



Ningbo Technic Lighting Co.,Ltd.

PRODUCT MANUAL

DISPLAY LED LIGHTING

Ningbo Technic Lighting Co., Ltd, founded in 2009, specialize in LED lighting solution with innovation, design and production for global retailer and shopping environment.

We focus on design and manufacture of furniture&display LED, shelves lighting, showcase lighting and general commercial LEDs. Start from 2004, we own precision and injection tooling company, mainly provide support for fast development and good quality for innovative and new products. We own 35 experienced engineers in R&D support from optical, mechanical, electrical, thermal and power, prototype and global certificate in LED industry.

With a construction area of 30,000 square meters, automatic production line, advanced production facility, and mass production capability. The whole production managed under the ERP controls from production plan to finalized product and shipment. With production automatically controlled and superior quality standard, excute 100% quality control and 100% inspection during the whole QM system in whole production process.

30,000
m²

SQUARE METERS

35 +

EXPERIENCED
ENGINEERS

100%

QUALITY CONTROL &
INSPECTION DURING

≥300

CURRENT PATENT

HIGHLY SUPPORT CUSTOMIZED LIGHTING SOLUTION

Throughout our whole team endeavor in the past 17 years, Ningbo Technic Lighting Co. Has become a reliable partner and recommended supplier for development and production of lighting fixture as sale support material for global retailer market. We established non-disclosure system with partners, highly support customized lighting solution for rollout program that ensure most valuable and convenient serve for worldwide clients.

PROVIDE HIGH EFFICIENCY LED SOLUTION

Perfect LED solution as visual element creates greatly help for brand value and culture, attract consumers and instruct consumers choose what they want, as well as build amazing shopping environment. We provide high efficiency LED solution that brings energy saving to reduce maintenance cost for merchandisers.



DEVELOPMENT HISTORY



Setup strategic partner with Hettich support for LED cabinet and furniture lightings

2005

2004

HENGJIE start furniture lighting

Recognized as national high-Tech-enterprise

2012

2009

NINGBO TECHNIC LIGHTING setup
--LED driver and Control system

Tooling company setup for precision mould & CNC

2015

2014

FUCHENG LIGHTING merge to Hengjie, enlarge the business capability

Move to new factory
Enlarged to 30000m2

2020

2018

NingBo R&D setup
Driver division build develop

Recognized as the high-tech enterprise R&D center

2023

2022

Award as NingBo 5 star management enterprise





● COMPLETED PRODUCTION PROCESS

Completed production process internally support from tooling, injection, hardware, riveting, glue, SMT, electrical and assembly, all finished and supervised under total quality management.

● FAST RESPONSE

Provide one stop LED solution, and originally produced at our own factory with customized, professional serve. Fast response is the key advantage to satisfy our partners.

● PROVIDE WHOLE SYSTEM

Provide the whole lighting system, that is able to integrate power supply, intelligent control, LED connecting into lighting fixtures.

● HIGH EFFICIENCY POWER SUPPLY AND INTELLIGENT SMART CONTROLLER

Capability of design and produce high efficiency power supply and intelligent smart controller is the core technology and make competitive in the market, that finally contribute to all clients.

TECHNICAL RESEARCH & DEVELOPMENT

R&D Team specialized in the latest technology in LED lighting industry.
Design and develop capabilities for power and controllers and lighting fixtures.
Engineering team from power source, optic, electronics, mechanical, thermal etc engineers.



TECHNICAL QUALITY & TESTING

UL/ETL/VDE/CE/ERP/BS

ISO and UL QMS certified. Quality control running through whole process from predesign, plan, process and production 100% checking and 100% aging test for all products.



CATALOGUE

NINGBO TECHNIC LIGHTING CO., LTD



12
TRACK



14
MINI SLID



24
GALAXY



26
ASY-LED



16
NEEDLE 2



18
INSLIGHT



28
HONOR



30
HIRONS



20
SLIM PRO



22
SLIM



32
INSTYLE LED



34
BIO

CATALOGUE

NINGBO TECHNIC LIGHTING CO., LTD



36
MINI BIO



38
SKY



56-58
CONTROL



47-52
CONNECTION



40
ECO FLEXYIED TAPE



42
LED STRIP



44
FLEX



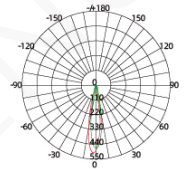
39-55
POWER



Feature

- The LED spot & track Systems.
- Swivel in 360 degree.
- Add and remove LED spot with lock system.
- Easy installation, adjustable to shelf with magnets.
- It's perfect design for cove, shop and showcase illumination.

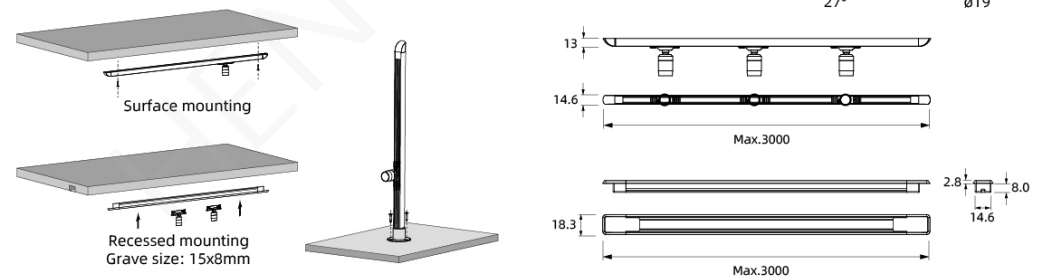
Luminous Intensity



Specifications

Item	Size	Rated Input	Power	CCT	Efficiency	RA	IP	Beam angle
HJL85-800T	ø19x25mm	12V DC	1.0 W	3000K	90 lm/W	>90	20	20°

Installation & Dimensions: (mm)

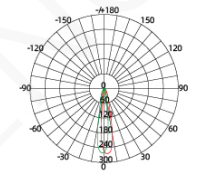




Feature ✓

- Magnet track for easy installation.
- Adjustable lamp direction, QTY and position.
- Customized track length.
- Available both spot and linear light in same track.
- Optical lens design. Uniform light.
- Super small size for cabinet and showcase.

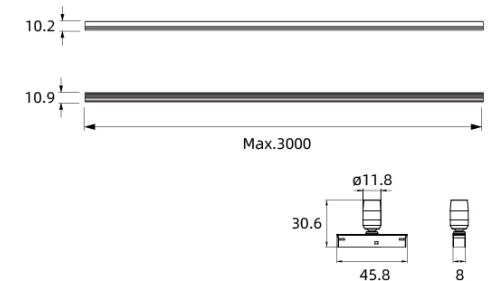
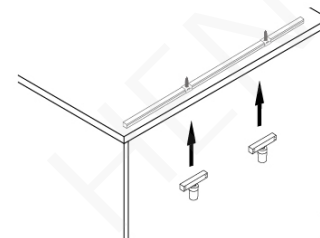
Luminous Intensity ✓

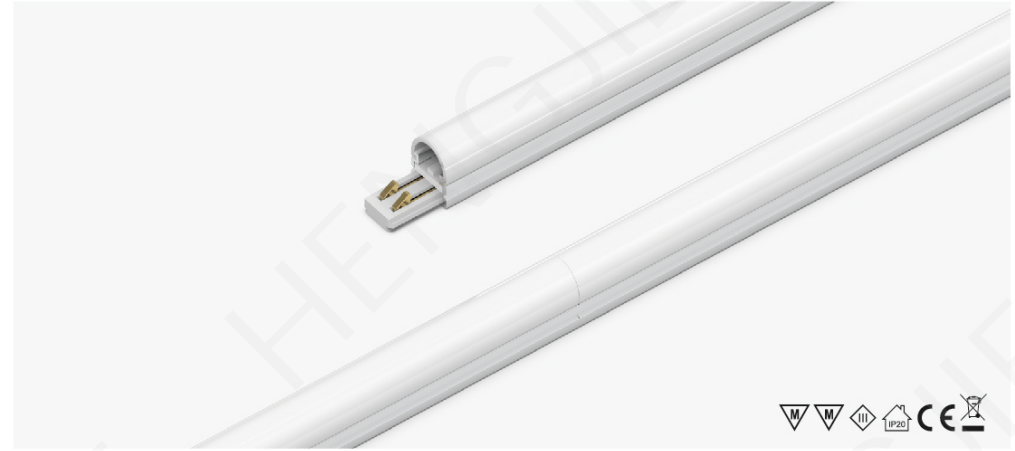


Specifications ✓

Item	Size	Rated Input	Power	CCT	Efficiency	RA	IP	Beam angle
HJL85-810T	ø11.8x22mm	5-24V DC	1.0 W	3000K	100 lm/W	>90	20	20°

Installation & Dimensions: (mm) ✓

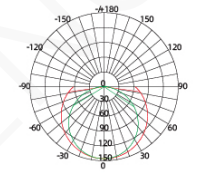




Feature

- Extremely small dimension width 9mm height 10mm
- Plug&play(External power)
- Smooth continuous, LED diode free
- Bright and consistent illuminance for display
- Linkable, max.linkable length 12 feet per run
- Lifetime 50,000hr

