mode	Standby power	G.W. g	Size mm
Walldim108W	1	220-240	LED 220 Incandescent lamp 300	Phase-Cut	≤0.5W	140	86*86*53.5
Walldim109W	2	220-240	LED 220 Incandescent lamp 300	Phase-Cut	≤0.5W	140	86*86*43

## SCR Dimming Compensator



## Features

- Active compensation
- Wide input voltage of 100-240VAC
- Suitable for TRIAC circuit load compensation

## Advantages

- Improve phase cut dimmer compatibility as well as with LED load

Item No.	Input Voltage VAC	Power (Typical) VAC	Current VAC	G.W. g	Size mm
Triac Bleeder TB01	100VAC - 240	3W@115 / 1.5W@230	37mA@115 / 24mA@230	75	73*36*29



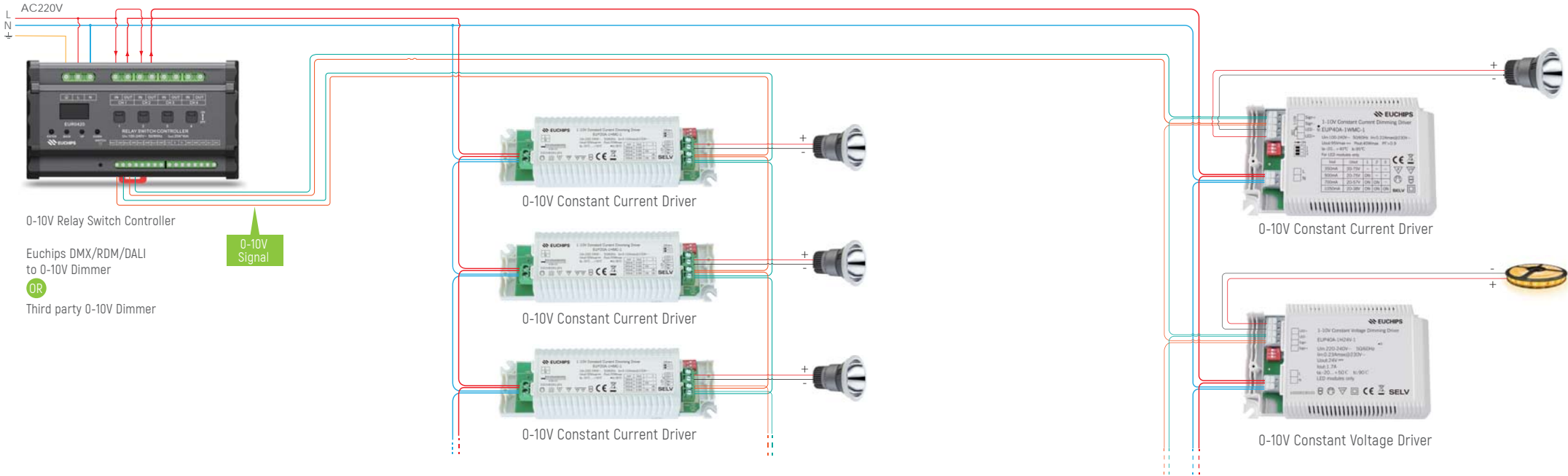
# 0/1-10V Series

Euchips' 0-10V/1-10V dimmable drivers solve the compatible problem between fluorescent lamps and LED lamps very successfully. They are widely used with various of capacity dimming system to control the LED ceiling lights, LED downlights, LED panel lights, LED wallwashers, LED strip lights and so on. Our 0-10V/1-10V dimmers support both linear and logarithmic dimming curve, dimming the lights very smoothly and are compatible with various famous lighting control systems, such as Lutron, Dynalite, Schneider, Clipsal, Osram, Philips, ABB and so on.

0/1-10V



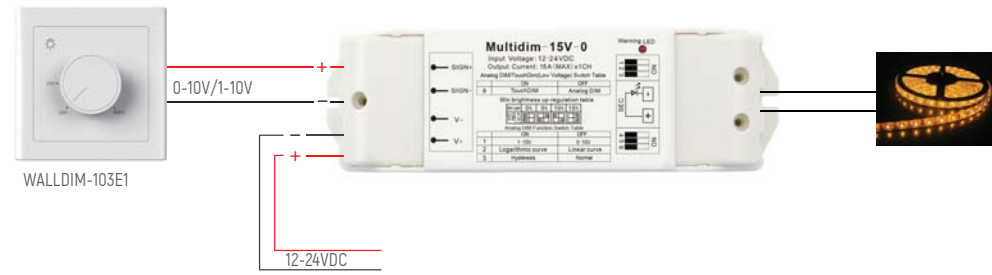
## Restaurant lighting control solution



# 0/1-10V Wiring Diagram

# Constant Voltage Dimmable Drivers 0/1-10V

## Constant Voltage Dimmer Series



## Constant Voltage Analog Dimmer Series (Tunable White)



## Constant Current Dimmable Driver Series



## Description

Our drivers work effectively with Lutron, controllers, supporting both 1-10V active dimming way and 1-10V passive dimming way, with smooth dimming curve and are flicker free.

They are widely used in dimming the brightness of various kind of constant voltage luminaries, such as LED strip, MR16, etc. With full dimming range of 0-100% according to the 1-10V output signals.

Added function of Short circuit protection, over voltage protection and over load protection

## Features

- Smooth dimming curve, flicker-free
- Customized Dimming curve, improving dimming effect
- No minimum load requirement
- Can be used as normal driver when signal suspending.
- Short circuit/ Over voltage/ Over load protection

## Advantages

- PWM digital dimming way, do not change color rendering index(CRI)
- With MCU built-in, can be customized liner or logarithmic dimming curve
- Supporting 3-in-1 dimming way, (0-10v active signal/PWM signal/adjustable resistor)
- LED can start at 1%, 1-100% full dimming range



Premium

Item No.	Product No.	Input Voltage VAC	Output Current Channel	Output Voltage VDC	Output power W	Dim Mode V	G.W. g	Size mm
EUP12A-1H12V-1	103200002101	220-240	1A*1	12	12	0/1-10	85	78*36*29

Standard

Item No.	Product No.	Input Voltage VAC	Output Current Channel	Output Voltage VDC	Output power W	Dim Mode V	G.W. g	Size mm
EUP12A-1W12V-1	103200191201	100-240	1A*1	12	12	0/1-10	85	78*36*29

Compatible with MR16



# 0/1-10V Constant Voltage Dimmable Drivers

## Description

Our drivers work effectively with Lutron, DALITEK master controller, supporting both 1-10V active dimming way and 1-10V passive dimming way, with smooth dimming curve and are flicker free. They are widely used in dimming the brightness of various kind of constant voltage luminaries, such as LED strip, MR16, etc. With full dimming range of 0-100% according to the 1-10V output signals. Added function of Short circuit protection, over voltage protection and over load protection

## Features

- Smooth dimming curve, flicker-free
- Customized Dimming curve, improving dimming effect
- No minimum load requirement
- Can be used as normal driver when signal suspending.
- Short circuit/ Over voltage/ Over load protection

## Advantages

- PWM digital dimming way, do not change color rendering index(CRI)
- With MCU built-in, can be customized liner or logarithmic dimming curve
- Supporting 3-in-1 dimming way, (0-10v active signal/PWM signal/adjustable resistor)
- LED can start at 1%, 1-100% full dimming range



### Premium

Item No.	Product No.	Product pictures	Input Voltage VAC	Output Current Channel	Output Voltage VDC	Output power W	Dim Mode V	G.W. g	Size mm
EUP24A-1H24V-1	103200011101	1	220-240	1A*1	24	24	0/1-10	150	150*43*29
LCP40A-1H24V	TBD	8	220-240	1.65A*1	24	40	0/1-10	150	185*42.5*28.5
MUP60A-1W12V	103200370101	5	120-277	5A*1	12	60	0/1-10	700	242*44*30
MUP60A-1W24V	103200380101	5	120-277	2.5A*1	24	60	0/1-10	700	242*44*30
EUP75A-1H24V-1	103200091101	3	220-240	3.1A*1	24	75	0/1-10	460	213*54*33
LCP75A-2W24V	103200560101	7	120-277	3.125A 2	24	75	0/1-10	340	295*40*32
LCP75A-1H24V	103200540101	7	220-240	3.125A*1	24	75	0/1-10	400	295*40*32
MUP96A-1W12V	103200360101	5	120-277	8A*1	12	96	0/1-10	700	242*44*30
MUP96A-1W24V	103200310101	5	120-277	4A*1	24	96	0/1-10	700	242*44*30
EUP135A-1W12V-1	103200101101	6	100-240	11.25A*1	12	135	0/1-10	662.5	206*75*40
EUP150A-1W24V-1	103200041101	6	100-240	6.25A*1	24	150	0/1-10	662.5	206*75*40
LCP150A-1H24V	103200520101	7	220-240	6.25A*1	24	150	0/1-10	430	295*40*32
LCP150A-2W24V	103200550101	7	120-277	6.25A 2	24	150	0/1-10	340	360*40*32
LCP240AD-1H24V	100200080101	2	220-240	10A*1	24	240	0/1-10 DALI	730	360*40*32

### Standard

Item No.	Product No.	Product pictures	Input Voltage VAC	Output Current Channel	Output Voltage VDC	Output power W	Dim Mode V	G.W. g	Size mm
EUP75A-1H12V-1	103200041201	3	220-240	3.1A*1	24	75	0/1-10	460	213*54*33
EUP75A-1H24V-1	103200051201	3	220-240	3.1A*1	24	75	0/1-10	460	213*54*33

# Ultra-Thin Waterproof Dimming Driver 0/1-10V

## Description

0/1-10V dimming options can be used for DC constant voltage LED lamps.

## Features

- Wide input voltage range 100 - 240 volts, PF > 0.95
- The die-casting shell is integrally formed, and the product meets the structural requirements of Class I power supply
- Adopting high quality potting compound with scientific proportion, the protection grade is as high as IP67
- Supporting 3-in-1 dimming way, (0-10v active signal/PWM signal/adjustable resistor)
- With overload, short circuit, over voltage, over temperature and other protection functions, and can automatically recover after the fault is removed
- Comply with CE/CB/ Enec/ SAA/ RoHS/ CCC and other certification requirements
- Built - in 2kV ~ 10kV lightning protection circuit ( depending on the product power )
- Ambient temperature range: to -25 °C - +50 °C
- Five - years warranty

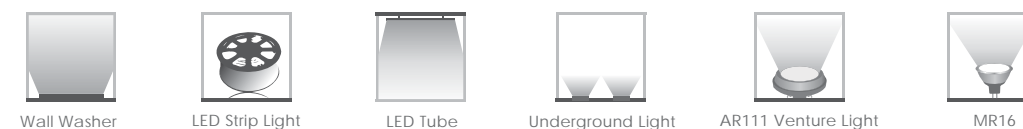
## Advantages

- High reliability
- Long life
- High efficient
- Complete protection function
- Low input surge current
- Low output ripple noise
- High Protection level



Item No.	Product No.	Product pictures	Input Voltage (V AC)	Output Channel	Output Voltage	Output Current(A)	Output Power(W)	Dim Mode	G.W. g	Size mm
UWP75A-1M12V	103200440101	1	100 - 240	1CH	12VDC	6.25	75	0/1-10	820	270*61*25
UWP75A-1M24V	103200420101	1	100 - 240	1CH	24VDC	3.13	75	0/1-10	820	270*61*25
UWP100A-1M12V	103200450101	1	100 - 240	1CH	12VDC	8.33	100	0/1-10	820	270*61*25
UWP100A-1M24V	103200430101	1	100 - 240	1CH	24VDC	4.17	100	0/1-10	820	270*61*25
UWP150A-1M12V	TBD	1	100 - 240	1CH	12VDC	12.5	150	0/1-10	820	270*61*25
UWP150A-1M24V	103200410101	1	100 - 240	1CH	24VDC	6.25	150	0/1-10	820	270*61*25
UWP150A-1M36V	TBD	1	100 - 240	1CH	36VDC	4.17	150	0/1-10	TBD	270*61*25
UWP150A-1M48V	TBD	1	100 - 240	1CH	48VDC	3.13	150	0/1-10	TBD	270*61*25
UWP240A-1M12V	103200480101	2	100 - 240	1CH	12VDC	20	240	0/1-10	1055	270*68*30
UWP240A-1M24V	103200470101	2	100 - 240	1CH	24VDC	10	240	0/1-10	1055	270*68*30
EUCP320A-1H24V	TBD	3	100 - 277	1CH	24VDC	13.33	320	0/1-10	TBD	225*68*38.5

## Apply lamps and lanterns





# 0/1-10V Constant Current Dimmable Drivers

## Description

Our Constant current dimmable drivers are widely used in various indoor LED illumination, such as LED constant current spot light, down lights, panel lights. Single channel output, switchable output current level, supporting 1-10V dimming way, 100-240 VAC wide voltage input, 84%-88% high effectiveness. With active PFC function built-in, our dimmable drivers can be used as normal drivers when signal suspending. Having smooth dimming curve and flicker-free. With short-circuit function, being widely used in various indoor LED illuminations.

## Features

- Single channel output, switchable output current level
- Supporting 1-10V dimming way, active/passive
- Having active PFC function built-in
- Can be used as normal drivers when signal suspending

## Advantages

- 3-in-1 dimming
- With MCU built-in, customized Logarithm or Linear dimming curve
- Secondary-level structure, less than 3% low-frequency ripple output
- With security isolation function, having higher security level
- LED start from 1%, dimming range from 1-100%
- 10%-100% on-load range



Premium

Item No.	Product No.	Product pictures	Input Voltage	Output Current Channel	Output Voltage (VDC)	Output power (W)	Dim Mode V	G.W. g	Size mm
EUP10A-1HMC-1	103100291101	1	220-240	120/180/240/300mA*1	9-40	10	0/1-10	125	150*43*29
PUP10A-1WMC-350	103100710101	6	100-240	120/150/180/210/260/270/320/350mA*1	9-42	10	0/1-10V	120	75*35*26.5
PUP10A-1WMC-700	103100720101	6	100-240	350/400/450/500/550/600/650/700mA*1	2-21	10	0/1-10V	120	75*35*26.5
EUP10A-1HMC-300-M	103100790101	7	220-240	120/180/240/300mA*1	9-42	10	0/1-10	75	89*41*29
EUP10A-1HMC-700-M	103100780101	7	220-240	350/500/550/700mA*1	2-21	10	0/1-10	75	89*41*29
EUP12A-2HMC	103101030101	1	220-240	120/150/180/210/260/290/320/350mA*1	9-42	12	0/1-10	110	150*43*29
EUP12A-1HMC-1	103100281101	1	220-240	200/250/300/350mA*1	9-40	12	0/1-10	125	150*43*29
EUP15A-1HMC-1	103100271101	1	220-240	350/400/450/500mA*1	9-40	15	0/1-10	125	150*43*29
EUP20A-2HMC	103100920101	1	220-240	350/400/450/500/550/600/650/700mA 2	9-42	20	0/1-10	TBD	150*43*29
EUP20A-1HMC-1	103100261101	1	220-240	350/500/550/700mA*1	9-40	20	0/1-10	125	150*43*29
PUP20A-1WMC	103100730101	6	100-240	350/400/450/500/550/600/650/700mA*1	9-45	20	0/1-10V	200	88*43*26.5
EUP30A-1HMC-1	103100240101	1	220-240	550/600/650/700/750/800/850/900mA*1	9-45	30	0/1-10	155	150*43*29
EULP35A-1H1400C-0	103100360101	4	220-240	1400mA*1	9-27	35	0/1-10	275	360*30*21
EUP40A-1HMC-1	103100231101	2	220-240	850/900/950/1000/1050/1100/1150/1200mA*1	9-45	40	0/1-10	225	137*82*31
PUP40A-1WMC-850	103100750101	6	100-240	500/550/600/650/700/750/800/850mA*1	9-48	40	0/1-10V	260	121*44*26.5
PUP40A-1WMC-1200	103100740101	6	100-240	850/900/950/1000/1050/1100/1150/1200mA*1	9-42	40	0/1-10V	260	121*44*26.5
AWS50A-UMC-1000C	103100850101	8	100-277	500~2100mA (默认:1000mA)	22-54	50	0/1-10	400	105*63*32
EUP50A-1HMC-1	103100221101	2	220-240	1050/1100/1150/1200/1250/1300/1350/1400mA*1	9-45	50	0/1-10	225	137*82*31
EUP50A-1HMC-M	103100950101	9	220-240	800/900/1000/1050/1100/1200/1300/1400mA*1	9-45	50	0/1-10	TBD	185*42.5*28.5
EULP50A-1H1400C-0	103100350101	4	220-240	1400mA*1	9-35	50	0/1-10	275	360*30*21
EUP60A-1HMC-1	103100061101	3	200-240	1050/1200/1400mA*1	9-58	60	0/1-10	365	203*54*33

