



# PROFESSIONAL LED LIGHTING SOLUTION



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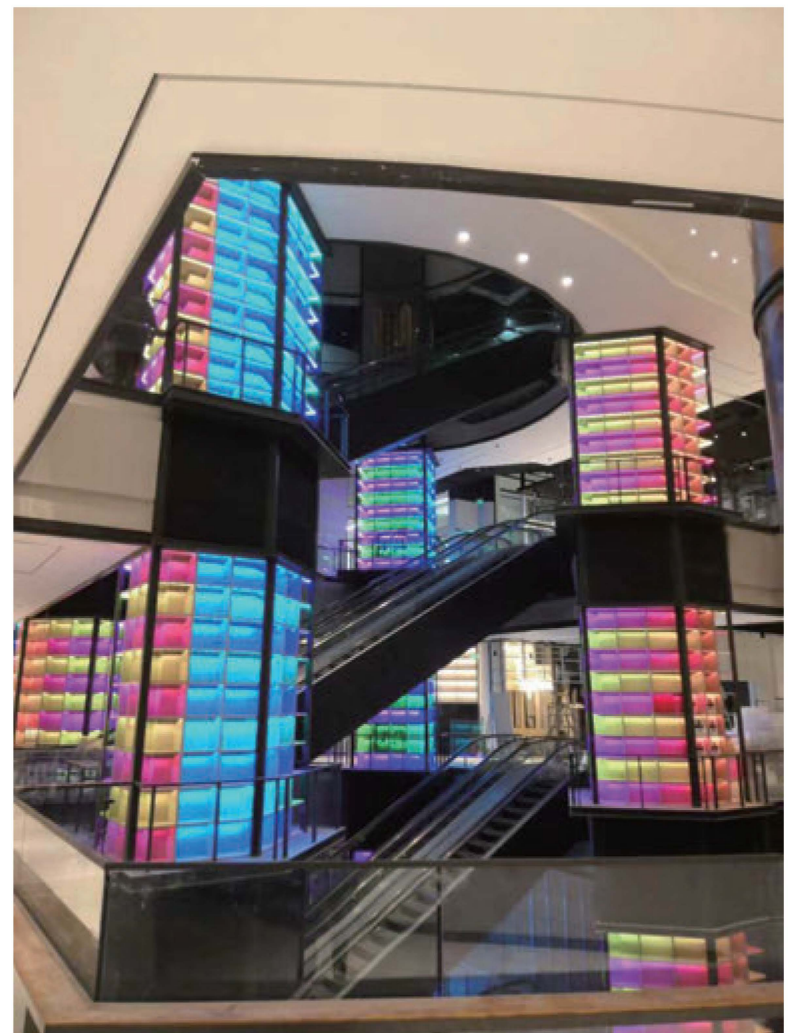
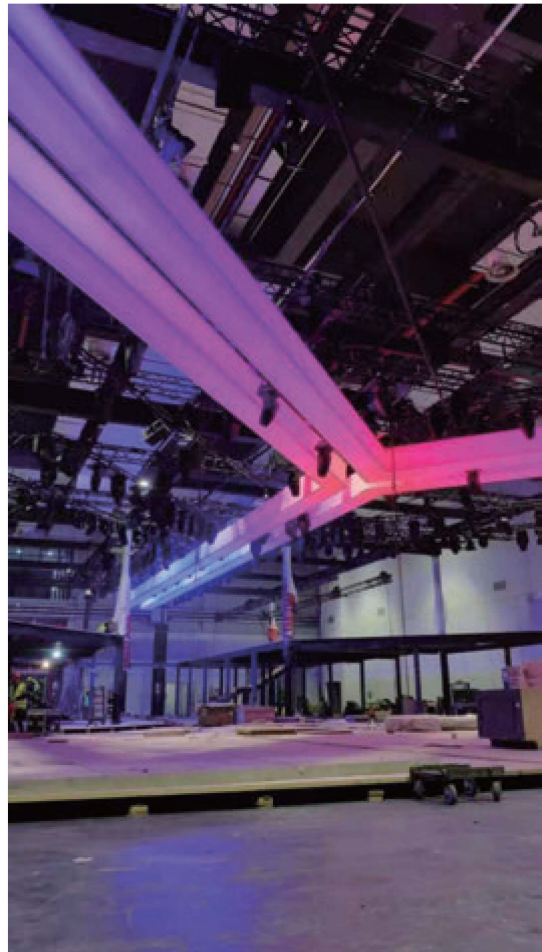




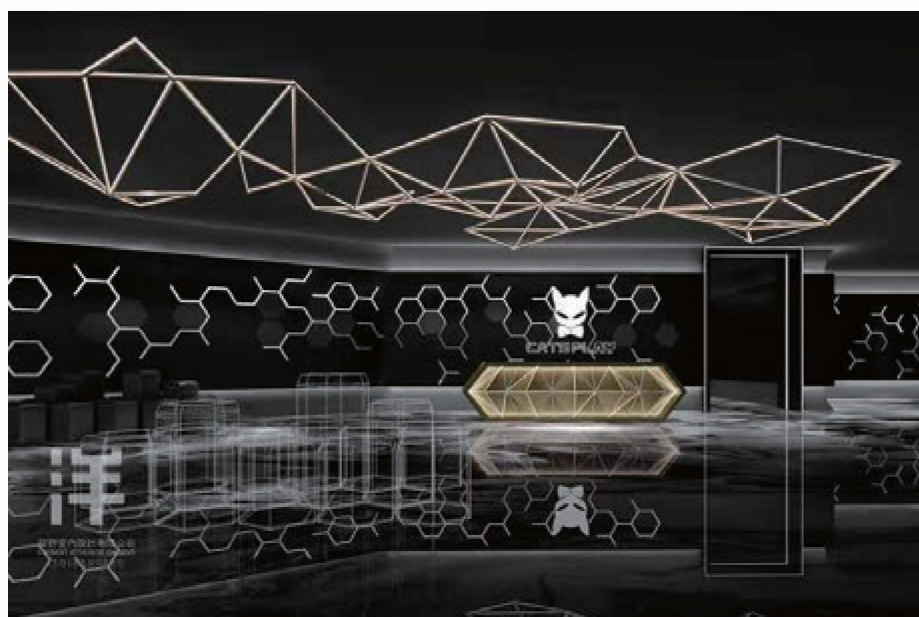
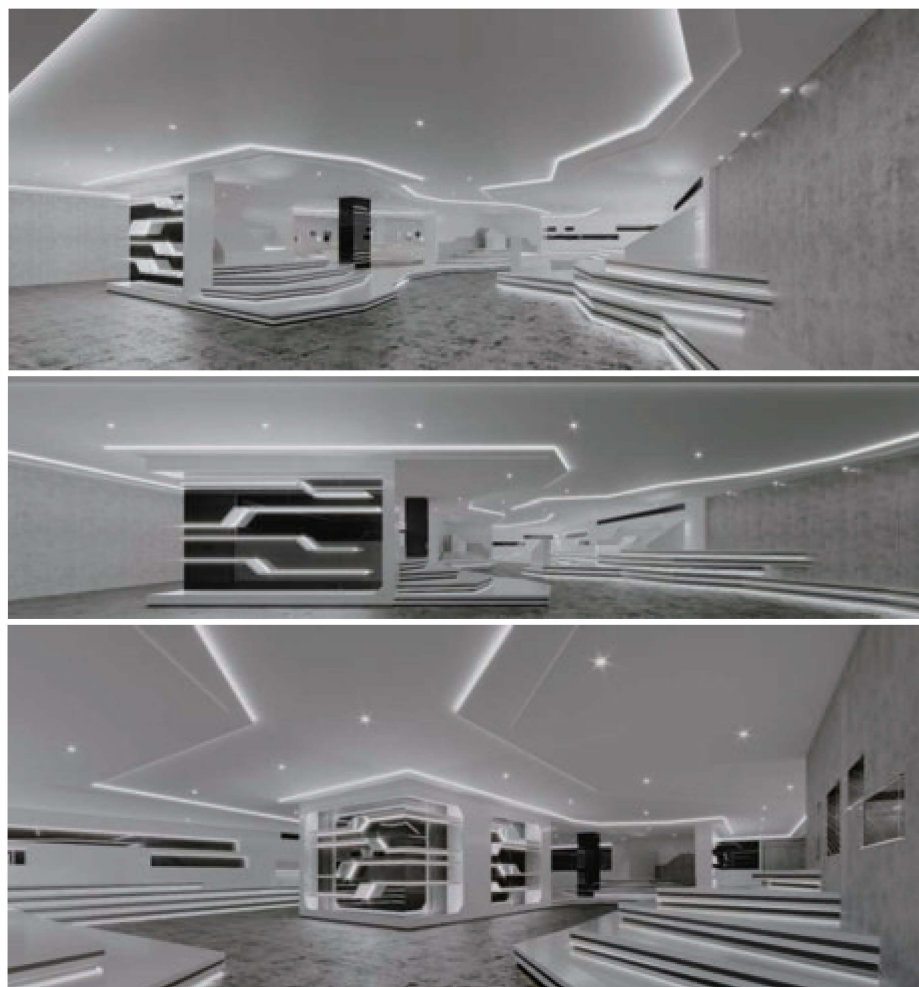










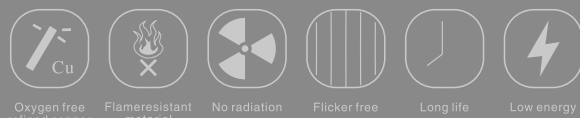




# Single color LED strip Series

## Product Features

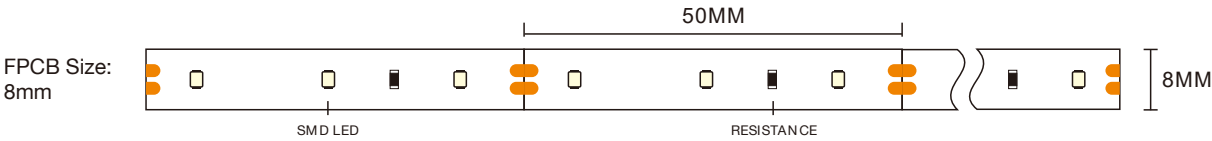
The actual power consumption of all products in this series is no more than 12W/m (lower power consumption can be customized). It is the most widely used product series currently, which has strict requirements for the consistency of the lamp beads of each batch. Color tolerance adjustment of all lamp beads is less than 3 (measured about 1.5), the Ra is greater than 90 (measured 93-95), the R9 value is greater than 55, and the supplier's lamp beads are required to pass the LM-80 report and low blue light damage report. The copper thickness of the FPCB circuit board is 2 ounces, and it can reach the highest flame retardant grade of V-0.







TC-B1S-DC12V-2835-60P  
(FPCB:8mm)



**Key features:**

Adopt high color rendering SMD2835 led, 60pcs per meter, soft light color and low power consumption. DC12V working voltage, suitable for most weak current systems and a wide range of applications. Excellent circuit board voltage drop, excellent optical attenuation performance and long chip life.

Protection process:

**I P65**  
High permeability silicone sheath

**I P65**  
Hollow silicone extrusion

**I P67**  
Solid silicone extrusion

Power available: 7W/5W/3W

**Specifications**



Product No.	Working voltage	Power	LED type	LED Q' ty/m	Luminous flux	Luminous efficiency	Color tolerance adjustment	Ra/CRI
B1S20812283560	DC12V	7W/m	SMD2835	60PCS/m	769 - 939LM/m	109- 133LM/W	C< 3	90+

Remarks: The optical parameters of the above products are based on the rated power, and the average range value is obtained by multiple multi-directional measurements. When it is less than the rated power, the luminous efficiency and luminous flux parameters are different.

**Application**

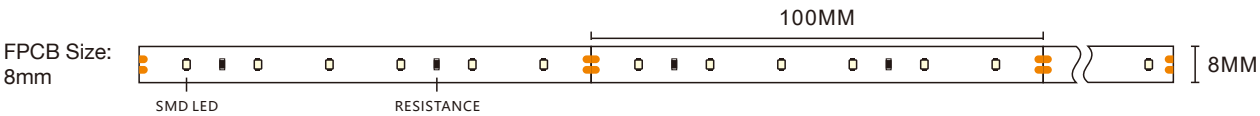
It is suitable for atmosphere decoration that requires low power consumption and low brightness requirements, such as: hotel rooms, villas, cafes and other places. It can also be used as a light source for some weak current equipment with a working voltage of DC12V, such as solar batteries and some automation equipment, as well as entertainment and leisure equipment, children's playgrounds and other places.





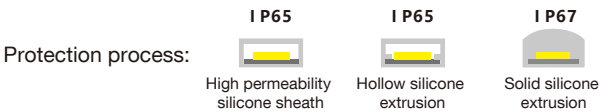


TC-B1S-DC24V-2835-60P  
(FPCB:8mm)



Key features:

Adopt high color rendering SMD2835 led, 60pcs per meter, soft light color and low power consumption. DC24V working voltage. Ultra-low temperature and low power consumption products can be customized for scenarios with stricter power consumption and temperature requirements. Excellent circuit board voltage drop, excellent optical attenuation performance and long chip life.



Power available: 7W/5W/3W

Specifications



Product No.	Working voltage	Power	LED type	LED Q' ty/m	Luminous flux	Luminous efficiency	Color tolerance adjustment	Ra/CRI
B1S20824283560	DC24V	7W/m	SMD2835	60PCS/m	753~929LM/m	107~132LM/W	C<3	90+

Remarks: The optical parameters of the above products are based on the rated power, and the average range value is obtained by multiple multi-directional measurements. When it is less than the rated power, the luminous efficiency and luminous flux parameters are different.

Application

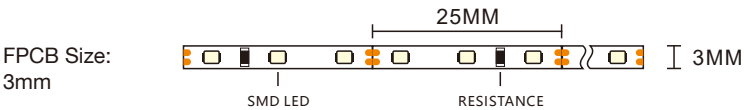
It is suitable for atmosphere decoration that requires low power consumption and low brightness requirements, such as: hotel rooms, villas, coffee shops, Internet cafes and high-end clubs etc.





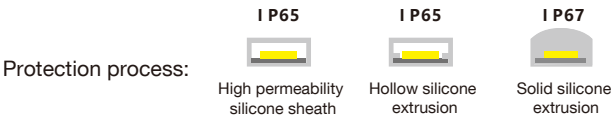


TC-B1S-DC24V-2835-120P  
(FPCB:3mm)



**Key features:**

Adopt high color rendering SMD2835 led, the light source arrangement density and the brightness is moderate, the light distribution is uniform and soft, the extremely narrow circuit board and the appropriate number and distance of the light source make it have good bending performance and a wide range of applications.



Power available: 9.5W/7W/5W/3W  
Voltage available: DC12V/DC24V

**Specifications**

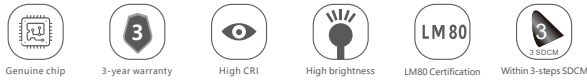


Product No.	Working voltage	Power	LED type	LED Q' ty/m	Luminous flux	Luminous efficiency	Color tolerance adjustment	Ra/CRI
B1S203242835120	DC24V	9.5W/m	SMD2835	120PCS/m	875~1063LM/m	92~112LM/W	C < 3	90+

Remarks: The optical parameters of the above products are based on the rated power, and the average range value is obtained by multiple multi-directional measurements. When it is less than the rated power, the luminous efficiency and luminous flux parameters are different.

**Application**

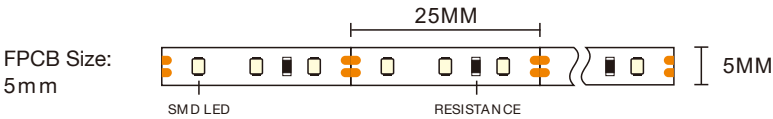
It is suitable for some narrow space or extremely small and exquisite profiles, linear light sources in silicone bars or light sources in some special-shaped structures that need to be bent and fixed in scenes., such as: three-dimensional luminous characters, LOGO, line light decorative strips.



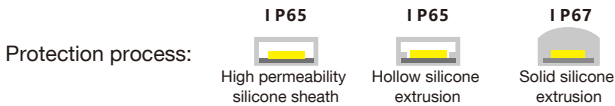




TC-B1S-DC12V-2835-120P  
(FPCB:5mm)



**Key features:**  
Adopt high color rendering SMD2835 led. The light source arrangement density and the brightness is moderate, the light distribution is uniform and soft. The circuit board is only 5mm wide, and there is a cutting unit for every 3 light sources. The cutting size is relatively small, it can be used as the light source in most linear profiles, silicone and dark groove decorative lights. It is currently the most widely used one.



Power available: 10.5W/9W/7W/5W/3W

### Specifications



Product No.	Working voltage	Power	LED type	LED Q' ty/m	Luminous flux	Luminous efficiency	Color tolerance adjustment	Ra/CRI
B1S205122835120	DC12V	10.5W/m	SMD2835	120PCS/m	1085 ~1233LM/m	103 ~117LM/W	C< 3	90+

Remarks: The optical parameters of the above products are based on the rated power, and the average range value is obtained by multiple multi-directional measurements. When it is less than the rated power, the luminous efficiency and luminous flux parameters are different.

### Application

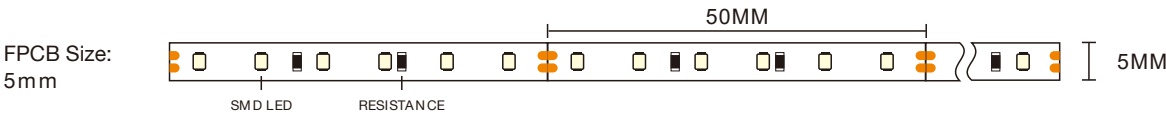
It is suitable for linear light sources in some space limited or small-size profiles, silicone bars and trunking, such as: wardrobe, bookcase, jewelry counter and other display cabinet lighting purposes.



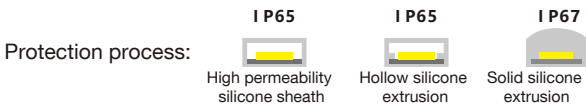




TC-B1S-DC24V-2835-120P  
(FPCB:5mm)



**Key features:**  
Adopt high color rendering SMD2835 led. The light source are arranged density and the brightness is moderate, the light distribution is uniform and soft. The circuit board is only 5mm wide.It can be used as the light source in most linear profiles, silicone and dark groove decorative lights. It is currently the most widely used one.



Power available: 10.5W/9W/7W/5W/3W

## Specifications



Product No.	Working voltage	Power	LED type	LED Q' ty/m	Luminous flux	Luminous efficiency	Color tolerance adjustment	Ra/CRI
B1S205242835120	DC24V	10.5W/m	SMD2835	120PCS/m	1061~1217LM/m	101~116LM/W	C<3	90+

Remarks: The optical parameters of the above products are based on the rated power, and the average range value is obtained by multiple multi-directional measurements. When it is less than the rated power, the luminous efficiency and luminous flux parameters are different.

## Application

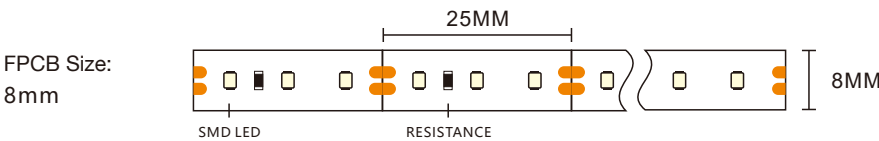
It is suitable for linear light sources in some space limited or small-size profiles, silicone bars and trunking, such as: wardrobe, bookcase, jewelry counter and other display cabinet lighting purposes.







TC-B1S-DC12V-2835-120P  
(FPCB:8mm)



**Key features:**

Adopt high color rendering SMD2835 led. The light source arrangement density and the brightness is moderate, the light distribution is uniform and soft. The circuit board is only 8mm wide, and there is a cutting unit for every 3 light sources. The cutting size is relatively small, and it can be used as the light source in most linear profiles, silicone and dark groove decorative lights. Excellent circuit board voltage drop, excellent optical attenuation performance, and long life of the chip. It is currently the most widely used one.

Protection process:



Power available: 12W/9W/7W/5W/3W

**Specifications**



Product No.	Working voltage	Power	LED type	LED Q' ty/m	Luminous flux	Luminous efficiency	Color tolerance adjustment	Ra/CRI
B1S208122835120	DC12V	12W/m	SMD2835	120PCS/m	1263~1522LM/m	105~127LM/W	C<3	90+

Remarks: The optical parameters of the above products are based on the rated power, and the average range value is obtained by multiple multi-directional measurements. When it is less than the rated power, the luminous efficiency and luminous flux parameters are different.

**Application**

Auxiliary lighting for high-end office buildings, shopping malls, hotels, banquet halls and other places. Functional lighting for showcases such as wardrobes, bookcases, jewelry counters, etc.