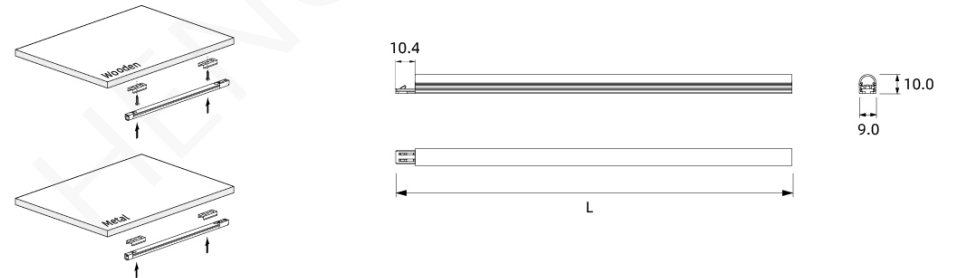
Luminous Intensity



Specifications

Item	Length	Rated Input	Power	CCT	Efficiency	RA	IP	Beam angle
HJL02-000L-01	300 mm	24V DC	3.0 W	4000K	100 lm/W	>90	20	140°
	570 mm		5.7 W					

Installation & Dimensions: (mm)

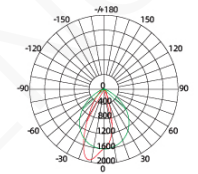




Feature

- IP rating: IP65 (for damp locations).
- Slim design for elegant appearance.
- Premium color consistency up to 3 MacAdam over lifetime.
- Modules performing up to 130lm/w
- TIR optic design for perfect illumination without yellow lighting at edge.
- Lifetime: 98.3%@10,000hr
- Ta: -13°F~95°F(-25°C~35°C)
- Available at five year system warrant with Hengjie LED power supply.

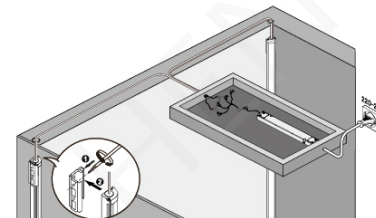
Luminous Intensity



Specifications

Item	Length	Rated Input	Power	CCT	Efficiency	RA	IP	Beam angle
HJL02-324L	600 mm	24V DC	9.0 W	4000K	120 lm/W	>90	65	70°
	1,200 mm		18.0 W					

Installation & Dimensions: (mm)





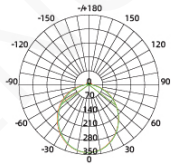
120~277V AC



Feature ▾

- Line Voltage 120~277VAC - No Driver Required.
- Easy and Quick Snap Connection.
- Innovative Slim Design.
- Seamless and Spot Free.
- Linkable up to 400W with single power feed.

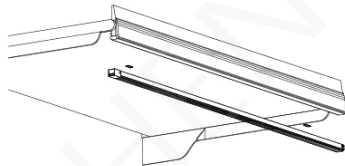
Luminous Intensity ▾



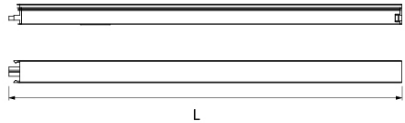
Specifications ▾

Item	Length	Rated Input	Power	CCT	Efficiency	RA	IP	Beam angle
HJL02-021L	600 mm	120~277V AC	10.0 W	4000K	120 lm/W	>90	20	110°
	900 mm		15.0 W					

Installation & Dimensions: (mm) ▾



Install with magnet



17.2
18.5



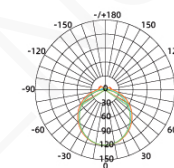
LINEAR LIGHT SLIM



Feature

- Extremely small dimension width 8mm, height 8.5mm
- Plug&play(External power)
- Smooth continuous, LED diode free
- Bright and consistent illuminance for display
- Linkable, max.linkable length 12 feet per run
- Lifetime 50,000hr
- 7.8W/ft, 858lm/ft @4000

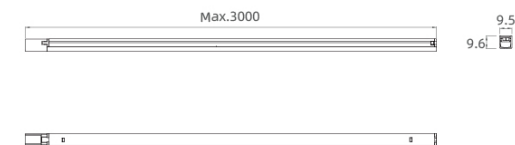
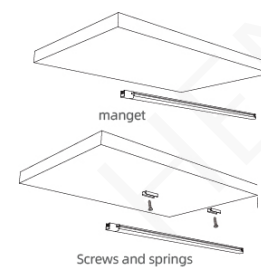
Luminous Intensity

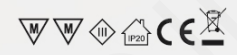


Specifications

Item	Size	Rated Input	Power	CCT	Efficiency	RA	IP	Beam angle
HJL02-000L-02	Max.3000mm	24VDC	8 W	4000K	120 lm/W	>90	20	115°

Installation & Dimensions: (mm)

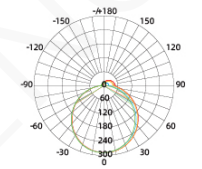




Feature ▼

- Plug & play (External power supply)
- Super thin design (Min. 3mm)
- Uniform illumination
- Easy installation
- Edge-lit illumination
- Customized design size up to 4' x 3'
- Light diffuser design for smooth illuminance

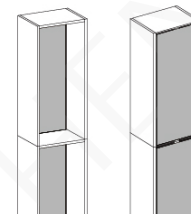
Luminous Intensity ▼



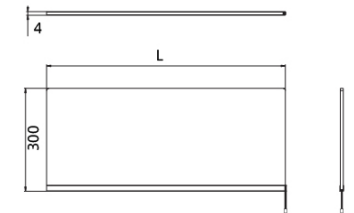
Specifications ▼

Item	Length	Rated Input	Power	CCT	Efficiency	RA	IP	Beam angle
HJL03-026	300 mm	12V DC	2.5 W	4000K	110 lm/W	>90	20	120°
	600 mm		5.0 W					

Installation & Dimensions: (mm) ▼



Installation diagram in cabinet

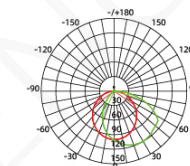




Feature

- Anti glare design
- Optic design(extrusion) for uniform light distribution
- Asymetrical lenses to shift more light to one side
- Fit for sweep goods on display in shopping area.

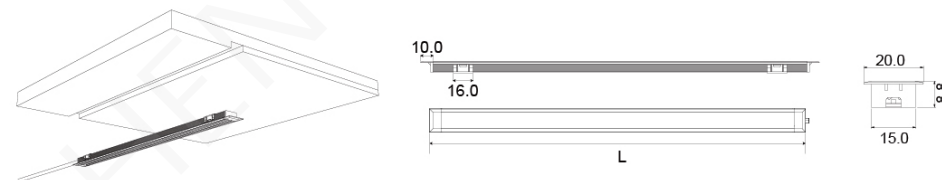
Luminous Intensity



Specifications

Item	Size	Rated Input	Power	CCT	Efficiency	RA	IP	Beam angle
HJL02-000L-03	310mm	24VDC	3 W	4000K	110 lm/W	>80	20	103°

Installation & Dimensions: (mm)





Feature ▼

- Super slim design with only 7mm thickness
- No visible illumination diode
- Two simple surface installation solutions: magnet fixture & screw fixture
- Simple plug and play solution
- Customized length is achievable
- High efficiency at 160Lm/W (without cover)

Specifications ▼

Item	Size	Rated Input	Power	CCT	Efficiency	RA	IP	Beam angle
HJL02-000L-03	900mm	24VDC	7.0 W	4000K	770 lm	>90	20	120°
	1000mm	24VDC	7.8W		858 lm			
	1230mm	24VDC	9.5W		1045 lm			
	1330mm	24VDC	10.3W		1135 lm			
	1500mm	24VDC	11.7W		1290 lm			

Installation & Dimensions: (mm) ▼



Install on metal shelf with magnet fixture



Length

13
7.1±0.2
4



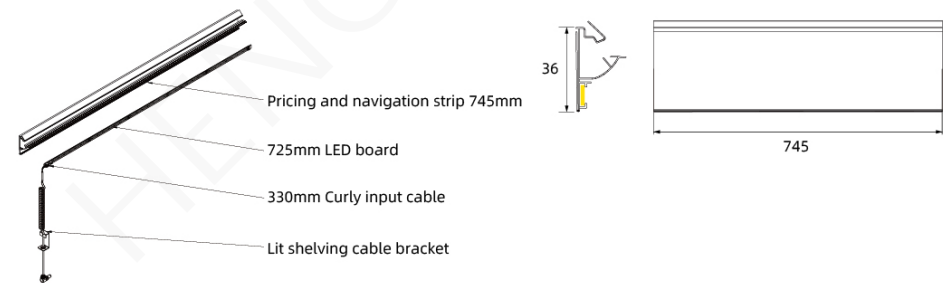
Feature ▼

- Improve pricetag with LED illumination, provide commodity uniform highlight.
- LED strip has built-in connector, cable and LED strip connect by connectors, make it easy to install and get power.
- Linable, pricetag light can easily connect by jump cable.
- High efficiency, uniform light output, which contribute to energy saving.
- Clean and tidy wiring with curly input cable.
- Fit for shopfitting and shelf.

Specifications ▼

Item	Size	Rated Input	Power	CCT	Efficiency	RA	IP	Beam angle
HJL10-000L	745mm	24VDC	1.75 W	4000K	180 lm/W	>80	20	120°

Installation & Dimensions: (mm) ▼

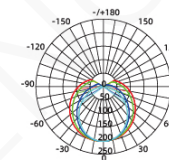




Feature ▼

- Sharplines, simple appearance
- High luminous efficiency
- Anodize aluminium profile with good heat sink
- Complete diffused light, ideal for retail and shops.
- Available in 1 meter or 2 meter as standard.
- Custom Cut lengths available for all lengths between 0-2 meter.