# Constant Current Dimmable Drivers 0/1-10V

## Standard

Item No.	Product No.	Product pictures	Input Voltage VAC	Output Current Channel	Output Voltage VDC	Output power W	Dim Mode V	G.W. g	Size mm
EUP10A-1HMC-1-120	103100401201	5	220-240	120/150/180/200/240/270/300/350mA*1	9-40	10	0/1-10	120	110*30*22
EUP10A-1HMC-1-350	103100411201	5	220-240	350/400/450/500/550/600/650/700mA*1	2-21	10	0/1-10	120	110*30*22
EUP12A-1HMC-1	103100101201	1	220-240	180/240/300mA*1	9-40	12	0/1-10	120	150*43*29
EUP15A-1HMC-1	103100111201	1	220-240	280/350/450mA*1	9-40	15	0/1-10	120	150*43*29

## Constant Current Dimmable Drivers

### Description

Mainly used for monochrome constant current lamp dimming, set dimmer and driver as one of the dimming driver. To achieve bright lighting regulation with 1-100% dimming.

### Features

- MCUs built-in, customizable log curve, linear dimming curve
- Secondary-level structure, less than 3%
- Safe isolation, provide a more secure level
- Dimming depth: 1% Dimming range: 1%- 100%
- Load range: 10% - 100%



Item No.	Input Voltage VAC	Output Current Channel	Output Voltage (VDC)	Output power (W)	Dim Mode V	G.W. g	Size mm
LWP13A-1H300C	220-240	300mA*1	9-42	12.6	0/1-10	350	136*50*41
LWP19A-1H450C	220-240	450mA*1	9-42	19	0/1-10	350	136*50*41
LWP22A-1H600C	220-240	600mA*1	9-36	21	0/1-10	350	136*50*41
LWP40A-1H950C	220-240	950mA*1	9-42	40	0/1-10	637	167*50*41
LWP45A-1H1050C	220-240	1050mA*1	9-42	45	0/1-10	637	167*50*41

⚠️ **I** This product is one current output, please confirm the current with sales before the order.  
MOQ: 500pcs

# 0/1-10V Constant Voltage Dimmer

# 0-10V Panel Controller

## Description

Mainly used for dimming the brightness of the led strips and LED modules, or use the 1-10V signal to dimming the brightness; suitable for various kinds of led modules.

## Features

- Support the short circuit, over current protection and alarm function
- Increase delay processing and increase anti-interference
- Increase fade to fade effect, dimming is much smoother.

## Advantages

- Support 3-in-1 dimming function
- PWM digital dimming, CRI will not be changed.
- Built-in MCU, customized Logarithmic or Linear dimming curve
- Support 3-in-1 dimming functions (0-10V /1-10V active signal /Adjustable resistance / PWM)
- Dimming depth is 1%, dimming scale is 1%-100%



Item No.	Product pictures	Input Voltage VDC	Output Current channel	Output power W	Dim Mode V	Multifunction Switch	G.W. g	Size mm
DIM-S1L10V-0	1	12-24	10A*1	120-240	0/1-10	No Support	100	167*51*24
DIM-S2L8V-0	1	12-24	8A*2	192-384	0/1-10	No Support	100	167*51*24
DIM119	1	12-24	15A*1	180-360	0/1-10	No Support	130	167*51*24
DIM116	2	12-24	5A*3	180-360	0/1-10	No Support	141	165*42*26
Multidim-15V-0	1	12-24	15A*1	180-360	0/1-10	Support	93	167*51*24
DIM151A-DIN	3	12-24	15A*1	180-360	0/1-10	No Support	85	112*35*67

## Analog signal amplifier

### Features

- For higher the output power of the synchronized changing signal
- Built with high quality amplification devices, the output capacity reach to 200mA
- Mainly used for the occasion when the master controller's signal is insufficient.

### Advantages

- Input 0-10V /1-10V active signal, Adjustable resistance, PWM signals
- With the strong ability of pulling and filling current



Item No.	Input Voltage	Output Current channel	Output Voltage VDC	Input Signal	G.W. g	Size mm
EUC601	15-48VDC	200mA*1	0/1-10	0-10V active signal, resistance/passive signal, or PWM signal	90	168*39.4*30

## Description

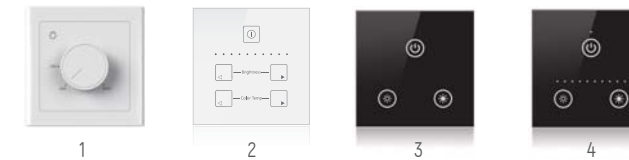
Walldim series are designed to be high-end, multi-functions touch panel controllers, with characteristics of fashionable and beautiful appearance, complete functions, easy operations, sensitive key touch. It is mainly used with 0-10V dimming controllers. It can realize 0-10V smooth dimming according to different requirements. Usually, the signal input current of our 0-10V/1-10V dimmable drivers are less than 1mA, it's easy to calculate the quantity of the dimmable drivers that can connect to our wall dimmers, based on the output signal current of the wall dimmers.

## Features

- 0-10V dimming mode, dimming curve is smooth
- Touch control buttons, easy operations
- Glass materials, with fashionable and beautiful appearance

## Advantages

- With wire cut function (WALLDIM103E1)
- Conform to the European rules, the installation box is the national standard (except PA112U)



Item No.	Product pictures	Input Voltage VDC	Output Channel	Output Current Channel	Output Signal VDC	G.W. g	Size mm
WALLDIM103E1	1	/	1	/	0/1-10	140	86*86*42
WALLDIM202	2	12-15	2	50mA*2	0/1-10	140	86*86*26
WALLDIM201	4	15-48	1	150mA*1	0/1-10	125	86*86*10

Item No.	Product pictures	Input Voltage VAC	Output Channel	Output Current Channel	Output Signal VDC	G.W. g	Size mm
WALLDIM200	3	90-265	1	50mA*1	0/1-10	194	86*86*38

## Magnetic guide Driver



Item No.	Product No.	Input Voltage VDC	Output Current Channel	Output Voltage (VDC)	Output power (W)	Dim Mode V	G.W. g	Size mm
BMP28A-1SMC	203100000101	48V	350/500/550/700mA*1	9-40	28	0/1-10	TBD	125*14.5*10

# DALI/1-10V Five In One Dimming Drivers

# Hybrid

# Power Amplifier

## Constant Current Dimmable Drivers

### Features

- Single channel constant current output, selectable multilevel current
- Efficiency 82%
- Active PFC
- Smooth dimming curves, without flick
- Short circuit, overload, over temperature functions
- Suitable for indoor LED lamps, such as LED downlight and panel light.

### Advantages

- PWM digital dimming, CRI will not be changed.
- Built-in MCU, customized Logarithmic or Linear dimming curve
- Second level of security isolation, output ripple is less than 3%
- Load range 10%-100%
- Support five in one dimming (DALI/1-10V active signal /PWM signal / adjustable resistance/Touch DIM)



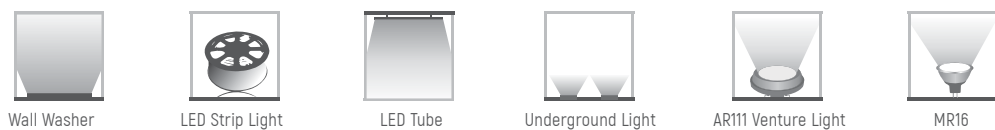
Item No.	Product pictures	Product No.	Input Voltage VAC	Output Current Channel	Output Voltage VDC	Output power W	Touch DIM	G.W. g	Size mm
EUP12AD-1HMC-M	1	100100150101	220-240	120/150/180/200/240/270/300/350mA*1	9-45	12	Support	TBD	150*43*29
EUP20AD-1HMC-M	1	100100110101	220-240	350/400/450/500/550/600/650/700mA*1	9-45	20	Support	TBD	150*43*29
EUP30AD-1HMC-M	1	100100120101	220-240	550/600/650/700/750/800/850/900mA*1	9-45	30	Support	TBD	150*43*29
EUP40AD-1HMC-M	4	100100160101	220-240	750/800/850/900/950/1000/1050/1100mA*1	9-45	40	Support	TBD	185*43*29
PSP45AD-1HMC		102100890101	200-240	500/600/700/800/900/1050/1200/1400mA*1	19-52	45	Support	272	180*70*32
PCP45AD-1HMC		100100100101	220-240	700/750/800/850/900/950/1000/1050mA*1	9-45	45	Support	162	103*68*30
EUP50AD-1HMC-M	4	100100130101	220-240	800/900/1000/1050/1000/1200/1300/1400mA*1	9-45	50	Support	TBD	185*43*29

## Constant Voltage Dimmable Drivers



Item No.	Product pictures	Product No.	Input Voltage VAC	Output Current Channel	Output Voltage VDC	Output power W	Touch DIM	G.W. g	Size mm
LCP40AD-1H12V	1	102200650101	220-240	3.3A*1	12	40	Support	200	185*42.5*28.5
LCP40AD-1H24V	1	102200640101	220-240	1.65A*1	24	40	Support	150	185*42.5*28.5
LCP75AD-1H12V	2	100200040101	220-240	6.25A*1	12	75	Support	400	295*40*32
LCP75AD-1H24V	2	100200050101	220-240	3.125A*1	24	75	Support	400	295*40*32
LCP120AD-1H12V	2	102200620101	220-240	10A*1	12	120	Support	430	295*40*32
LCP150AD-1H24V	2	102200630101	220-240	6.25A*1	24	150	Support	430	295*40*32
EULP120AD-1H12V	3	100200070101	220-240	10A*1	12	120	Support	350	360*30*21
EULP150AD-1H24V	3	100200060101	220-240	6.25A*1	24	150	Support	350	360*30*21
EUP200AD-1H12V-0	4	100200001101	220-240	17A*1	12	200	Support	865	310*60*45
EUP200AD-1H24V-0	4	100200012101	220-240	8.3A*1	24	200	Support	865	310*60*45

### Apply lamps and lanterns



### Description

LED power amplifiers offer the users various solutions and are suitable for different situations, with the input voltage of 12-24VDC, they can be used in single color, RGB and RGBW lamps, maximum output power to be 720W. They are also designed with different appearances for various installations.

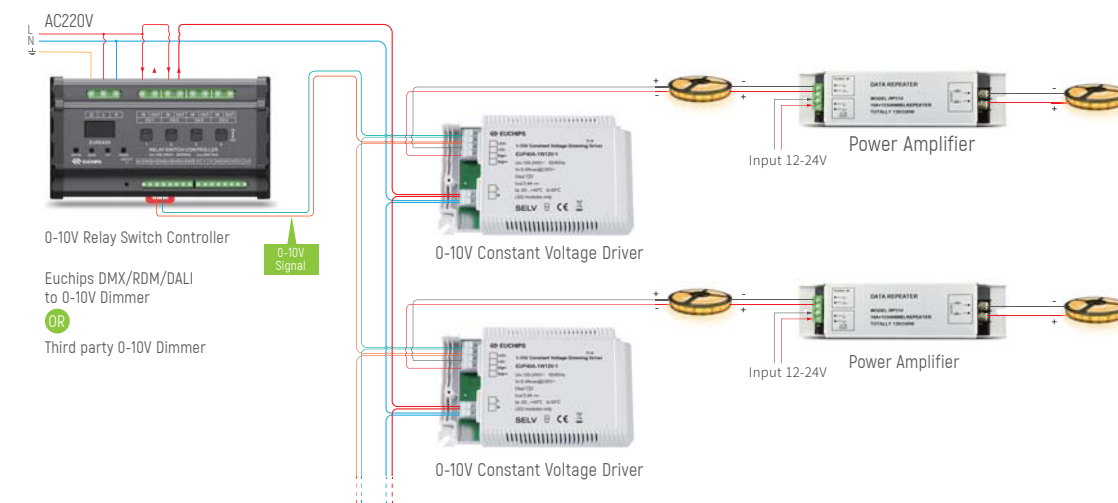
### Features

- For the amplification of power of constant voltage LED controllers
- Controlled by PWM (Pulse-Width Modulation)
- For all kinds of constant voltage LED lamps and modules
- Theoretically, limitless LED modules can be connected if many power amplifiers are in cascade connection

### Advantages

- Constant Current Waterproof NFC Programmable Dimming Driver

### Power Amplifier application drawing



Item No.	Product pictures	Input Voltage VDC	Output Current A*Channel	Output Voltage VDC	Output power W	G.W. g	Size mm
RP1-10A-DIN	1	12-24	10A*1	12-24	120-240	90	112*35*67
RP3-5A-DIN	1	12-24	5A*3	12-24	180-360	100	112*35*67
RP310	2	12-24	10A*1	12-24	120-240	138	165*42*26
RP306	2	12-24	5A*3	12-24	180-360	142	165*42*26
RP306W	3	12-24	3A*3	12-24	108-216	208	200*31*21
RP316	4	12-24	6A*3	12-24	216-432	80	168*51*22
RP416	4	12-24	5A*4	12-24	240-480	120	168*51*22
RP530	5	12-24	10A*3	12-24	360-720	225	82.4*91*25



# DMX/RDM Series

DMX 512 protocol is a Digital Multiplex protocol developed by USITT, the American Theater Technology Association. Because of its simplicity and practicality, it has been widely recognized by manufacturers and users all over the world since its introduction. More and more manufacturers are producing or adopting DMX 512 digital dimming equipment.