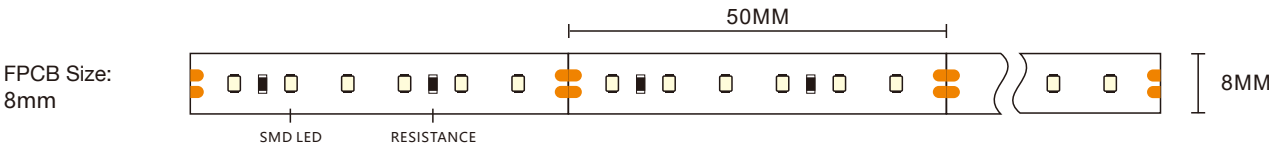








TC-B1S-DC24V-2835-120P  
(FPCB:8mm)



**Key features:**  
Adopt high color rendering SMD2835 led. The light source are arranged density and the brightness is moderate, the light distribution is uniform and soft. The circuit board is only 8mm wide. DC24V working voltage, excellent circuit board voltage drop, excellent optical attenuation performance and long service life of the chip. It can be used as the light source in most linear profiles, silicone and dark groove decorative lights. It is currently the most widely used one.

Protection process:

**IP65**

High permeability silicone sheath

**IP65**

Hollow silicone extrusion

**IP67**

Solid silicone extrusion

Power available: 12W/9W/7W/5W/3W

Specifications



Product No.	Working voltage	Power	LED type	LED Q' ty/m	Luminous flux	Luminous efficiency	Color tolerance adjustment	Ra/CRI
B1S208242835120	DC24V	12W/m	SMD2835	120PCS/m	1198~1386LM/m	100~116LM/W	C<3	90+

Remarks: The optical parameters of the above products are based on the rated power, and the average range value is obtained by multiple multi-directional measurements. When it is less than the rated power, the luminous efficiency and luminous flux parameters are different.

Application

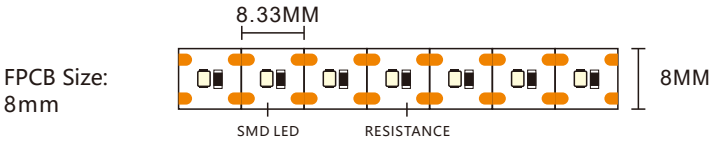
Auxiliary lighting for senior office buildings, shopping malls, hotels, banquet halls and other places, and light sources in customized profile lamps, office lamps and other lighting equipment.



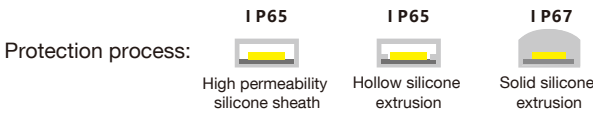




TC-B1S-DC24V-2835-120P-J  
(FPCB:8mm)



**Key features:**  
Adopt high color rendering SMD2835 led. The light source are arranged density and the brightness is moderate, the light distribution is uniform and soft. Each light source has a cutting unit, and the cutting size is precise.



Power available: DC24V/DC12V/DC5V

## Specifications

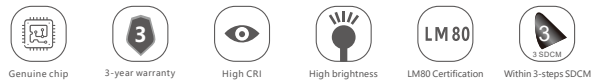


Product No.	Working voltage	Power	LED type	LED Q' ty/m	Luminous flux	Luminous efficiency	Color tolerance adjustment	Ra/CRI
B1S208242835120J	DC24V	10W/m	SMD2835	120PCS/m	1293~1378LM/m	113~121LM/W	C<5	80+

Remarks: The optical parameters of the above products are based on the rated power, and the average range value is obtained by multiple multi-directional measurements. When it is less than the rated power, the luminous efficiency and luminous flux parameters are different.

## Application

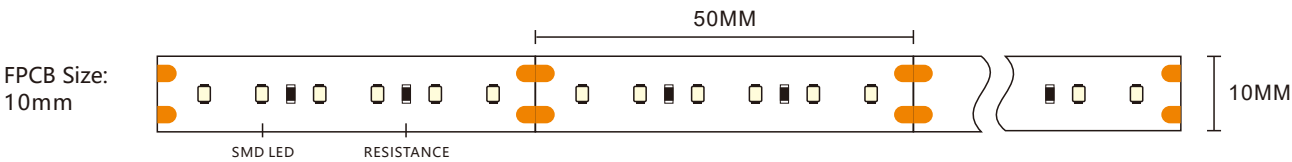
It is applied to some scenes with limited space and strict size requirements, such as exquisite furniture, precise equipment etc.



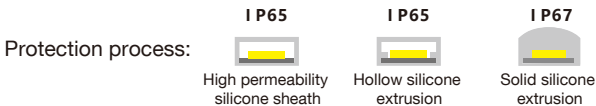




TC-B1S-DC24V-2835-120P  
(FPCB:10mm)



**Key features:**  
Adopt high color rendering SMD2835 led. The light source are arranged density and the brightness is moderate, the light distribution is uniform and soft. 10mm wide and 35 + 70um copper thick circuit board and the working voltage of DC24V make it has quite excellent circuit board voltage drop. The voltage drop of 20m for single end power supply can be controlled in the range of about 2.0V, which can be used for long-distance cascade power supply.



Power available: 10.5W/9W/6W/4.5W/3W

## Specifications



Product No.	Working voltage	Power	LED type	LED Q' ty/m	Luminous flux	Luminous efficiency	Color tolerance adjustment	Ra/CRI
B1S310122835120	DC24V	10.5W/m	SMD2835	120PCS/m	1061~1217LM/m	101~116LM/W	C<3	90+

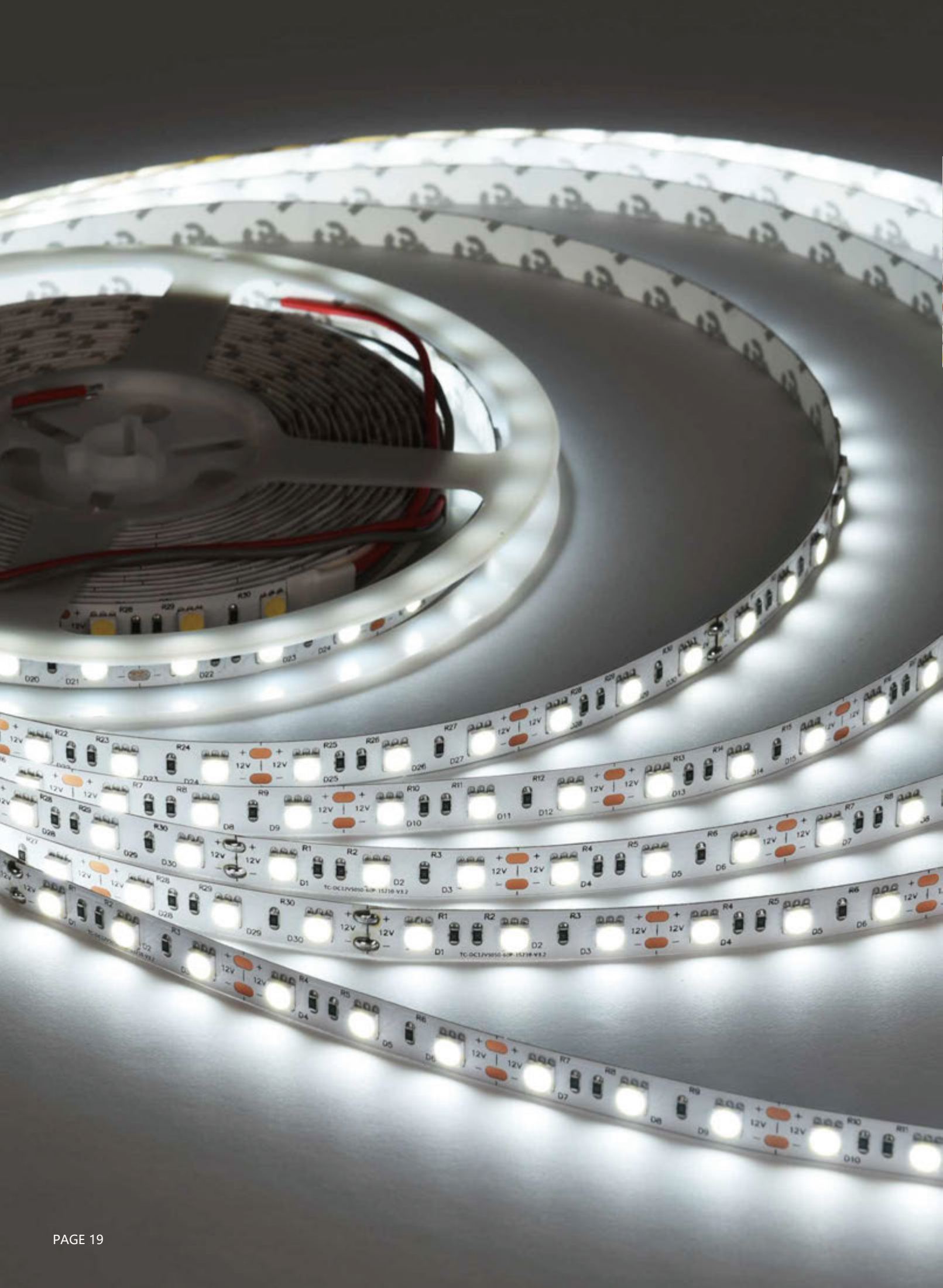
Remarks: The optical parameters of the above products are based on the rated power, and the average range value is obtained by multiple multi-directional measurements. When it is less than the rated power, the luminous efficiency and luminous flux parameters are different.

## Application

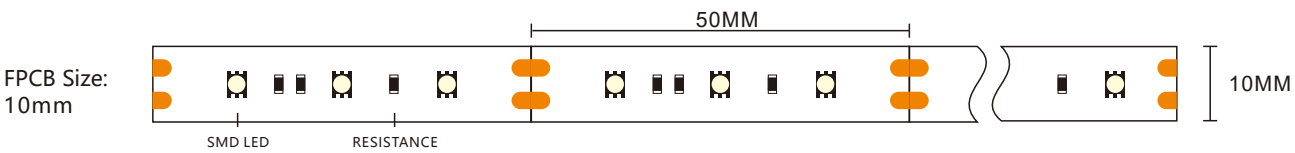
Auxiliary lighting for office buildings, shopping malls, hotels, banquet halls and other large places.



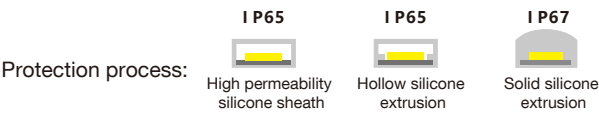




TC-B1S-DC12V-5050-60P  
(FPCB:10mm)



**Key features:**  
Adopt high color rendering and large light-emitting surface SMD5050 TRICRYSTAL led, great heat dissipation, fine and soft light. DC12V working voltage, which can be applied to most weak current systems. Stable performance with long-time working time.



Power available: 12W/9W/7W/5W/3W

## Specifications



Product No.	Working voltage	Power	LED type	LED Q' ty/m	Luminous flux	Luminous efficiency	Color tolerance adjustment	Ra/CRI
B1S21012505060	DC12V	12W/m	SMD5050	60PCS/m	996~1104LM/m	83~92LM/W	C < 3	90+

Remarks: The optical parameters of the above products are based on the rated power, and the average range value is obtained by multiple multi-directional measurements. When it is less than the rated power, the luminous efficiency and luminous flux parameters are different.

## Application

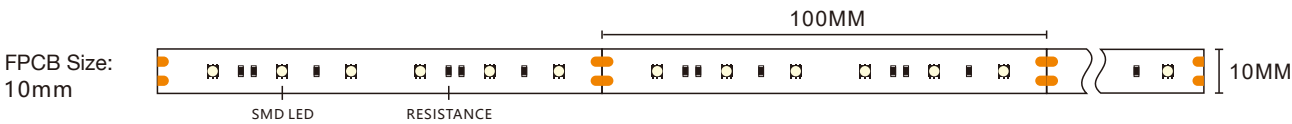
It can be used for lighting and atmosphere decoration in places which require long-time uninterrupted work or 24h business, such as public areas of hotels / office buildings, shopping malls, performing arts stages, Internet cafes etc. It can also be used as the light source of some weak current equipment with working voltage of DC12V, such as some automation equipment, entertainment and leisure equipment, children's playground and so on.



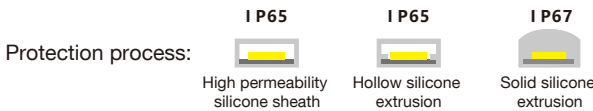




TC-B1S-DC24V-5050-60P  
(FPCB:10mm)



**Key features:**  
Adopt high color rendering and large light-emitting surface SMD5050 TRICRYSTAL led, great heat dissipation, fine and soft light. Stable performance with long working time.



Power available: 12W/9W/7W/5W/3W

## Specifications

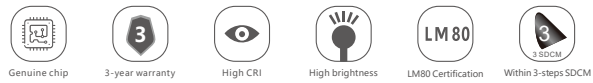


Product No.	Working voltage	Power	LED type	LED Q' ty/m	Luminous flux	Luminous efficiency	Color tolerance adjustment	Ra/CRI
B1S21024505060	DC24V	12W/m	SMD5050	60PCS/m	1032~1117LM/m	186~93LM/W	C < 3	90+

Remarks: The optical parameters of the above products are based on the rated power, and the average range value is obtained by multiple multi-directional measurements. When it is less than the rated power, the luminous efficiency and luminous flux parameters are different.

## Application

It can be used for lighting and atmosphere decoration in places which require long-time uninterrupted work or 24h business, such as public areas of hotels / office buildings, shopping malls, performing arts stages, Internet cafes etc.





# Colorful LED Strip Series

## Product Features

The color lamp beads used in this whole series of products have pure and bright colors and complete styles. The genuine driver IC chip can match all the mainstream lighting control systems on the market. It adopts thick copper FPCB circuit board and can reach the highest flame retardant grade of V-0 at the same time.



Oxygen free  
refined copper



Flame resistant  
material



No radiation



Flicker free



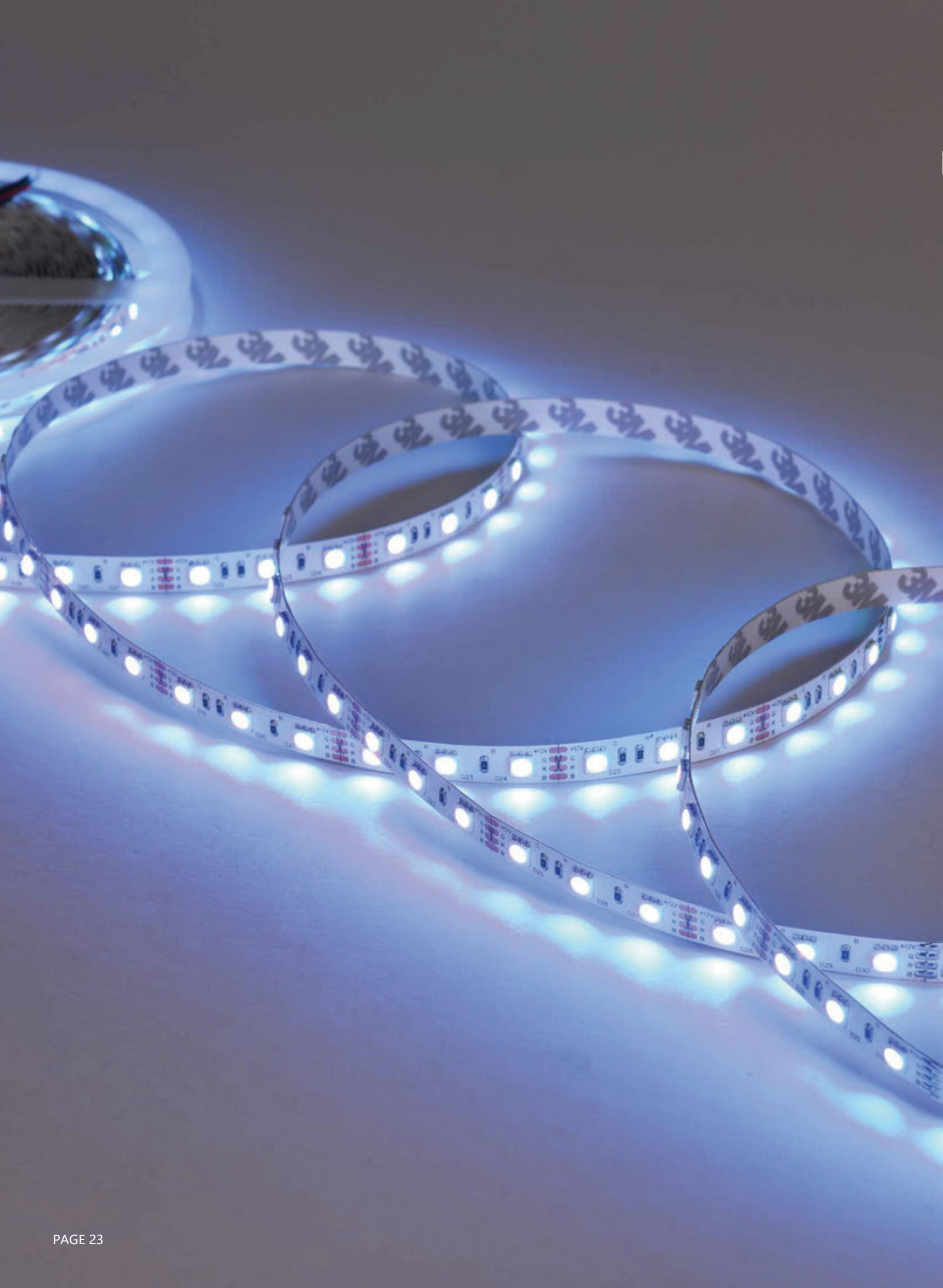
Long life



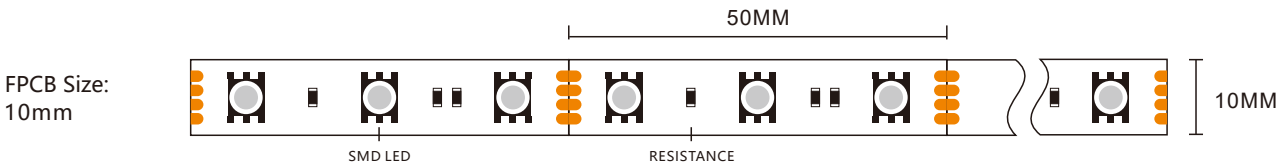
Low energy



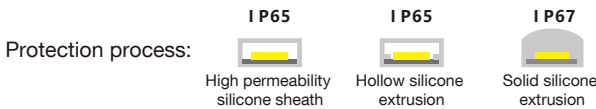




TC-H3S-DC12V-5050-60P  
(FPCB:10mm )



**Key features:**  
SMD5050 led with high brightness and large light-emitting surface, 60pcs LED color light sources per meter, the light source are arranged properly, pure light color, delicate, bright, and good light mixing effect. DC12V working voltage, suitable for most weak current systems. The size of the cutting unit is relatively small, and the performance is very stable and reliable.



## Specifications



Product No.	Working voltage	Power	LED type	LED Q' ty/m	CRI/wavelength
H3S21012505060	DC12V	14.5W/m	SMD5050	60PCS/m	R:620~625NM G:515~520NM B:450~455NM

Remarks: The optical parameters of the above products are based on the rated power, and the average range value is obtained by multiple multi-directional measurements. When it is less than the rated power, the luminous efficiency and luminous flux parameters are different.

## Application

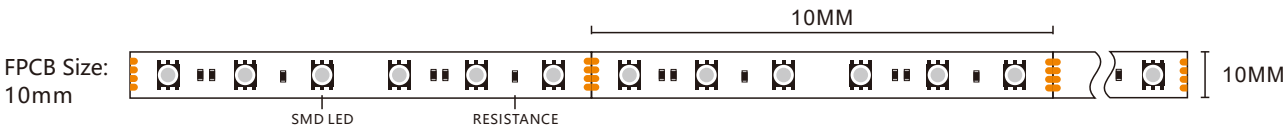
Atmosphere lights in amusement parks, shopping malls, performing arts stages, Internet cafes, bars, KTV and other places. Automatic equipment, entertainment equipment, toys and other decorative lights.







TC-H3S-DC24V-5050-60P  
(FPCB:10mm)



**Key features:**  
SMD5050 led with high brightness and large light-emitting surface, 60pcs LED color light sources per meter, the light source are arranged properly, pure light color, delicate, bright, and good light mixing effect. DC24V working voltage. The performance is very stable and reliable with long-term working time.

Protection process:

I P65

High permeability silicone sheath

I P65

Hollow silicone extrusion

I P67

Solid silicone extrusion

Specifications

Product No.	Working voltage	Power	LED type	LED Q' ty/m	CRI/wavelength
H3S21024505060	DC24V	14.5W/m	SMD5050	60PCS/m	R:620~625NM G:515~520NM B:450~455NM

Remarks: The optical parameters of the above products are based on the rated power, and the average range value is obtained by multiple multi-directional measurements. When it is less than the rated power, the luminous efficiency and luminous flux parameters are different.