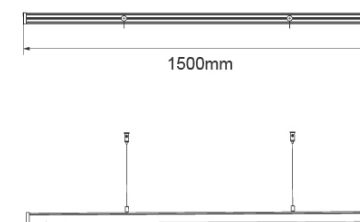
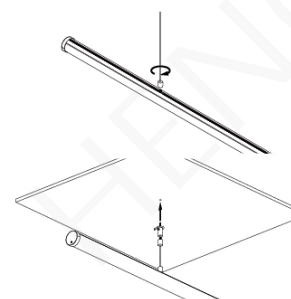
Luminous Intensity ▼



Specifications ▼

Item	Size	Rated Input	Power	CCT	Efficiency	RA	IP	Beam angle
HJL92-023L	1500mm	24VDC	6 W	4000K	122 lm/W	>80	20	134°

Installation & Dimensions: (mm) ▼

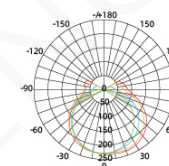




Feature

- Cut-free and smooth continuous lighting.
- Recessed mounting integrate into furniture.
- Fast connection by quick connector.
- Anti-glare design.

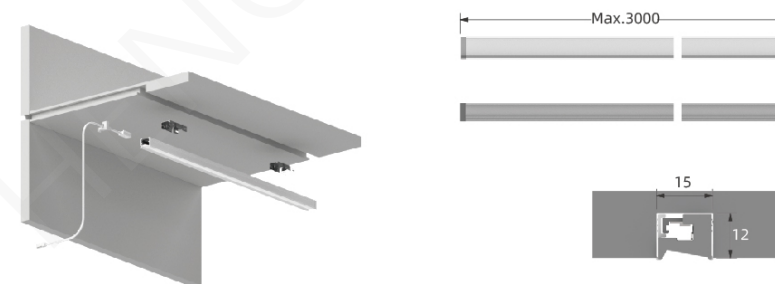
Luminous Intensity

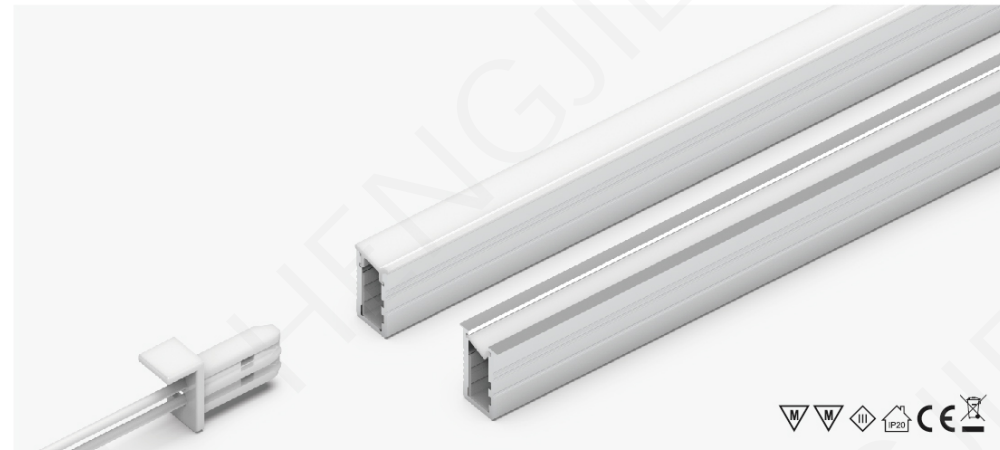


Specifications

Item	Length	Rated Input	Power	CCT	Efficiency	RA	IP	Beam angle
HJL82-033L	Max.3000mm	24V DC	8 W/m	3000K	80 lm/W	>90	20	130°

Installation & Dimensions: (mm)

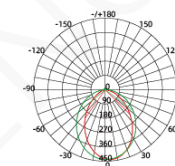




Feature

- Cut freely. Fit for diversified demands.
- Super slim design integrate into furniture.
- Individual power connector. Fast and stable connection.
- Structure polarized design. Anti-glare.

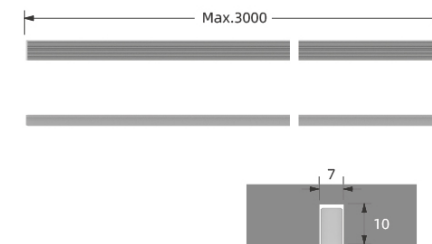
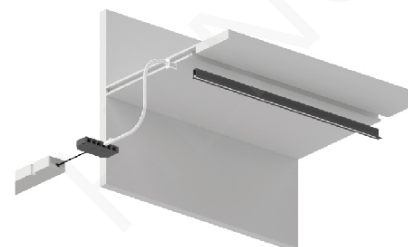
Luminous Intensity



Specifications

Item	Length	Rated Input	Power	CCT	Efficiency	RA	IP	Beam angle
HJL82-033L-01	Max.3000mm	12/24V DC	5 W/m	3000K	100 lm/W	>90	20	120°
HJL82-033L-02								

Installation & Dimensions: (mm)

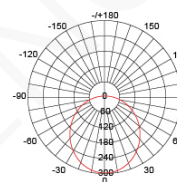




Feature

- Surface light, light uniform soft not dazzling
- 8.5mm thickness, wrapped with profiles on both sides, suitable for 9mm backplane slot instead of 9mm backplane
- Kitchen open shelf, open wardrobe light back

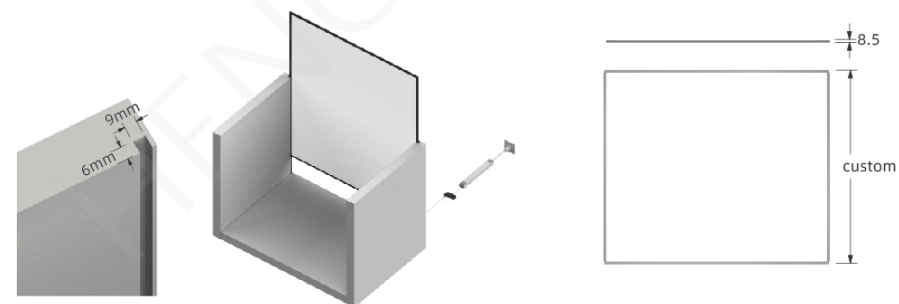
Luminous Intensity



Specifications














Item	Length	Rated Input	Power	CCT	Efficiency	RA	IP	Beam angle
HJL63-027S	Customizable	24V DC	24V DC	4000K	160 lm/W	>90	20	-

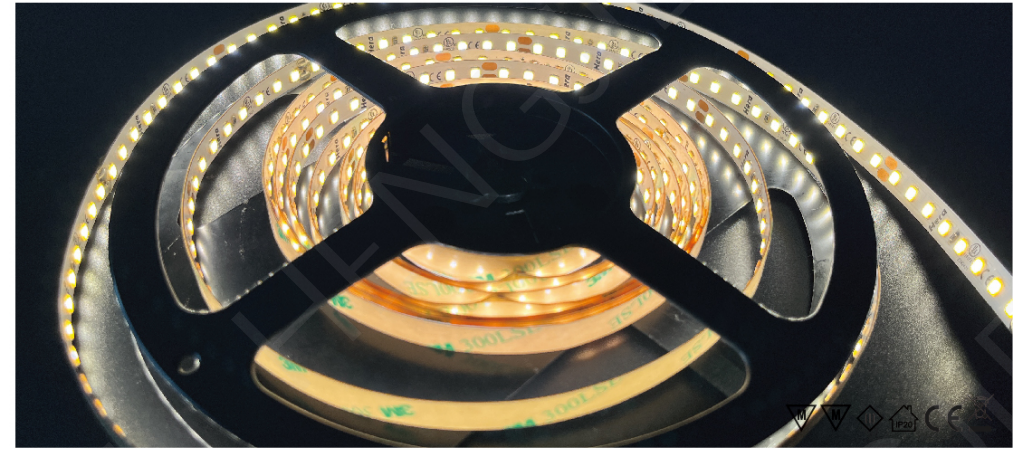
Installation & Dimensions: (mm)





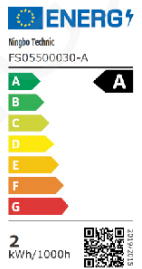
Specifications

Item	Width	Rated Input	Length of cut	Leds/m	
HJF12-06008-1	8mm	12V	50mm	60	
HJF24-06008-1	8mm	24V	100mm	60	
HJF12-12008-1	8mm	12V	25mm	120	
HJF24-12008-1	8mm	24V	50mm	120	
HJF12-18010-1	10mm	12V	16mm	180	
HJF24-18010-1	10mm	24V	32mm	180	
HJF12-24096-1	9.6mm	12V	12.5mm	240	
HJF24-24012-1	12mm	24V	25mm	240	
HJF24-14008-1	8mm	24V	-	140	
HJF12-12005-1	5mm	12V	25mm	120	
HJF24-12005-1	5mm	24V	50mm	120	
HJF24-23810-1	10mm	24V	29.5mm	238	
HJF24-06096-1	9.6mm	12V	50mm	60	