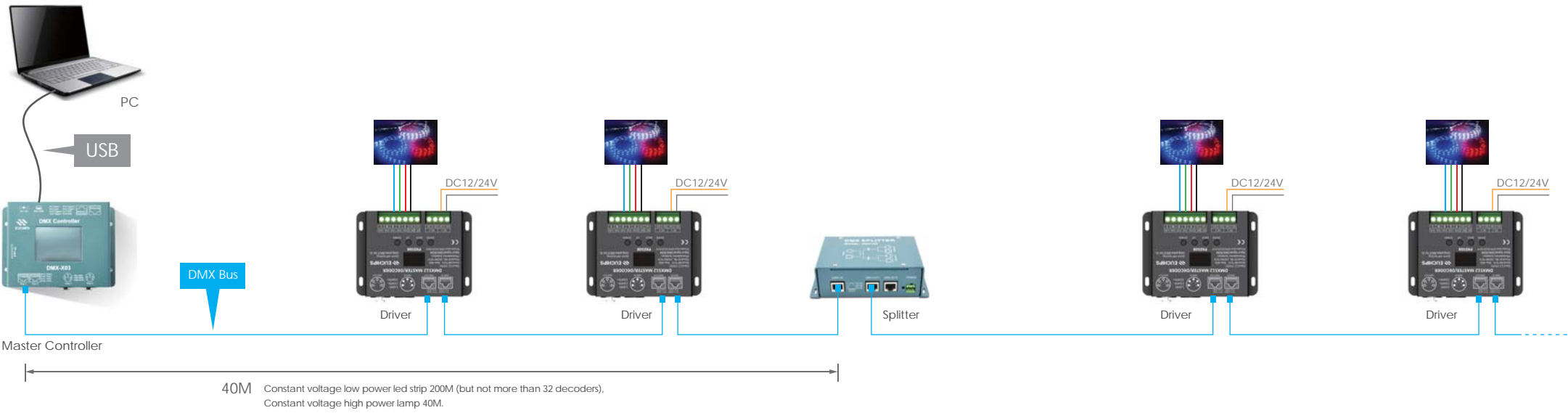
DMX is the abbreviation of Digital Multiplex, meaning multiplex digital transmission. DMX 512 control protocol is the industry standard for data transmission between lighting controller and lighting equipment issued by USITT in 1990. Its full name is USITT DMX 512 (1990), including electrical characteristics, data protocol and data format.

Euchips is currently one of the few suppliers in the world to provide a complete set of DMX and RDM solutions. We provide DMX master controller and editing software, sub-controller and DMX power supplies, DMX signal amplifiers, and various signal converters. For example, DMX to relay, DMX to 0 - 10V, DMX to SCR dimming and other rich product lines. The sub-controllers provide 1 channel dimming, 2 channel color temperature dimming, 3 channel RGB, 4 channel RGBW, 5 channel RGBW and 8/ 12/ 24/ 32 channel sub - controllers.

DMX



## Hotel facade solution



### Multiple Protection, More Security

- Over Current
- Short Circuit
- Over Temperature

### Diversified Output Port

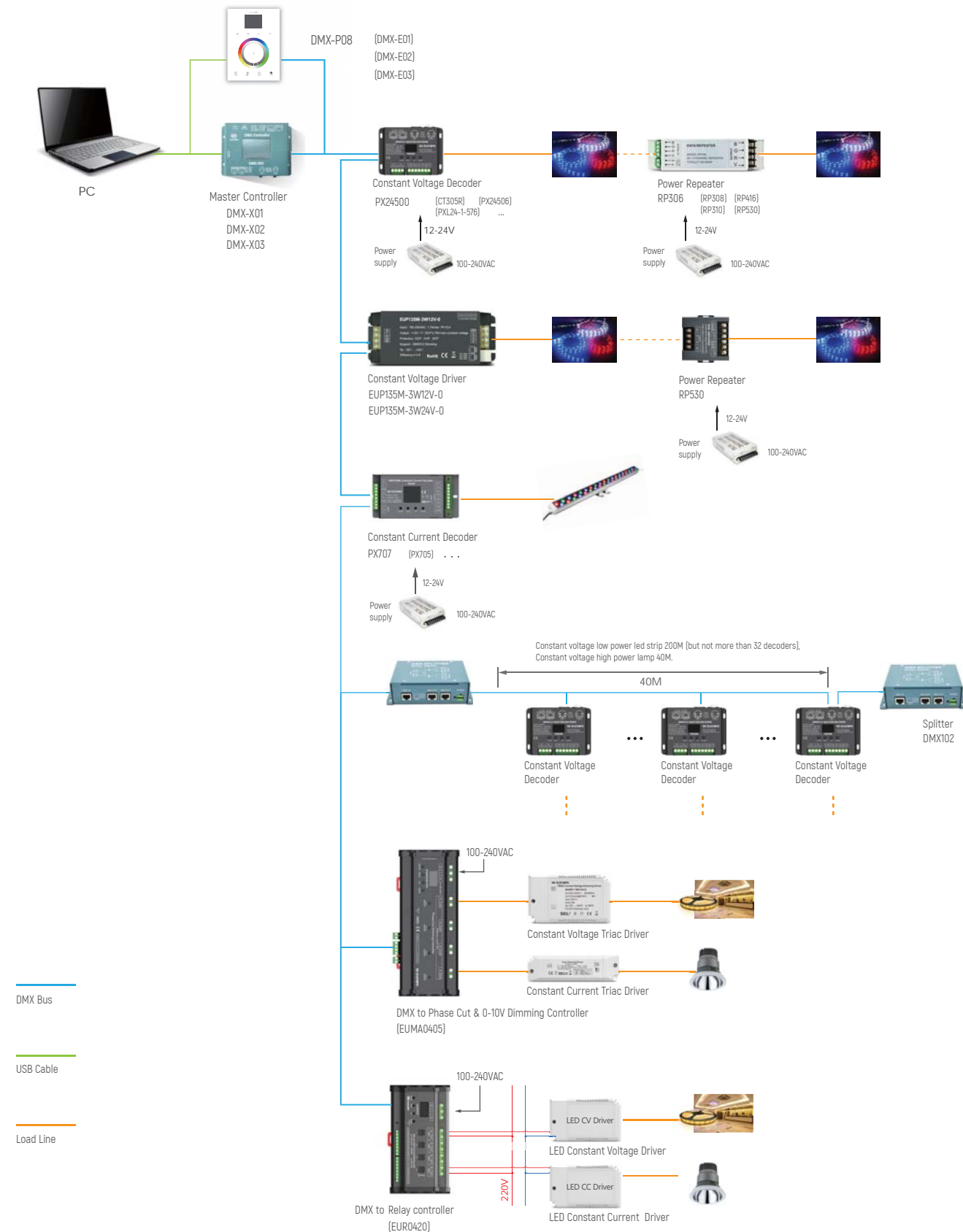
- Connector
- RJ45
- XLR-5

### OLED Screen

OLED screen and four buttons, make the operation more intuitive and more convenient

Can be used as a master  
Master mode and sub-control mode can be switched  
Can be used to dim single color/CCT/RGB/RGBW/ RGBWY

# DMX System Structure



# Constant Voltage Decoders DMX

## Description

PWM constant voltage output, working with DMX control system and mainly used to control kinds of single color or RGB LED strips and constant voltage light sources. Green terminals, RJ45 and XLR interface are optional. Need 12-24VDC external power supply.

## Features

- Meets DMX512/1990
- 256-level brightness, full-color control
- Works with control system, can express perfect effect
- Can drive 1-4 channel of each lamp
- Can set the DMX address freely
- With anti-interference performance, over-heat and over-current protection, self-recovery function

## Advantages

- PWM digital dimming, not changing the color rendering index.
- No minimum loading required.



Item No.	Product pictures	Input Voltage VDC	Output Current Channel	Output Power W	Address Setting	DMX Interface	G.W. g	Size mm
PX24500	1	12-24	5A*3	180-360	DIP Switch	RJ45	263	177*41.5*33.5
DIM101M-DIN	2	12-24	5A*3	180-360	Button	Connector	90	112*35*67
PX24500A	3	12-24	8A*3	216-432	Button	Connector	160	168*51*22
PX24500D	3	12-24	5A*4	240-480	Button	Connector	160	168*51*22
PX24504	4	12-24	5A*4	240-480	DIP Switch	Connector	150	120*42*23
PX24505	5	12-24	6A*4	288-576	DIP Switch	RJ45/XLR-3	344	125*54*41
PX24506	6	12-24	3A*3	108-216	DIP Switch	Connector	136	86*51*18
PX0405	7	12-24	5A*4	240-480	DIP Switch	Connector/RJ45	240	140*50*26
PX0408	7	12-24	8A*4	384-768	DIP Switch	Connector/RJ45	240	140*50*26
PX0408A	7	12-24	8A*4	384-768	DIP Switch	Connector/RJ45	240	140*50*26
PX0508-OLED	8	12-24	8A*5	480-960	Button	RJ45/XLR-5	365	125*93*36
PX1205-OLED	9	12-24	5A*12	720-1440	Button	Connector/RJ45	432	164*93*36
PX2405-OLED	10	12-24	5A*24	1440-2880	Button	Connector/RJ45/XLR-5	819	290*93*36
PX3204-OLED	11	12-24	4A*32	1536-3072	Button	Connector/RJ45/XLR-5	846	302*93*36

# DMX Constant Current Decoders

## Description

PWM constant current output, working with DMX control system and mainly used for kinds of LED down lamps, tracklamps, ceiling lamps and constant current light sources. 12-48VDC input. Setting output currents and other parameters by Nixie tubes and DIP switches.

## Features

- Multiple output currents are optional
- Can set DMX address freely
- Modular, can be combined with LED lamps flexible
- Over-heat protection, output short circuit protection
- Constant Current Decoders

## Advantages

- PWM digital dimming, not changing the color rendering index.
- Loading range 10 -100%.



Item No.	Product pictures	Input Voltage VDC	Output Current Channel	Output Voltage Range	Address Setting	DMX Interface	G.W. g	Size mm
PX706	1	12-48	1050mA*4	3-42V	Button	Connector	185	167*51*24.5
PX707	2	12-48	200-1600mA*4	1-42V	Button	Connector	350	135*69*36
PX708	3	12-48	350/500/700mA*4	1-42V	Button	Connector	90	112*35*67

# DMX Constant Current Drivers



Item No.	Product pictures	Input Voltage VAC	Output Current Channel	Output Voltage Range W	G.W. g	Size mm
EUP20M-1HMC-0	1	220-240	350/500/550/700mA*1	20W	110	150*43*29
EUP50M-1WMC-0	2	100-240	500/650/700/850/1000/1050/1200mA*1	50W	220	137*82*31

# Signal Splitter DMX

## Description

DMX splitter is mainly used for amplifying the DMX512 digital lighting control signal, also it can make the signal isolation to guarantee the reliability of the whole control system.

When the distance between DMX master and first decoder /driver is more than 40m, quantity of DMX decoders/drivers is over 32 pieces, distance between decoders/drivers more than 40m, DMX splitter is needed.

## Feature

- Integrate signal isolation and relay functions
- Input and output signal are electrically isolated from each other, which can easily avoid the damage of electrical equipment
- Interface: RS-485

## Advantages

- Accurate dimming color
- Electrical isolation
- Stable signal transmission



Item No.	Product pictures	Input Voltage VDC	Transmission	Input Channel	Isolated Output	G.W. g	Size mm
DMX102	1	12-24	DMX	1	2	693	151*90*40
DMX103	3	12-24	DMX	1	1	220	123*59*23.5
DMX-104	5	90-240	DMX	1	4 Isolated +1 non-isolated	TBD	TBD
DMX-108	5	90-240	DMX	1	8 Isolated +1 non-isolated	2900	483*255*45

# DMX Constant Voltage Drivers

## Description

PWM constant voltage output, working with DMX control system and mainly used to kinds of single color orRGB LED strips and constant voltage light sources. 100-240AC input, external power supplies are not needed.

## Features

- Works with control system, with perfect effect
- Can set the DMX address freely
- Uses touchable color ring remote control, easy to operate
- With anti-interference performance, over-heat and over-current protection, self-recovery function

## Advantages

- High voltage power supply without external power supply
- Accurate dimming color



Item No.	Input Voltage VAC	Output Current Channel	Output Voltage V	Output Power W	Protocol	G.W. g	Size mm
EUP135M-3W12V-0	● 100-240	3.75A*3	12	135	DMX512(1990)	610	196*75*40
EUP150M-3W24V-0	● 100-240	2.08A*3	24	150	DMX512(1990)	610	196*75*40

# DMX X Series Master Controllers

# X Series Master Controllers DMX

## Description

DMX-X02 is a full-color LED DMX control system which focuses on indoor and outdoor decorative lighting, which can be used stand alone or with computer. It comprises scene-edit software. You can edit various lighting effects by downloading the programme which edit according to your special requirement from your PC. This control system can fulfill 256 grey levels for each R,G,B color, totally 16.77 million real full-color. The software has been developed specially for architectural lighting and features easy to use effects which can be dropped onto timelines, along with multi-zone and synchronization allowing you to program a project with multiple rooms and areas with ease



### Features

- Meets DMX512/1990
- 512 DMX Channels PC or Stand Alone
- USB 2.0 connection program by software
- Various Output Interface, XLR-3 / RJ45 / Green terminal
- SD card of internal memory
- Default scene triggering when power up
- Stand Alone Memory capacity: 5000 steps to 100 steps
- Compatible with any DMX fixture and DMX LED driver
- Euchips X-DMX software compatible

Item No.	Input Voltage	Protocol VDC	DMX Channels	Operation Mode	Connection	Software	G.W. g	Size mm
DMX-X02	5	DMX512(1990)	512	Stand Alone	XLR3, RJ45, Green Terminal	Euchips X-DMX	285	140*70*36

## Description

DMX-X03 is a full-color LED DMX control system which focuses on indoor and outdoor decorative lighting, which can be used stand alone or with computer. It comprises scene-edit software. You can edit various lighting effects by downloading the programme which edit according to your special requirement from your PC. This control system can fulfill 256 grey levels for each R,G,B color, totally 16.77 million real full-color. The software has been developed specially for architectural lighting and features easy to use effects which can be dropped onto timelines, along with multi-zone and synchronization allowing you to program a project with multiple rooms and areas with ease



### Features

- Meets DMX512/1990
- 1024 DMX Channels. Control 340 RGB Fixtures
- Real time clock and calendar for time triggers
- USB & Ethernet connectivity for programming and control
- Various Output Interface, XLR-3 / RJ45
- Micro SD card for stand alone use
- 4 external dry contacts can trigger 15 scenes
- Network communication
- Master/Slave mode to interconnect 64 interfaces (Stand Alone)
- Touch screen operation

Item No.	Input Voltage	Protocol VDC	DMX Channels	Operation Mode	Connection	Software	G.W. g	Size mm
DMX-X03	5V DC	DMX512 (1990)	1024	Stand Alone	XLR3, RJ45	Euchips X-DMX	378	130*93*39

## Signal Converter

### Description

Euchips signal converter can transfer them to same signal.



### Features

- Meet DMX512(1990) Protocol
- Support SPI chip WS2811B, WS2811F, WS2812, LPD6803, MBI6020, UCS2903 etc

Item No.	Input Voltage VDC	Output Current Channel	Input Signal	Output Signal	G.W. g	Size mm
PX24608	24	50mA*4	DMX512	0-10V/1-10V analog signal	243	177*41.5*33.5



Item No.	Input Voltage VDC	Input Signal	Output Signal	G.W. g	Size mm
PX24601	24	DMX512	SPI	243	177*41.5*33.5

# DMX E Series Touch Panel Controllers

## Description

Meets with DMX512 (1990) international standard protocol, with fashionable glass panel, ergonomic concave touch ring, Up to 16 channels to control the RGB lights and with 4 customized scenes, can meet most customer's requests.