Application

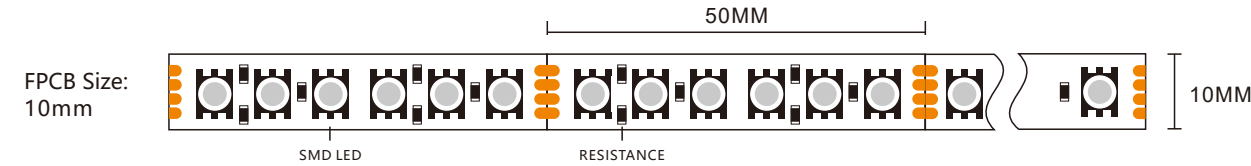
Atmosphere lights in amusement parks, shopping malls, performing arts stages, Internet cafes, bars, KTV and other places.







TC-H3S-DC24V-5050-120P  
(FPCB:10mm)



**Key features:**  
SMD5050 led with high brightness and large light-emitting surface, 120pcs LED color light sources per meter, the light source are arranged properly, pure light color, delicate, bright, and good light mixing effect. 10mm wide and 35 + 70um copper thick circuit board, DC24V working voltage, so that it has a very excellent circuit board voltage drop, so as to ensure the consistent RGB light mixing effect before and after the strip. The performance is very stable and reliable with long-term working time.

Protection process:

**I P65**

High permeability silicone sheath

**I P65**

Hollow silicone extrusion

**I P67**

Solid silicone extrusion

## Specifications



Product No.	Working voltage	Power	LED type	LED Q' ty/m	CRI/wavelength
H3S310245050120	DC24V	19.5W/m	SMD5050	120PCS/m	R:620~625NM G:515~520NM B:450~455NM

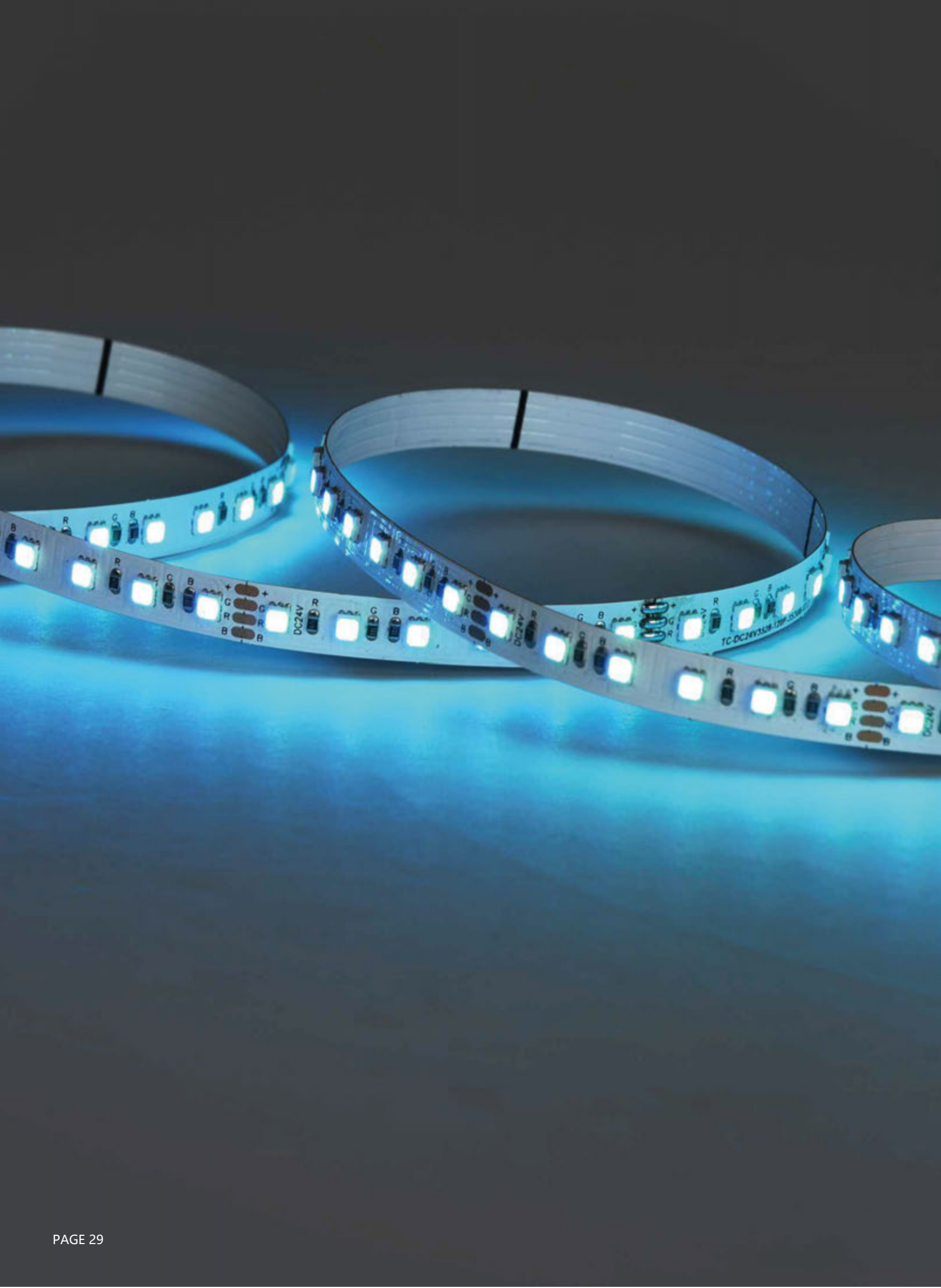
Remarks: The optical parameters of the above products are based on the rated power, and the average range value is obtained by multiple multi-directional measurements. When it is less than the rated power, the luminous efficiency and luminous flux parameters are different.

## Application

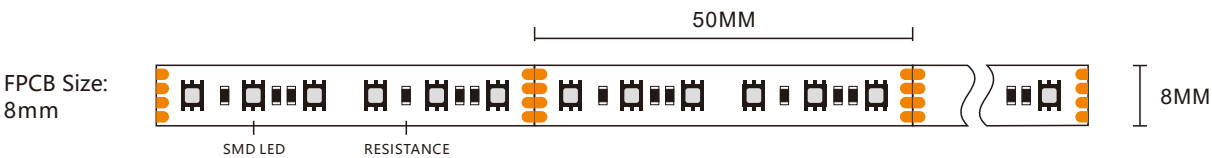
It can be used for the light source in the linear light decorative strip, such as atmosphere decoration of smart home, fitness club, amusement park, shopping mall, performance stage and other places.



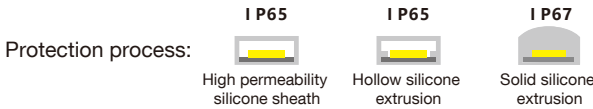




TC-H3S-DC24V-3528-120P  
(FPCB:8mm)



**Key features:**  
SMD3528 led with high brightness and large light-emitting surface, 120pcs LED color light sources per meter, the light source are arranged properly, pure light color, delicate, bright, and good light mixing effect. 8mm wide and 35 + 70um copper thick circuit board, DC24V working voltage, so that it has a very excellent circuit board voltage drop, so as to ensure the consistent RGB light mixing effect before and after the strip. The performance is very stable and reliable with long-term working time.



## Specifications



Product No.	Working voltage	Power	LED type	LED Q' ty/m	CRI/wavelength
H3S308243528120	DC24V	16W/m	SMD3528	120PCS/m	R:620~625NM G:515~520NM B:450~455NM

Remarks: The optical parameters of the above products are based on the rated power, and the average range value is obtained by multiple multi-directional measurements. When it is less than the rated power, the luminous efficiency and luminous flux parameters are different.

## Application

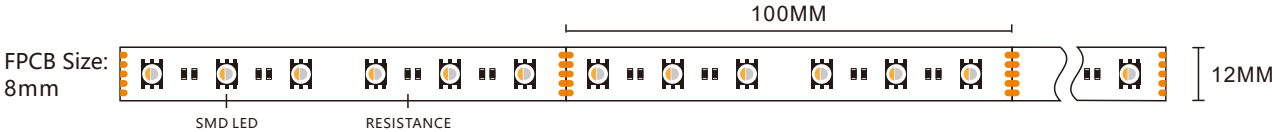
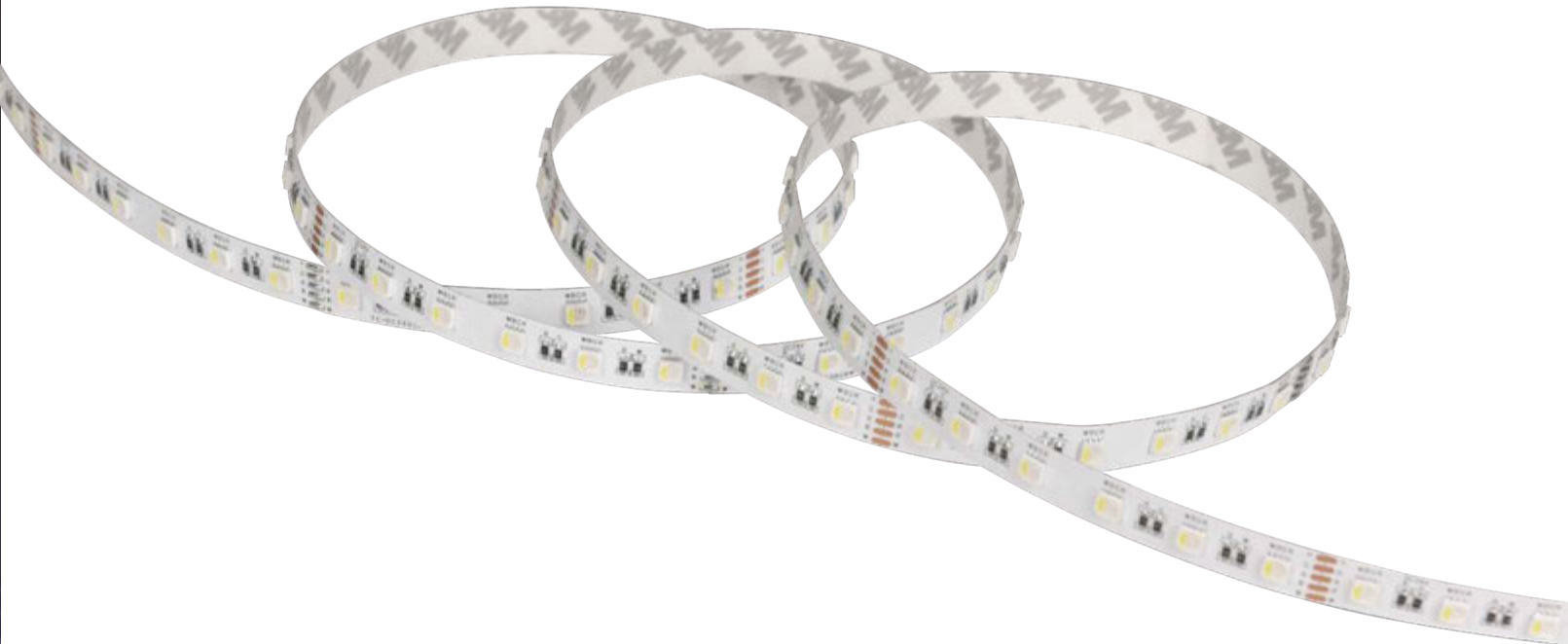
It is suitable for some narrow or exquisite profiles, linear light sources in silicone strips, and linear light decorative strips. Atmosphere decoration of fitness clubs, entertainment venues, shopping malls, performing arts stages, Internet cafes, KTV and other places.







TC-H4S-DC24V-5050-60P  
(FPCB:12mm)



**Key features:**  
SMD5050 led with high brightness and large light-emitting surface, 60pcs LED 4 in 1 color light sources per meter, the light source are arranged properly, pure light color, delicate, bright, and good light mixing effect. 12mm wide and 25 + 50um copper thick circuit board, DC24V working voltage, so that it has a very excellent circuit board voltage drop, so as to ensure the consistent RGB light mixing effect before and after the strip. The performance is very stable and reliable with long-term working time.

Protection process:

**I P65**

High permeability silicone sheath

**I P65**

Hollow silicone extrusion

**I P67**

Solid silicone extrusion

Specifications



Product No.	Working voltage	Power	LED type	LED Q' ty/m	CRI/wavelength
H3S31224505060	DC24V	14.5W/m	SMD5050	60PCS/m	R:620~625NM G:515~520NM B:450~455NM W:Ra80+/90+

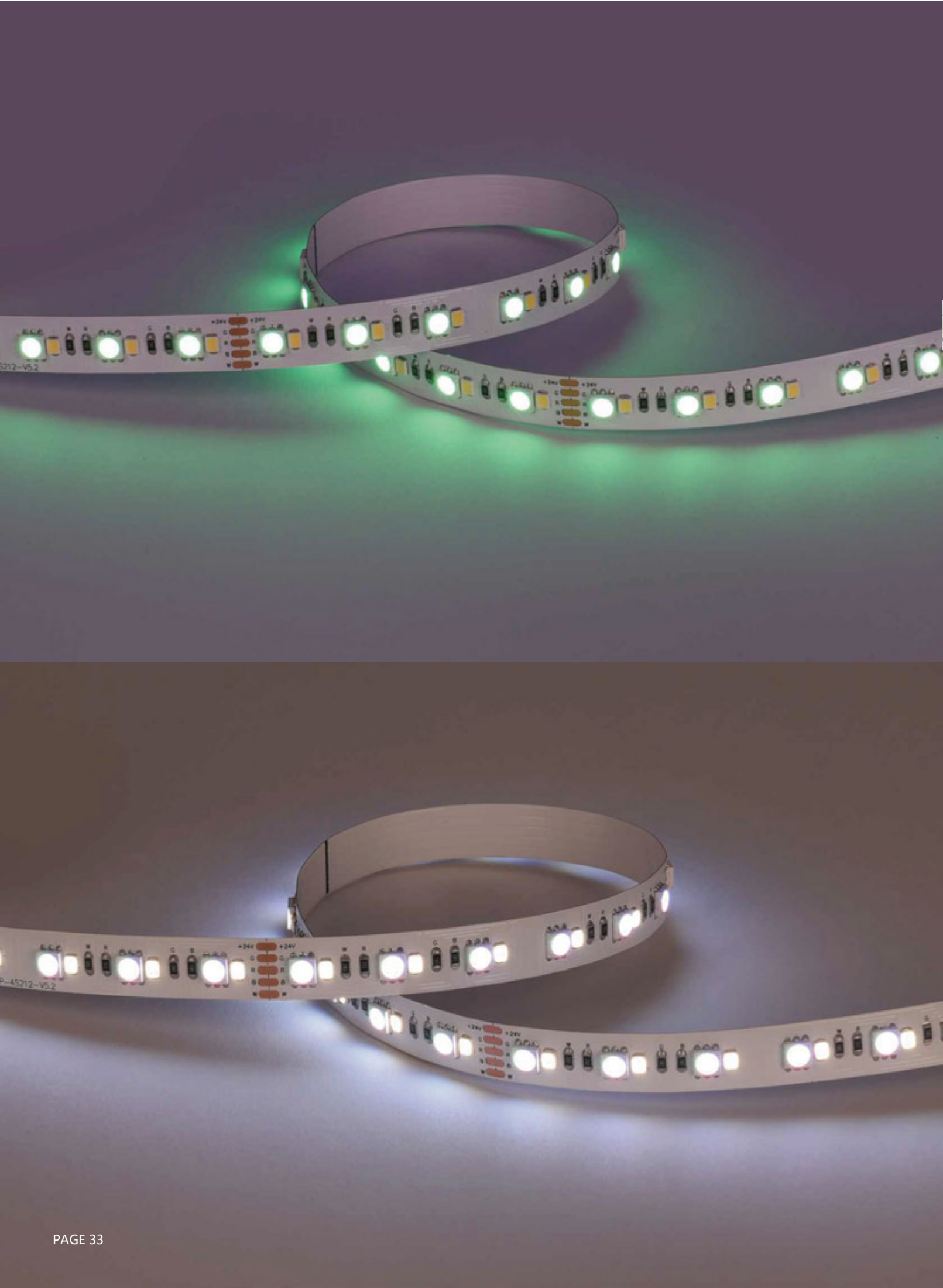
Remarks: The optical parameters of the above products are based on the rated power, and the average range value is obtained by multiple multi-directional measurements. When it is less than the rated power, the luminous efficiency and luminous flux parameters are different.

Application

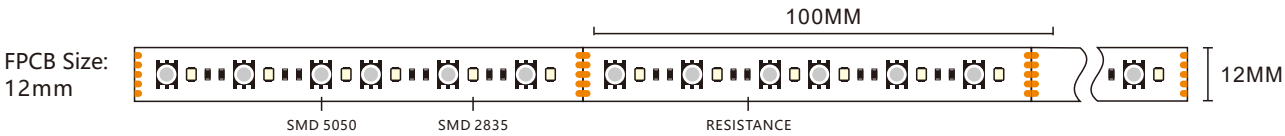
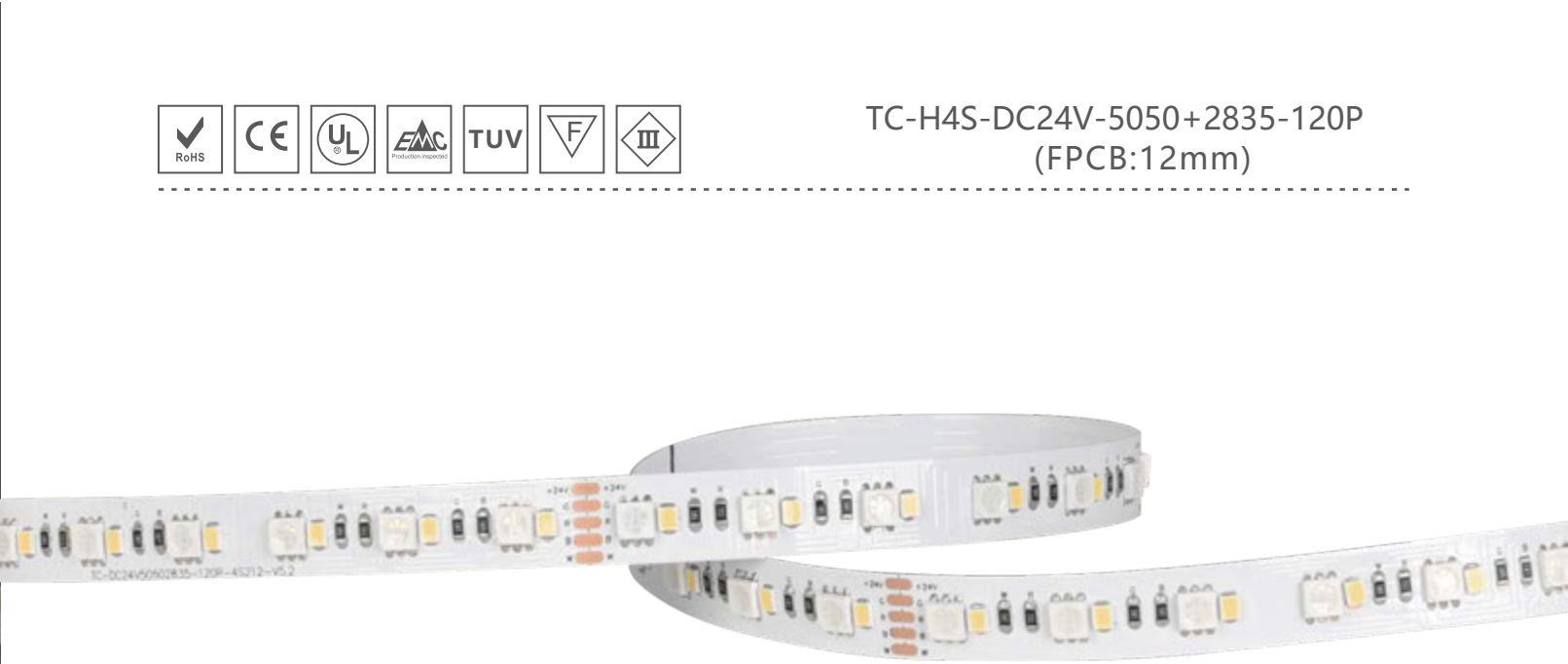
Atmosphere lights in amusement parks, shopping malls, performing arts stages, Internet cafes, bars, KTV and other places. Automatic equipment, entertainment equipment, toys and other decorative lights.