Feature ▼

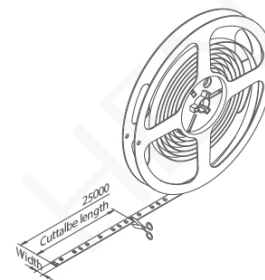
- Operating voltage: 24V DC
- Beam angle: 120 degree
- Driver type: constant voltage
- Operating temperature(range): -20°C to 60 °C
- CRI>90
- IP rating: IP20
- Variable cut points



Specifications ▼

Item	Size	Rated Input	Power	CCT	Efficiency	RA	IP
HJF24-16004-1A	4mm						
HJF24-12808-1A	8mm	24VDC	4w	4000K	210 lm/W	>90	20
HJF24-12010-1A	10mm						

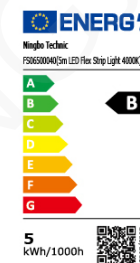
Installation & Dimensions: (mm) ▼





Feature ▼

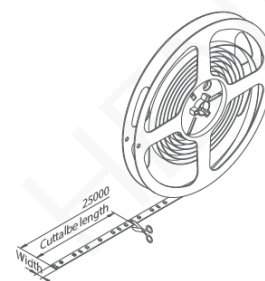
- Plug&play(External power supply)
- Customized design length
- Flexible and cuttable
- Linkable,max.linkable length 16'
- Lifetime 50,000hrs(ta=95°F, 35°C)
- Pretty high efficiency, class B energy label
- Available at five year system warranty with Hengjie LED power supply



Specifications ▼

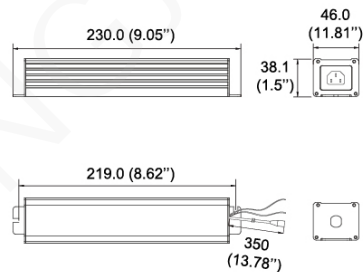
Item	Size	Rated Input	Power	CCT	Efficiency	RA	IP
HJF24-16004-1B	4mm						
HJF24-12808-1B	8mm	24VDC	10 W	4000K	185 lm/W	>90	20
HJF24-12010-1B	10mm						

Installation & Dimensions: (mm) ▼



US SERIES

Listed constant voltage output



Product Description

- Input voltage(120VAC)
- Input use AC inlet for quick connection
- Input interconnect additional up to maximum 8 drivers(HJD96-24VLA(US)-1L)
- Damp locations use
- Isolation 0/1-10V dimming interface with dimming range 5%-100%
- Fast start-up time $\leq 0.5s$
- No load power consumption $\leq 0.5W$
- Class2 output
- Protections:
 - against open and short circuits;
 - against overheating
 - against overloads.
- 5-years warranty

Safety & EMC Standard

- Safety According to UL 1310 UL 8750
- EMI According to FCC part15B

Technic Data

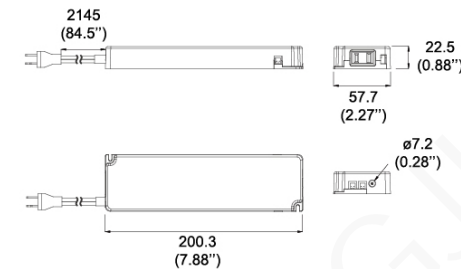
Item code	Rated input	PF	No load power consumption	Output	Output power range	Tolerance	Efficiency	ta	tc	Size (L×W×H)	Approval
HJD96-24VLA(US)-L	AC120V	0.95	$\leq 0.5W$	24VDC	0-96W	+/-5%	90.0%	-20...+45°C	85°C	230×46×38.1	UL CUL
HJD96-24VLA(US)-1L	AC120V	0.95	$\leq 0.5W$	24VDC	0-96W	+/-5%	90.0%	-20...+45°C	85°C	219×46×38.1	UL CUL

* Parameters measured at AC120V and full load.



US SERIES

Listed constant voltage output



Product Description

- Input voltage(100-120VAC)
- Independent constant voltage LED Driver
- Ultra-thin design, the height is 22.5mm
- Input use AC inlet and output use DC jack or socket for quick connection
- Input interconnect additional up to maximum 24 drivers(30W series) and maximum 10 drivers(60W/75W)
- Full protection functions with automatic recovery feature
- Fast start-up time $\leq 0.5s$
- No load power consumption $\leq 0.5W$
- Class2 output
- Multiple outputs optional
- Protections:
 - against open and short circuits;
 - against overheating
 - against overloads.
- 5-years warranty

Safety & EMC Standard

- Safety According to UL 1310 UL 8750
- EMI According to FCC part15B

Technic Data

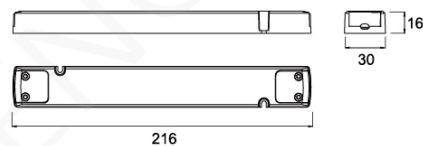
Item code	Rated input	PF	DF	No load power consumption	Output	Output power range	Tolerance	Efficiency	ta	tc	Size (L×W×H)	Approval
HJA30-12VF(UN)-1L	AC100-120V	0.95	0.95	$\leq 0.3W$	12VDC	0-30W	+/-5%	84.3%	-20...+45°C	90°C	200×57.7×22.5	UL CUL
HJA30-24VF(UN)-1L	AC100-120V	0.95	0.95	$\leq 0.3W$	24VDC	0-30W	+/-5%	85.6%	-20...+45°C	90°C	200×57.7×22.5	UL CUL
HJA60-12VF(UN)-1L	AC100-120V	0.95	0.95	$\leq 0.5W$	12VDC	0-60W	+/-5%	88.0%	-20...+45°C	90°C	200×57.7×22.5	UL CUL
HJA75-24VF(UN)-1L	AC100-120V	0.95	0.95	$\leq 0.5W$	24VDC	0-75W	+/-5%	89.0%	-20...+45°C	90°C	200×57.7×22.5	UL CUL

* Parameters measured at AC120V and full load.



ADVANCE SERIES

Linear constant voltage output



Product Description

- Independent power supply for constant voltage LED lamp
- Terminal block for quick connection
- Class II protection against electric shock for direct or indirect contact
- Super thin and shortest size design
- Driver can be secured with slot for screws
- Fast start-up time $\leq 0.5s$, SELV output
- Compliance to ERP directive
- Noise isolation technology
- Suitable for low voltage controller of different frequency
- Slim demmension for narrow areas such cabinets
- Protections:
 - against open and short circuits
 - against overheating
 - against overloads
- 5-year warranty

Safety & EMC Standard

- Safety According to EN 61347-1, EN 61347-2-13
- EMI According to EN 55015
- EMS According to EN 61000-3-2, EN 61000-3-3, EN 61547
- EMF According to EN62493-2010
- ERP According to COMMISSION REGULATION (EU) 2019/2020



AC inlet Optional

Technic Data

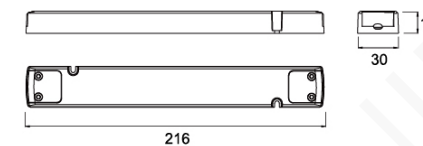
Item code	Rated input	PF	DF	No load power consumption	Output	Output power range	Tolerance	Efficiency	ta	tc	Size (L×W×H)	Approval
HJA30-12VL	AC220-240V	0.95	0.95	$\leq 0.5W$	12VDC	0-30W	+/-5%	84.0%	-20...+50°C	90°C	216×30×16	ENEC TUV
HJA30-24VL	AC220-240V	0.95	0.95	$\leq 0.5W$	24VDC	0-30W	+/-5%	85.0%	-20...+50°C	90°C	216×30×16	ENEC TUV

* Measured at AC 230V and full load.



ADVANCE SERIES

Linear constant voltage output



Product Description

- Independent power supply for constant voltage LED lamp
- Terminal block for quick connection
- Class II protection against electric shock for direct or indirect contact
- Super thin and shortest size design
- Driver can be secured with slot for screws
- Fast start-up time $\leq 0.5s$, SELV output
- Compliance to ERP directive
- Noise isolation technology
- Suitable for low voltage controller of different frequency
- Slim demmension for narrow areas such cabinets
- Protections:
 - against open and short circuits
 - against overheating
 - against overloads
- 5-year warranty

Safety & EMC Standard

- Safety According to EN 61347-1, EN 61347-2-13
- EMI According to EN 55015
- EMS According to EN 61000-3-2, EN 61000-3-3, EN 61547
- EMF According to EN62493-2010
- ERP According to COMMISSION REGULATION (EU) 2019/2020



AC inlet Optional

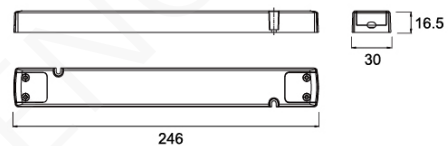
Technic Data

Item code	Rated input	PF	DF	No load power consumption	Output	Output power range	Tolerance	Efficiency	ta	tc	Size (L×W×H)	Approval
HJA45-12VL	AC220-240V	0.95	0.95	$\leq 0.5W$	12VDC	0-45W	+/-5%	86.5%	-20...+45°C	90°C	216×30×16	ENEC TUV
HJA45-24VL	AC220-240V	0.95	0.95	$\leq 0.5W$	24VDC	0-45W	+/-5%	87.0%	-20...+45°C	90°C	216×30×16	ENEC TUV

* Measured at AC 230V and full load.



