

PRODUCT MANUAL FURNITURE - 2022









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.



35+

EXPERIENCED ENGINEERS

100%

QUALITY CONTROL & INSPECTION DURING



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.



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.







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DEVELOPMENT HISTORY

Ningbo Technic Lighting Co., Ltd

2005

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

2012

Recognized as national high-Tech-enterprise

2014

FUCHENG LIGHTING merge to Hengjie, enlarge the business capability

2018

NingBo R&D setup

Driver division build develop



2004

HENGJIE start furniture lgihting

2009

NINGBO TECHNIC LIGHTING setup
--LED driver and Control system

2015

Tooling company setup for precision mould & CNC

2020

Move to new factory Enlarged to 30000m2







• 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

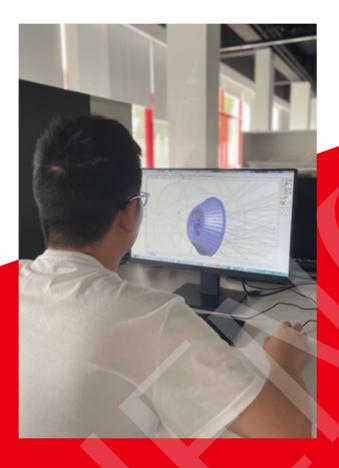
Provide the whole lighting system, that is able to integrate power supply, intelligent control, LED connecting into lighting fixtures.

• 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.

HENGJIE TECHNIC LIGHTING

TECHNICAL Research & Development



R&D Team specialized in the latest technology in LED lighting industry.

Design and develop capabilities for power and controlers and lighting fixtures.

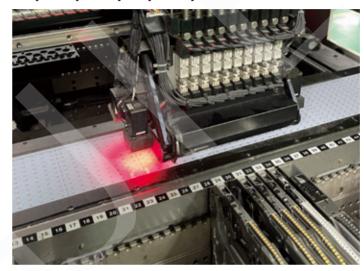
Engineering team from power

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.









12 SKY LARDER



14 LURKER 2



24 INNER 2



26 MEROPE



16 SLIM



18
BOUNCER 3



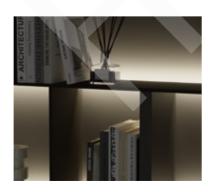
28 BIO



30 MINI BIO



20 THALIA



22 THALIA 2



32 GALAXY



33-38 CONNECTION

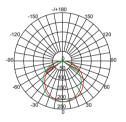
PANEL LIGHTS SKY LARDER



Feature V

- Fixed under the cupboard simply by screws.
- Uniform illumination with edge lit design.
- Seamless connection with locking system.
- With IR sensor.

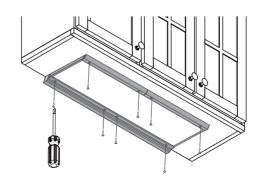
Luminous Intensity ✓

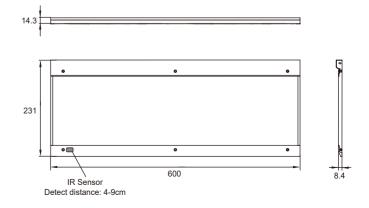


Specifications <a> \begin{array}{c} \begin{array} \begin{array}{c} \begin{array}{c} \begin{array}{c} \begin{

Item	Length	Rated Input	Power	CCT	Efficiency	RA	IP	Beam angle
HJL03-007S	600 mm	24V DC	6.1 W	3000K	75 lm/W	>90	20	110°

Installation & Dimensions: (mm) ✓





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2022 Product Manual



Ningbo Technic Lighting Co., Ltd. | www.technic-lighting.com | sales@technic-lighting.com

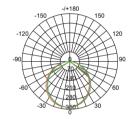
PANEL LIGHTS LURKER 2



Feature

- Super slim design, with only 8mm thickness.
- Simple installation. Can be fixed under the cupboard by screws, simple and aesthetical mounting solution.
- Seamless connection with locking system.
- With IR sensor