## Features

- Meets DMX512 (1990) international standard protocol
- High precise touch sensitive keys and dimming ring
- Power cut memory function

## Advantages

- RGBW4 Channels Dimming
- Built-in 32 color modes



Item No.	Product pictures	Input Voltage VDC	Protocol	DMX Channel	Area	Scene	Dimmer	G.W. g	Size mm
DMX-E03	4	5	DMX512/1990	16	4	16	RGBW Adjust	200	146*106*11
DMX-E05	1	12	DMX512/1990	4	4	/	Brightness Adjust	110	86*86*10
DMX-E06	2	12	DMX512/1990	8	4	/	Color Temp. Adjust	110	86*86*10
DMX-E07	3	12	DMX512/1990	16	4	16	RGBW Adjust	110	86*86*10
DMX-E01L	5	5	DMX512/1990	4	4	16	Brightness Adjust	200	146*106*11
DMX-E02L	6	5	DMX512/1990	8	4	16	Color Temp. Adjust	200	146*106*11

## Touch Panel Controllers

## Description

With a stylish glass panel that can be installed on any walls easily. Supports stand alone mode, up to 512 \* 2-channel, can adjust scenes, speed or brightness based on the user's real-time applications, Support PC software pre-effect editing.

## Features

- Use tempered glass material, stylish appearance
- Sensitive keys, lively LCD screen
- USB or Ethernet connection, programmable by PC software
- 4 external dry contacts can trigger 15 scenes
- Wall mounted

## Advantages

- Using ultra-high hardness tempered glass panels
- Support play text, pictures, and animation effects.
- 512\*3 DMX channels in online mode.
- Support automatic timing playback at any time.
- Supports multiple device cascade, achieve synchronous control.



Item No.	Product pictures	Input Voltage VDC	Protocol	DMX Channels	Operation Mode	Connection	Software	G.W. g	Size mm
DMX-P08	1	12VDC	DMX512(1990)	1024	PC+Stand Alone	USB+ETHERNET	Euchips X-DMX	510	146*106*11
DMX-P09	2	12VDC	DMX512(1990)	1024	PC+Stand Alone	USB+ETHERNET	Euchips X-DMX	510	146*106*11

# RDM Stand Alone Controller DMX

## Description

Complies with RDM international standard protocol and be matched with software to scan RDM devices. Deploy initial address and read the parameters of devices. The software can edit the lighting changing effects, set the scenes and other advanced functions.

## Features

- Meets RDM(2009) protocol, compatible with DMX 512 (1990)
- LCD screen displays the current state
- Buttons support long-press, short-press and anti-share operations
- 256 levels of grey, totally 16.77 million colors, really full color
- Built-in 30 kinds of fixed modes, leave 5 kinds of custom modes for users to edit
- Automatic parameter memory

## Advantages

- Reserve a 3-wire input terminal, can communicate with the glass panel to do customize control.
- Modify the address online, standard DMX bi-directional communication.
- Built-in 30 kinds of fixed modes, leave 5 kinds of customized modes for users to edit.



Item No.	Input Voltage VDC	Protocol	DMX Channels	Operation Mode	Connection	Software	G.W. g	Size mm
RDM-100	5	RDM(2009) DMX512(1900)	512	PC+Stand Alone	USB	RDM Master	710	154*105*49





# Universal LED Drivers

## (Mainly for North America)

# Universal LED Drivers

## DALI Constant Current LED Driver

### Features

- Single channel output, output current level selectable by DIP S.W.
- Support DALI dimming function, Push Dim (Touch DIM) function(D model)
- Input voltage of 120VAC ~ 277VAC
- Dimming range:0.1-100%, Dimming effect smooth, no flicker
- Protections: Short circuit, Over load, Over voltage



Item No.	Product No.	Product pictures	Input Voltage VAC	Output Current Channel	Output Voltage (VDC)	Output Power (W)	TouchDIM	G.W. g	Size mm
PUP10D-1WMC-350	102100690101	1	120-277	120/150/180/210/260/290/320/350mA*1	9-42	10	Support	120	75*35*26.5
PUP10D-1WMC-700	102100680101	1	120-277	350/400/450/500/550/600/650/700mA*1	2-21	10	Support	120	75*35*26.5
PUP20D-1WMC	102100650101	2	120-277	350/400/450/500/550/600/650/700mA*1	9-45	20	Support	200	88*43*26.5
PUP40D-1WMC-850	102100660101	3	120-277	500/550/600/650/700/750/800/850mA*1	9-48	40	Support	260	121*44*26.5
PUP40D-1WMC-1200	102100670101	3	120-277	850/900/950/1000/1050/1100/1150/1200mA*1	9-47	40	Support	260	121*44*26.5

## Phase-Cut Constant Current LED Driver

### Features

- Single channel output, output current level selectable by DIP S.W.
- Support Leading edge (Triac) and Trailing edge (ELV) dimmer
- Dimming range from 103V to 132VAC
- Built-in active PFC function
- Class 2 power supply. Full protective plastic housing
- Dimming effect smooth, no flicker
- Protections: Short circuit, over load, over voltage
- Suitable for indoor LED lighting application, such as down light, spotlights, panel light, and so on



Item No.	Product No.	Product pictures	Input Voltage VAC	Output Current Channel	Output Voltage (VDC)	Output Power (W)	Dim Mode	G.W. g	Size mm
PUP10T-1LMC-350	104100230101	1	120	120/150/180/210/260/290/320/350mA*1	9-42	10	Phase-Cut/ELV	120	75*35*26.5
PUP10T-1LMC-700	104100240101	1	120	350/400/450/500/550/600/650/700mA*1	2-21	10	Phase-Cut/ELV	120	75*35*26.5
PUP20T-1LMC	104100150101	2	120	350/400/450/500/550/600/650/700mA*1	9-45	20	Phase-Cut/ELV	200	88*43*26.5
PUP40T-1LMC-850	104100180101	3	120	500/550/600/650/700/750/800/850mA*1	9-48	40	Phase-Cut/ELV	260	121*44*26.5
PUP40T-1LMC-1200	104100170101	3	120	850/900/950/1000/1050/1100/1150/1200mA*1	9-42	40	Phase-Cut/ELV	260	121*44*26.5

# Universal LED Drivers

## Phase-Cut Constant Voltage LED Drivers



Item No.	Product No.	Product pictures	Input Voltage VAC	Output Current Channel	Output Voltage	Output Power (W)	Dim Mode	G.W. g	Size mm
MUP60T-1W12V	104200340101	1	120-277	5A*1	12	60	Phase-Cut/ELV	700	242*44*30
MUP60T-1W24V	104200320101	1	120-277	2.5A*1	24	60	Phase-Cut/ELV	700	242*44*30
MUP96T-1W12V	104200330101	2	120-277	8A*1	12	96	Phase-Cut/ELV	700	242*44*30
MUP96T-1W24V	104200310101	2	120-277	4A*1	24	96	Phase-Cut/ELV	700	242*44*30

## 0/1-10V Constant Current LED Driver

### Features

- Single channel output, switchable output current level
- Supporting 0/1-10V dimming way, active/passive
- Having active PFC function built-in
- Can be used as normal drivers when signal suspending

### Advantages

- 3-in-1 dimming
- With MCU built-in, customized Logarithm or Liner dimming curve
- Secondary-level structure, less than 3% low-frequency ripple output
- With security isolation function, having higher security level
- LED start from 0.1%, dimming range from 0.1-100%
- 10%-100% on-load range



Item No.	Product No.	Product pictures	Input Voltage VAC	Output Current Channel	Output Voltage (VDC)	Output power (W)	Dim Mode v	G.W. g	Size mm
PUP10A-1WMC-350	103100590101	1	120-277	120/150/180/210/260/290/320/350mA*1	9-42	10	0/1-10V	120	75*35*26.5
PUP10A-1WMC-700	103100600101	1	120-277	350/400/450/500/550/600/650/700mA*1	2-21	10	0/1-10V	120	75*35*26.5
PUP20A-1WMC	103100580101	2	120-277	350/400/450/500/550/600/650/700mA*1	9-45	20	0/1-10V	200	88*43*26.5
PUP40A-1WMC-850	103100610101	3	120-277	500/550/600/650/700/750/800/850mA*1	9-48	40	0/1-10V	260	121*44*26.5
PUP40A-1WMC-1200	103100620101	3	120-277	850/900/950/1000/1050/1100/1150/1200mA*1	9-47	40	0/1-10V	260	121*44*26.5

# Universal LED Drivers

## 0/1-10V Constant Voltage LED Drivers



Item No.	Product No.	Product pictures	Input Voltage VAC	Output Current Channel	Output Voltage VDC	Output power W	Dim Mode	G.W. g	Size mm
MUP60A-1W12V	103200370101	1	120-277	5A*1	12	60	0/1-10V	700	242*44*30
MUP60A-1W24V	103200380101	1	120-277	2.5A*1	24	60	0/1-10V	700	242*44*30
MUP96A-1W12V	103200360101	2	120-277	8A*1	12	96	0/1-10V	700	242*44*30
MUP96A-1W24V	103200310101	2	120-277	4A*1	24	96	0/1-10V	700	242*44*30

## Constant Voltage LED Drivers

### Features

- Width voltage input, full power output
- Insolated PC design
- Isolated design, safe and reliable
- Protections: Over load, Short circuit, over voltage
- Comply with UL/CE/SELV
- Protection grades is as high as IP67
- 5 years warranty



Item No.	Product No.	Product pictures	Input Voltage VAC	Output Current Channel	Output Voltage VDC	Output power W	G.W. g	Size mm
PE5-1W12V	107201280101	1	120-277	0.42A*1	12	5	135	98*33*25
PE5-1W24V	107201290101	1	120-277	0.21A*1	24	5	135	98*33*25
PE10-1W12V	107201300101	1	120-277	0.83A*1	12	10	135	98*33*25
PE10-1W24V	107201310101	1	120-277	0.42A*1	24	10	135	98*33*25
PE15-1W12V	107201320101	1	120-277	1.25A*1	12	15	135	98*33*25
PE15-1W24V	107201330101	1	120-277	0.625A*1	24	15	135	98*33*25
PE24-1W12V	107201240101	2	120-277	2A*1	12	24	190	118*35*26
PE24-1W24V	107201250101	2	120-277	1A*1	24	24	190	118*35*26
PE40-1W12V	107201460101	3	120-277	3.3A*1	12	40	315	150*37*30
PE40-1W24V	107201470101	3	120-277	1.66A*1	24	40	315	150*37*30



# Magnetic suction Driver Series



Magnetic suction

## Magnetic suction Driver Series



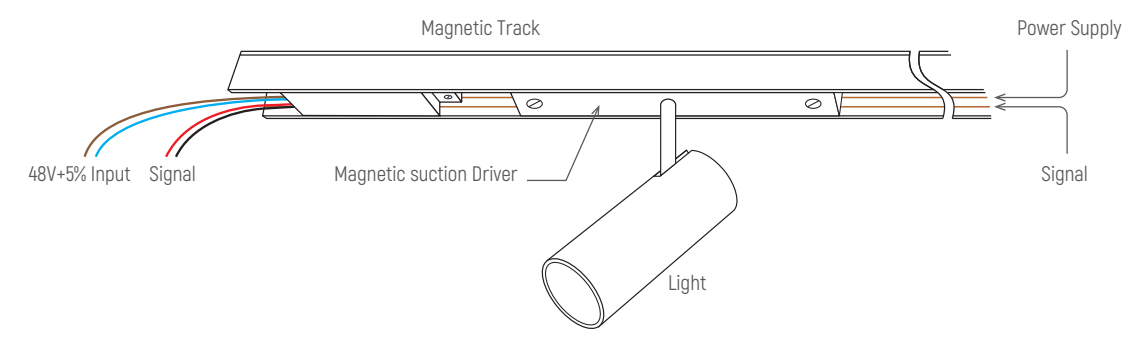
DALI Signal



0/1-10V Signal



Non-Dimming



# Magnetic suction Driver Series

## DALI Constant Current LED Driver

### Description

DC/DC constant current output LED driver. The output current can be set via DIP switch. It can be controlled by DALI master, and the dimming curve is smooth and flicker free.

### Features

- Output current, can be set via DIP switch
- Compliant with DALI 2.0 standard protocol
- Mixed dimming PWM+CCR, no flicker
- Short circuit protection, overload protection, no load protection, input reverse connection
- Built-in driver
- Hot plug for input port and non polarized



Item No.	Product No.	Input Voltage VDC	Output Current Channel	Output Voltage VDC	Output power W	G.W. g	Size mm
BMP14D-1SMC	TBD	42-52	120/150/180/210/250/280/300/350mA*1	3-40	14	TBD	125*14*10
BMP21D-1SMC	202100020101	42-52	700/750/800/850/900/950/1000/1050mA*1	3-20	21	15	125*14*10
BMP28D-1SMC	202100010101	42-52	350/400/450/500/550/600/650/700mA*1	3-40	28	15	125*14*10

## DALI Constant Current Tunable White LED Driver(DT8)



Item No.	Product No.	Input Voltage VDC	Output Current Channel	Output Voltage VDC	Output power W	G.W. g	Size mm
BMP14D-2SMC	TBD	42-52	120/150/180/210/250/280/300/350mA - 2CH	3-40	14	TBD	125*14*10
BMP28D-2SMC	TBD	42-52	350/400/450/500/550/600/650/700mA - 2CH	3-40	28	15	125*14*10

## LED Constant Current Driver



### Features

- Supporting Hot Plug-in of Front 48V Driver
- Input Reverse Connection Protection
- DIP Selection Current
- Supporting short circuit and overload protection

Item No.	Product No.	Input Voltage VDC	Output Current Channel	Output Voltage VDC	Output power W	G.W. g	Size mm
BMP28-1SMC	202100010101	42-52	350/500/550/700mA*1	9-40	28	15	125*14.5*10

# Magnetic suction Driver Series

## 0/1-10V Constant Current Tunable White LED Driver

### Description

DC/DC constant current output LED driver. The output current can be set via DIP switch. It can be controlled by 0/1-10V and the dimming curve is smooth and flicker free.