ADVANCE SERIES
Linear constant voltage output



Product Description

- Independent power supply for constant voltage LED lamp
- Terminal block for quick connection
- Class II protection against electric shock for direct or indirect contact
- Super thin and shortest size design
- Driver can be secured with slot for screws
- Fast start-up time $\leq 0.5s$, SELV output
- Compliance to ERP directive
- Noise isolation technology
- Suitable for low voltage controller of different frequency
- Slim demmension for narrow areas such cabinets
- Protections:
 - against open and short circuits
 - against overheating
 - against overloads
- 5-year warranty

Safety & EMC Standard

- Safety According to EN 61347-1, EN 61347-2-13 UL 1310 UL 8750
- EMI According to EN 55015 FCC part15B
- EMS According to EN 61000-3-2, EN 61000-3-3, EN 61547
- EMF According to EN62493-2010
- ERP According to COMMISSION REGULATION (EU) 2019/2020



AC inlet Optional

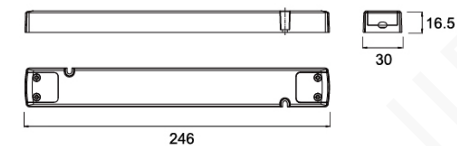
Technic Data

Item code	Rated input	PF	DF	No load power consumption	Output	Output power range	Tolerance	Efficiency	ta	tc	Size (L×W×H)	Approval
HJA60-12VL	AC 220-240V	0.95	0.95	$\leq 0.5W$	12VDC	0-60W	$\pm 5\%$	91.0%	-20...+50°C	90°C	246×30×16.5	ENEC TUV
HJA60-24VL	AC 220-240V	0.95	0.95	$\leq 0.5W$	24VDC	0-60W	$\pm 5\%$	92.0%	-20...+50°C	90°C	246×30×16.5	ENEC TUV
HJA30-12VL(UN)	AC 120V/220-240V	0.95	0.95	$\leq 0.5W$	12VDC	0-30W	$\pm 5\%$	86.0%	-20...+45°C	90°C	246×30×16.5	UL ENEC pending
HJA30-24VL(UN)	AC 120V/220-240V	0.95	0.95	$\leq 0.5W$	24VDC	0-30W	$\pm 5\%$	86.0%	-20...+45°C	90°C	246×30×16.5	UL ENEC pending

* Measured at AC 230V and full load.



ADVANCE SERIES
Linear constant voltage output



Product Description

- Independent power supply for constant voltage LED lamp
- Terminal block for quick connection
- Class II protection against electric shock for direct or indirect contact
- Super thin and shortest size design
- Driver can be secured with slot for screws
- Fast start-up time $\leq 0.5s$, SELV output
- Compliance to ERP directive
- Noise isolation technology
- Suitable for low voltage controller of different frequency
- Slim demmension for narrow areas such cabinets
- Protections:
 - against open and short circuits
 - against overheating
 - against overloads
- 5-year warranty

Safety & EMC Standard

- Safety According to EN 61347-1, EN 61347-2-13
- EMI According to EN 55015
- EMS According to EN 61000-3-2, EN 61000-3-3, EN 61547
- EMF According to EN62493-2010
- ERP According to COMMISSION REGULATION (EU) 2019/2020



AC inlet Optional

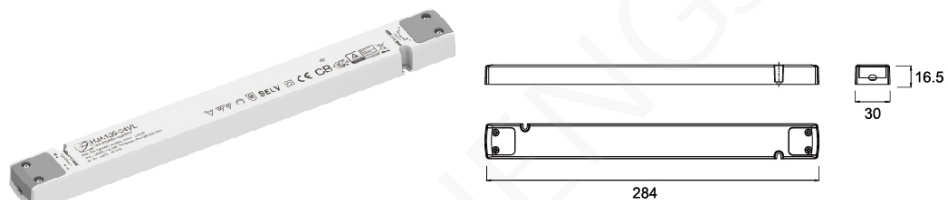
Technic Data

Item code	Rated input	PF	DF	No load power consumption	Output	Output power range	Tolerance	Efficiency	ta	tc	Size (L×W×H)	Approval
HJA75-12VL	AC220-240V	0.95	0.95	$\leq 0.5W$	12VDC	0-75W	$\pm 5\%$	90.6%	-20...+45°C	90°C	246×30×16.5	ENEC TUV
HJA75-24VL	AC220-240V	0.95	0.95	$\leq 0.5W$	24VDC	0-75W	$\pm 5\%$	91.6%	-20...+45°C	90°C	246×30×16.5	ENEC TUV

* Measured at AC 230V and full load.



ADVANCE SERIES
Linear constant voltage output



Product Description

- Independent power supply for constant voltage LED lamp
- Terminal block for quick connection
- Class II protection against electric shock for direct or indirect contact
- Super thin and shortest size design
- Driver can be secured with slot for screws
- Fast start-up time $\leq 0.5s$, SELV output
- Compliance to ERP directive
- Noise isolation technology
- Suitable for low voltage controller of different frequency
- Slim demmension for narrow areas such cabinets
- Protections:
 - against open and short circuits
 - against overheating
 - against overloads
- 5-year warranty

Safety & EMC Standard

- Safety According to EN 61347-1, EN 61347-2-13 UL 1310 UL 8750
- EMI According to EN 55015 FCC part15B
- EMS According to EN 61000-3-2, EN 61000-3-3, EN 61547
- EMF According to EN62493-2010
- ERP According to COMMISSION REGULATION (EU) 2019/2020



AC inlet Optional

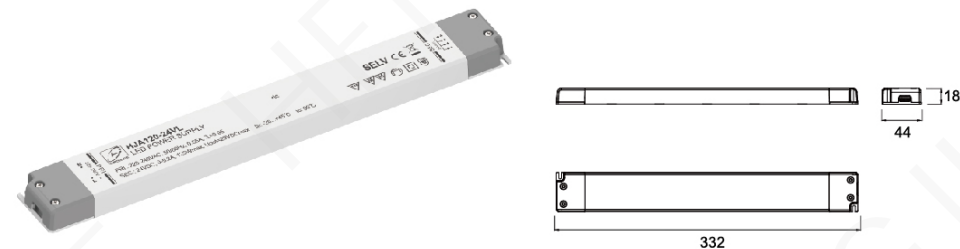
Technic Data

Item code	Rated input	PF	DF	No load power consumption	Output	Output power range	Tolerance	Efficiency	ta	tc	Size (L×W×H)	Approval
HJA100-12VL	AC220-240V	0.95	0.95	$\leq 0.5W$	12VDC	0-100W	$\pm 5\%$	91.0%	-20...+50°C	90°C	284×30×16.5	ENEC TUV
HJA100-24VL	AC220-240V	0.95	0.95	$\leq 0.5W$	24VDC	0-100W	$\pm 5\%$	92.0%	-20...+50°C	90°C	284×30×16.5	ENEC TUV
HJA60-12VL(UN)	AC 120V/220-240V	0.95	0.95	$\leq 0.5W$	12VDC	0-60W	$\pm 5\%$	91.0%	-20...+45°C	90°C	284×30×16.5	UL ENEC pending
HJA75-24VL(UN)	AC 120V/220-240V	0.95	0.95	$\leq 0.5W$	24VDC	0-75W	$\pm 5\%$	92.0%	-20...+45°C	90°C	284×30×16.5	UL ENEC pending

* Measured at AC 230V and full load.



ADVANCE SERIES
Linear constant voltage output



Product Description

- Independent power supply for constant voltage LED lamp
- Terminal block for quick connection
- Class II protection against electric shock for direct or indirect contact.
- Super thin and shortest size design
- Driver can be secured with slot for screws.
- Fast start-up time $\leq 0.5s$, SELV output.
- Compliance to ERP directive.
- Protections:
 - against open and short circuits;
 - against overheating
 - against overloads.
- 5-year warranty

Safety & EMC Standard

- Safety According to EN 61347-1, EN 61347-2-13
- EMI According to EN 55015
- EMS According to EN 61000-3-2, EN 61000-3-3, EN 61547
- EMF According to EN62493-2010
- ERP According to COMMISSION REGULATION (EU) 2019/2020



AC inlet Optional

Technic Data

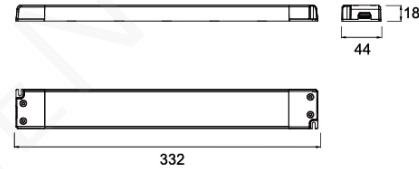
Item code	Rated input	PF	DF	No load power consumption	Output	Output power range	Tolerance	Efficiency	ta	tc	Size (L×W×H)	Approval
HJA120-12VL	AC220-240V	0.95	0.95	$\leq 0.5W$	12VDC	0-120W	$\pm 5\%$	91.5%	-20...+45°C	90°C	332×44×18	ENEC
HJA120-24VL	AC220-240V	0.95	0.95	$\leq 0.5W$	24VDC	0-120W	$\pm 5\%$	92.0%	-20...+45°C	90°C	332×44×18	ENEC

* Measured at AC 230V and full load.