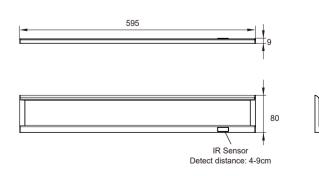
Luminous Intensity ✓



Specifications ✓

Item	Length	Rated Input	Power	ССТ	Efficiency	RA	IP	Beam angle
HJL03-025LI-02	595 mm	24V DC	6.0 W	3000K	55 lm/W	>90	20	115°





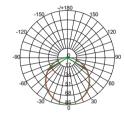
PUCK LIGHT SLIM



Feature V

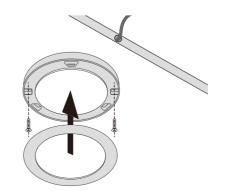
- Ultra-thin design, Surface mounting in the cupboard, which has less impact on the aesthetics of furniture.
- With touch switch version & without touch switch version, can be used as set lights.
- Hidden screw installation, convenient and beautiful.
- Integrated lens design lead to a good lighting effect.

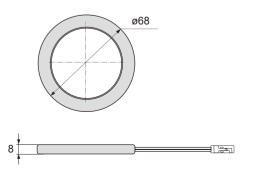
Luminous Intensity ✓



Specifications

Item	Size	Rated Input	Power	CCT	Efficiency	RA	IP	Beam angle
HJL05-009RT	ø68mm x 8mm	24V DC	2.5 W	3000K	85 lm/W	>90	20	115°









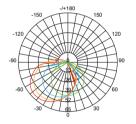
LINEAR LIGHT BOUNCER 3



Feature V

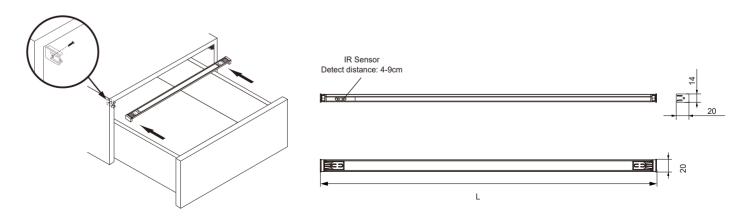
- Flexible cut in length fit for various drawers.
- Mounting fixture adjustable in length max.40mm.
- Plug&play for simple assembly.
- With IR sensor.

Luminous Intensity ✓



Specifications <a>

Item	Length	Rated Input	Power	CCT	Lumen	RA	IP	Beam angle
HJL32-017LI	563 mm	24V DC	4.0 W	3000K	200 lm	>90	20	110°
110102-01711	763 mm	24V DC	7.3 W	3000K	365 lm	>90	20	110





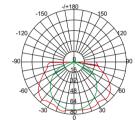
LINEAR LIGHT THALIA



Feature V

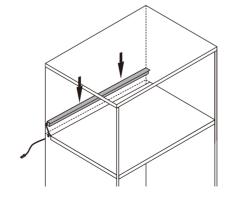
- Applied to light up the back cabinet.
- Double-layer lampshades (light diffusion + transparency cover), looks beautiful, no glare and no light dot.
- Cuttable in any length fit for various need.
- Plug&play for simple assembly.
- Removable and replacable.

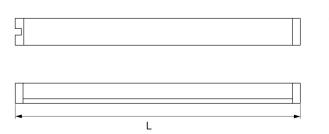
Luminous Intensity ✓



Specifications <a> \begin{array}{c} \begin{array} \begin{array}{c} \begin{array}{c} \begin{array}{c} \begin{

Item	Length	Rated Input	Power	CCT	Lumen	RA	IP	Beam angle
HJL26-006L	463 mm	24V DC	4.4 W	3000K	260 lm	>90	20	140°
	763 mm	2.1.20	7.5 W		440 lm			