### Features

- Supporting Hot Plug-in of Front 48V Driver
- Input Reverse Connection Protection
- Dial Selection Current
- Supporting short circuit and overload protection
- When the input is connected to the signal terminal, the power supply is not damaged.
- Support 3-in-1 analog dimming signal (active signal, adjustable resistance, PWM signal)



Item No.	Product No.	Input Voltage VDC	Output Current Channel	Output Voltage VDC	Output power W	G.W. g	Size mm
BMP14A-1SMC	TBD	42-52	120/150/180/210/250/280/300/350mA*1	3-40	14	TBD	125*14*10
BMP28A-1SMC	203100001101	42-52	350/400/450/500/550/600/650/700mA*1	3-40	28	15	125*14*10

## LED Constant Voltage Driver



Item No.	Product pictures	Input Voltage VDC	Output Voltage VDC	Output Current Channel	Output power W	Efficiency %	G.W. g	Size mm
DLP120-1H48V	1	220-240	48	2.5A*1	120	90	475	300*40*30
LD75-2H48V	2	200-240	48	1.56*2	75	88	275	235*53*19
LD100-2H48V	2	200-240	48	2.08*2	100	88	275	235*53*19
LD150-2H48V	3	200-240	48	3.12*2	150	90	375	235*53*23
LD200-2H48V	3	200-240	48	4.2*2	150	90	375	307*53*21.5



# Ultra-Thin Waterproof Driver

- Wide voltage input, suitable for regional grid voltage
- Power factor correction, high power factor correction, energy saving
- Isolated output, completely isolated from power grid, high safety
- Suitable for harsh environment and operating environment - 25°C - 50°C, IP67 protection level
- Against lightning 2kv-4kv high-voltage shock (depend on its power) and with overload, short circuit and over temperature protection functions
- Supports phase-cut, DALI, 0 - 10V dimming mode options
- Comply with CCC / CB / SELV and other certification standards
- The output power reaches 100%, and the user does not need to worry about power shortage when configuring the load
- Ultra - thin shell design, easy installation, save a lot of space and time
- Effectively suppress electromagnetic interference, do not pollute the power grid and are not interfered by peripheral electronic equipment
- Impact current ≤ 40A
- For advertising signs, ultra-thin light box, outdoor lighting, LED lamps such as LED stripes and LED bands



1. High reliability, ultra - thin, small size and long service life
2. The efficiency of the whole machine can reach 91 %
3. High power factor and low ripple current up to 99 % of PFC can effectively suppress interference to peripheral devices
4. With multiple protection of overvoltage, open circuit, short circuit and overheat.
5. Restrain the transient current design and effectively reduce the starting current
6. Low output ripple noise
7. Meet IP67 protection level and RoHS environmental protection standard
8. Electromagnetic compatibility complies with EN 55015
9. Support dimming options ( Phase-cut / 0 - 10v / PWM / Dali )

Non-Dimming

# Ultra-Thin Waterproof Driver

## Features

- Wide input voltage range 100 - 240 volts, PF > 0.95
- The die-casting shell is integrally formed, and the product meets the structural requirements of Class I power supply
- Adopting high quality potting compound with scientific proportion, the protection grade is as high as IP67
- With overload, short circuit, over voltage, over temperature and other protection functions, and can automatically recover after the fault is removed
- Comply with CE/CB/ Enec/ SAA/ RoHS/ CCC and other certification requirements
- Built - in 2kV - 10kV lightning protection circuit ( depending on the product power )
- Ambient temperature range: to -25 C - + 50 C
- Five - years warranty

## Advantages

- High reliability
- Long life
- High efficient
- Complete protection function
- Low input surge current
- Low output ripple noise
- High Protection level



Item No.	Product pictures	Input Voltage (VAC)	Output Current	Output Voltage	Output Current (A)	Output Power (W)	G.W. g	Size mm
UWP40-1M12V	1	100 - 240	1CH	12VDC	3.33	40		234*36.5*22
UWP40-1M24V	1	100 - 240	1CH	24VDC	1.67	40		234*36.5*22
UWP75-1M12V	2	100 - 240	1CH	12VDC	6.25	75		270*61*25
UWP75-1M24V	2	100 - 240	1CH	24VDC	3.13	75		270*61*25
UWP100-1M12V	3	100 - 240	1CH	12VDC	8.33	100		270*61*25
UWP100-1M24V	3	100 - 240	1CH	24VDC	4.17	100		270*61*25
UWP150-1M12V	4	100 - 240	1CH	12VDC	12.5	150		270*61*25
UWP150-1M24V	4	100 - 240	1CH	24VDC	6.25	150		270*61*25
UWP240-1M12V	5	100 - 240	1CH	12VDC	20	240		270*68*30
UWP240-1M24V	5	100 - 240	1CH	24VDC	10	240		270*68*30
UWP320-1M12V	5	100 - 240	1CH	12VDC	26.67	320		270*88*32
UWP320-1M24V	5	100 - 240	1CH	24VDC	13.4	320		270*88*32

## Non-dimming DC-DC Driver



### Features

- Supporting Hot Plug-in of Front 48V Driver
- Input Reverse Connection Protection
- DIP Selection Current
- Supporting short circuit and overload protection

Item No.	Product No.	Input Voltage VDC	Output Current A*Channel	Output Voltage VDC	Output Power W	G.W. g	Size mm
BMP28-1SMC	202100010101	48VDC	350/500/550/700mA*1	9-40V	28	15	125*14.5*10

# Slim LED Drivers

## Features

- Protection class: IP20
- Protection type: short circuit, over temperature, overvoltage
- Lifespan 30000h @ 50 C



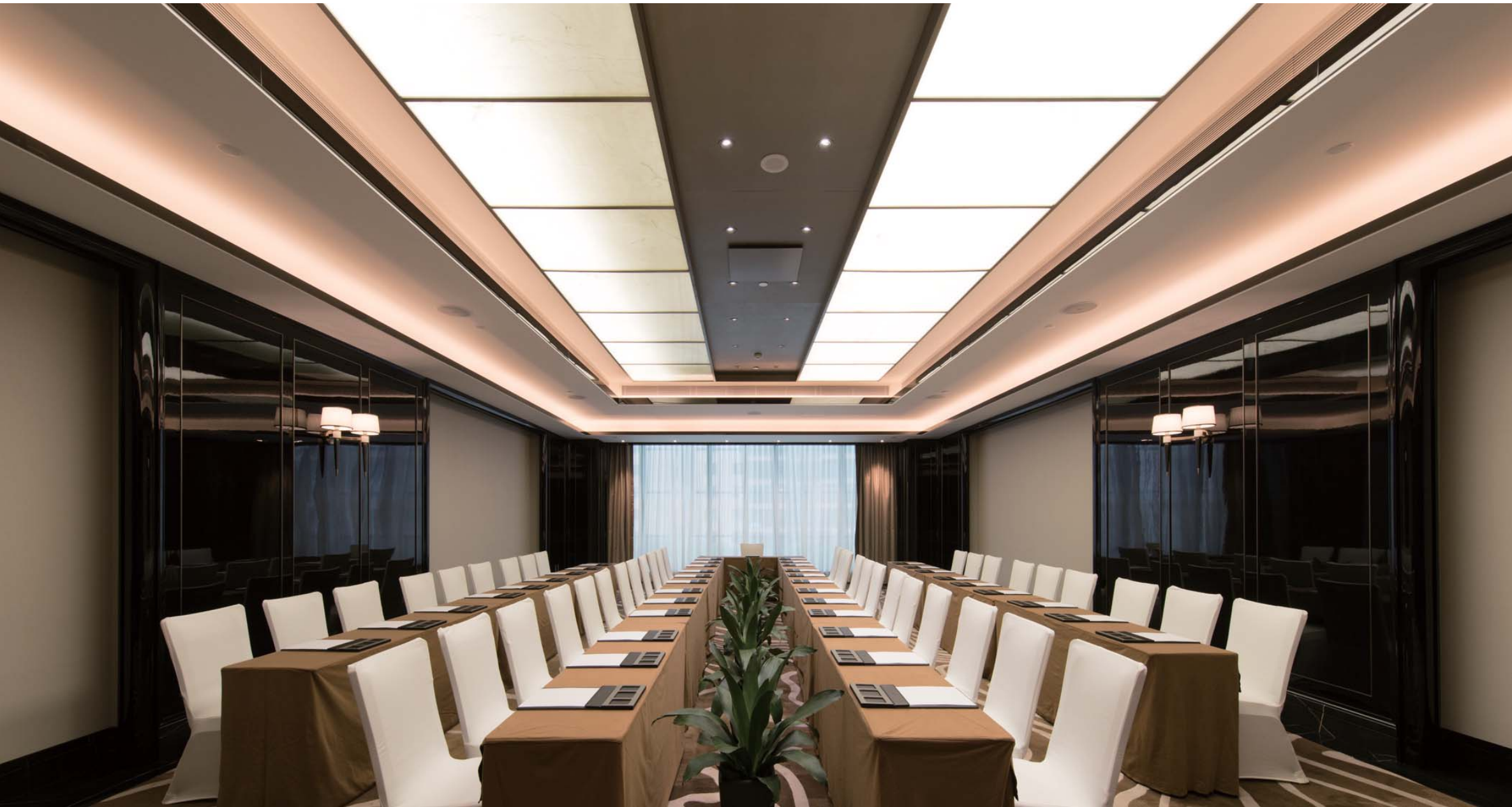
Item No.	Product pictures	Input Voltage VAC	Output Current A*Channel	Output Voltage VDC	Output Power W	G.W. g	Size mm
UCS15-1H12V	1	220-240	1.25A*1	12	15	63.5	160*30*17
UCS15-1H24V	1	220-240	0.625A*1	24	15	63.5	160*30*17
UCS30-1H12V	2	220-240	2.5A*1	12	30	118.5	250*30*17
UCS30-1H24V	2	220-240	1.25A*1	24	30	118.5	250*30*17
UCS60-1H12V	3	220-240	5A*1	12	60	220	312*30*18
UCS60-1H24V	3	220-240	2.5A*1	24	60	220	312*30*18
UCS100-1H12V	3	220-240	8A*1	12	100	220	312*30*18
UCS100-1H24V	3	220-240	4.16A*1	24	100	220	312*30*18
UCS150-1H12V	4	220-240	12.5A*1	12	150	TBD	322*30*22
UCS150-1H24V	4	220-240	6.25A*1	24	150	TBD	322*30*22



Item No.	Input Voltage VAC	Output Current A*Channel	Output Voltage VDC	Output Power W	G.W. g	Size mm
EULP150-2H12V-LT	200-240	12.5A*1	12	150	396	360*30*21
EULP200-2H24V-LT	200-240	6.25A*1	24	150	400	360*30*21

### Apply lamps and lanterns



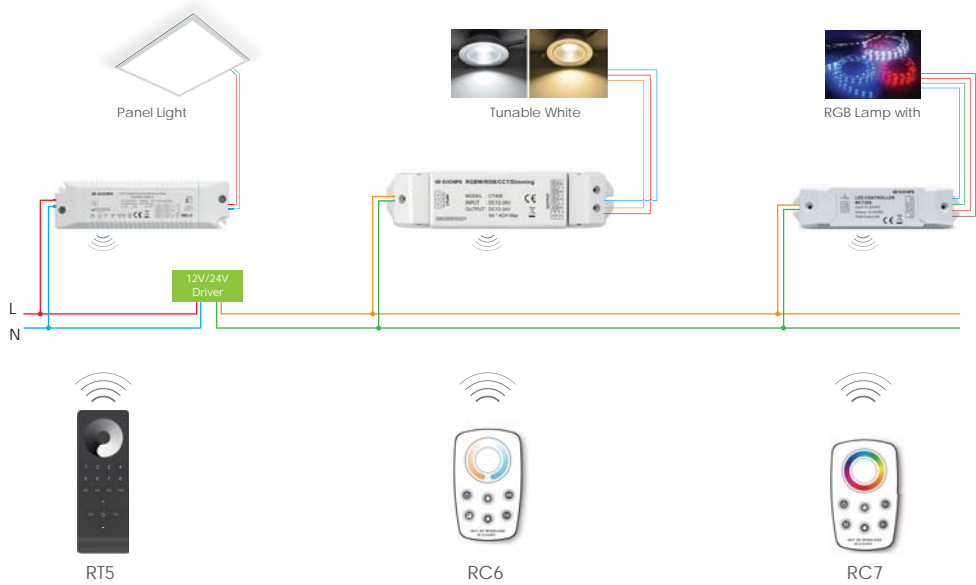


# Wireless Series

The wireless series LED controller integrates Euchips' 10 years of research and development experience, adopts advanced 433 MHz remote control technology, fusion of 2.4g wireless signals, With strong wireless signal penetration, excellent high gray level performance, soft and delicate dimming effect, and rich and colorful dynamic changes And creative design and extremely high cost performance ratio, it brings the customer a humanized use experience.

At present, the developed wireless series products include 433 MHz controller, bluetooth controller, 2.4g controller and wireless remote controller series, which are widely used in led dimming, color temperature dimming and RGB control to meet the multi-directional dimming requirements of different customers. It is worth mentioning that Euchips' unique mobile app application software can be flexibly applied to the control of various LED lighting fixtures.

## Meeting Room Solution



## Multi-Pairing

With different functions, the remote controls can be paired with the same receiver, select what you want.

# Wireless 2.4G LED Drivers

## Description

It is mainly used for dimming of constant current lamps and lanterns, with a variety of current options, a maximum power of 40W, 2.4G control, and a brightness of 1 - 100 % without stroboscopic effect.

## Features

- Adjust the brightness of LED lights by remote controls
- With over-current and short-circuit protection functions.
- The maximum effective transmission distance is 20m
- Adopt 2.4G wireless signal control

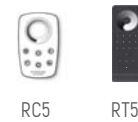
## Advantages

- Smooth Dimming, flicker free.
- Dimming range 1-100%

### 2.4G Brightness Constant Current Drivers



### 2.4G Brightness control series



Item No.	Product pictures	Input Voltage VAC	Constant Current Channel	Output Voltage VDC	Output power W	RF Type	G.W. g	Size mm
EUP30R-1HMC-0	1	220-240	550/600/650/700/750/800/850/900mA*1	9-45	30	2.4GHz	130	150*43*29
EUP40R-1HMC-0	2	220-240	850/900/950/1000/1050/1100/1150/1200mA*1	9-45	40	2.4GHz	245	137*81.5*31

## 2.4G LED Drivers

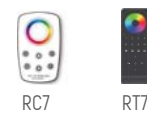
### Features

- For LED RGBW lamps color control, brightness and speed adjust
- With memory function, keep parameters and state before the power outage
- Wireless controlling, with the maximum distance of 20m
- Adopt 2.4G wireless signal control
- With over current, over temperature and short circuit protection

### Advantages

- Smooth Dimming, flicker free.
- Dimming range 1-100%

### RGB/RGBW Remote Controls



### Brightness Remote Controls



### 2.4G RGB Drivers



### Color-Temperature Remote Controls



Item No.	Product pictures	Input Voltage VDC	Output Current Channel	Mode	Brightness	Speed	RF Type	G.W. g	Size mm
MCT309	1	12-24	3A*3	10	32	8	2.4GHz	38	128*30*19.2
MCT405	2	12-24	5A*4	10	32	8	2.4GHz	TBD	104*38*22
MCT408	1	12-24	2A*4	10	32	8	2.4GHz	38	128*30*19.2
CT318	3	12-24	6A*3	10	32	8	2.4GHz	100	168*51*22
CT405	4	12-24	5A*4	10	32	8	2.4GHz	90	168*39.4*30

# RGB/RGBW Remote Control Series Wireless

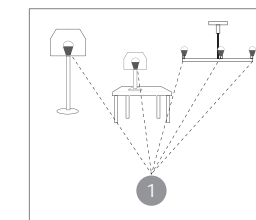
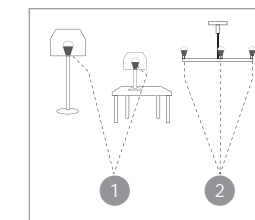
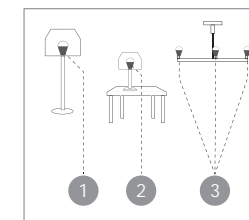
## Matching Code and Grouping

Select the controller to be controlled in groups, cut off the power supply for 10 seconds and then turn on the power supply again. within 3 seconds of turning on the power supply, click the corresponding "group on" key, and the lights connected to the controller will "flash three times slowly."

## Clearing Code and Grouping

Select the controller to clear the code, cut off the power supply for 10 seconds and then switch on the power supply again. within 3 seconds of switching on the power supply, click the "fully open" key 5 times, and the lights connected to the controller will "flash 6 times" to confirm the success of code clearing.