TC-H4S-DC24V-5050+2835-120P  
(FPCB:12mm)



**Key features:**  
SMD5050 led with high brightness and large light-emitting surface, 60pcs LED color light sources + 60pcs individual 2835 high bright led per meter. The light source combination is flexible, convenient and is arranged densely, the light color is pure, delicate and bright, the brightness and the light mixing effect is very good and the light distribution is uniform. 12mm wide and 25 + 50um copper thick circuit board, DC24V working voltage, so that it has a very excellent circuit board voltage drop, so as to ensure the consistent RGB light mixing effect before and after the strip. The performance is very stable and reliable with long-term working time.

Protection process:

**I P65**

High permeability silicone sheath

**I P65**

Hollow silicone extrusion

**I P67**

Solid silicone extrusion

Specifications

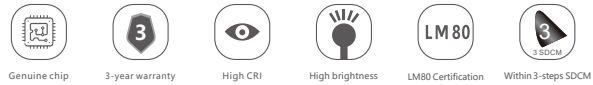
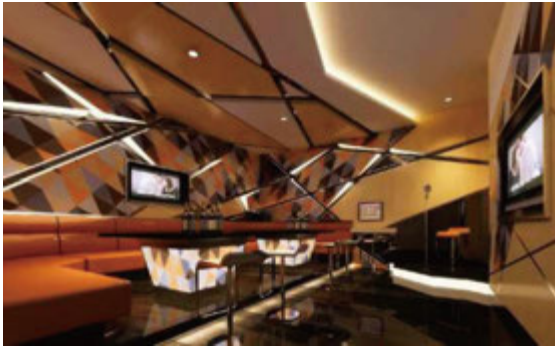


Product No.	Working voltage	Power	LED type	LED Q' ty/m	CRI/wavelength
H4S312245028120	DC24V	18W/m	SMD5050+2835	120PCS/m	R:620~625NM G:515~520NM B:450~455NM W:Ra90+

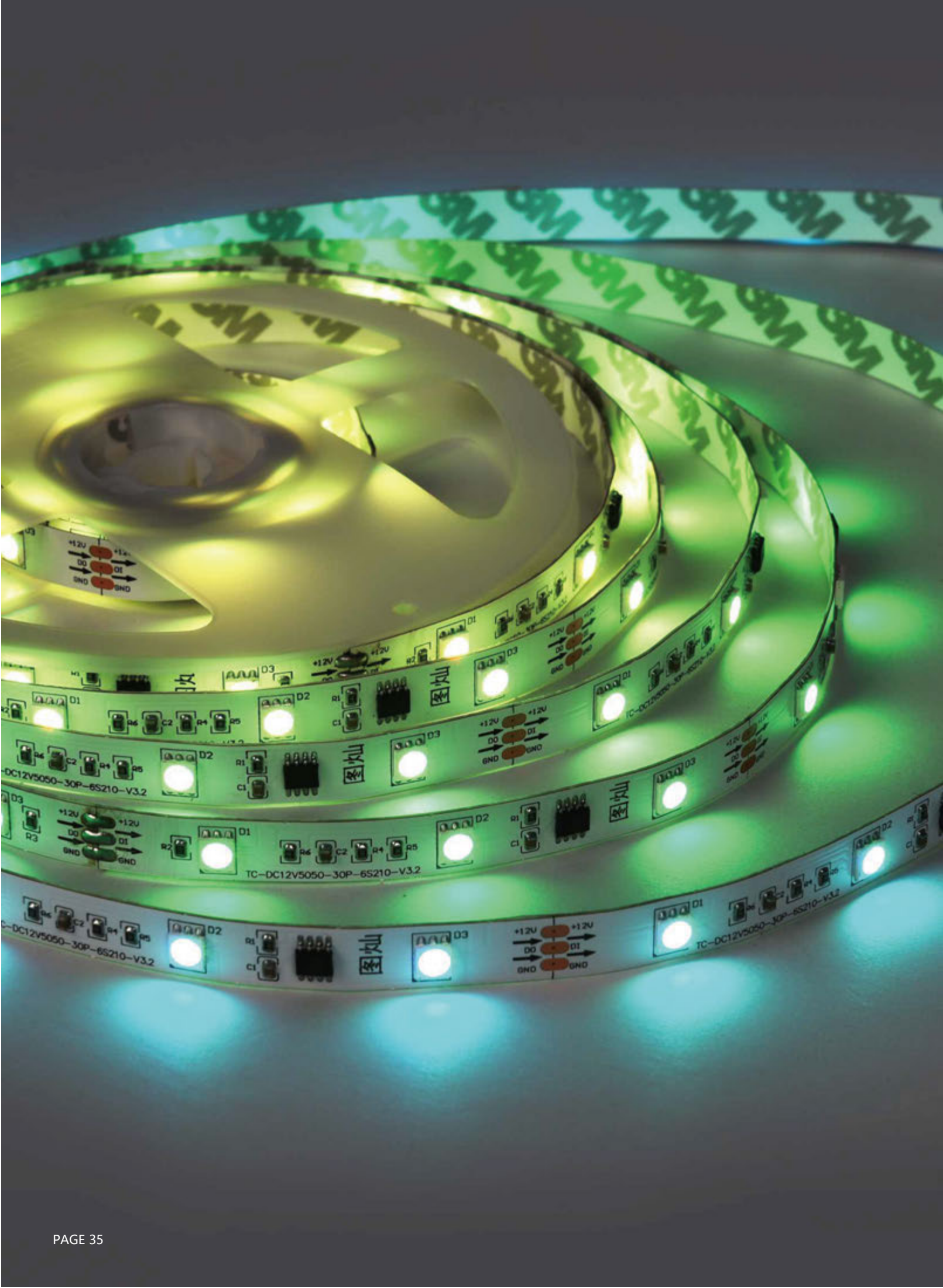
Remarks: The optical parameters of the above products are based on the rated power, and the average range value is obtained by multiple multi-directional measurements. When it is less than the rated power, the luminous efficiency and luminous flux parameters are different.

Application

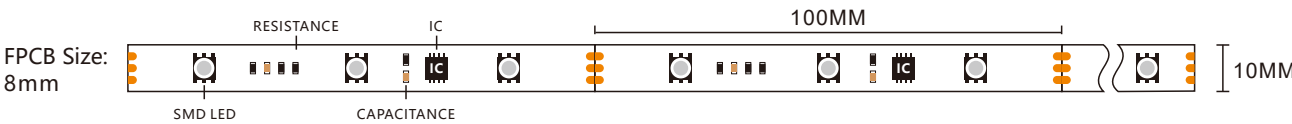
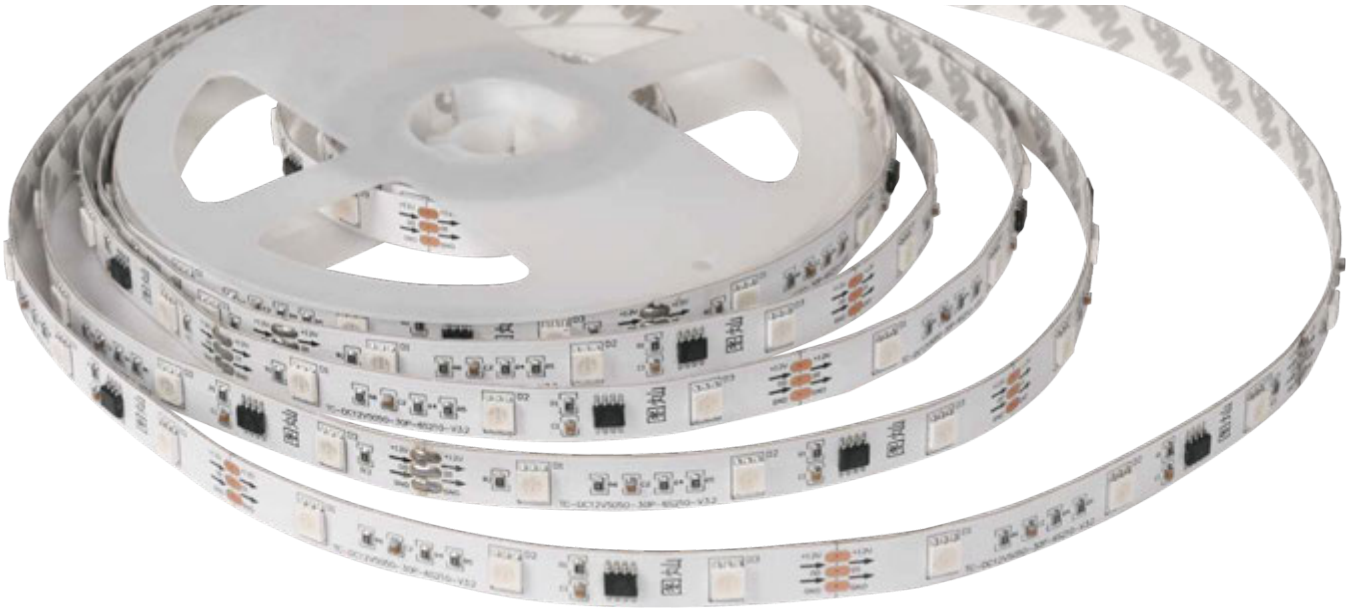
Atmosphere decoration of smart home, fitness club, amusement park, shopping mall, performance stage, advertising light box and other places.







TC-H6S-DC12V-5050-30P  
(FPCB:10mm)



**Key features:**  
Adopt SMD5050 led with high brightness and large light-emitting surface, 30pcs LED color light sources per meter. Low power consumption, pure, delicate and bright light color, DC12V working voltage, 10 pixel units per meter, 10mm wide and 25 + 50um copper thick circuit board, genuine driving IC chip, and stable performance with long-time working time. It can match all mainstream lighting control systems on the market.

Protection process:

**I P65**

High permeability silicone sheath

**I P65**

Hollow silicone extrusion

**I P67**

Solid silicone extrusion

Specifications



Product No.	Working voltage	Power	LED type	LED Q' ty/m	CT/wavelength	Driver	Grey scale
H6S21012505030	DC12V	8W/m	SMD5050	30PCS/m	R:620~625 G:515~520 B:450~455	SM16703P	256

Remarks: The optical parameters of the above products are based on the rated power, and the average range value is obtained by multiple multi-directional measurements. When it is less than the rated power, the luminous efficiency and luminous flux parameters are different.

Application

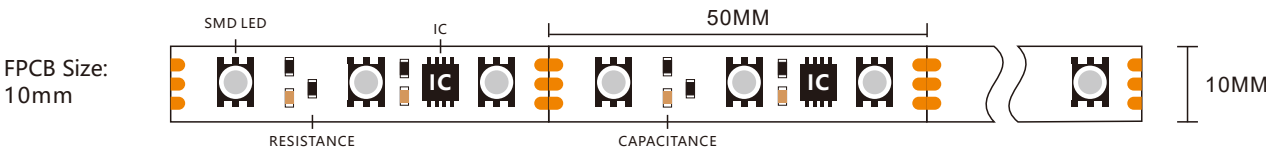
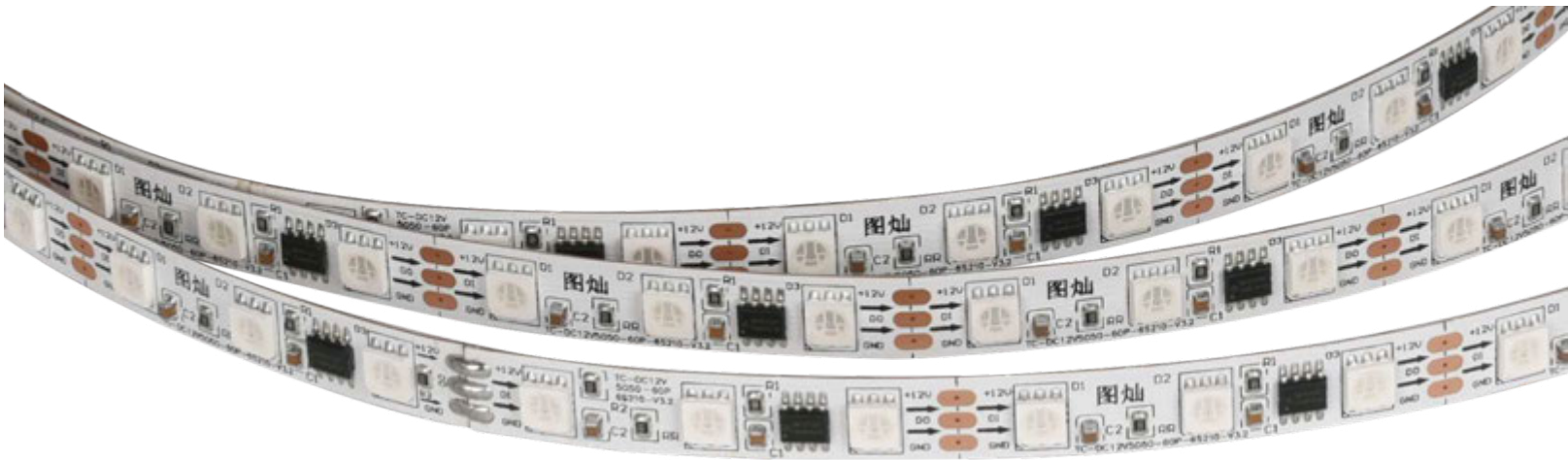
Atmosphere decoration in advertising light boxes, intelligent soft film lamps, bars, KTV and other places.



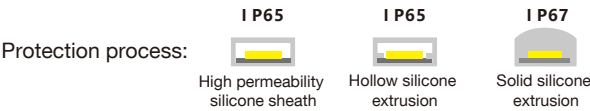




TC-H6S-DC12V-5050-60P  
(FPCB:10mm)



**Key features:**  
Adopt SMD5050 led with high brightness and large light-emitting surface, 60pcs LED color light sources per meter. The light source are arranged properly, pure light color, delicate and bright light color, DC12V working voltage, 20 pixel units per meter, 10mm wide and 25 + 50um copper thick circuit board, genuine driving IC chip, and stable performance with long-time working time. It can match all mainstream lighting control systems on the market.



Specifications



Product No.	Working voltage	Power	LED type	LED Q' ty/m	CT/wavelength	Driver	Grey scale
H6S21012505060	DC12V	16W/m	SMD5050	60PCS/m	R:620~625 G:515~520 B:450~455	SM16703P	256

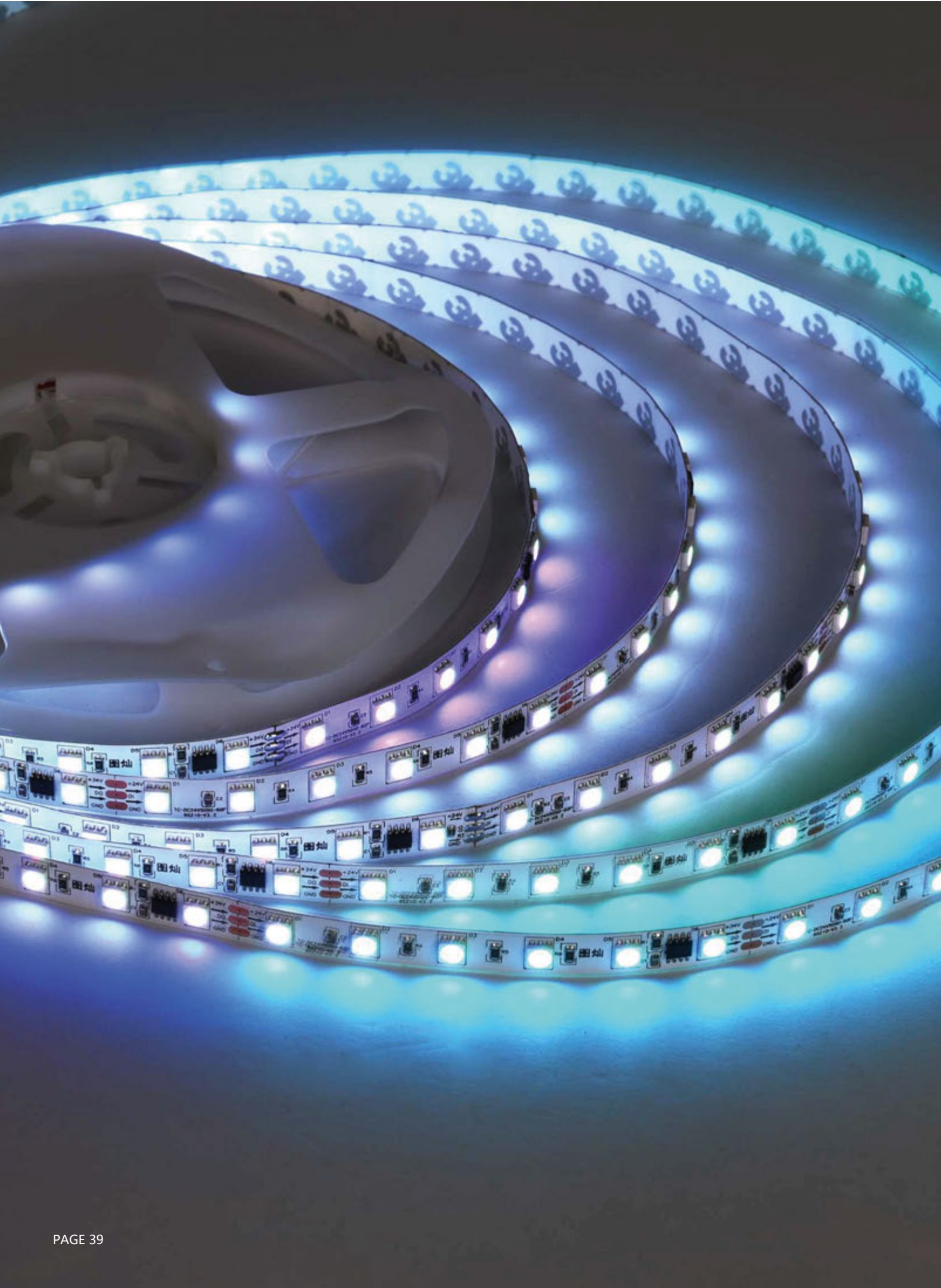
Remarks: The optical parameters of the above products are based on the rated power, and the average range value is obtained by multiple multi-directional measurements. When it is less than the rated power, the luminous efficiency and luminous flux parameters are different.

Application

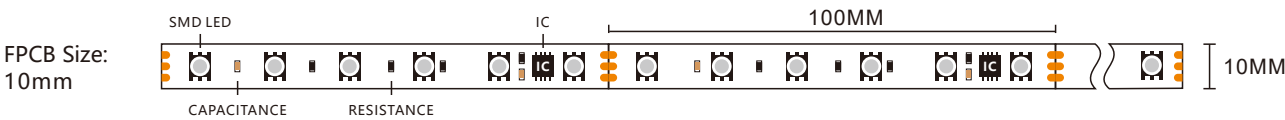
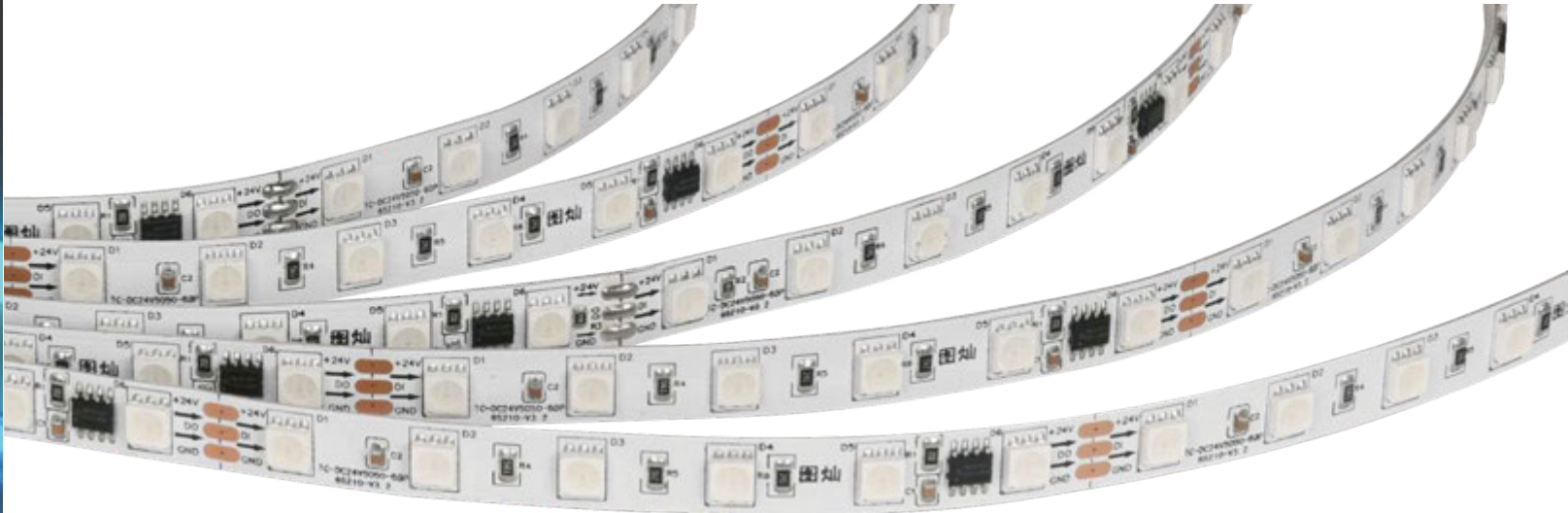
Atmosphere decoration in smart homes, fitness clubs, amusement parks, shopping malls, performing arts stages, KTV and other places.