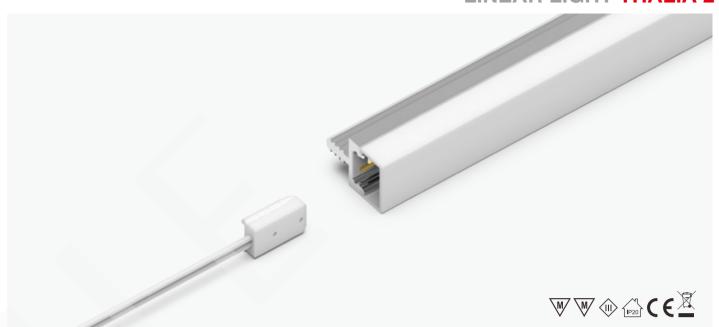








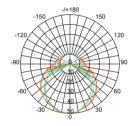
LINEAR LIGHT THALIA 2



Feature V

- Applied to light up the back cabinet.
- Applied to wooden back board lit up.
- Edge-lit for smooth illumination.
- Cuttable in any length.
- Quick connection from input cable.

Luminous Intensity ✓



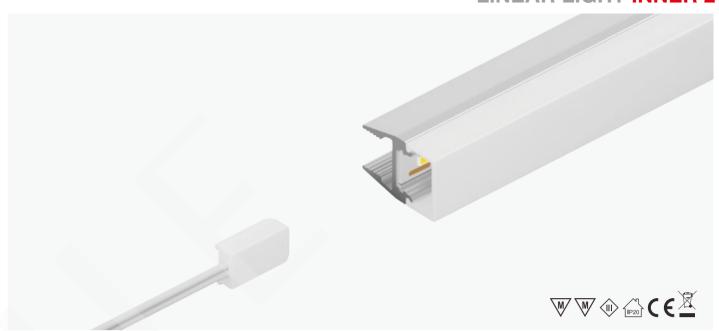
Specifications <a> \begin{array}{c} \begin{array} \begin{array}{c} \begin{array}{c} \begin{array}{c} \begin{

Item	Length	Rated Input	Power	CCT	Lumen	RA	IP	Beam angle
HJL26-006L-02	Max.3000mm	24V DC	10 W/m	3000K	80 lm/m	>90	20	130°





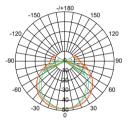
LINEAR LIGHT INNER 2



Feature V

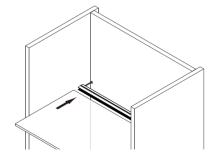
- Applied to glass back board lit up.
- Edge-lit for smooth illumination.
- Cut-free & smooth continuous lighting.
- Quick connection from input cable.

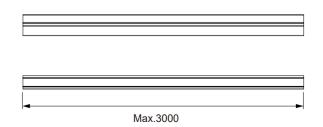
Luminous Intensity ✓



Specifications <a> \begin{array}{c} \begin{array} \begin{array}{c} \begin{array}{c} \begin{array}{c} \begin{

Item	Length	Rated Input	Power	CCT	Lumen	RA	IP	Beam angle
HJL22-008L-02	Max.3000mm	24V DC	10 W/m	3000K	80 lm/m	>90	20	130°









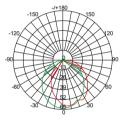
LINEAR LIGHT MEROPE



Feature

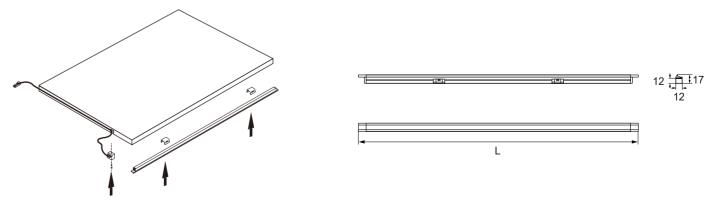
- Light with separate wire for easy installation.
- Super slim connection for elegant profile.
- Glare-free light for 45 degree diffuser.
- Cut-free & smooth continuous lighting.