## Marshalling motioned



Item No.	Product pictures	Power supply	Remote distance	Mode	Group	RF Type	Material	Size mm
RC7	1	3V Button cell	20	RGBW	1	2.4Ghz	ABS	100*61.5*9
RT7	3	AAA Dry battery*2	20	RGBW	4	2.4Ghz	ABS	140*50*18



# Wireless Color-Temperature Remote Control Series

## Description

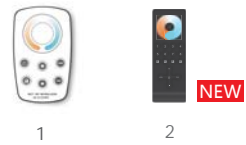
It is mainly used for color temperature adjustment and can carry out group control to meet different dimming requirements of users. Speed adjustment and color selection are carried out by the remote controller to achieve various dynamic dimming effects.

## Features

- Using the memory function, keep the parameters and state before power failure
- With over current/over temperature and short circuit protection

## Advantages

- Smooth dimming, true color.
- One remote can control single and multiple controllers



Item No.	Product pictures	Power supply	Remote distance m	Mode	Group	RF Type	Material	Size mm
RC6	1	3V Button cell	20	CCT/Brightness	1	2.4Ghz	ABS	100*61.5*9
RT6	2	AAA Dry battery*2	20	CCT/Brightness	4	2.4Ghz	ABS	140*50*18

# Brightness Remote Control Series

## Description

It is mainly used in brightness level and can carry out group control to meet different dimming requirements of users. It is easy to adjust the speed to achieve rich and colorful dynamic changes.

## Features

- Using the memory function, keep the parameters and state before power failure
- With over-current, short circuit and over-temperature protection
- Wireless controlling, with the maximum distance of 20m

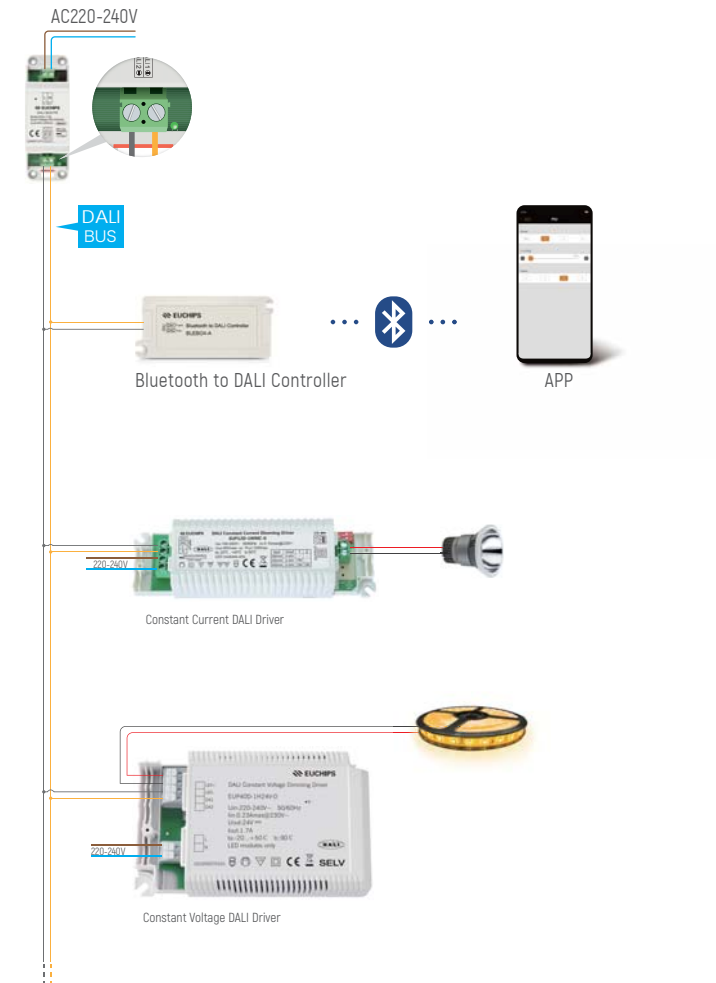
## Advantages

- Smooth dimming, true color.
- One remote can control single and multiple controllers



Item No.	Product pictures	Power supply	Remote distance m	Mode	Group	RF Type	Material	Size mm
RC5	1	3V Button cell	20	Brightness	1	2.4Ghz	ABS	100*61.5*9
RT5	2	AAA Dry battery*2	20	Brightness	8	2.4Ghz	ABS	140*50*18

# Bluetooth to DALI Controller Wireless



## Features

- Complies with DALI protocol standard IEC62386
- Used to adjust the brightness and color temperature of lamps with DALI interface.
- Through Bluetooth and mobile phone connection for adjustment, Android and IOS APP are available.
- Suitable for families, offices, hotels, engineering, etc.

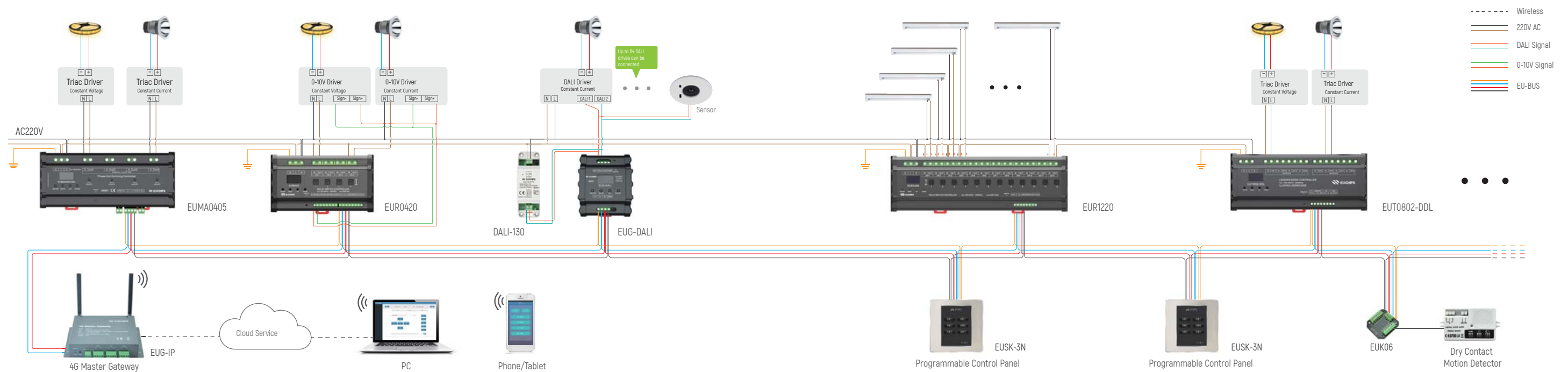


Item No.	Input Voltage VAC	Power Consumption W	Control Signal	DALI Protocol	RF Type	G.W. g	Size mm
BLEBOX-A	Supplied Via Dali Bus	<0.8W	DALI Signal	IEC62386/IEC60929	Bluetooth	27.7	78*36*29

# EU-BUS Series

Nowdays, phase-cut is still a common dimming type. In the past, phase-cut dimming was mainly used in traditional lighting devices, such as incandescent lamps. Therefore, it has compatibility problems in dimming LED lighting fixtures, such as narrow dimming range, flicker and even inability to dim. To solve these problems, Euchips developed a leading edge load controller and a trailing edge load controller. Under the background of advocating energy conservation and emission reduction, more and more equipment are needed to strengthen the intelligent management of energy consumption. Intelligent switch load controller is an important part of the system. It can control the power switch of the equipment and is more convenient for centralized control and intelligent management.

## EU-BUS Dimming System Solution



- With EUG-IP gateway, it is available to achieve remote control by mobile phone APP (phone Android)
- Able to control each channel ON/OFF; control multiple groups ON/OFF simultaneously. With timed trigger, grouping and extended function
- With DALI gateway, it is available to achieve single lamp, group and scene control

- With memory function when power off
- Support WIFI, 3G/4G network communication control

### Dimmer

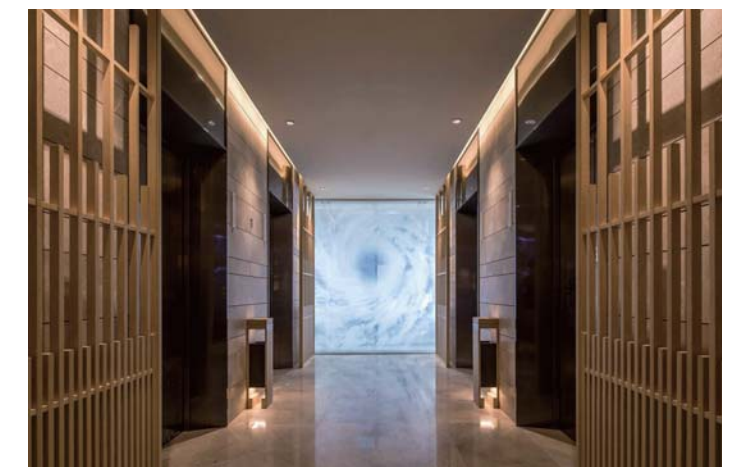
Supported Types Item No.	EUBUS Protocol (Euchips 9)	DMX Protocol	RDM Protocol	DALI Protocol	Manual mode	fade-in & fade-out	Output Channel	Output	Output Voltage	Output Current	Backlight
EUMA0405-DDL	✓	✓	✓	✓	✓	✓	4+4	Phase Cut & 0-10V Dimming Controller	100V-240VAC	5A*4CH (Phase Cut Channel) 20mA*4CH (0-10V Analog signal)	✓
EUT0802-DDL	✓	✓	✓	✓	✓	✓	8	Leading Edge Controller	100-240VAC	2A*8ch	✓

### Relay Switch

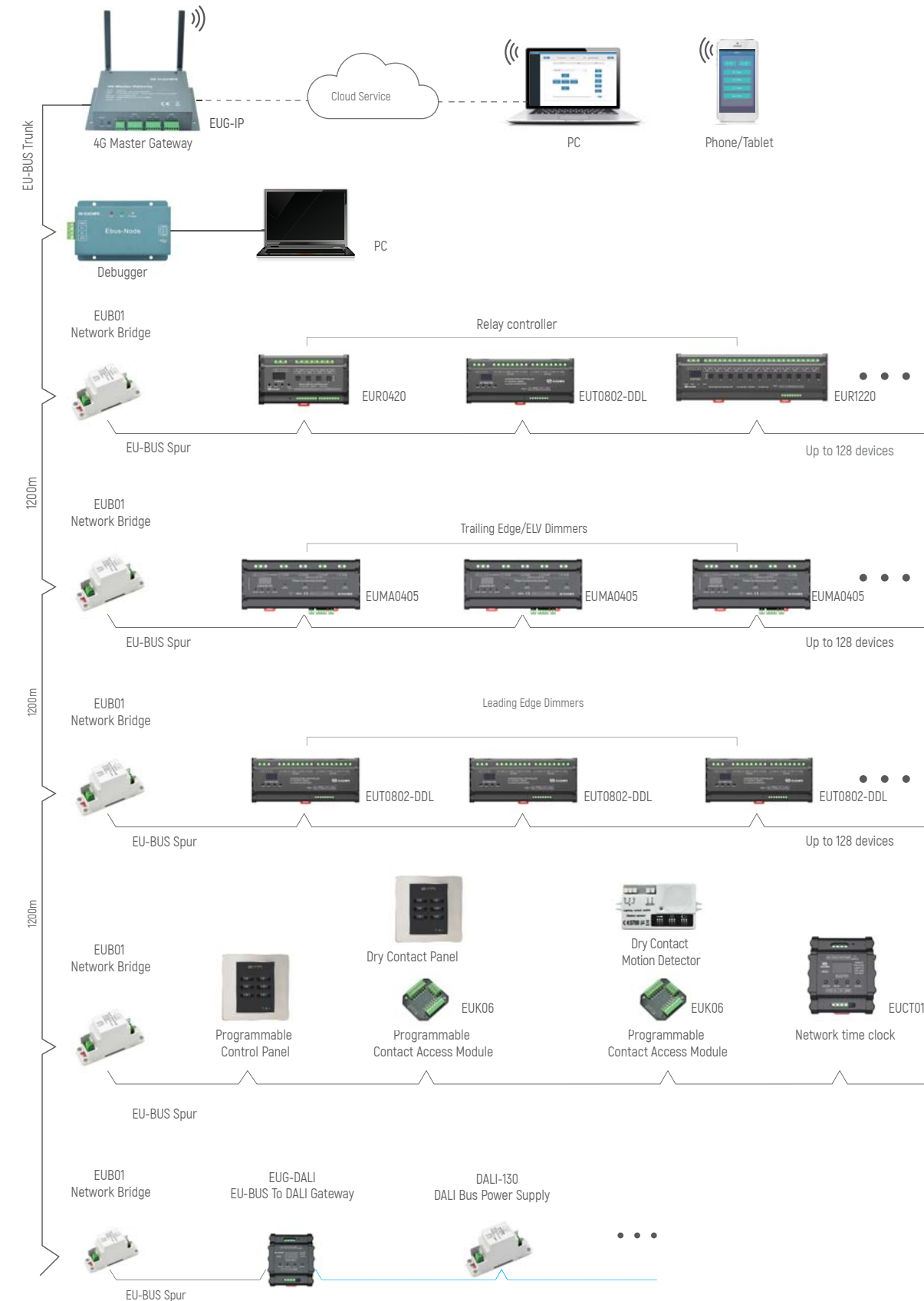
Supported Types Item No.	EUBUS Protocol (Euchips 9)	DMX Protocol	RDM Protocol	DALI Protocol	Manual mode	fade-in & fade-out	Output Channel	Output	Output Voltage	Output Current	Backlight
EURO420-DDL	✓	✓	✓	✓	✓	✓	4+4	Relay Switch Controller/0-10V	100-240VAC	20A (/16A/10A) *4ch (Relay Channel) 20mA*4ch (0-10V Analog signal)	✓
EURO820-DDL	✓	✓	✓	✓	✓	✓	8	Relay Switch Controller	100-240VAC	20A (/16A/10A) *8ch	✓
EUR1220-DDL	✓	✓	✓	✓	✓	✓	12	Relay Switch Controller	100-240VAC	20A (/16A/10A) *12CH	✓

### power Amplifier

Supported Types Item No.	EUBUS Protocol (Euchips 9)	DMX Protocol	RDM Protocol	DALI Protocol	Manual mode	Event	fade-in & fade-out	Output Channel	Output	Output Voltage	Output Current	Backlight
EUPB0105							Triac/ELV	1	Triac	100-240VAC	5A*1CH	
EUPB0110							Triac/ELV	1	Triac	100-240VAC	10A*1CH	
EUPB0205							Triac/ELV	2	Triac	100-240VAC	5A*2CH	



## EU-BUS Dimming System Solution



## Phase Cut Dimming Controller

### Description

The product adopt advanced microcomputer control technology, analysis widely used DMX-512 (1990) /RDM and DALI standard protocol and output 4 AC MOSFET phase cut signal . The max current of each channel of phase cut is 5A, the total 4 channel is 20A . In addition, the device can be connected into the Dynalite system by the Dynalite gateway (Note: the Dynalite trademark holder is PHILIPS, the relevant right is owned by the holder of the trademark, the same below)

### Features

- Meets DMX512(1990)/RDM and DALI IEC62386 protocol
- Output phase cut dimming signal
- phase cut dimming controller can work as leading edge (LPC) mode, trailing edge(TPC) mode or switch mode
- Built-in OLED, the user can operate more conveniently
- Set fades time of each channel separately, range of 0.1-10s
- Standard 35 mm din rail, convenient installation
- Each circuit is equipped with emergency switch that control full brightness (100%) output function
- Fire trigger function



Item No..EUMA0405-DDL

Input voltage	Input control signal	Maximum output current of phase cut	Maximum output signal current	Maximum inrush current limit per channel	G.W. g	Equipment size mm(L*W*H)
100-240VAC	DMX512(1990)/RDM , DALI IEC62386 , EU-BUS	5A*4Ch(AC MOSFET, please take 5A*PF as output current limit for each circuit )	20mA*4Ch	100A	975	222.5*93.4*63.2 standard 35mm dinrail

## Relay Switch Controller

### Description

The product adopt advanced microcomputer control technology,analysis widely used DMX-512 (1990) /RDM and DALI standard protocol. and output 8 relay control signal . The max current of each channel is 20A,the total 8 channel is 160A . In addition, the device can be connected into the Dynalite system by the Dynalite gateway (Note: the Dynalite trademark holder is PHILIPS, the relevant right is owned by the holder of the trademark, the same below).