TC-H6S-DC24V-5050-60P  
(FPCB:10mm)



**Key features:**  
Adopt SMD5050 led with high brightness and large light-emitting surface, 60pcs LED color light sources per meter. The light source are arranged properly, pure light color, delicate and bright light color, DC24V working voltage, 10 pixel units per meter, 10mm wide and 25 + 50um copper thick circuit board, genuine driving IC chip, and stable performance with long-time working time. It can match all mainstream lighting control systems on the market.

Protection process:

I P65

High permeability silicone sheath

I P65

Hollow silicone extrusion

I P67

Solid silicone extrusion

Specifications



Product No.	Working voltage	Power	LED type	LED Q' ty/m	CT/wavelength	Driver	Grey scale
H6S21024505060	DC24V	16W/m	SMD5050	60PCS/m	R:620~625 G:515~520 B:450~455	SM16703P	256

Remarks: The optical parameters of the above products are based on the rated power, and the average range value is obtained by multiple multi-directional measurements. When it is less than the rated power, the luminous efficiency and luminous flux parameters are different.

Application

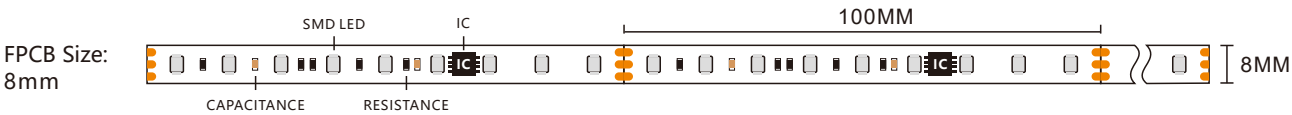
Atmosphere decoration in smart homes, fitness clubs, amusement parks, shopping malls, performing arts stages, KTV and other places.







TC-H6S-DC12V-2835-90P  
(FPCB:8mm)



**Key features:**  
Adopt SMD2835 led with high brightness and high color rendering, 90pcs LED light sources per meter. The light source are arranged properly,low power consumption, pure light color, delicate and bright light color, DC12V working voltage, 10 pixel units per meter, 8mm wide and 25 + 50um copper thick circuit board, genuine driving IC chip, and stable performance with long-time working time. It can match all mainstream lighting control systems on the market.

Protection process:

**I P65**

High permeability silicone sheath

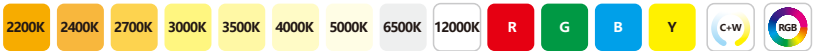
**I P65**

Hollow silicone extrusion

**I P67**

Solid silicone extrusion

Specifications



Product No.	Working voltage	Power	LED type	LED Q' ty/m	CT/wavelength	Driver	Grey scale
H6S20812283590	DC12V	12W/m	SMD2835	90PCS/m	W:Ra90+	SM16703P	256

Remarks: The optical parameters of the above products are based on the rated power, and the average range value is obtained by multiple multi-directional measurements. When it is less than the rated power, the luminous efficiency and luminous flux parameters are different.

Application

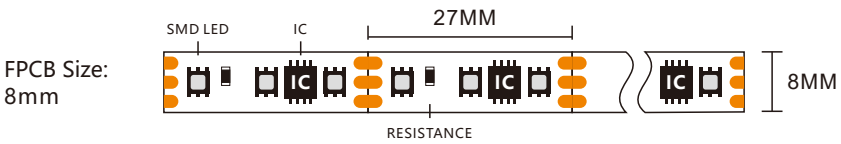
Smart homes, smart experience halls, welcome halls etc.







TC-H6S-DC12V-3535-108P  
(FPCB:8mm)



**Key features:**

Adopt SMD3535 led with high brightness, 108pcs LED color light sources per meter. The light source are arranged density, pure light color, delicate and bright light color, DC12V working voltage, 36 pixel units per meter, 8mm wide and 25 + 50um copper thick circuit board, genuine driving IC chip, and stable performance with long-time working time. It can match all mainstream lighting control systems on the market.

Protection process:

**IP65**

High permeability silicone sheath

**IP65**

Hollow silicone extrusion

**IP67**

Solid silicone extrusion

**Specifications**



Product No.	Working voltage	Power	LED type	LED Q' ty/m	CT/wavelength	Driver	Grey scale
H6S208123535108	DC12V	18W/m	SMD2835	108PCS/m	R:620~625 G:520~535 B:460~470	SM16703P	256

Remarks: The optical parameters of the above products are based on the rated power, and the average range value is obtained by multiple multi-directional measurements. When it is less than the rated power, the luminous efficiency and luminous flux parameters are different.

**Application**

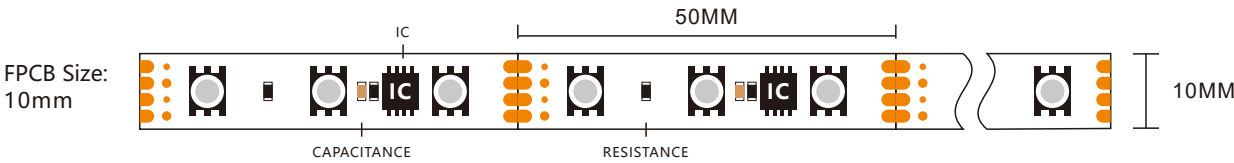
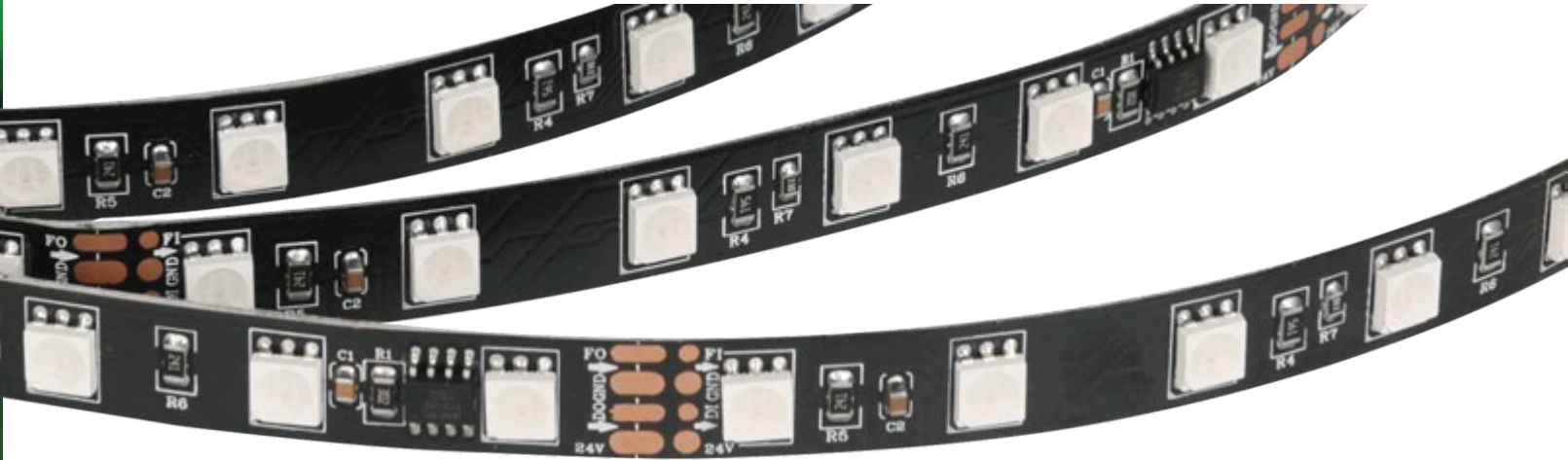
It is suitable for linear light sources in profiles with narrow space or small and exquisite size, silicone strips, or light sources in scenes that need to be bent and fixed in some special-shaped structures. Such as three-dimensional luminous characters, LOGO, line light decorative strip.





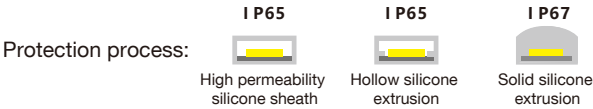


TC-H7S-DC12V-5050-60P  
(FPCB:10mm)



**Key features:**

Adopt SMD5050 led with high brightness and large light-emitting surface, 60pcs LED color light sources per meter. The light source are arranged properly, pure light color, delicate and bright light color, DC12V working voltage, 20 pixel units per meter, genuine driving IC chip with breakpoint continuation function, and stable performance with long-time working time. It can match all mainstream lighting control systems on the market.



Color of FPCB: Black/White

**Specifications**

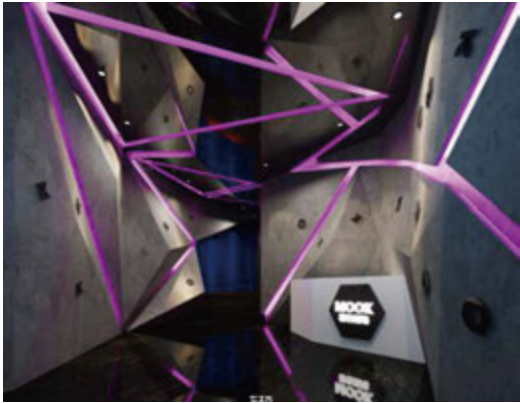


Product No.	Working voltage	Power	LED type	LED Q' ty/m	CT/wavelength	Driver	Grey scale
H7S21012505060	DC12V	16Wm	SMD5050	60PCS/m	R:620~625 G:515~520 B:450~455	TM1934A	256

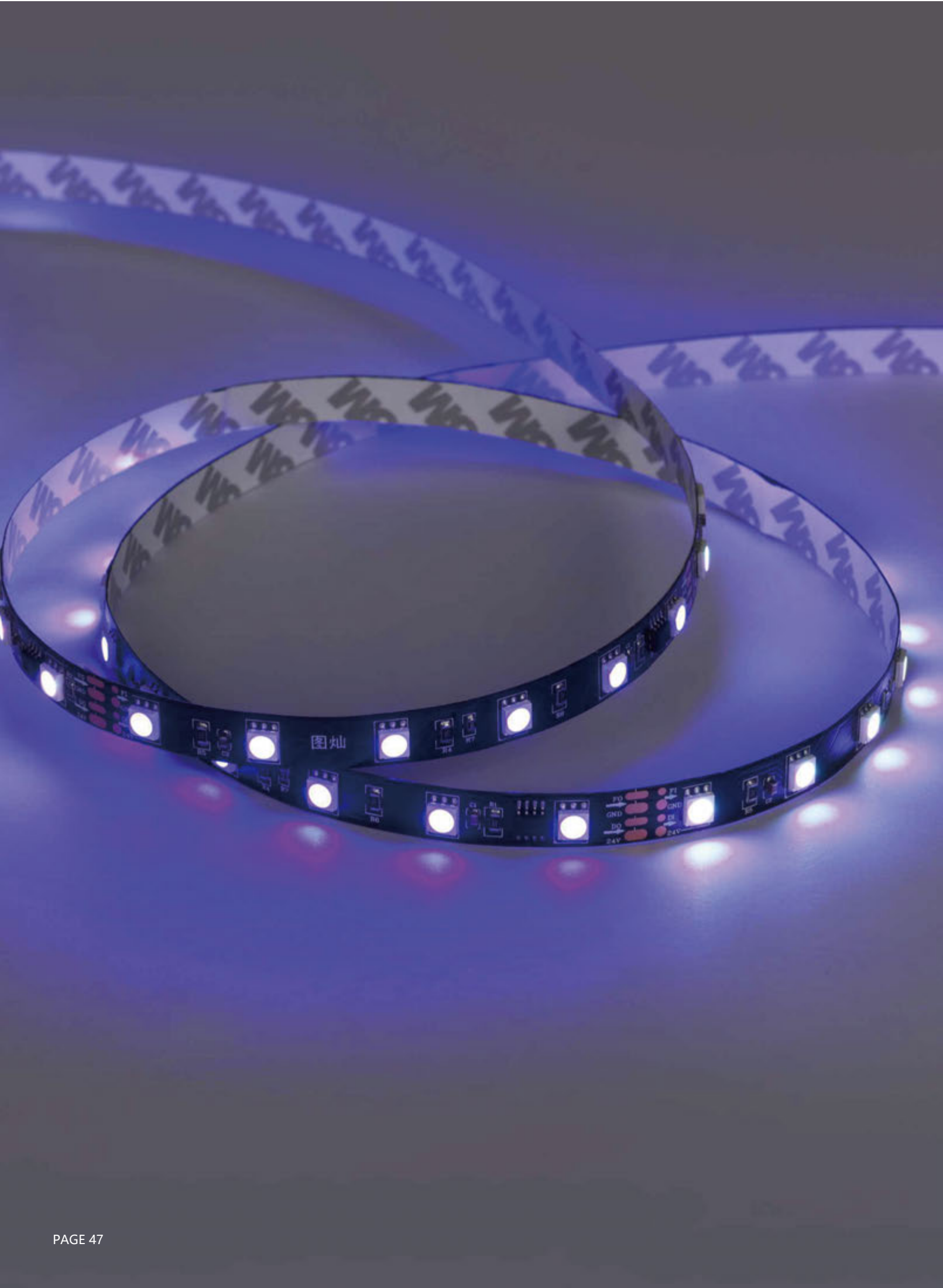
Remarks: The optical parameters of the above products are based on the rated power, and the average range value is obtained by multiple multi-directional measurements. When it is less than the rated power, the luminous efficiency and luminous flux parameters are different.

**Application**

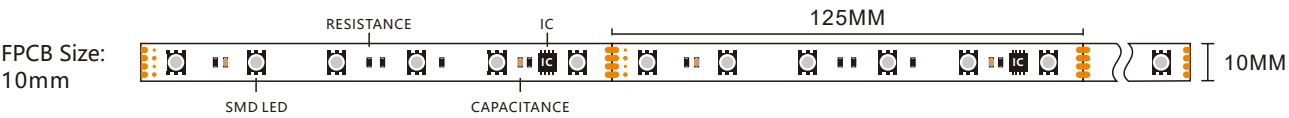
Atmosphere decoration in smart homes, fitness clubs, amusement parks, shopping malls, performance stages, bars, KTV and other places.







TC-H7S-DC24V-5050-48P  
(FPCB:10mm)



**Key features:**  
Adopt SMD5050 led with high brightness and large light-emitting surface, 48pcs LED color light sources per meter. Low power consumption, the light source are arranged properly, pure light color, delicate and bright light color, DC24V working voltage, 8 pixel units per meter, genuine driving IC chip with breakpoint continuation function, and stable performance with long-time working time. It can match all mainstream lighting control systems on the market.

Protection process:

IP65  
High permeability silicone sheath

IP65  
Hollow silicone extrusion

IP67  
Solid silicone extrusion

Color of FPCB: Black/White

Specifications



Product No.	Working voltage	Power	LED type	LED Q' ty/m	CT/wavelength	Driver	Grey scale
H7S21024505048	DC24V	12W/m	SMD5050	48PCS/m	R:620~625 G:515~520 B:450~455	TM1934A	256

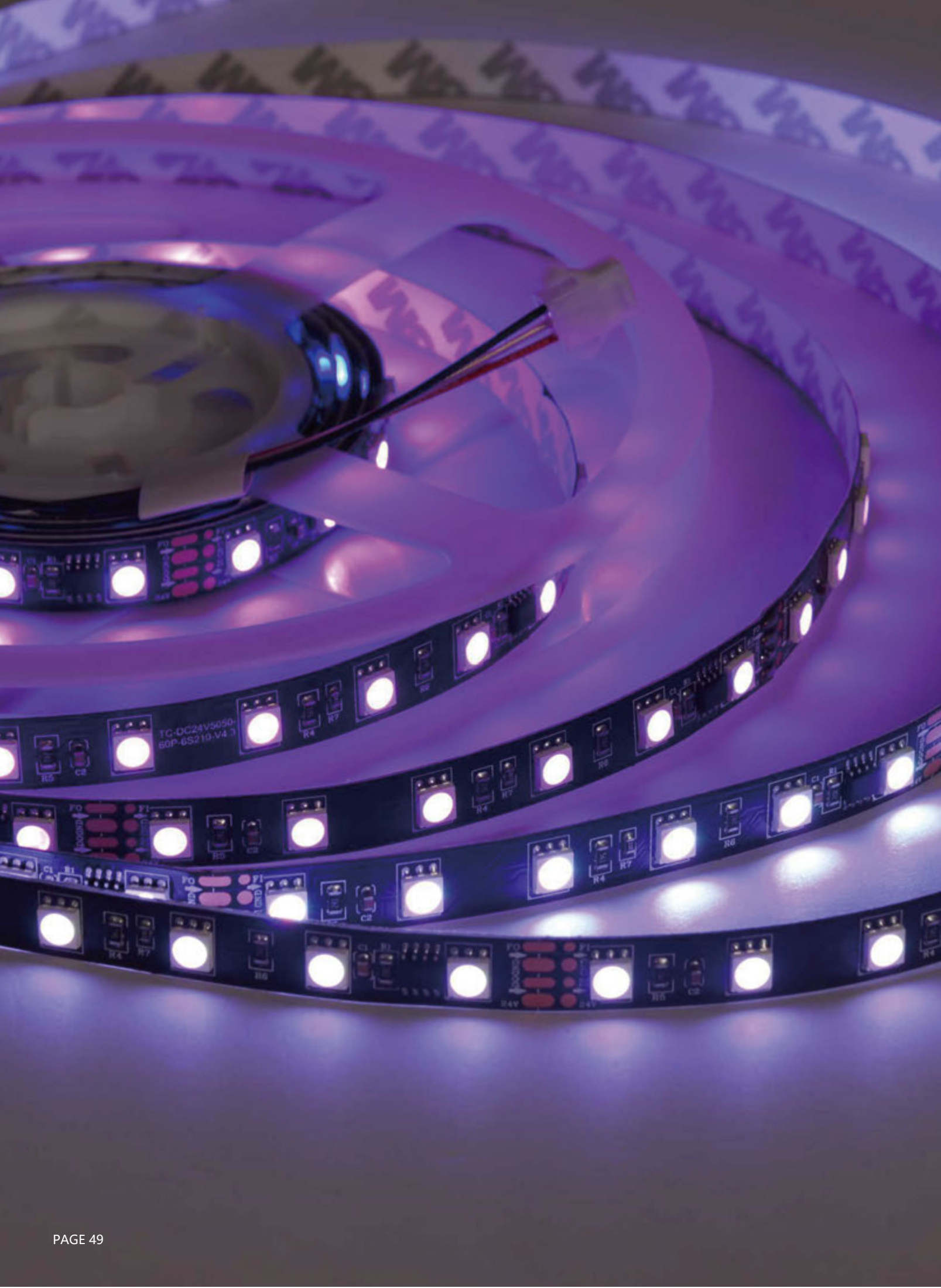
Remarks: The optical parameters of the above products are based on the rated power, and the average range value is obtained by multiple multi-directional measurements. When it is less than the rated power, the luminous efficiency and luminous flux parameters are different.

Application

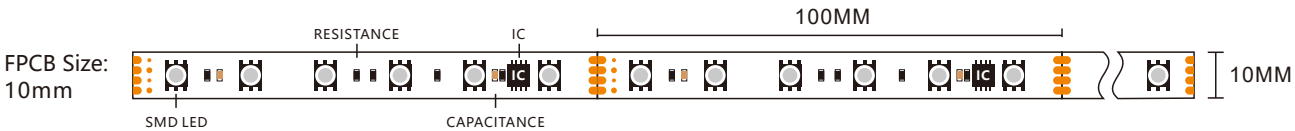
Advertising light box, intelligent soft film lamp, automation equipment, entertainment and leisure equipment, children's playground and other places. Atmosphere decoration of fitness club, amusement park, shopping mall, performance stage, bar, KTV and other places.







TC-H7S-DC24V-5050-60P  
(FPCB:10mm)



Key features:

Adopt SMD5050 led with high brightness and large light-emitting surface, 60pcs LED color light sources per meter. The light source are arranged properly, pure light color, delicate and bright light color, DC24V working voltage, 10 pixel units per meter, genuine driving IC chip with breakpoint continuation function, and stable performance with long-time working time. It can match all mainstream lighting control systems on the market.

