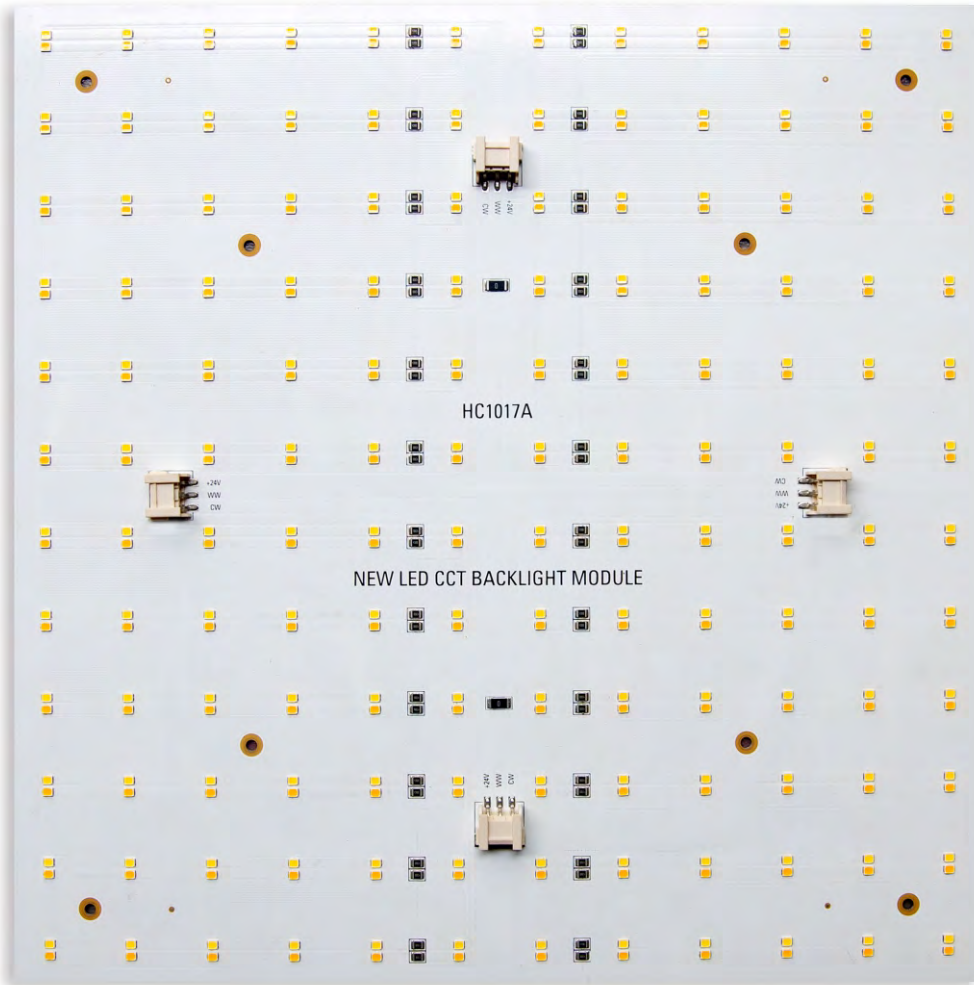


RIGID MATRIX



- 288 LEDs/m
- IP 20
- 10.08 W/m
- 12.7mm PCB
- 24V DC
- 120 lm/W
- >90 CRI
- <3 SDCM
- LM-80 Test

Tunable White



Features:

- This is to be made with 1.2mm thickness of rigid FPCB and brand SMD 2835 pure gold wiring from Epistar
- Available in single color and tunable white 2700-6500K
- High CRI >90, LM-80 LED light source lumen maintenance test
- Low energy consumption, low working temperature
- Splicing seamless with SMT connector, plug and play
- Can be customizable for size or color
- Backlit lighting suitable for ceiling/wall UV soft film lightbox, and shelf/glass display
- 3 Year warranty, CE, RoHs and UL listing