### Features

- Meets DMX512(1990)/RDM and DALI IEC62386 protocol
- Feed-through power circuit design
- Output relay controlled 8 channel, max current of each channel is 20A
- Standard 35 mm din rail, convenient installation
- There is an emergency button for each channel to switch on or off the channel
- Fire trigger function



Item No.	Input voltage	Input control signal	Max output current	G.W. g	Equipment size mm(L*W*H)
EUR0820-DDL	100-240VAC 50/60Hz	DMX512(1990)/RDM , DALI IEC62386 , EU-BUS	20A*8channels	1050g	222.5*93.4*63.2 standard 35mm din rail

## Leading Edge Controller

### Features

- Meets DMX512(1990)/RDM,DALI IEC62386 protocol
- With OLED display and manual button, the user can operate more conveniently
- Output 8 channel phase cut or switch signal, max current of each channel is 2A
- 6.3A fuse delay protection for each 2 outputs
- Output 12VDC supply for control system
- Set fade time of each channel separately, range of 0.1-10s
- Standard 35 mm din rail, convenient installation
- Suitable for use with TRIAC dimming driver, incandescent, low voltage, neon and selected fluorescent fixtures



Item No.	Input voltage	Input control signal	Max output current	G.W. g	Equipment size mm(L*W*H)
EUT0802-DDL	100-240VAC 50/60Hz	DMX512(1990)/RDM, DALI IEC62386, EU-BUS	2A*8Ch	1050g	222.5*93.4*63.2 standard 35mm din rail

## Relay Switch Controller

### Features

- Meets DMX512(1990)/RDM,DALI IEC62386 protocol and EU-BUS protocol developed by EUCHIPS
- Output 4 channel relay switch signal and their synchronous DC 0-10V control signal
- Built-in OLED, the user can operate more conveniently
- Set fades time of each channel separately, range of 0.1-60.9s
- Standard 35 mm din rail, convenient installation
- Relay switch channel can be turned on and off manually
- Suitable for intelligent lighting control - Home Furnishing, office buildings, schools, stadiums, outdoor architecture etc
- Fire trigger function



Item No.	Input voltage	Input control signal	Max output current	G.W. g	Equipment size mm(L*W*H)
EUR0420-DDL	100-240VAC 50/60Hz	DMX512(1990)/RDM,DALI, and EU-BUS signal	20A*4Ch	580g	167*96.5*65.4 standard 35mm din rail

## Relay Switch Controller Summary

### Features

- Meets DMX512(1990)/RDM,DALI IEC62386 protocol and EU-BUS protocol developed by EUCHIPS
- Output 12 channel relay switch signal
- Built-in LCD, the user can operate more conveniently
- Set fades time of each channel separately, range of 0.1-60.9s
- Standard 35 mm din rail, convenient installation
- Relay switch channel can be turned on or off manually
- Suitable for intelligent lighting control - Home Furnishing, office buildings, schools, stadiums, outdoor architecture etc
- Fire trigger function



Item No.	Input voltage	Input control signal	Max output current	G.W. g	Equipment size mm(L*W*H)
EUR1220-DDL	100-240VAC 50/60Hz	DMX512(1990)/RDM, DALI IEC62386,EU-BUS signal	20A*12 Channel	1100	295.5*93.4*63.2 standard 35mm din rail

## EU-BUS To DALI Gateway

### Features

- Assign (including reassign, extent allocation) the address for DALI equipment
- In EU-BUS mode, can update firmware remotely via EU-BUS interface
- Support EU-BUS function to the DALI command
- Set parameter for DALI equipment, and, can be used with the DALI sensor, DALI panel
- Support EU-BUS to DALI command function
- Supplied via EU-BUS bus, without external power supply
- The standard 35mm din rail, convenient installation



Item No.	Input voltage	Communication protocol	The number of DALI equipment	The number of dry contact	G.W. g	Equipment size mm(L*W*H)
EUG-DALI	Supplied via EU-BUS bus	EU-BUS	64	1	250	76*93.4*63.2 standard 35mm din rail

## EU-BUS To DALI Gateway

### Features

- Assign (including reassign, extent allocation) the address for DALI equipment
- In EU-BUS mode, can update firmware remotely via EU-BUS interface
- Support EU-BUS function to the DALI command
- Set parameter for DALI equipment, and, can be used with the DALI sensor,
- Support EU-BUS to DALI command function
- Supplied via EU-BUS bus, without external power supply
- The standard 35mm din rail, convenient installation



Item No.	Input voltage	Input control signal	Number of DALI equipment	G.W. g	Equipment size mm(L*W*H)
EUG-DALI-2	220VAC 50/60Hz	EU-BUS	2*64	380	167*96.5*65.4 standard 35mm din rail

# EU-BUS SCR Power Amplifier

Thanks for using EUPB0110. This product is mainly used to amplify the power when the load capacity of TRIAC knob or dimming device isn't enough. For example, a brand dimmer C output 4 channel leading edge or trailing edge, and the maximum current is 1A/ch. If load current of one channel is larger than 1A, you need to increase the purchase of C or greater power product to meet the requirements, this will increase the cost a lot, you can choose the combination of C+ EUPB0110 to amplify the power, which can significantly reduce the cost and facilitate clients to stock up.

## Features

- Receive leading/trailing edge signal of 100-240VAC
- Single channel leading edge output, the maximum output current of 5A
- Standard 35mm din rail, easy to install
- Can be connected to incandescent lamp, halogen lamp, TRIAC dimming driver
- Mainly used to enlarge the load capacity, when triac knob or phase cut dimming module used in lighting Control system don't have enough capacity



Item No.	Product Pictures	Input Voltage	Output Current	Output power	G.W. g	Equipment size mm(L*W*H)
EUPB0105	1	100~240V	5A*1Channel	550W	380	175*93.4*63.2 standard 35mm din rail
EUPB0110	2	100~240V	10A*1Channel	1100(110)/2200W(220)	700	175*93.4*63.2 standard 35mm din rail
EUPB0205	3	100~240V	5A*2Channels	2200W	950	210*96.5*65.4 standard 35mm din rail

## Network time clock

### Features

- Comply with EU-BUS protocol developed by EUCHIPS
- OLED display, the user can operate more conveniently
- In EU-BUS mode, the user can update firmware remotely via EU-BUS interface
- Can save up to 64 events
- Can define the trigger time and task for all event conveniently and flexibly
- Real time clock with standby battery
- Supplied via EU-BUS bus, without external power supply
- The standard 35mm din rail, convenient installation



Item No.	Power supply	Protocol	Maximum Events	Default Events	G.W. g	Equipment size mm(L*W*H)
EUCT01	Supplied via EU-BUS bus	EU-BUS	64	16	250g	76*93.4*63.2 standard 35mm din rail

# EU-BUS Controllers

# EU-BUS

## Programmable Contact Access Module

### Features

- Comply with EU-BUS protocol developed by EUCHIPS
- Can connect to 6 dry contact signal
- Can connect 6 LED lights as key backlight
- Easy to edit the function for each port
- Supplied via EU-BUS bus, without external power supply
- Compact, easy to install into the electrical box



Item No.	Power supply	Protocol	The number of dry contact signal	The number of external backlight	G.W. g	Equipment size mm(L*W*H)
EUK06	Supplied via EU-BUS bus	EU-BUS	6	6	20g	44*46*14mm standard 35mm din rail

## EU-BUS Debugger



Item No.	Power supply	Protocol	G.W. g	Equipment size mm(L*W*H)
Ebus-Node	Supplied via EU-BUS bus	EU-BUS	210g	108*72.5*23.5

## Programmable Control Panel



Item No.	Product pictures	Power supply VDC	Protocol	Button	G.W. g	Equipment size mm(L*W*H)
EUSK-3N	1	12	EU-BUS	1-12	20g	86*86*14
EUK-P8	2	24	RS-485	1-8	TBD	86*86*38
EUK-P40	3	24	RS-485	Custom	TBD	86*86*36
EUK-P55	4	24	RS-485	Custom	TBD	160*90*36

# EU-BUS EU-BUS Controllers

## 4G master gateway

### Description

Eug - IP is a high - performance, low-power Consumption network controller introduced by Euchips. It has 335 x series industrial control board built in and is isolated by network, CAN bus and 485. It integrates various peripheral interfaces and can control various EU chips dimming devices through EU bus protocol

### Features

- With EUG-IP gateway, it is available to achieve remote control by mobile phone APP (phone Android)
- Able to control each channel ON/OFF, control multiple groups ON/OFF simultaneously. With timed trigger, grouping and extended function
- With DALI gateway, it is available to achieve single lamp, group and scene control



Item No.	Input	CPU	Memory	Storage	System	G.W. g	Equipment size mm(L*W*H)
EUG-IP	DC9-30V (Recommend DC12V)	Ti am3352 Processor , ARM Cortex™-A8 Frequency 600M	1 slice 256M DDR3	256M NANDFLASH & 8G e.MMC	Linux	1000g	169*143*32

## RS485 Network Bridge

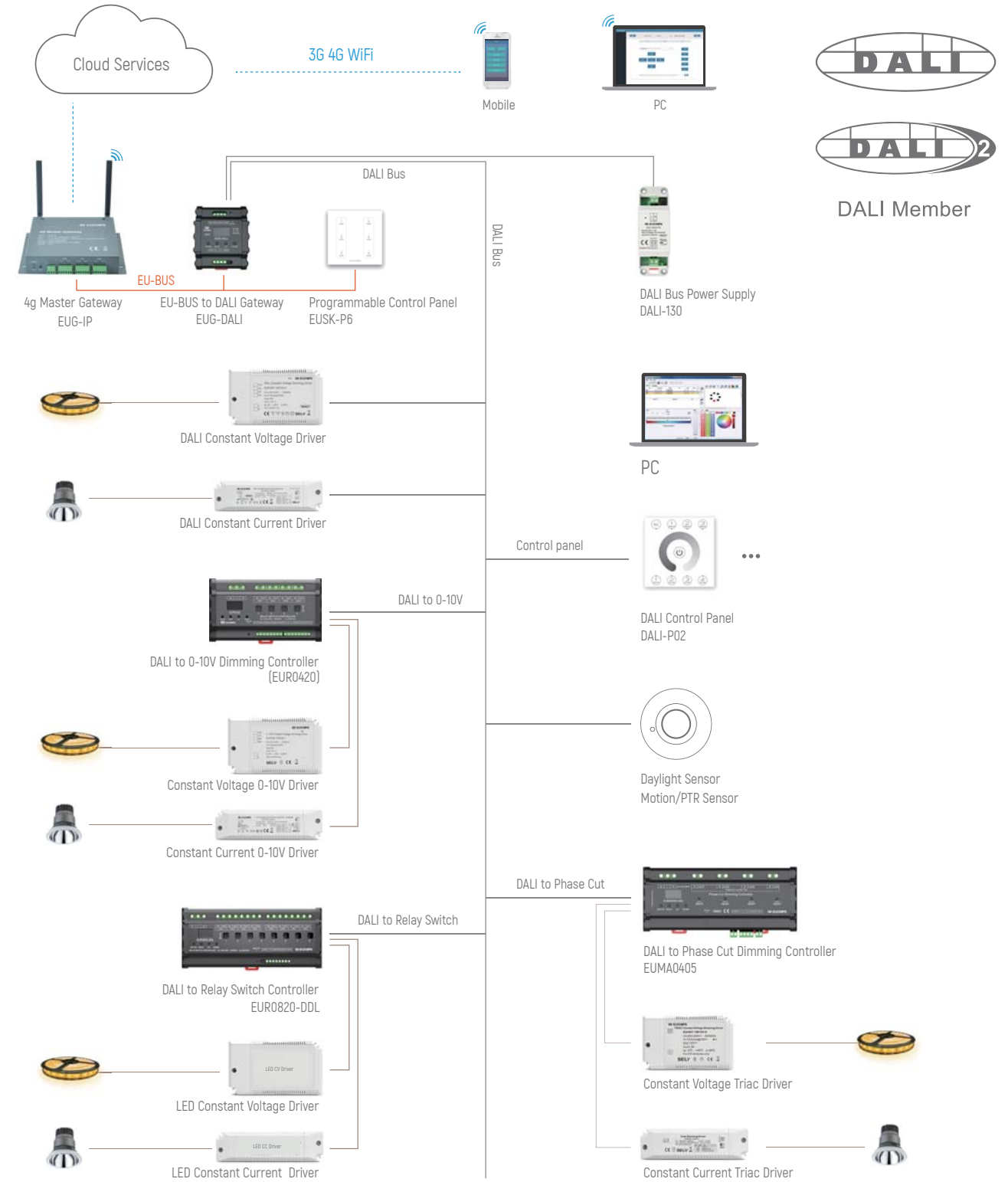
The EUB01 is a flexible network communication bridge designed for RS - 485 network. The two optically isolated RS - 485 ports enable EUB01 to implement trunk and branch topology in large project sites. EUB01 can not only extend the communication distance, make the bus network more flexible and convenient, but also isolate the dry electrical fault network. As the transmission distance is extended or the number of serial devices is increased, the serial signals are continuously attenuated, which will lead to unstable or even unusable bus signals. The EUB01 bridge can enhance and amplify the existing bus signals and increase the number of serial port devices in the bus network. EUB01 serial data is transmitted in half duplex two-way with a transmission distance of 1200 meters.