Protection process:

**I P65**

High permeability silicone sheath

**I P65**

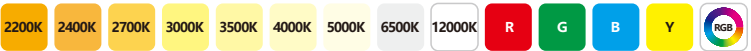
Hollow silicone extrusion

**I P67**

Solid silicone extrusion

Color of FPCB: Black/White

Specifications



Product No.	Working voltage	Power	LED type	LED Q' ty/m	CT/wavelength	Driver	Grey scale
H7S21024505060	DC24V	16W/m	SMD5050	60PCS/m	R:620~625 G:515~520 B:450~455	TM1934A	256

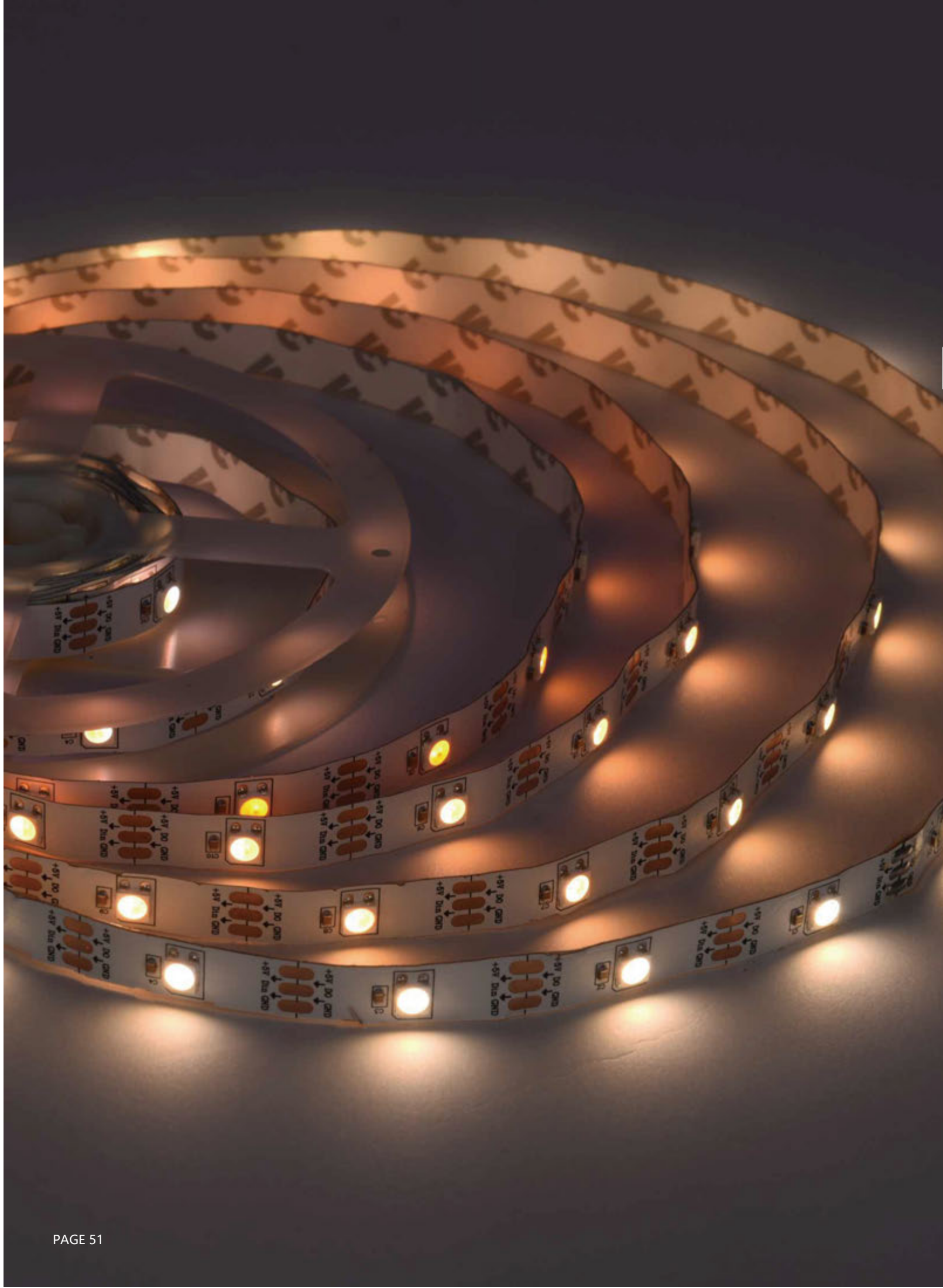
Remarks: The optical parameters of the above products are based on the rated power, and the average range value is obtained by multiple multi-directional measurements. When it is less than the rated power, the luminous efficiency and luminous flux parameters are different.

Application

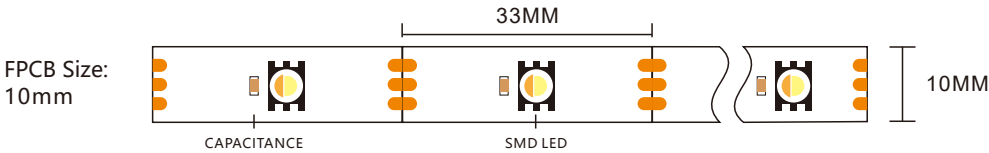
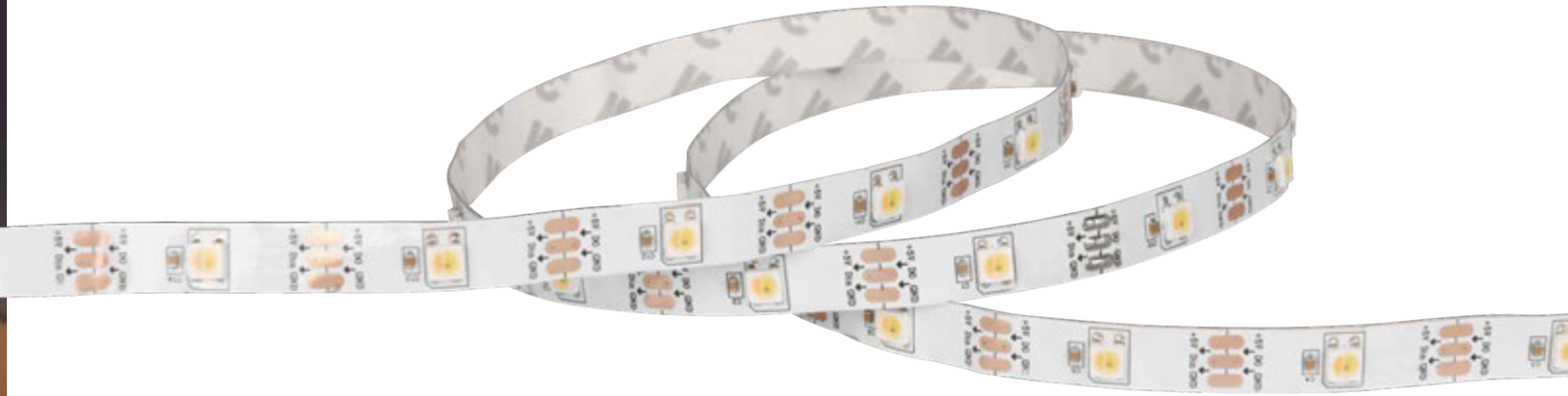
Atmosphere decoration of smart home, fitness club, amusement park, shopping mall, performance stage, bar, KTV and other places.







TC-H6SN-DC12V-5050-30P  
(FPCB:10mm)



**Key features:**

Adopt SMD5054 led with high brightness and built-in IC, 30pcs LED color light sources per meter. Low power consumption, pure light color, delicate and bright light color, DC12V working voltage, 30 pixel units per meter, 10mm wide and 25 + 50um copper thick circuit board, genuine driving IC chip, stable performance with long-time working time. It can match all mainstream lighting control systems on the market.

Protection process:

**I P65**  
High permeability silicone sheath

**I P65**  
Hollow silicone extrusion

**I P67**  
Solid silicone extrusion

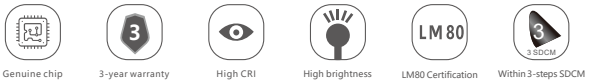
**Specifications**

Product No.	Working voltage	Power	LED type	LED Q' ty/m	CT/wavelength	Driver	Grey scale
H6SN21012505030	DC12V	8W/m	SMD5054	30PCS/m	R:620~625 G:520~535 B:460~470	SK6813	256

Remarks: The optical parameters of the above products are based on the rated power, and the average range value is obtained by multiple multi-directional measurements. When it is less than the rated power, the luminous efficiency and luminous flux parameters are different.

**Application**

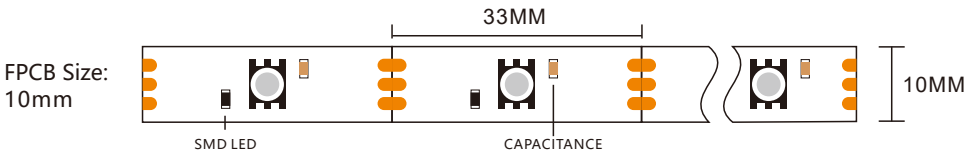
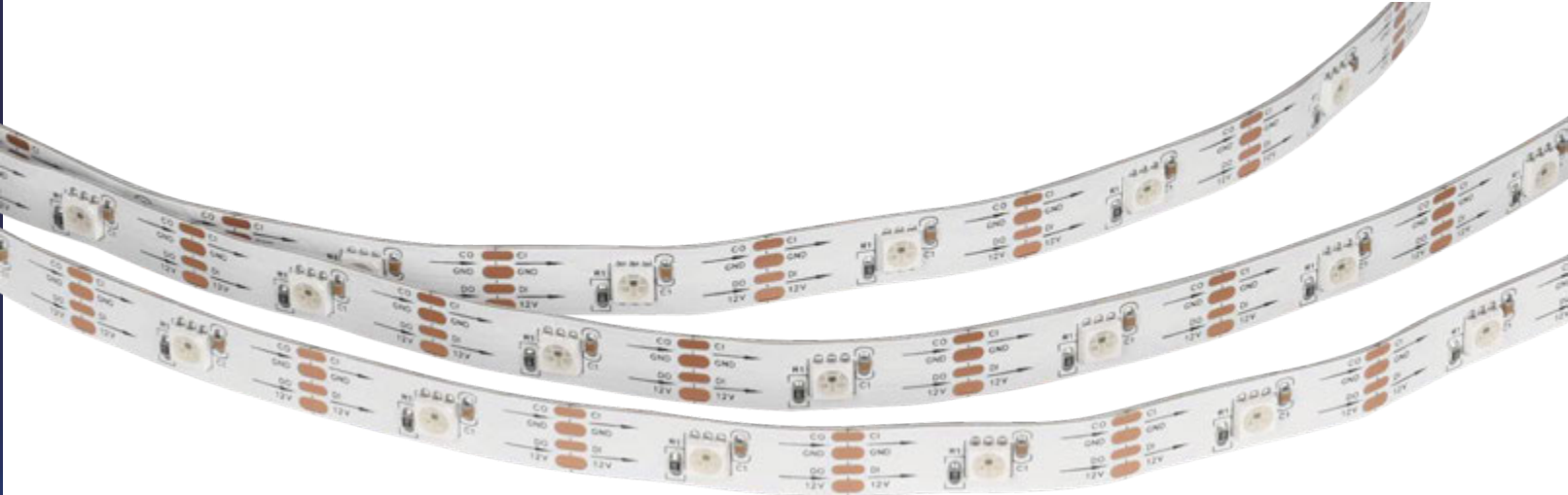
Advertising light box, intelligent soft film lamp, automation equipment, entertainment and leisure equipment, children's playground and other places.







TC-H7SN-DC12V-5050-30P  
(FPCB:10mm)



**Key features:**  
Adopt SMD5054 led with high brightness and built-in IC, 30pcs LED color light sources per meter. Low power consumption, pure light color, delicate and bright light color, DC12V working voltage, 30 pixel units per meter, 10mm wide and 25 + 50um copper thick circuit board, genuine driving IC chip, stable performance with long-time working time. It can match all mainstream lighting control systems on the market.

Protection process:

**I P65**

High permeability silicone sheath

**I P65**

Hollow silicone extrusion

**I P67**

Solid silicone extrusion

Specifications

Product No.	Working voltage	Power	LED type	LED Q' ty/m	CT/wavelength	Driver	Grey scale
H7SN21012505030	DC12V	8W/m	SMD5054	30PCS/m	R:620~625 G:520~535 B:460~470	SK6813	256

Remarks: The optical parameters of the above products are based on the rated power, and the average range value is obtained by multiple multi-directional measurements. When it is less than the rated power, the luminous efficiency and luminous flux parameters are different.

Application

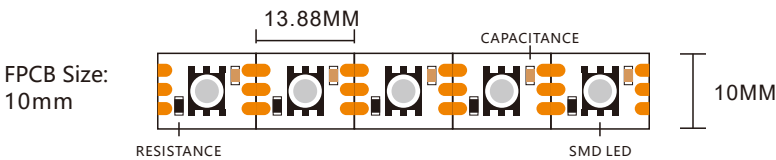
Advertising light box, intelligent soft film lamp, automation equipment, entertainment and leisure equipment, children's playground and other places.







TC-H7SN-DC12V-5050-72P  
(FPCB:10mm)



**Key features:**  
Adopt SMD5054 led with high brightness and built-in IC, 72pcs LED color light sources per meter. Low power consumption, pure light color, delicate and bright light color, DC12V working voltage, 72pixel units per meter, 10mm wide and 25 + 50um copper thick circuit board, genuine driving IC chip, stable performance with long-time working time. It can match all mainstream lighting control systems on the market.

Protection process:

**IP65**

High permeability silicone sheath

**IP65**

Hollow silicone extrusion

**IP67**

Solid silicone extrusion

Specifications

Product No.	Working voltage	Power	LED type	LED Q' ty/m	CT/wavelength	Driver	Grey scale
H7SN21012505072	DC12V	18W/m	SMD5054	72PCS/m	R:620~625 G:520~535 B:460~470	SK6813	256

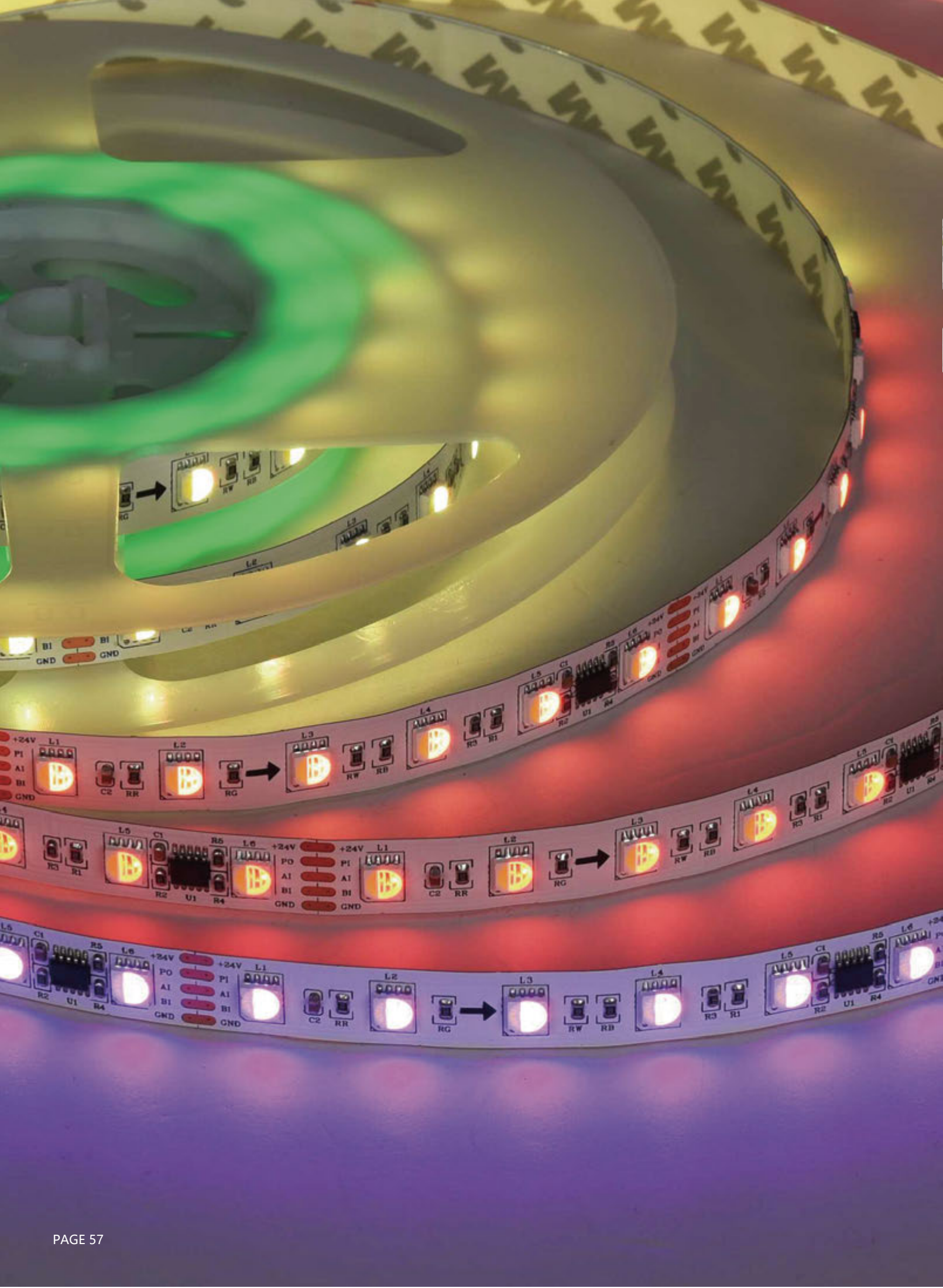
Remarks: The optical parameters of the above products are based on the rated power, and the average range value is obtained by multiple multi-directional measurements. When it is less than the rated power, the luminous efficiency and luminous flux parameters are different.

Application

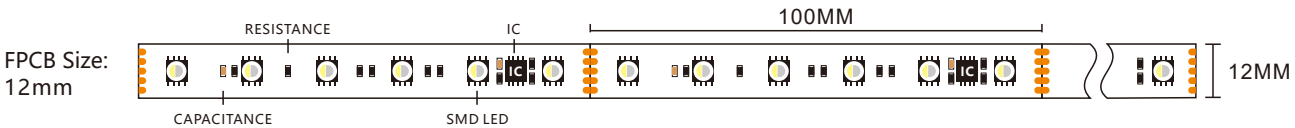
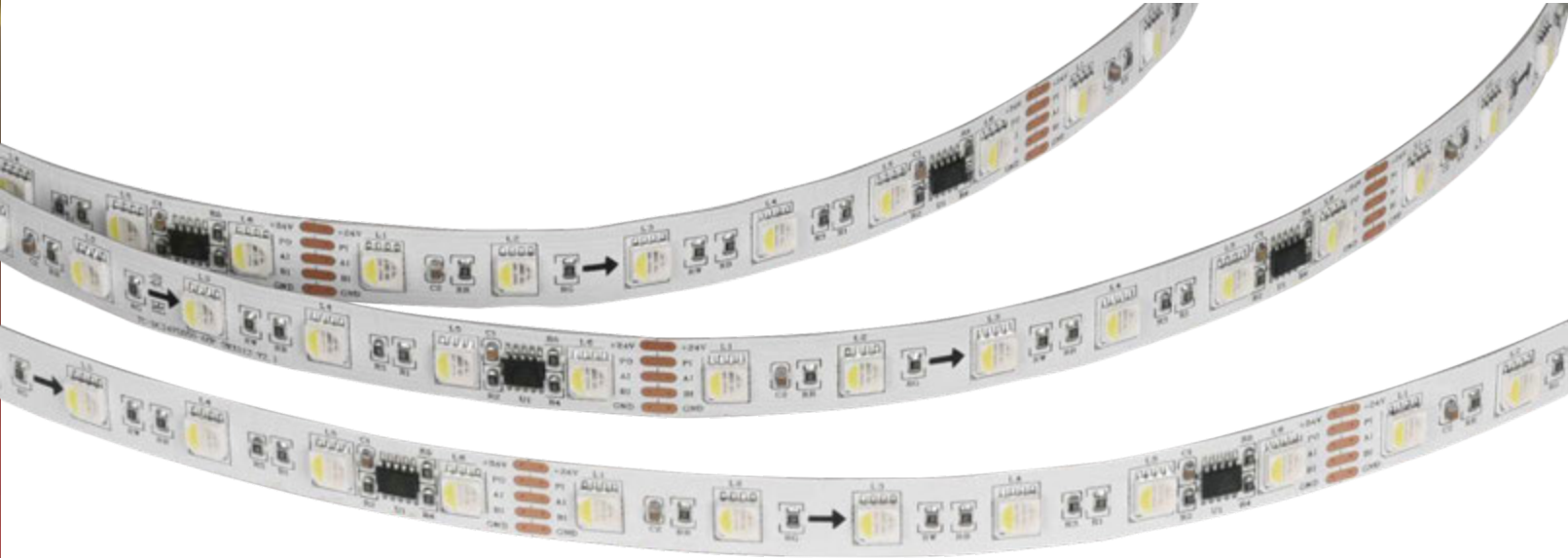
It is suitable for some scenes with delicate and strict lighting requirements, such as exquisite display racks, precision models, equipment and other lighting simulation and demonstration purposes. The linear light source in some profiles and silicone strips with narrow space or small and exquisite size can also be used.