1800K/2200K/2700K
3000K/4000K/6000K

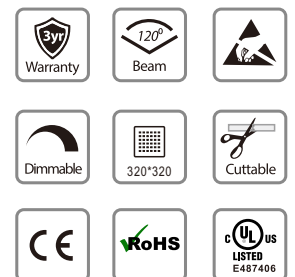


CCT adjustable
1800K-6500K



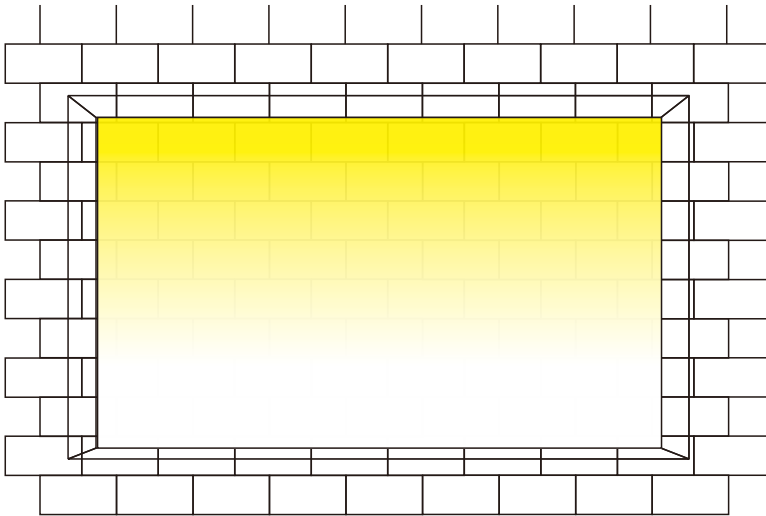
Application:

- Featured wall
- Large-format graphic light boxes
- Stretch ceiling
- Storefront or backlighting or display

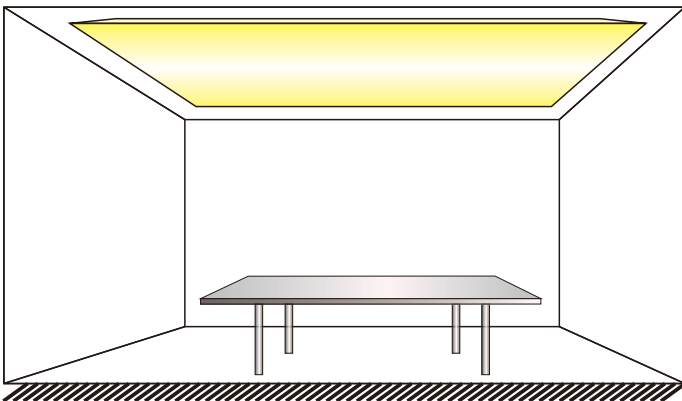




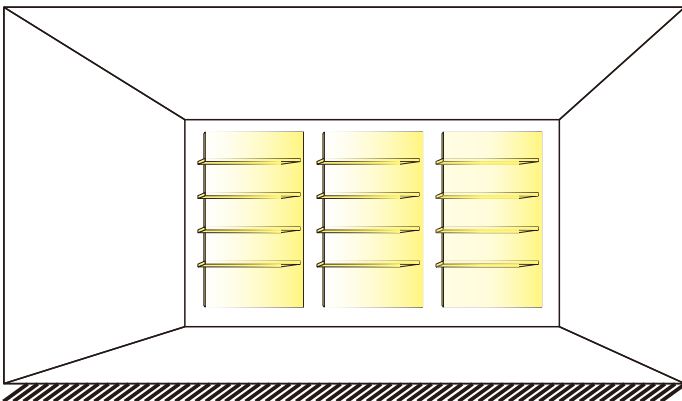
Application for featured wall:



Application for stretch ceiling:



Application for storefront backlighting:





Installation:

- Directly installation on the surface of the object by insulated screw
- Compatible with aluminum/wood/metal/iron etc...surface

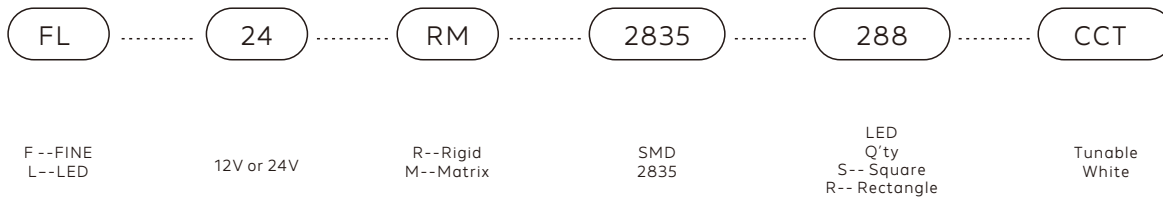
Electrical & Optical Data:

Model No.	Color Temperature (Kelvin)	Beam Angle (°)	Voltage (V dc)	Power (W /m)	LED Q'ty (Pcs/m)	White Lumen/m	PCB Thickness (mm)	Size (mm)	CRI (RA)	Cutttable LEDs	IP Rating
FL-24RM2835-288-CCT	2600-6500K	120°	24V	10.08W	144*2	120lm Per watt	1.6mm	320*320	90+/95+	NO	IP20
FL-24RM2835-144-CCT	2600-6500K	120°	24V	5.04W	72*2	120lm Per watt	1.6mm	320*160	90+/95+	NO	IP20
FL-24RM2835-72S-CCT	2600-6500K	120°	24V	2.52W	36*2	120lm Per watt	1.6mm	160*160	90+/95+	NO	IP20
FL-24RM2835-72R-CCT	2600-6500K	120°	24V	2.52W	36*2	120lm Per watt	1.6mm	320*80	90+/95+	NO	IP20
FL-24RM2835-36-CCT	2600-6500K	120°	24V	1.26W	18*2	120lm Per watt	1.6mm	160*80	90+/95+	NO	IP20

Note:

- 1) The above measurements are based on IP20 which may have a 10% tolerance.
- 2) IP65/67/68 will may rises the color temperature 100k~100K.
- 3) Working temperature is -25~+50°C, storage temperature is -25~+60°C

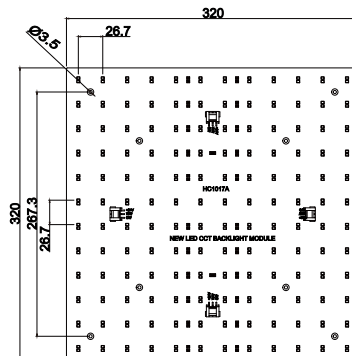
Order Code:



Dimension:

FL-24RM2835-288-CCT

Tunable White

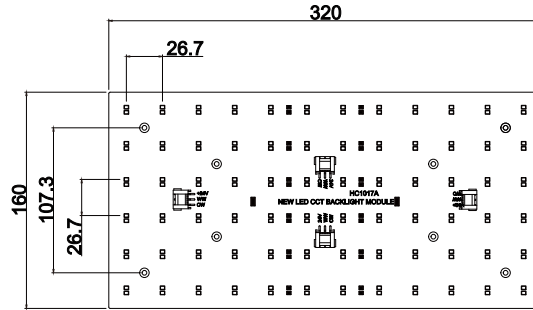




Dimension:

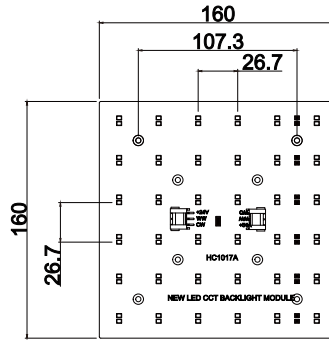
FL-24RM2835-144-CCT

Tunable White



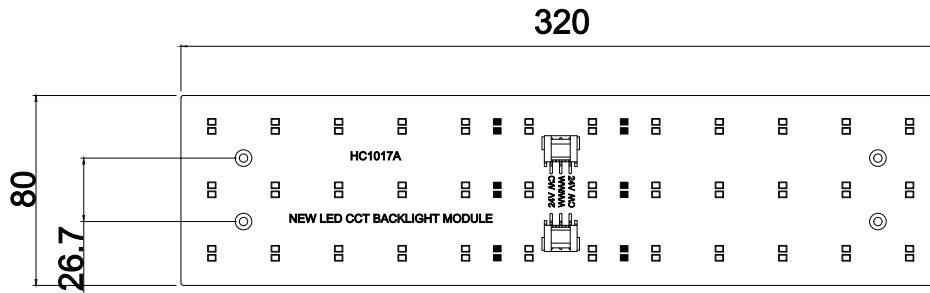
FL-24RM2835-72S-CCT

Tunable White



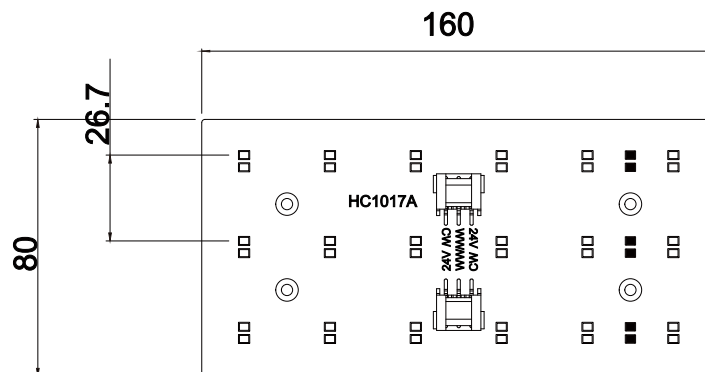
FL-24RM2835-72R-CCT

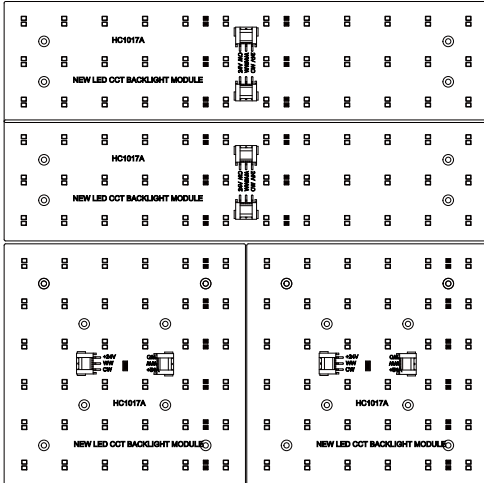
Tunable White



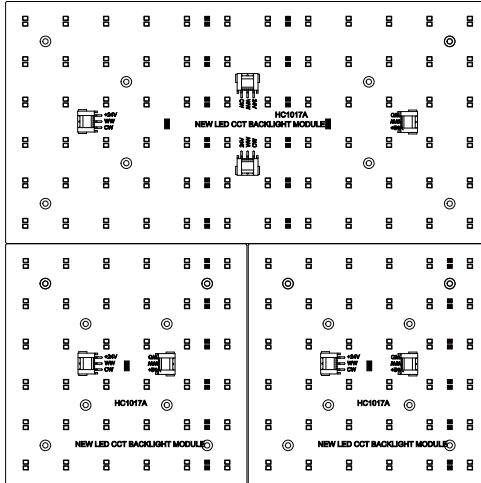
FL-24RM2835-36-CCT

Tunable White

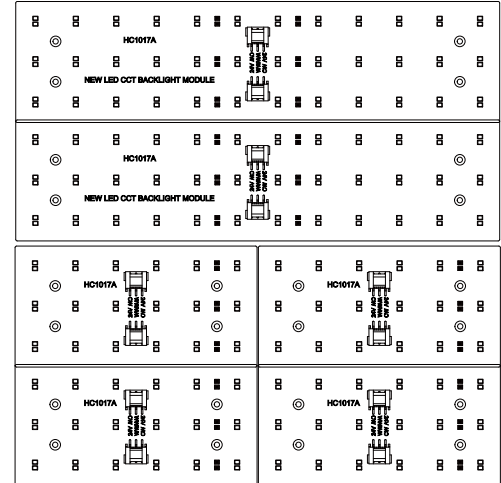




2 x 320*160mm
2 x 160*160mm

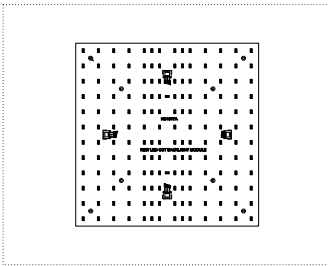


1 x 320*160mm
2 x 160*160mm

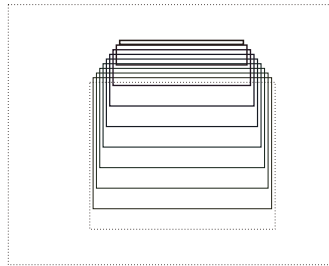


2 x 320*160mm
4 x 160*80mm

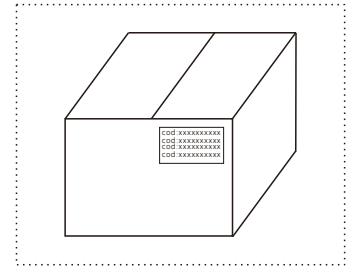
Packing:



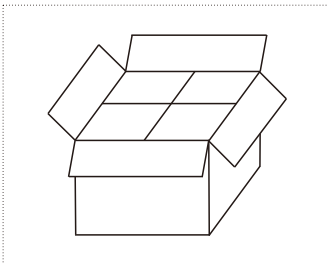
Label the reel



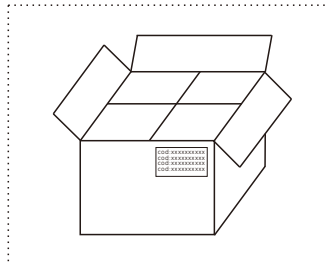
Put reel into anti-static bag and seal, label the bag