ADVANCE SERIES

Linear constant voltage output



Product Description

- Independent power supply for constant voltage LED lamp
- Terminal block for quick connection
- Class II protection against electric shock for direct or indirect contact.
- Super thin and shortest size design
- Driver can be secured with slot for screws.
- Fast start-up time $\leq 0.5s$, SELV output.
- Compliance to ERP directive.
- Protections:
 - against open and short circuits;
 - against overheating
 - against overloads.
- 5-year warranty

Safety & EMC Standard

- Safety According to EN 61347-1, EN 61347-2-13
- EMI According to EN 55015
- EMS According to EN 61000-3-2, EN 61000-3-3, EN 61547
- EMF According to EN 62493-2010
- ERP According to COMMISSION REGULATION (EU) 2019/2020



AC inlet Optional

Technic Data

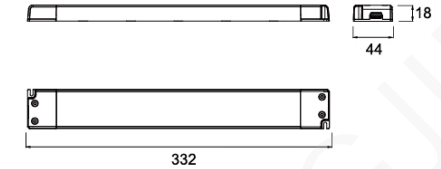
Item code	Rated input	PF	DF	No load power consumption	Output	Output power range	Tolerance	Efficiency	ta	tc	Size (LxWxH)	Approval
HJA150-12VL	AC220-240V	0.95	0.95	$\leq 0.5W$	12VDC	0-144W	+/-5%	93.0%	-20...+45°C	90°C	332x44x18	ENEC
HJA160-24VL	AC220-240V	0.95	0.95	$\leq 0.5W$	24VDC	0-160W	+/-5%	94.0%	-20...+45°C	90°C	332x44x18	ENEC

* Measured at AC 230V and full load.



ADVANCE SERIES

Linear constant voltage output



Product Description

- Independent power supply for constant voltage LED lamp
- Terminal block for quick connection
- Class II protection against electric shock for direct or indirect contact.
- Super thin and shortest size design
- Driver can be secured with slot for screws.
- Fast start-up time $\leq 0.5s$, SELV output.
- Compliance to ERP directive.
- Protections:
 - against open and short circuits;
 - against overheating
 - against overloads.
- 5-year warranty

Safety & EMC Standard

- Safety According to EN 61347-1, EN 61347-2-13
- EMI According to EN 55015
- EMS According to EN 61000-3-2, EN 61000-3-3, EN 61547
- EMF According to EN 62493-2010
- ERP According to COMMISSION REGULATION (EU) 2019/2020



AC inlet Optional

Technic Data

Item code	Rated input	PF	DF	No load power consumption	Output	Output power range	Tolerance	Efficiency	ta	tc	Size (LxWxH)	Approval
HJA200-24VL	AC220-240V	0.95	0.95	$\leq 0.5W$	24VDC	0-200W	+/-5%	94.5%	-20...+45°C	90°C	332x44x18	ENEC
HJA200-48VL	AC220-240V	0.95	0.95	$\leq 0.5W$	48VDC	0-200W	+/-5%	95.0%	-20...+45°C	90°C	332x44x18	ENEC

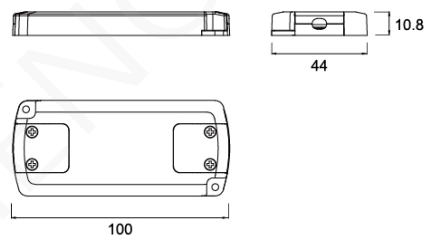
* Measured at AC 230V and full load.



BASIC SERIES

Ultrathin constant voltage / constant current output

CV/CC



Product Description

- Independent power supply for constant voltage LED lamp
- Terminal block for quick connection
- Class II protection against electric shock for direct or indirect contact.
- Super thin size design
- Driver can be secured with slot for screws.
- Fast start-up time $\leq 0.5s$, SELV output.
- Compliance to ERP directive.
- Protections:
 - against open and short circuits;
 - against overheating
 - against overloads.
- 3-years warranty

Safety & EMC Standard

- Safety According to EN 61347-1, EN 61347-2-13
- EMI According to EN 55015
- EMS According to EN 61000-3-2, EN 61000-3-3, EN 61547
- EMF According to EN62493-2010
- ERP According to COMMISSION REGULATION (EU) 2019/2020

Technic Data

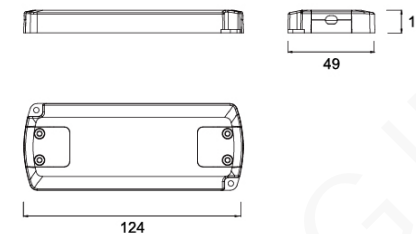
Item code	Rated input	PF	DF	No load power consumption	Efficiency	CV			CC			ta	tc	Size (L×W×H)	Approval	
						Output voltage	Output power range	Tolerance	Output Current	Output voltage range	Output power range					Tolerance
HJA6-12VF-2	AC220-240V	0.50C	0.85	$\leq 0.3W$	78.0%	12VDC	0-6W	+/-5%	700mA	3-8.5V	2.1-6W	+/-8%	-20...+50°C	75°C	100×44×10.8	CE
HJA6-24VF-2	AC220-240V	0.50C	0.85	$\leq 0.3W$	80.5%	24VDC	0-6W	+/-5%	350mA	6-17V	2.1-6W	+/-8%	-20...+50°C	75°C	100×44×10.8	CE

* Measured at AC 230V and full load.



BASIC SERIES

Ultrathin constant voltage output



Product Description

- Independent power supply for constant voltage LED lamp
- Terminal block for quick connection
- Class II protection against electric shock for direct or indirect contact.
- Super thin size design
- Driver can be secured with slot for screws.
- Fast start-up time $\leq 0.5s$, SELV output.
- Compliance to ERP directive.
- Protections:
 - against open and short circuits;
 - against overheating
 - against overloads.
- 3-years warranty

Safety & EMC Standard

- Safety According to EN 61347-1, EN 61347-2-13
- EMI According to EN 55015
- EMS According to EN 61000-3-2, EN 61000-3-3, EN 61547
- EMF According to EN62493-2010
- ERP According to COMMISSION REGULATION (EU) 2019/2020

Technic Data

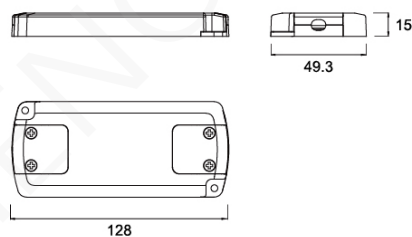
Item code	Rated input	PF	DF	No load power consumption	Output	Output power range	Tolerance	Efficiency	ta	tc	Size (L×W×H)	Approval
HJA15-24VF-2	AC220-240V	0.50C	0.85	$\leq 0.3W$	24VDC	0-15W	+/-5%	85.5%	-20...+45°C	85°C	124×49×13	CE

* Measured at AC 230V and full load.



STANDARD SERIES

Ultrathin constant voltage output



Product Description

- Independent power supply for constant current LED lamp
- Terminal block for quick connection
- Class II protection against electric shock for direct or indirect contact
- Super thin size design
- Driver can be secured with slot for screws
- Fast start-up time $\leq 0.5s$, SELV output
- Compliance to ERP directive
- Protections:
 - against open and short circuits
 - against overheating
 - against overloads
- 5-year warranty

Safety & EMC Standard

- Safety According to EN 61347-1, EN 61347-2-13
- EMI According to EN 55015
- EMS According to EN 61000-3-2, EN 61000-3-3, EN 61547
- EMF According to EN62493-2010
- ERP According to COMMISSION REGULATION (EU) 2019/2020

Technic Data

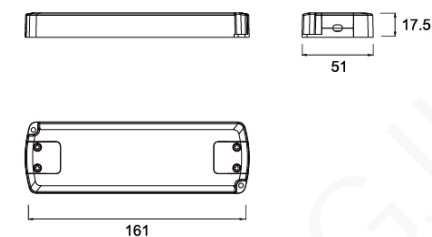
Item code	Rated input	PF	DF	No load power consumption	Output	Output power range	Tolerance	Efficiency	ta	tc	Size (L×W×H)	Approval
HJA20-12VF-1	AC220-240V	0.55C	0.85	$\leq 0.3W$	12VDC	0-20W	+/-5%	84.1%	-20...+45°C	85°C	128×49.3×15	ENEC TUV
HJA20-24VF-1	AC220-240V	0.55C	0.85	$\leq 0.3W$	24VDC	0-20W	+/-5%	87.6%	-20...+45°C	85°C	128×49.3×15	ENEC TUV

* Measured at AC 230V and full load.



STANDARD SERIES

Ultrathin constant voltage output



Product Description

- Independent power supply for constant current LED lamp
- Terminal block for quick connection
- Class II protection against electric shock for direct or indirect contact
- Super thin size design
- Driver can be secured with slot for screws
- Fast start-up time $\leq 0.5s$, SELV output
- Compliance to ERP directive
- Protections:
 - against open and short circuits
 - against overheating
 - against overloads
- 5-year warranty

Safety & EMC Standard

- Safety According to EN 61347-1, EN 61347-2-13
- EMI According to EN 55015
- EMS According to EN 61000-3-2, EN 61000-3-3, EN 61547
- EMF According to EN62493-2010
- ERP According to COMMISSION REGULATION (EU) 2019/2020

Technic Data

Item code	Rated input	PF	DF	No load power consumption	Output	Output power range	Tolerance	Efficiency	ta	tc	Size (L×W×H)	Approval
HJA30-12VF-1	AC220-240V	0.95	0.95	$\leq 0.3W$	12VDC	0-30W	+/-5%	83.5%	-20...+45°C	85°C	161×51×17.5	ENEC TUV
HJA30-24VF-1	AC220-240V	0.95	0.95	$\leq 0.3W$	24VDC	0-30W	+/-5%	84.5%	-20...+45°C	85°C	161×51×17.5	ENEC TUV

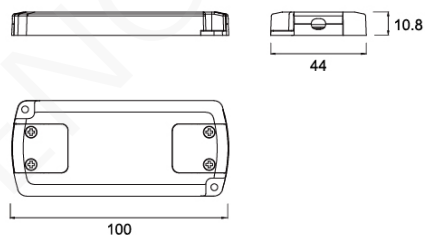
* Measured at AC 230V and full load.