TC -H8S-DC24V-5050-60P  
(FPCB:12mm)



**Key features:**

Adopt SMD5050 led with high brightness and large light-emitting surface, 60pcs LED 4 in 1 color light sources per meter. The light source are arrange properly, pure light color, delicate and bright light color, DC24V working voltage, 10pixel units per meter, International standard DMX512 genuine driver IC chip, 512 high gray level, stable performance with long-time working time. It can match all mainstream lighting control systems on the market.

Protection process:

**I P65**  
High permeability silicone sheath

**I P65**  
Hollow silicone extrusion

**I P67**  
Solid silicone extrusion

**Specifications**



Product No.	Working voltage	Power	LED type	LED Q' ty/m	CT/wavelength	Driver	Grey scale
H8SN31224505060	DC24V	16W/m	SMD5050	60PCS/m	R:620~625 G:515~520 B:450~455	TM512AC	512

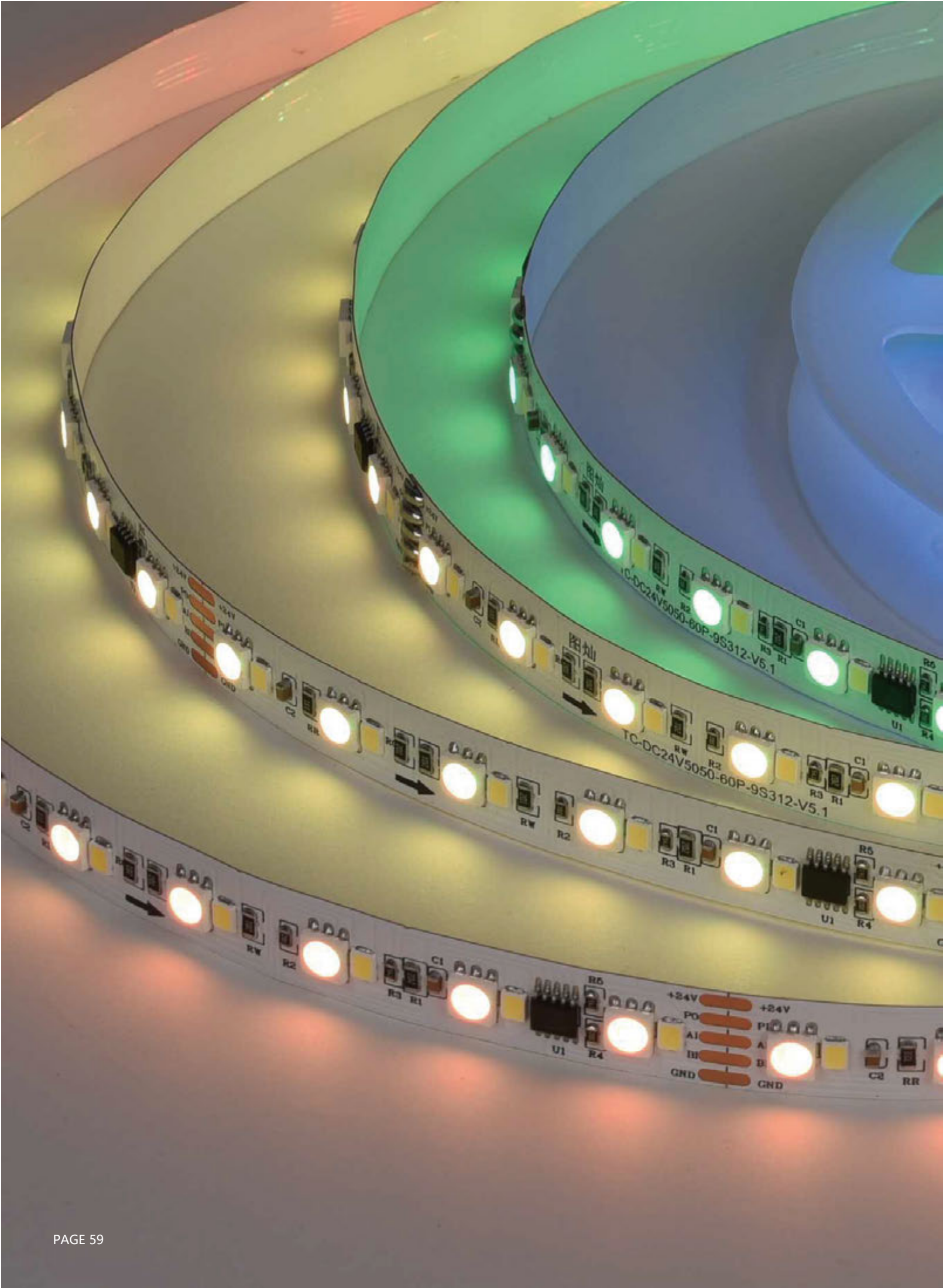
Remarks: The optical parameters of the above products are based on the rated power, and the average range value is obtained by multiple multi-directional measurements. When it is less than the rated power, the luminous efficiency and luminous flux parameters are different.

**Application**

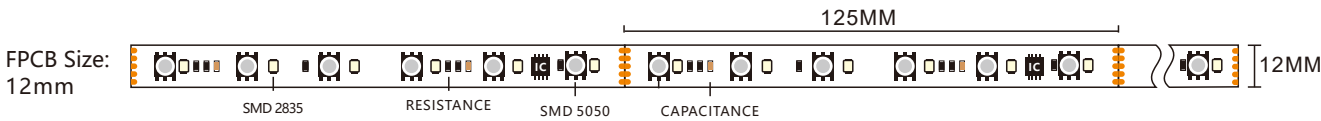
Smart buildings, smart homes, fitness clubs, hotel lobbies, shopping malls, banquet halls and other places.







TC-H9S-DC24V-5050+2835-96P  
(FPCB:12mm)



Key features:

Adopt SMD5050 led with high brightness and large light-emitting surface, 48pcs LED color light sources + 48pcs individual SMD2835 high bright LED per meter. The light source combination is flexible and convenient, the light color is pure, delicate and bright, the light source arrangement is moderate, the power consumption is relatively low, the light distribution is uniform, and the light mixing effect is very good. 12mm wide and 35 + 70um copper thick circuit board, DC24V working voltage makes it have quite excellent circuit board voltage drop. There are 8 pixel units per meter, international standard DMX512 genuine drive IC chip, 512 level high gray level, which can match all mainstream lighting control systems on the market. Stable performance with long-time working time.

Protection process:

IP65

High permeability silicone sheath

IP65

Hollow silicone extrusion

IP67

Solid silicone extrusion

Specifications



Product No.	Working voltage	Power	LED type	LED Q' ty/m	CT/wavelength	Driver	Grey scale
H9SN31224502860	DC24V	16W/m	SMD5050+2835	96PCS/m	R:620~625 G:515~520 B:450~455 W:Ra90+	TM512AC	512

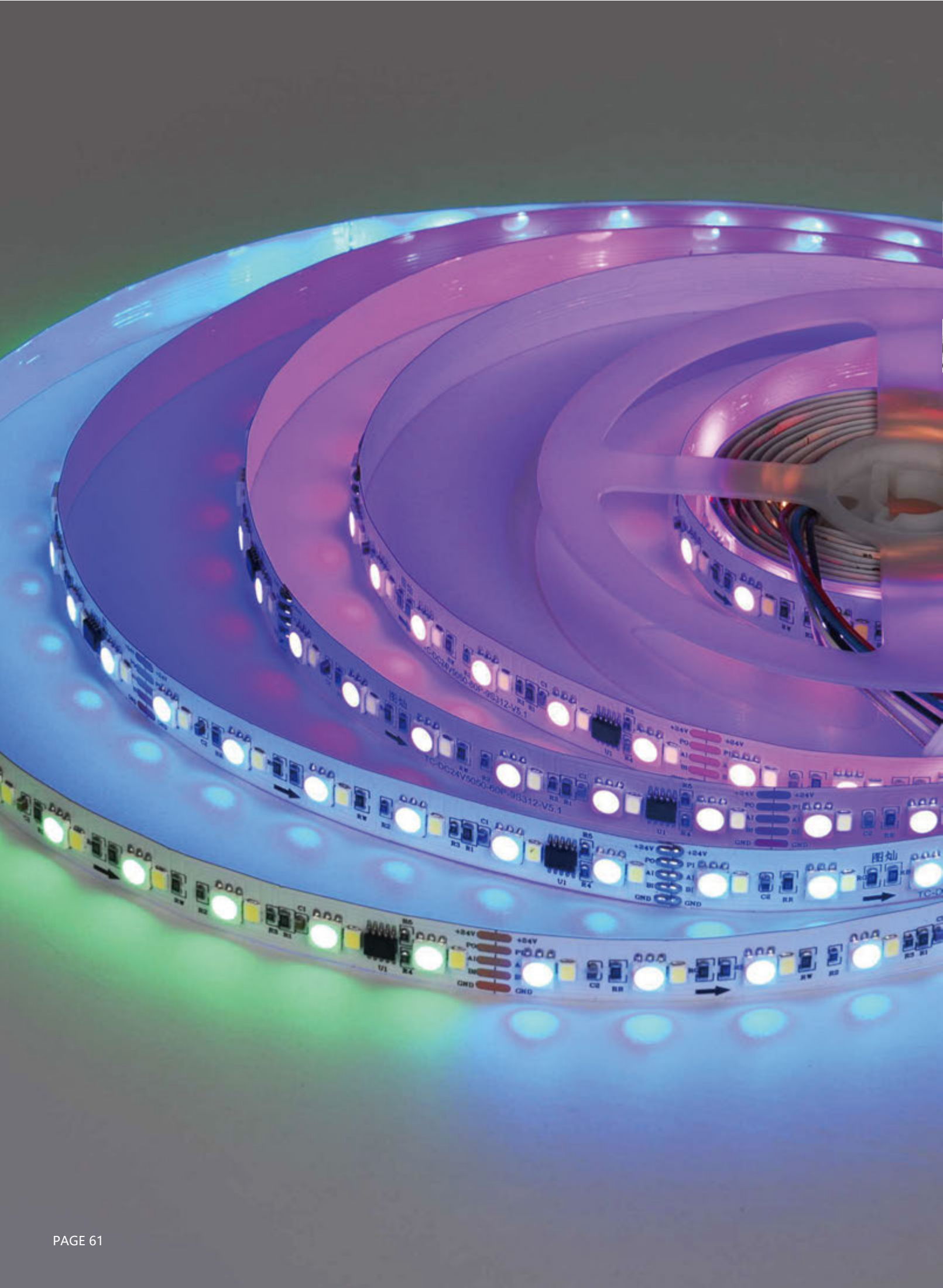
Remarks: The optical parameters of the above products are based on the rated power, and the average range value is obtained by multiple multi-directional measurements. When it is less than the rated power, the luminous efficiency and luminous flux parameters are different.

Application

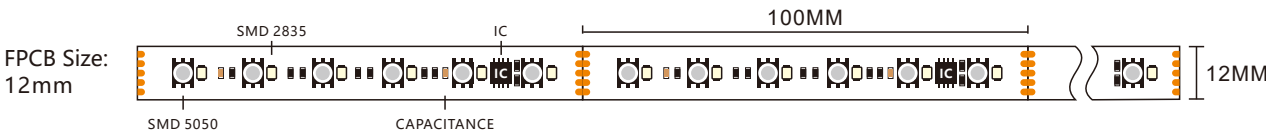
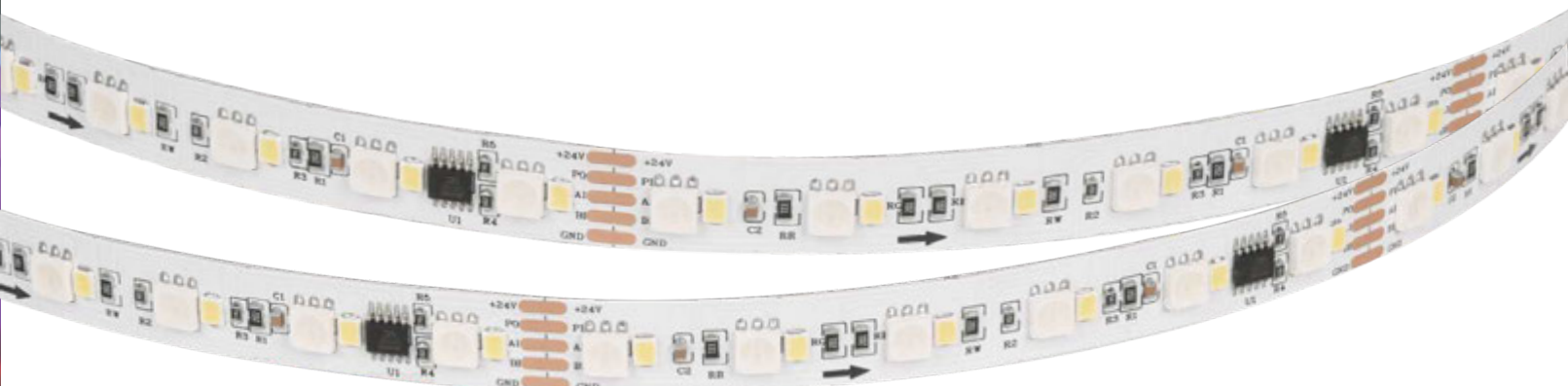
Smart building, smart home, hotel lobby, shopping mall, banquet hall and other places. Light source in intelligent soft film lamp, profile lamp and other lighting equipment.







TC -H9S-DC24V-5050+2835-120P  
(FPCB:12mm)



**Key features:**  
Adopt SMD5050 led with high brightness and large light-emitting surface, 60pcs LED color light sources + 60pcs individual SMD2835 high bright LED per meter. The light source combination is flexible and convenient, the light color is pure, delicate and bright, the light source arrangement is moderate, the power consumption is relatively low, the light distribution is uniform, and the light mixing effect is very good. 12mm wide and 35 + 70um copper thick circuit board, DC24V working voltage makes it have quite excellent circuit board voltage drop. There are 10 pixel units per meter, international standard DMX512 genuine drive IC chip, 512 high gray level, which can match all mainstream lighting control systems on the market. Stable performance with long-time working time.

Protection process:

IP65

High permeability silicone sheath

IP65

Hollow silicone extrusion

IP67

Solid silicone extrusion

Specifications



Product No.	Working voltage	Power	LED type	LED Q' ty/m	CT/wavelength	Driver	Grey scale
H9SN31224502860	DC24V	18W/m	SMD5050+2835	120PCS/m	R:620~625 G:515~520 B:450~455 W:Ra90+	TM512AC	512

Remarks: The optical parameters of the above products are based on the rated power, and the average range value is obtained by multiple multi-directional measurements. When it is less than the rated power, the luminous efficiency and luminous flux parameters are different.

Application

Smart building, smart home, hotel lobby, shopping mall, banquet hall and other places. Light source in intelligent soft film lamp, profile lamp and other lighting equipment.





# Magnetic Combination Lighting System



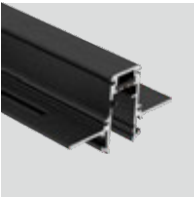




## Product review-14 Series Magnetic Lighting System

### Track

Recess



TS-GD6236Y

Suspend/  
Surface mount



TS-GD2345D

### Lighting

Spot light



TS-SD142265/3W



TS-SD143463/5W

Pendant light



TS-DXD146068/5W

Linear spotlight



TS-GSD1469/L151/T5W



TS-GSD1469/L223/T7W



TS-GSD1430/L151/5W



TS-GSD1430/L295/10W



TS-GSD1430/L512/17W

Linear light



TS-PMD1469/L151/T5W



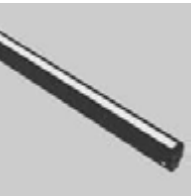
TS-PMD1469/L223/T7W



TS-PMD1430/L151/5W



TS-PMD1430/L295/10W



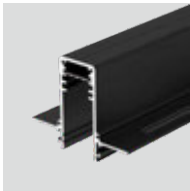
TS-PMD1430/L512/17W





Product review-21 Series Magnetic Lighting System

Track



Recess

TS-GD7055Y

Lighting

Spot light



TS-SD212265/3W



TS-SD213463/5W



TS-SD2134100/8W

Pendant light



TS-DXD216068/5W



TS-DXD217570/5W/A



TS-DXD217568/5W/B



TS-DXD2125300/5W

Linear spotlight



TS-GSD2145/  
L222/10W



TS-GSD21106/  
L222/T10W  
180° adjustable

Linear light



TS-PMD2145/  
L243/8W



TS-PMD2145/  
L485/16W



TS-PMD2145/  
L965/32W



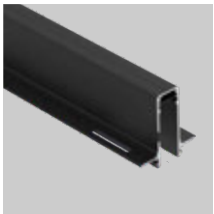
TS-PMD21106/  
L243/T8W  
180° adjustable



Product review-22 Series Magnetic Lighting System

Track

Recess



TS-GD7075Y/G

Lighting

Spot light



TS-SD2265/3W



TS-SD223463/5W



TS-SD2234100/8W

Pendant light



TS-DXD2225300/5W



TS-DXD226068/5W



TS-DXD227570/5W/A



TS-DXD227568/5W/B

Linear spotlight



TS-GSD22155/  
L220/T12W/G

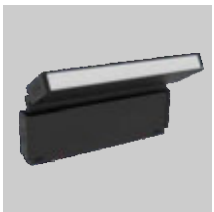


TS-GSD2265/  
L220/12W/G

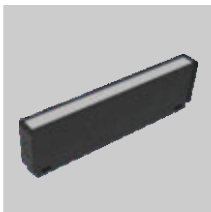


TS-GSD2265/  
L545/25W/G

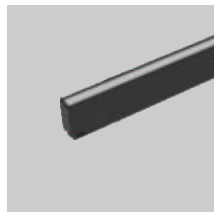
Linear light



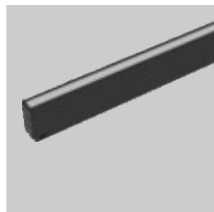
TS-PMD22155/  
L247/T8W/G



TS-PMD2265/  
L247/8W/G



TS-PMD2265/  
L485/16W/G



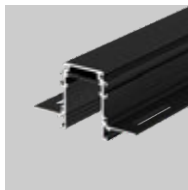
TS-PMD2265/  
L965/30W/G



Product review-34 Series Magnetic Lighting System

Track

Recess



TS-GD10057Y/J  
2020



TS-GD11857Y/J  
Single-layer fixed board

Suspend/  
Surface mount



TS-GD4460D/J

Lighting

Spot light



TS-SD3463/  
5W



TS-SD34100/  
8W



TS-SD34150/  
10W



TS-SD3464120/  
15W



TS-SD3464140/  
18W



TS-SD3464160/  
22W

Pendant light



TS-DXD34200/  
5W

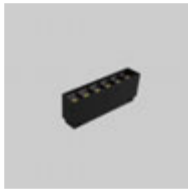


TS-DXD3475100/  
5W



TS-DXD34113132/12W

Linear spotlight



TS-GSD3447/  
L162/6W/J



TS-GSD3447/  
L322/12W/J

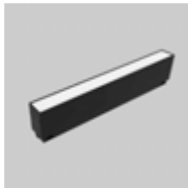


TS-GSD34118/  
L162/T6W/J  
180° adjustable

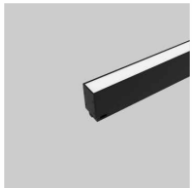


TS-GSD34118/  
L322/T12W/J  
180° adjustable

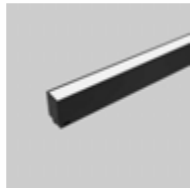
Linear light



TS-PMD3447/  
L342/15W/J



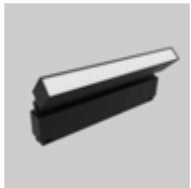
TS-PMD3447/  
L505/20W/J



TS-PMD3447/  
L1002/40W/J



TS-PMD34118/  
L178/T8W/J  
180° adjustable



TS-PMD34118/  
L342/T15W/J  
180° adjustable





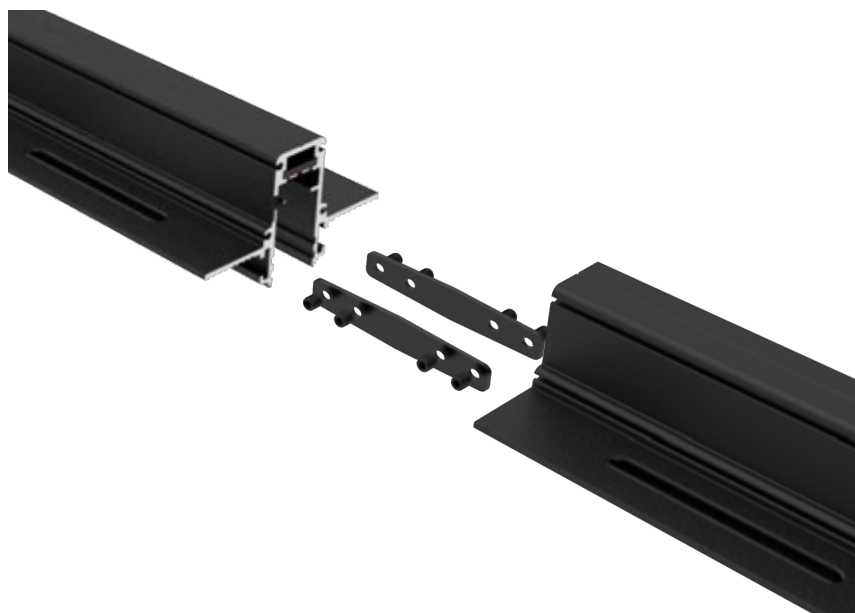


## 14 Series Magnetic Lighting System

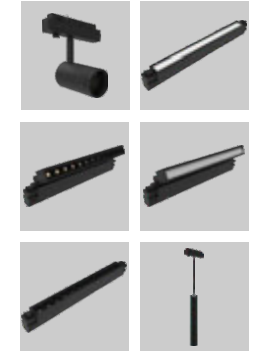




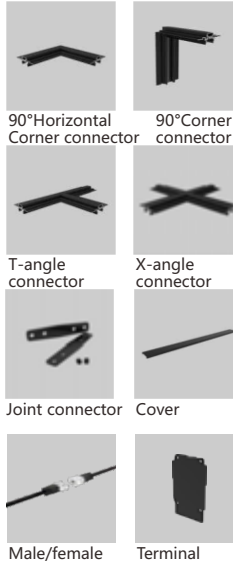
Product name: 14 Series Magnetic Recessed Track  
 Product No.: TS-GD6236Y/L1000  
 Installation type: Recess  
 Product size: W62\*H36mm  
 Standard specification: L500/1000/2000mm  
 Control: Single control  
 Material : 6063 aluminium  
 Color: Black/White  
 Hole dimension: W30\*H40mm  
 IP rate: IP20  
 Ceiling thickness: 9mm