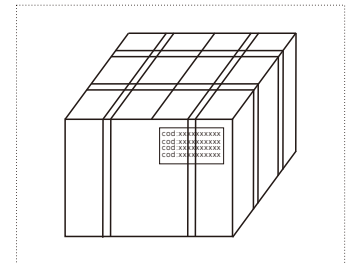
Put the total reels into inner box, and label the inner box



Combine inner box to outer box, strengthen the protection



Label the carton



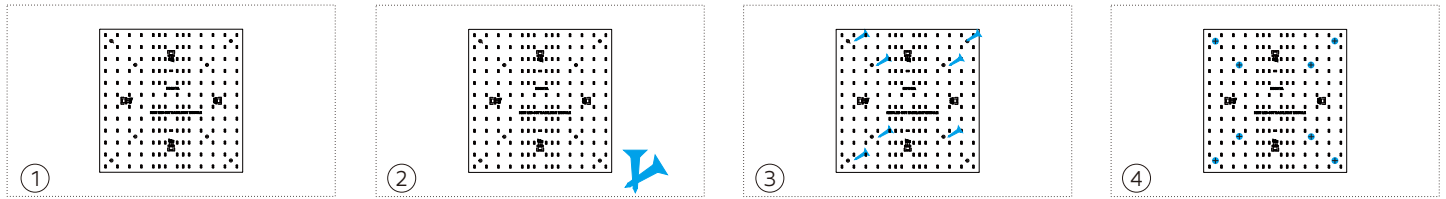
Use packing belt to pack finally

Packing information:

Model No.	Carton Size (mm)	Pcs/Film	Pcs/Carton	Net Weight (kg)	Gross Weight (kg)
FL-24RM2835-288-CCT	550*400*220	10	30	11.2	10.2
FL-24RM2835-144-CCT	550*400*220	10	60	13.2	12.2
FL-24RM2835-72S/R-CCT	550*400*220	10	90	15	14
FL-24RM2835-36-CCT	550*400*220	10	120	16.3	15.3



Installation Method:



- 1) Take out from the package and make the testing before the installation to ensure working
- 2) Prepare some screws
- 3) Insert screw to the holes of flexible backlit panel light
- 4) Tighten every screw

Attention & Tips:

- Installation of LED strip needs to be made with all applicable electrical and safety standards, only qualified personnel should be allowed to perform installations.
- Correct electrical polarity needs to be observed, wrong polarity maybe damage the LED strip, else the light will not be ON.
- Load voltage, current, power and power supply should be matched with the LED strip .
- Make sure the power supply is of adapters to operate the total load.
- Make sure the working length do not exceed the max run length (3-5m Max as normal).
- Make sure the environments temperature is compatible with our term and have insulation, waterproof and anti-corrosive protection capacity, else as a defect claim.
- Parallel connection is high recommended without voltage drop, which is safe electrical operation mode.
- Serial connection is not recommended, unbalanced voltage drop can causes hazardous overload or damage the LED strip.
- The length of the power cable between power supply and LED strip should not exceed 2 meters, otherwise a large circuit wastage can causes inconsistent brightness.

Warranty Policy:

- Only FINELED manufactured products may be guaranteed, otherwise, it certainly goes against the warranty policy.
- The Purchaser is liable to immediately inspect the goods in 10 days for possible any missing accessories or any mechanical damage of the goods, and reported to Seller for solving in time. it will not be liable after 10 days (claims) which apply for any defects in the goods that could have been detected by the Purchaser in the first inspection.
- Warranty will begin by the date of the original purchase either FINELED Proforma invoice, based on Eight working hours one day and have insulation, waterproof and anti-corrosive protection capacity, other will not honored as a material defect claim.
- Warranty does not apply to lose or damage to the Product caused by negligence; abuse; misuse; mishandling; improper installation, storage, maintenance or operation environments such as temperature, humidity, acidity, alkalinity or soaking.
- Warranty will only cover FINELED products, is not responsible for compensating time, material, installation with LED one original or replacement product, or the original shipping or freight fees.
- FINELED reserves the right to close the corresponding RMA case. All defective items will be subject to repairs or refurbishment first.
- The limited warranty 3 years for all of LED strips, 2 years warranty for the accessory, exceed the limited date or time is not acceptable.

Recycling:

- LED lighting products cab be recyclable, please think the environment and resource that make the recycling.

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