STANDARD SERIES

Ultrathin constant voltage / constant current output

CV/CC



Product Description ▾

- Independent power supply for constant current LED lamp
- Terminal block for quick connection
- Mini DC socket at the secondary side for quick connection
- Class II protection against electric shock for direct or indirect contact
- Super thin size design
- Driver can be secured with slot for screws
- Fast start-up time $\leq 0.5s$, SELV output
- Compliance to ERP directive
- Protections:
 - against open and short circuits
 - against overheating
 - against overloads
- 5-year warranty

Safety & EMC Standard ▾

- Safety According to EN 61347-1, EN 61347-2-13
- EMI According to EN 55015
- EMS According to EN 61000-3-2, EN 61000-3-3, EN 61547
- EMF According to EN 62493-2010
- ERP According to COMMISSION REGULATION (EU) 2019/2020

Technic Data ▾

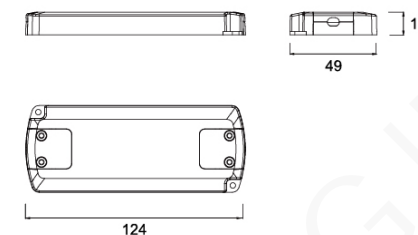
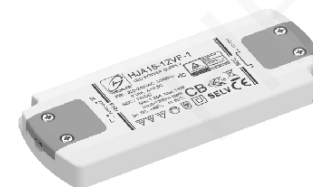
Item code	Rated input	PF	DF	No load power consumption	Efficiency	CV			CC			ta	tc	Size (L×W×H)	Approval	
						Output voltage	Output power range	Tolerance	Output Current	Output voltage range	Output power range					Tolerance
HJA6-12VF	AC220-240V	0.50C	0.85	$\leq 0.3W$	70.0%	12VDC	0-6W	+/-5%	700mA	1-8.5V	0.7-6W	+/-8%	-20...+45°C	85°C	100×44×10.8	ENEC TUV
HJA6-24VF-1	AC220-240V	0.50C	0.85	$\leq 0.3W$	76.5%	24VDC	0-6W	+/-5%	350mA	1-17.5V	0.35-6W	+/-8%	-20...+45°C	85°C	100×44×10.8	ENEC TUV

* Measured at AC 230V and full load.



STANDARD SERIES

Ultrathin constant voltage output



Product Description ▾

- Independent power supply for constant current LED lamp
- Terminal block for quick connection
- Class II protection against electric shock for direct or indirect contact
- Super thin size design
- Driver can be secured with slot for screws
- Fast start-up time $\leq 0.5s$, SELV output
- Compliance to ERP directive
- Protections:
 - against open and short circuits
 - against overheating
 - against overloads
- 5-year warranty

Safety & EMC Standard ▾

- Safety According to EN 61347-1, EN 61347-2-13
- EMI According to EN 55015
- EMS According to EN 61000-3-2, EN 61000-3-3, EN 61547
- EMF According to EN 62493-2010
- ERP According to COMMISSION REGULATION (EU) 2019/2020

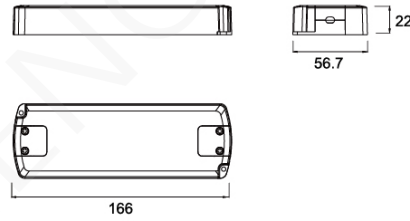
Technic Data ▾

Item code	Rated input	PF	DF	No load power consumption	Output	Output power range	Tolerance	Efficiency	ta	tc	Size (L×W×H)	Approval
HJA15-24VF-1	AC220-240V	0.50C	0.85	$\leq 0.3W$	24VDC	0-15W	+/-5%	87.5%	-20...+45°C	80°C	124×49×13	ENEC TUV

* Measured at AC 230V and full load.



STANDARD SERIES
Ultrathin constant voltage output



Product Description

- Independent power supply for constant voltage LED lamp
- Terminal block for quick connection
- Class II protection against electric shock for direct or indirect contact.
- Super thin size design
- Driver can be secured with slot for screws.
- Fast start-up time $\leq 0.5s$, SELV output.
- Compliance to ERP directive.
- Protections:
 - against open and short circuits;
 - against overheating
 - against overloads.
- 5-year warranty

Safety & EMC Standard

- Safety According to EN 61347-1, EN 61347-2-13
- EMI According to EN 55015
- EMS According to EN 61000-3-2, EN 61000-3-3, EN 61547
- EMF According to EN62493-2010
- ERP According to COMMISSION REGULATION (EU) 2019/2020

Technic Data

Item code	Rated input	PF	DF	No load power consumption	Output	Output power range	Tolerance	Efficiency	ta	tc	Size (L×W×H)	Approval
HJA75-12VF-1	AC220-240V	0.95	0.95	$\leq 0.5W$	12VDC	0-75W	$\pm 5\%$	91.0%	-20...+45°C	85°C	166×56.7×22	ENEC
HJA75-24VF-1	AC220-240V	0.95	0.95	$\leq 0.5W$	24VDC	0-75W	$\pm 5\%$	92.0%	-20...+45°C	85°C	166×56.7×22	ENEC
HJA100-12VF	AC220-240V	0.95	0.95	$\leq 0.5W$	12VDC	0-100W	$\pm 5\%$	91.0%	-20...+45°C	90°C	166×56.7×22	CE
HJA100-24VF	AC220-240V	0.95	0.95	$\leq 0.5W$	24VDC	0-100W	$\pm 5\%$	92.0%	-20...+45°C	90°C	166×56.7×22	CE

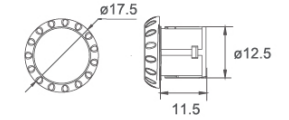
* Measured at AC 230V and full load.



HJS-IR1



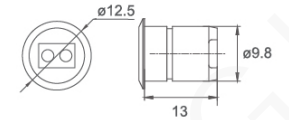
- IR Sensor**
- Detection Range: 5-10 cm
 - Hole size: $\phi 14mm$



HJS-IR2



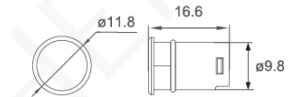
- IR Sensor**
- Detection Range: 5-10 cm
 - Hole size: $\phi 10mm$



HJS-IR3



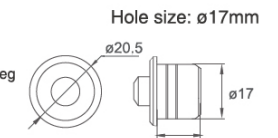
- IR Sensor**
- Detection Range: 5-10 cm
 - Hole size: $\phi 10mm$



HJS-PIR



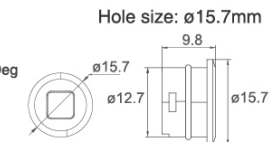
- PIR Sensor**
- Detection Range: 1-3 m; Max.100 Deg
 - Hole size: $\phi 17mm$



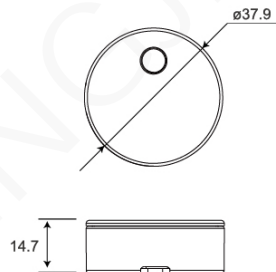
HJS-PIR2



- PIR2 Sensor**
- Detection Range: 1-3 m; Max.100 Deg
 - Hole size: $\phi 17mm$



MOTION CONTROLLER
Microwave sensor controller



Product Description ✓

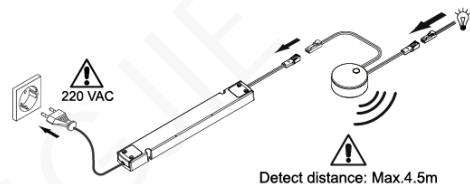
- LifeBeing detect: Integrated 24G microwave sensor with breathing, final motion and moving detection function
- Built-in ambient light detect
- Configurable Dimming down function In the delay time when people leave
- Delay time, sensing distance and ambient light can be set by dip switch.
- LED load power: 12V:Max.36W 24V:Max.72W
- 5-year warranty

Safety & EMC Standard ✓

- Safety According to EN 61347-1, EN61347-2-11 and EN61058-1
- EMC According to EN 301489-1/3
- RF According to EN 300440

Product Installation ✓

- Installation: Recessed and surface mounted

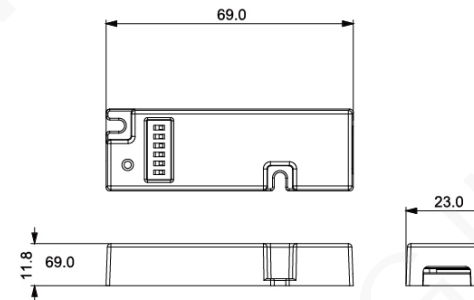


Technic Data ✓

Item code	Rated input	Power	Rated Current	Angle	Detection Range	Operating Frequency	ta	tc	Size (L×W×H)	Approval
HJK72-24VFU	12/24 VDC	36/72W	3A	90°	Max.4.5m	24G	-20...+50°C	60°C	37.9×14.7	CE



MOTION CONTROLLER
Microwave sensor controller



Product Description ✓

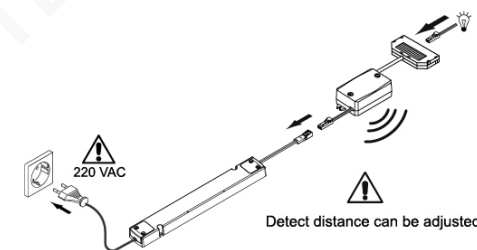
- Microwave detection: when people moving in the detection area, light turn on; When human-body leaves the detection range or no motion detected in the detection range, light turn off.
- Detection range can be adjusted by potentiometer
- Terminal block for quick connection
- LED load power: 12V:Max.60W 24V:Max.120W
- 5-year warranty

Safety & EMC Standard ✓

- Safety According to EN 61347-1, EN61347-2-11 and EN61058-1
- EMC According to EN 301489-1/3
- RF According to EN 300440

Product Installation ✓

- Side sensing, suitable for top and low cabinet applications.
- Used for integral cloakroom, cabinet, study, etc.