Luminous Intensity <a>



Specifications <a> \begin{array}{c} \begin{array} \begin{array}{c} \begin{array}{c} \begin{array}{c} \begin{

Item	Length	Rated Input	Power	CCT	Lumen	RA	IP	Beam angle
HJL82-010L	300 mm	24V DC	2.6 W	3000K	80 lm	>90	20	100°
HJL02-010L	663 mm	24V DC	5.7 W	3000K	170 lm	>90	20	100





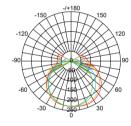
LINEAR LIGHT BIO



Feature V

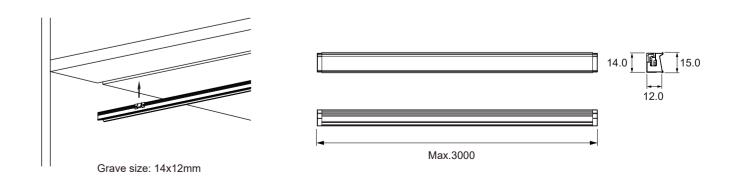
- Cut-free and smooth continuous lighting.
- Recessed mounting integrate into funiture.
- Fast connection by quick connector.
- Anti-glare design.

Luminous Intensity ✓



Specifications <a>

Item	Length	Rated Input	Power	ССТ	Efficiency	RA	IP	Beam angle
HJL82-033L	Max.3000mm	24V DC	10 W/m	3000K	80 lm/W	>90	20	130°





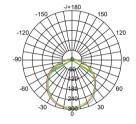
LINEAR LIGHT MINI BIO



Feature V

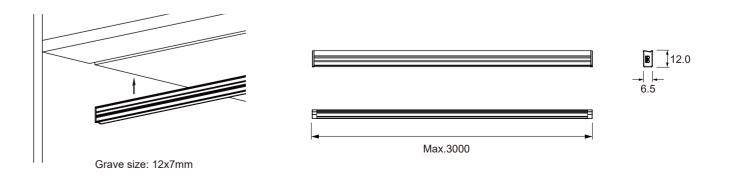
- Cut freely. Fit for diversified demands.
- Super Isim design integrate into furniture.
- Individual power connector. Fast and stable connection.
- Structure polarized design.Anti-glare.