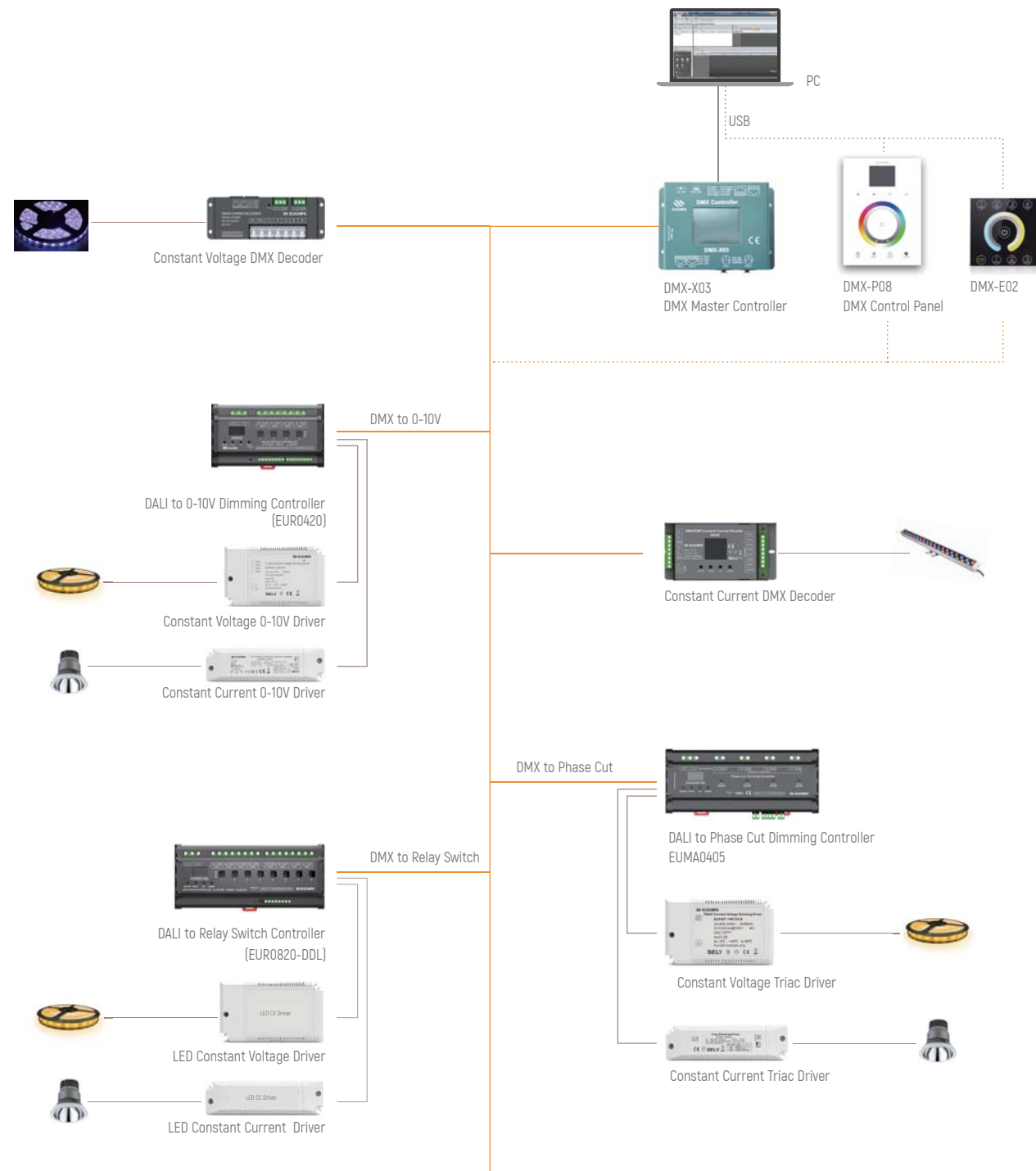
Item No.	Power supply	Serial ports	Isolation Voltage	Power indication	Communication indication	Baud rate
EUB01	12VDC 10mA, supplied via controller signal port	2*RS485	3.75KV isolation	LED continuous on	LED flashing	9600
Recommended cable	Operational temp	G.W. g	Equipment size mm(L*W*H)			
2*twisted-shielded pair of 1.0 mm2(18AWG)	0-50 C	68	112*35*67 standard 35mm din rail			

# EU-BUS Controllers EU-BUS

## DALI Dimming System Total Solution



## DMX Dimming System Total Solution



## Other System Solution





# Certification

## DALI Series

### Constant Voltage Dimmable Drivers

Item No.	Product No.	CCC	CE	CB	UL	UL	UL	SAA	S	CEC
EUP12D-1H12V-0	102200002101		✓							
EUP24D-1H24V-0	102200011101		✓							
EUP40D-1H24V-0	102200070101		✓			✓				
UWP75D-1M12V	102200440101	✓	✓	✓	✓	✓				
UWP75D-1M24V	102200420101	✓	✓	✓	✓	✓				
UWP100D-1M12V	102200450101	✓	✓	✓	✓	✓				
UWP100D-1M24V	102200410101	✓	✓	✓	✓	✓				
UWP150D-1M12V	102200460101	✓	✓	✓	✓	✓				
UWP150D-1M24V	102200430101	✓	✓	✓	✓	✓				
UWP240D-1M12V	102200470101	✓	✓	✓	✓	✓				
UWP240D-1M24V	102200490101	✓	✓	✓	✓	✓				

### Constant Current Dimmable Drivers

Item No.	Product No.	CCC	CE	CB	UL	UL	UL	SAA	S	CEC
PUP10D-1WMC-350	102100690101	✓	✓	✓	✓	✓	✓			
PUP10D-1WMC-700	102100680101	✓	✓	✓	✓	✓	✓			
EUP10D-1HMC-350-M	102101050101	✓								
EUP10D-1HMC-700-M	102101040101	✓								
EUP10D-1HMC-0	102100292101	✓	✓	✓	✓			✓		
EUP12D-1HMC-0	102100263101	✓	✓	✓	✓			✓		
EUP15D-1HMC-0	102100282101	✓	✓	✓	✓			✓		
EULP15D-1HMC-0	102100351101		✓	✓						
EUP20D-1HMC-0	102100172101	✓	✓	✓	✓			✓		
PUP20D-1WMC	102100650101	✓	✓	✓	✓	✓	✓			
EULP20D-1WMC-0	102100123101	✓								
EUP30D-1HMC-0	102100251101	✓	✓	✓	✓			✓		
EULP35D-1WMC-0	102100132101		✓							
EUP40D-1HMC-0	102100242101	✓	✓	✓	✓			✓		
PUP40D-1WMC-850	102100660101	✓	✓	✓	✓	✓	✓			
PUP40D-1WMC-1200	102100670101	✓	✓	✓	✓	✓	✓			
EUP50D-1HMC-0	102100272101	✓	✓	✓	✓			✓		

### Tunable White

产品型号	产品编码	CCC	CE	CB	UL	UL	UL	SAA	S	CEC
EUP40D-2HMC-0	102100300101	✓		✓						
LCP75D-2W12V	102200560101	✓								
LCP75D-2W24V	102200570101	✓								

### Power Supply

DALI-130	102200560101		✓	✓						✓
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# Certification

## DALI Series

### Constant Current Dimmable Drivers

Item No.	Product No.	CCC	CE	CB	UL	UL	UL	SAA	S	CEC
LWP13D-1H300C	/	✓								
LWP19D-1H450C	/	✓								
LWP22D-1H600C	/	✓								
LWP30D-1H700C	/	✓								
LWP40D-1H950C	/	✓								
LWP45D-1H1050C	/	✓								
LWP50D-1H1200C	/	✓								

### Constant Current Dimmable Drivers

Item No.	Product No.	CCC	CE	CB	UL	UL	UL	SAA	S	CEC
EUP12AD-1HMC	100100061101	✓								
EUP20AD-1HMC	100100081101	✓								
EUP30AD-1HMC	100100120101	✓								
EUP40AD-1HMC-L	TBD	✓								
EUP50AD-1HMC-L	100100130101	✓								
PSP45AD-1HMC	102100890101	✓								
PCP45AD-1HMC	100100100101	✓								

### Constant Voltage Dimmable Drivers

LCP75AD-1H12V	100200040101	✓								
LCP75AD-1H24V	100200050101	✓								
LCP120AD-1H12V	102200620101	✓								
LCP150AD-1H24V	102200630101	✓								
EUP200AD-1H12V-0	100200001101	✓	✓	✓	✓	✓				
EUP200AD-1H24V-0	100200011101	✓	✓	✓	✓	✓				

## Phase-Cut Series

### Constant Voltage Dimmable Drivers

Item No.	Product No.	CCC	CE	CB	UL	UL	UL	SAA	S	CEC
LCP75T-1H12V	104200390101	✓	✓	✓	✓	✓				
LCP75T-1H24V	104200031101	✓	✓	✓	✓	✓				
MUP60T-1W12V	104200340101		✓				✓			
MUP60T-1W24V	104200320101		✓				✓			
MUP96T-1W12V	104200330101		✓				✓			
MUP96T-1W24V	104200310101		✓				✓			
EUP200T-1H12V-0	104200001101	✓	✓	✓	✓	✓				
EUP200T-1H24V-0	104200011101	✓	✓	✓	✓	✓				

# Certification

Phase-Cut Series

Constant Current Dimmable Drivers

Item No.	Product No.	CCC	CE	CB	RoHS	REACH	UL	PSE	S	CQC
EUP10T-1HMC-0	104100110101	✓	✓	✓						
PUP10T-1LMC-350	104100230101						✓			
PUP10T-1LMC-700	104100240101						✓			
EUP12T-1HMC-0	104100090101	✓	✓	✓						
EUP15T-1HMC-0	104100020101	✓	✓	✓						
EUP20T-1HMC-0	104100000101	✓	✓	✓						
PUP20T-1LMC	104100150101						✓			
EUP30T-1HMC-0	104100002101	✓	✓	✓						
PUP40T-1LMC-850	104100180101						✓			
PUP40T-1LMC-1200	104100170101						✓			

0/1-10V Series

Constant Voltage Dimmable Drivers

Item No.	Product No.	CCC	CE	CB	RoHS	REACH	UL	PSE	S	CQC
EUP12A-1H12V-1	103200002101		✓							
EUP24A-1H24V-1	103200011101		✓							
MUP60A-1W12V	103200370101						✓			
MUP60A-1W24V	103200380101						✓			
MUP96A-1W12V	103200360101						✓			
MUP96A-1W24V	103200310101						✓			
LCP75A-1H24V	103200540101	✓								
EUP135A-1W12V-1	103200101101	✓								
EUP150A-1W24V-1	103200041101	✓								
LCP150A-1H24V	103200520101	✓								

Ultra-Thin Waterproof Dimming Driver

Item No.	Product No.	CCC	CE	CB	RoHS	REACH	UL	PSE	S	CQC
UWP75A-1M12V	103200440101	✓	✓	✓	✓	✓				
UWP75A-1M24V	103200420101	✓	✓	✓	✓	✓				
UWP75A-1M36V	TBD	✓	✓	✓	✓	✓				
UWP75A-1M48V	TBD	✓	✓	✓	✓	✓				
UWP100A-1M12V	103200450101	✓	✓	✓	✓	✓				
UWP100A-1M24V	103200430101	✓	✓	✓	✓	✓				
UWP100A-1M36V	TBD	✓	✓	✓	✓	✓				
UWP100A-1M48V	TBD	✓	✓	✓	✓	✓				
UWP150A-1M12V	TBD	✓	✓	✓	✓	✓				
UWP150A-1M24V	103200410101	✓	✓	✓	✓	✓				
UWP150A-1M36V	TBD	✓	✓	✓	✓	✓				
UWP150A-1M48V	TBD	✓	✓	✓	✓	✓				
UWP240A-1M12V	103200480101	✓	✓	✓	✓	✓				
UWP240A-1M24V	103200470101	✓	✓	✓	✓	✓				

# Certification

0/1-10V Series

Constant Current Dimmable Drivers

Item No.	Product No.	CCC	CE	CB	RoHS	REACH	UL	PSE	S	CQC
EUP10A-1HMC-1	103100291101	✓	✓	✓						
PUP10A-1WMC-350	103100590101	✓	✓	✓	✓	✓	✓			
PUP10A-1WMC-700	103100600101	✓	✓	✓	✓	✓	✓			
EUP10A-1HMC-300-M	103100790101	✓								
EUP10A-1HMC-700-M	103100780101	✓								
EUP12A-1HMC-1	103100281101	✓	✓	✓						
EUP15A-1HMC-1	103100271101	✓	✓	✓						
EUP20A-1HMC-1	103100261101	✓	✓	✓						
PUP20A-1WMC	103100580101	✓	✓	✓	✓	✓	✓			
EUP30A-1HMC-1	103100240101	✓	✓	✓						
EUP40A-1HMC-1	103100231101		✓							
PUP40A-1WMC-850	103100610101	✓	✓	✓	✓	✓	✓			
PUP40A-1WMC-1200	103100620101	✓	✓	✓	✓	✓	✓			
EUP50A-1HMC-1	103100221101		✓							
EUP60A-1HMC-1	103100061101		✓							

Non-Dimming LED Drivers Series

Slim LED Drivers

Item No.	Product No.	CCC	CE	CB	RoHS	REACH	UL	PSE	S	CQC
UCS15-1H12V	107200600101		✓	✓		✓				
UCS15-1H24V	107200610101		✓	✓		✓				
UCS30-1H12V	107200350101	✓	✓	✓	✓	✓				
UCS30-1H24V	107200360101	✓	✓	✓	✓	✓				
UCS60-1H12V	107200390101	✓	✓	✓	✓	✓				
UCS60-1H24V	107200370101	✓	✓	✓	✓	✓				
UCS100-1H12V	107200380101	✓	✓	✓	✓	✓				
UCS100-1H24V	107200340101	✓	✓	✓	✓	✓				
UCS150-1H12V	107201440101	✓	✓	✓	✓	✓				
UCS150-1H24V	107201450101	✓	✓	✓	✓	✓				

# Certification

Non-Dimming LED Drivers Series

Ultra-Thin Waterproof Driver

Item No.	Product No.	CCC	CE	CB	UL	RoHS	UL1950	SAA	SE	CQC
UWP30-1M12V	107201130101	✓	✓	✓	✓	✓				
UWP30-1M24V	107201120101	✓	✓	✓	✓	✓				
UWP30-1M36V	TBD	✓	✓	✓	✓	✓				
UWP30-1M48V	TBD	✓	✓	✓	✓	✓				
UWP40-1M12V	107201140101	✓	✓	✓	✓	✓				
UWP40-1M24V	107201150101	✓	✓	✓	✓	✓				
UWP40-1M36V	TBD	✓	✓	✓	✓	✓				
UWP40-1M48V	TBD	✓	✓	✓	✓	✓				
UWP75-1M12V	107201160101	✓	✓	✓	✓	✓				
UWP75-1M24V	107201170101	✓	✓	✓	✓	✓				
UWP75-1M36V	TBD	✓	✓	✓	✓	✓				
UWP75-1M48V	TBD	✓	✓	✓	✓	✓				
UWP100-1M12V	107201180101	✓	✓	✓	✓	✓				
UWP100-1M24V	107201190101	✓	✓	✓	✓	✓				
UWP100-1M36V	TBD	✓	✓	✓	✓	✓				
UWP100-1M48V	TBD	✓	✓	✓	✓	✓				
UWP150-1M12V	107201200101	✓	✓	✓	✓	✓				
UWP150-1M24V	107201210101	✓	✓	✓	✓	✓				
UWP150-1M36V	TBD	✓	✓	✓	✓	✓				
UWP150-1M48V	TBD	✓	✓	✓	✓	✓				
UWP240-1M12V	107201230101	✓	✓	✓	✓	✓				
UWP240-1M24V	107201220101	✓	✓	✓	✓	✓				
UWP240-1M36V	TBD	✓	✓	✓	✓	✓				
UWP240-1M48V	TBD	✓	✓	✓	✓	✓				
UWP320-1M12V	107201510101	✓	✓	✓	✓	✓				
UWP320-1M24V	107200710101	✓	✓	✓	✓	✓				
UWP320-1M36V	TBD	✓	✓	✓	✓	✓				
UWP320-1M48V	TBD	✓	✓	✓	✓	✓				