Technic Data ✓

Item code	Rated input	Power	Rated Current	Angle	Detection Range	Operating Frequency	ta	tc	Size (L×W×H)	Approval
HJK120-24VFU	12/24 VDC	60/120W	5A	-	1-15m	5.8G	-20...+50°C	60°C	69×23×12	CE



HJW01-1022B / HJW01-1122W



- Connect Cable with LED Mini Female/Male connector**
- 24V, 3A
 - 2x0.34mm² cable, optional colour: blk/blk-red ,white/white-blk,transparent
 - optional: tin/copper plated, black /white LED male /female connector

HJW03-1022B / HJW03-1122W



- 3-way-distributor**
- 24V, 3A
 - 2x0.34mm² cable, optional colour: blk/blk-red, white/white-blk
 - optional: tin/copper plated, black/white LED male/female connector

HJW06-1022B / HJW06-1122W



- 6-way-distributor**
- 24V, 3A
 - 2x0.34mm² cable, optional colour: blk/blk-red, white/white-blk
 - optional: tin/copper plated, black/white LED male/female connector

HJW06-1220B / HJW06-1220W



- 6-way-distributor with fuse**
- 24V, 6A
 - 2468 20AWGx2C black/white cable
 - tin/copper plated

HJW10-1318B / HJW10-1318W



- 10-way-distributor**
- 24V, 10A
 - H03VVH2-F 2x0.75mm² black/white cable
 - tin/copper plated

HJW01-0122W / HJW01-0122W-01



- Connect Cable with JST-2510 Female/Male connector**
- 24V, 3A
 - 2x0.34mm² cable, optional colour: blk/blk-red, white/white-blk, transparent
 - optional: tin/copper plated, black/white JST-2510male/female connector

HJW04-0318W



- JST-2510 4-way-distributor**
- 24V, 10A
 - H03VVH2-F 2x0.75mm² black/white cable
 - tin/copper plated

HJW06-0318W



- JST-2510 6-way-distributor**
- 24V, 10A
 - H03VVH2-F 2x0.75mm² black /white cable
 - tin/copper plated

HJW12-0318W



- JST-2510 12-way-distributor**
- 24V, 10A
 - H03VVH2-F 2x0.75mm² black /white cable
 - tin/copper plated

HJW04-0622W



- RGB 4-way-distributor**
- 24V, 3A
 - 4x22AWG white cable
 - tin/copper plated

HJW04-0622W-1

**RGB 4-way-distributor**

- Max.24V, 3A
- 4x22AWG white cable
- tin/copper plated

HJW04-2122W

**Connect Cable with JST-XH-2 Female/Male connector**

- 24V, 3A
- 2x0.34mm² black/white cable
- tin/copper plated, white JST-XH-2 male/female connector

HJW01-4420W

**D8 LV Female/male Connectors**

- 24V, 6A
- 2464 2x20AWG black/white cable
- tin/copper plated

HJW06-4418W

**D8 LV 6-way Distributor**

- 24V, 6A
- 2464 2x18AWG black/white cable, with 5A fuse
- tin/copper plated

HJW01-4320W-1

**D8 HV Female Connectors**

- 250VAC, 2.5A
- H03VVH2 2x0.5mm² white cable
- tin/copper plated

HJW01-4320W

**D8 HV Male Connectors**

- 250VAC, 2.5A
- H03VVH2 2x0.5mm² white cable
- tin/copper plated

HJW06-4318W

**D8 high pressure six-hole female distributor**

- Max.250VAC, 2.5A
- H03VVH2 2x0.75mm² white cable
- tin/copper plated

HJW01-4320W-2

**TYCO MINI HV Female/male Connectors**

- Max.250VAC, 2.5A
- H03VVH2 2x0.5mm² white cable
- tin/copper plated

HJW01-5318W / HJW01-5318W-1

**AMP HV Female/male Connectors**

- Max.250VAC, 7A
- H03VVH2 2x0.75mm² white cable
- tin/copper plated

HJW01-5318B / HJW01-5318B-1

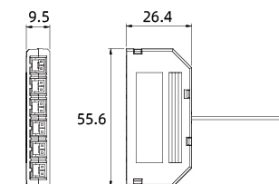
**AMP HV LED mini Female/male Connectors**

- Max.250VAC, 7A
- H03VVH2 2x0.75mm² white cable
- tin/copper plated

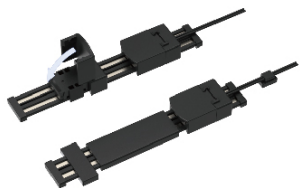
HJW06-10419B

**6-way distribution for ex-power**

- Max.10A input
- Max.6A for one way output
- Stain Relief lock appliance
- Multi-protection pin design



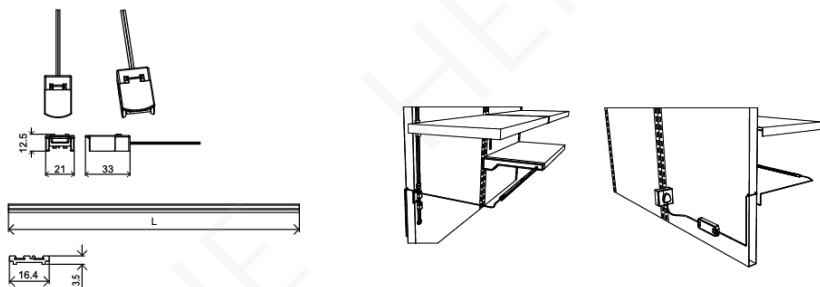
HJZ02-027-01



MASTER 2

- power supply system for retail industry furniture backside installation or magnet installation on metal shelf.
- Snap-on fixing method to solve poor contact or ignition problems
- Can be placed in small spaces

Installation & Dimensions: (mm)



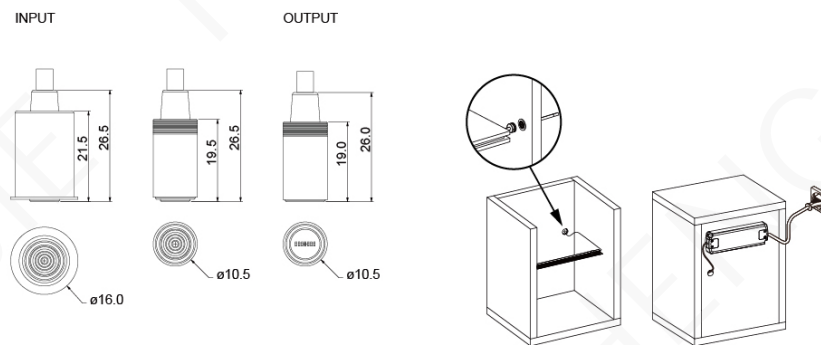
HJW01-7022B



Magnet connecting system

- Magnet male&female connector
- Recessed mounting integrate into cabinet
- Adaptor connection
- Max.3A(24V)

Installation & Dimensions: (mm)



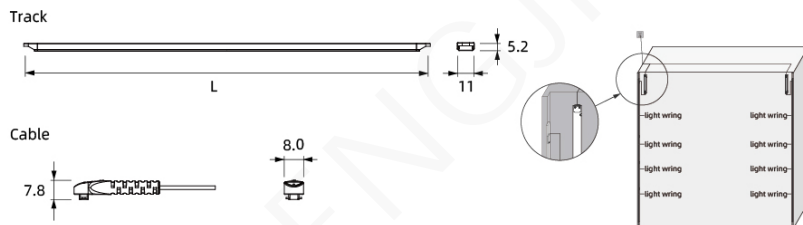
HJW01-8218B / HJW01-8222B



POWER TRACK MANAGEMENT

- Electrical for 24V input and output loading
- Replace junction box or harness
- Magnet or screw mounting
- Input cable: 2x18AWG cable(Max.24V,8A)
- Output cable: 2x22AWG cable(Max.24V,3A)

Installation & Dimensions: (mm)



HJW01-9022B



Shelf connecting system

- Slim power track system
- Recessed mounting into cabinet
- Non visible area for cable through
- Optional color fit for cabinet
- Shelf movable for electrical power
- Max.3A(24V)

Installation & Dimensions: (mm)