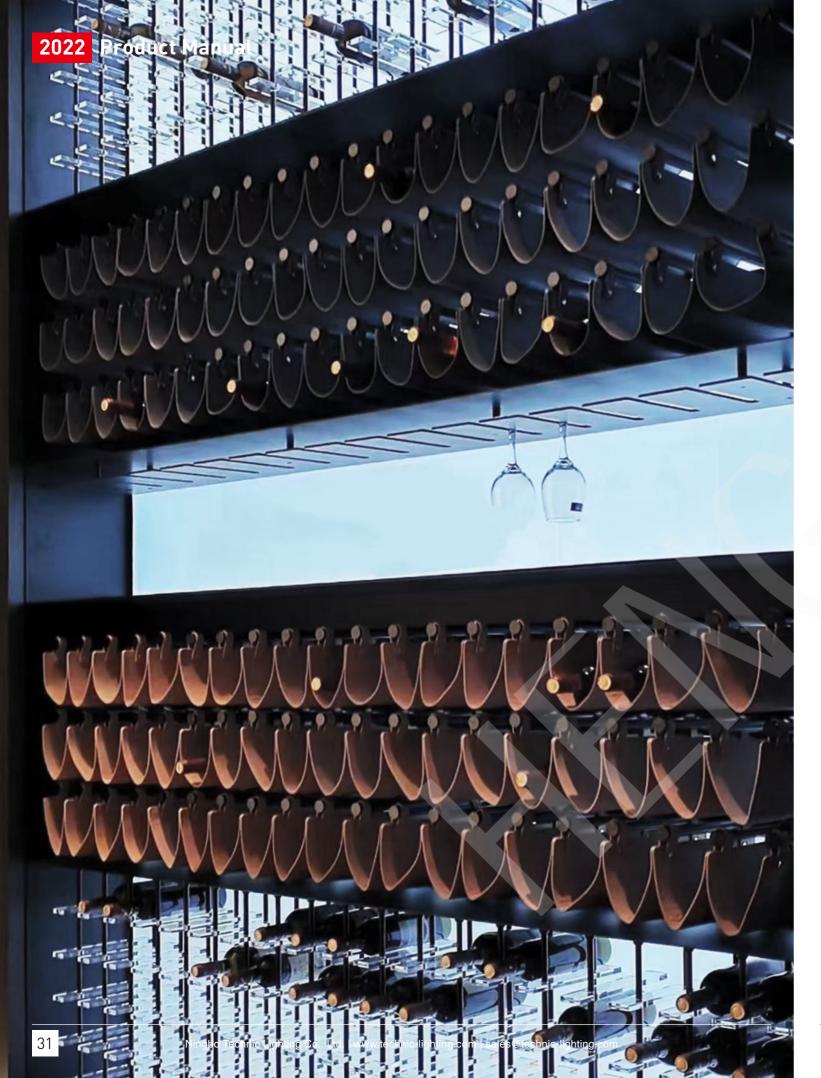
Luminous Intensity ✓



Specifications <a> \begin{array}{c} \begin{array} \begin{array}{c} \begin{array}{c} \begin{array}{c} \begin{

Item	Length	Rated Input	Power	CCT	Lumen	RA	IP	Beam angle
HJL82-033L-01	Max.3000mm	24V DC	10 W/m	3000K	220 lm/m	>90	20	120°





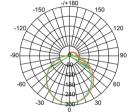
PANEL LIGHTS GALAXY



Feature V

- 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

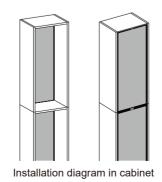
90

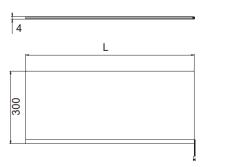


Luminous Intensity ✓

Specifications <a>

Item	Length	Rated Input	Power	ССТ	Efficiency	RA	IP	Beam angle
HJL03-026	300 mm	12V DC	2.5 W	4000K	110 lm/W	>90	20	120°
	600 mm	127 50	5.0 W	100011	110 1111/11	200	20	120





CONNECTING SERIES

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

V



JST-2510 6-way-distributor

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

HJW12-0318W

V



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

 $\overline{}$

 $\overline{\mathbf{V}}$ HJW01-6022B



8mm solderless connectoer

- Applicate to tape-wire connection,no soldering need
- Strain relief lock appliance
- Keep width fit for extrusion profile
- 2x0.34mm2 cable, optional colour: blk/blk-red ,white/white-blk,transparent
- Max.24V, 3A

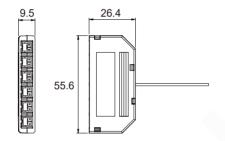
HJW06-10419B

lacksquare



6-way distribution for ex-power

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



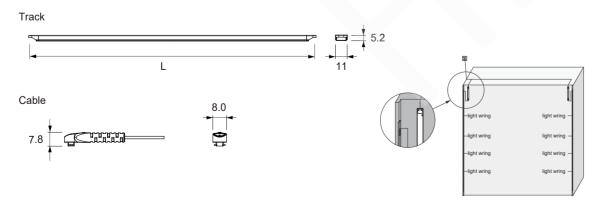
HJW01-8218B / HJW01-8222B



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 cabel: 2x22AWG cable(Max.24V,3A)

Installation & Dimensions: (mm) ✓



HJW01-7022B



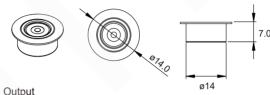


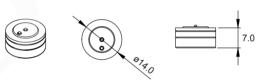


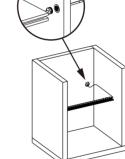
- Adaptor connection
- Max.3A(24V)

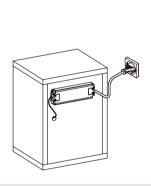
Installation & Dimensions: (mm) ✓











HJW01-9022B

Shelf connecting system

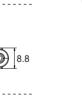
- Slim power track system
- Recessed mounting into cabinet
- Non visible area for cable through
- Optional color fit for cabinet
- Shelf movable for electrical power
- Max.3A(24V)

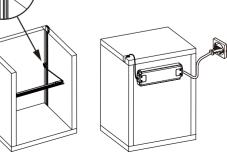
Installation & Dimensions: (mm) ✓













Output