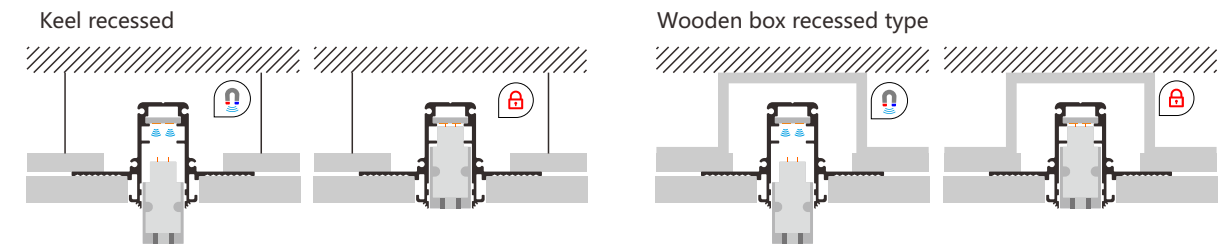
Applicable lamps



Applicable accessories

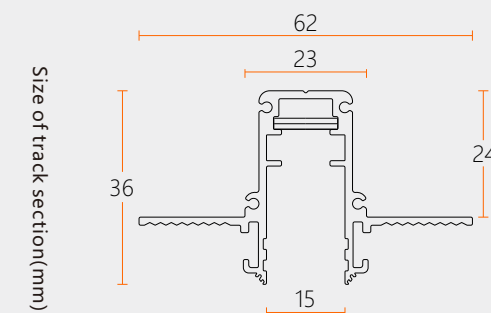


## Installation method



Please check below for further installation method  
 Magnetic between track and lamp  
 Locked by mechanical buckle, more firm

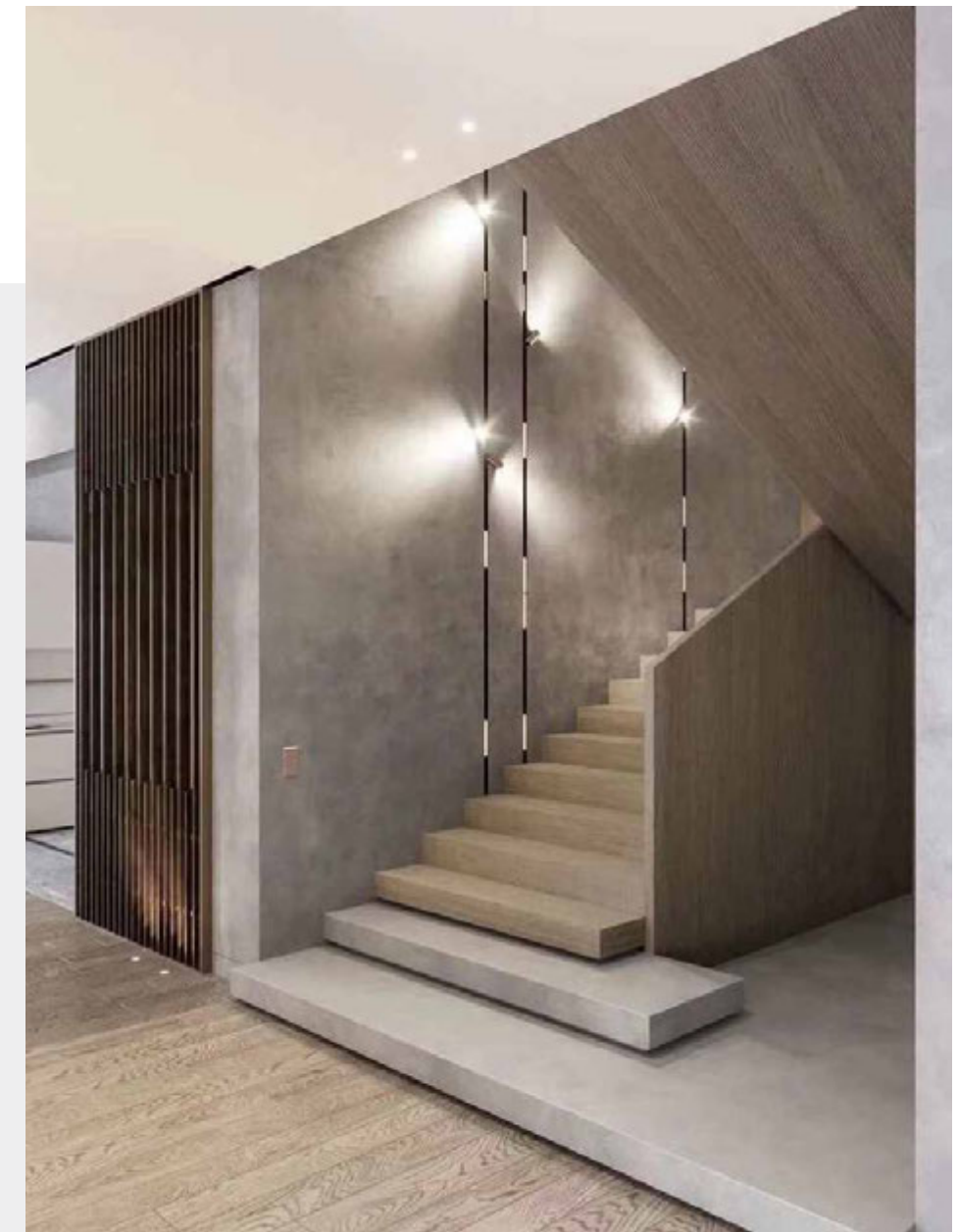
The track is installed before the ceiling installation



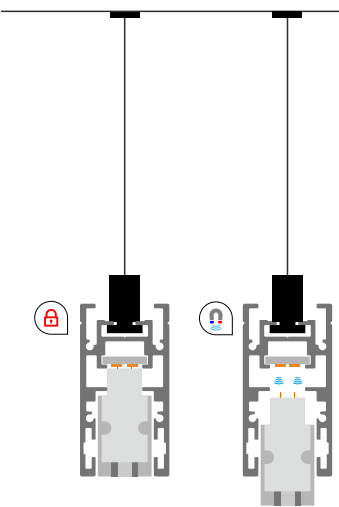
- The height of cutting hole is the height from the top of the track to the fixed plate + 10mm for power supply line space + 5mm for wiring male and female plug space
- The width of cutting hole is the maximum size of recessed track + 5mm movable space

## Touch freely

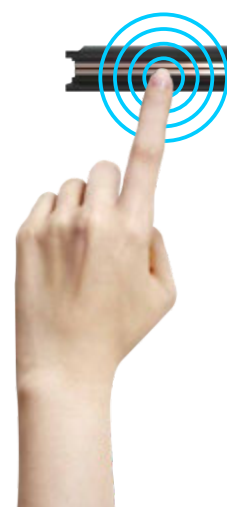
24V safety voltage is adopted, which can be touched freely when 24V voltage is on.







Installation method



## Touch freely

24V safety voltage is adopted, which can be touched freely when 24V voltage is on.

Please check below for further installation method

Magnetic between track and lamp

Locked by mechanical buckle, more firm

Applicable accessories

90°Horizontal Corner connector	90°Corner connector	Joint connector	Two-wire pin
T-angle connector	X-angle connector	Suspend accessories	Terminal

Applicable lamps




Product name: 14 Series Magnetic Suspended Track

Product No.: TS-GD2345D/L1000

Installation type: Suspend/Surface mount

Product size: W23\*H45mm

Standard specification: L1000/1500/2000mm

Control: Single control

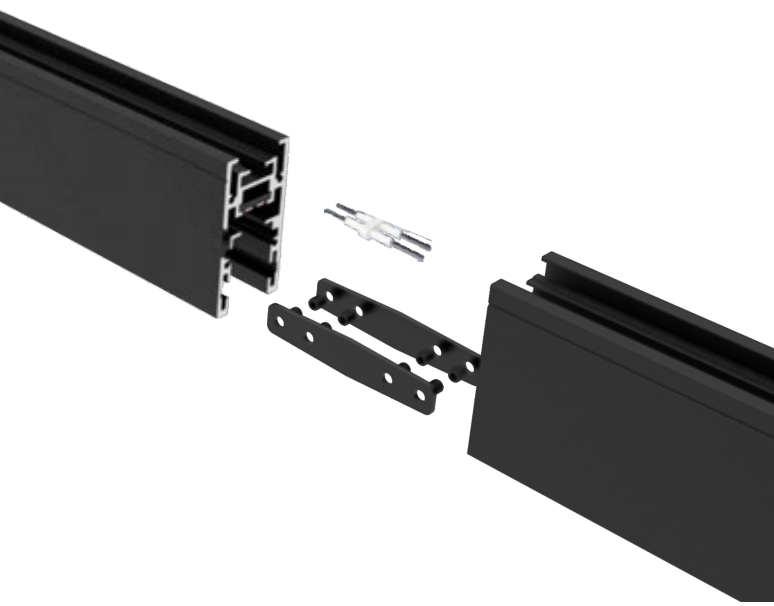
Material : 6063 aluminium

Color: Black/White

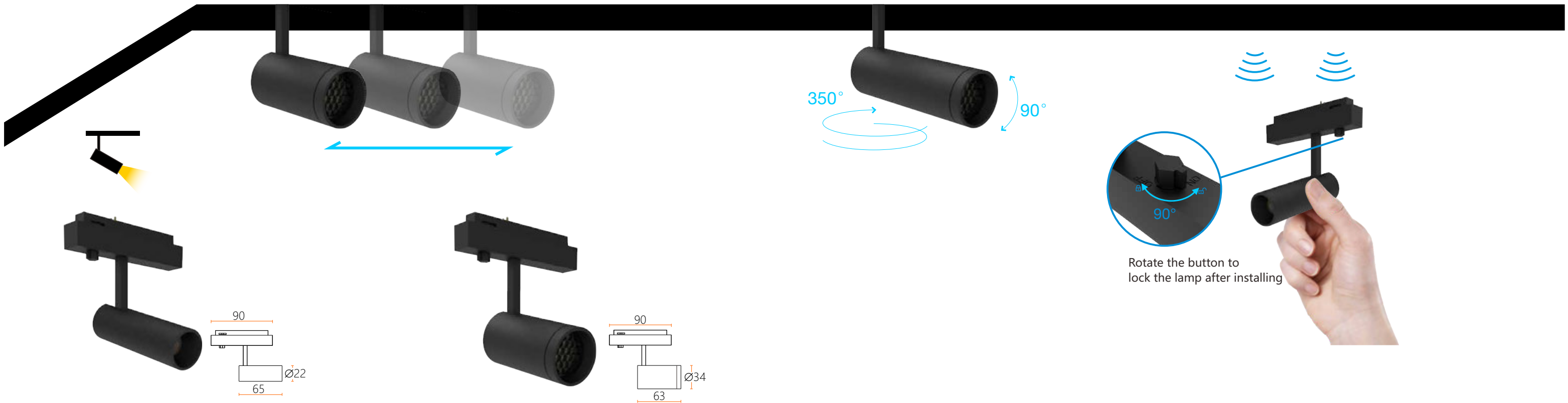
IP rate: IP20



Size of track section(mm)







Product name: 14 Series magnetic spot light  
 Product no.: TS-SD142265/3W  
 Size: Ø22\*L65mm  
 Material: 6063 aluminum  
 Color: Black/White  
 IP rate: IP20  
 Dimmable: Support  
 Light source: Osram  
 Voltage: DC24V  
 Power: 3W  
 Color Temperature : 2700K/3000K/4000K  
 CRI: ≥90  
 Beam angle: 15°/24°

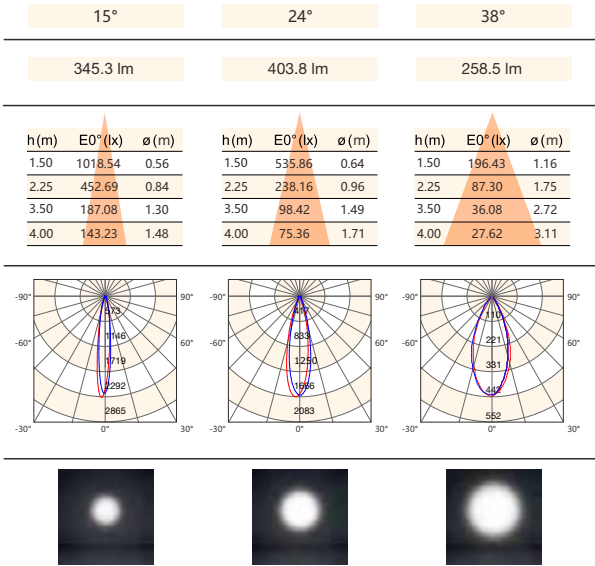
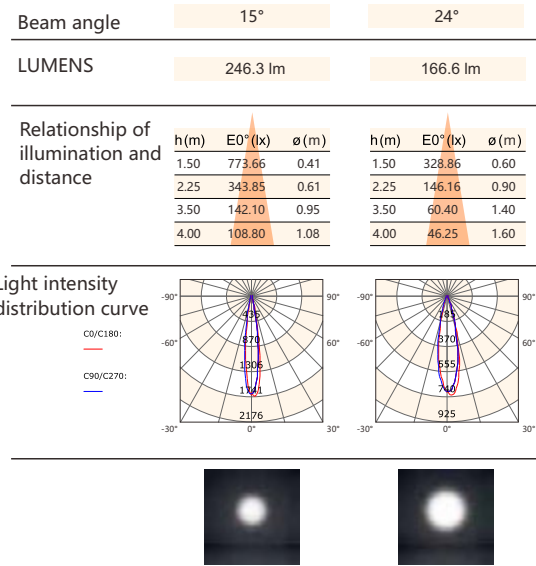
Product name: 14 Series magnetic spot light  
 Product no.: TS-SD143463/5W  
 Size: Ø34\*L63mm  
 Material: 6063 aluminum  
 Color: Black/White  
 IP rate: IP20  
 Dimmable: Support  
 Light source: Honourtek/Luminus  
 Voltage: DC24V  
 Power: 5W  
 Color Temperature: 2700K/3000K/4000K  
 CRI: ≥90  
 Beam angle: 15°/24°/38°



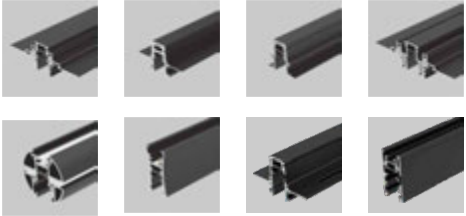
Rotate the button to lock the lamp after installing

- Dimmable
- Easy to install
- High efficiency
- flicker-free
- Energy saving
- Famous troops design
- Eco-Friendly Material

Optical parameters



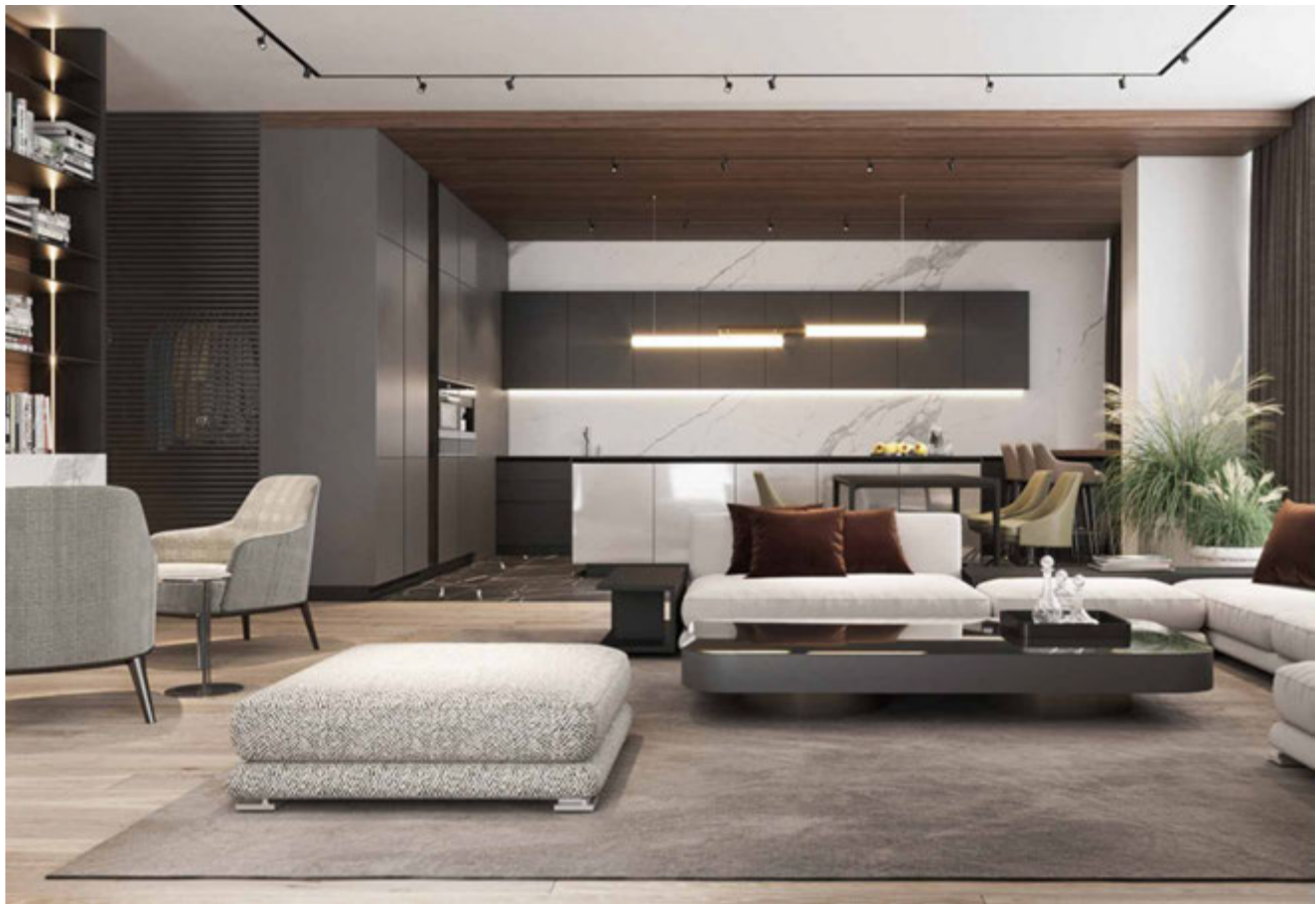
Applicable Track  
(14 Series Track)



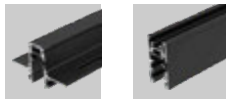
Color temperature comparison legend







Applicable Track  
(14 Series Track)

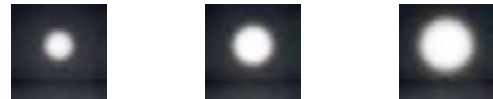
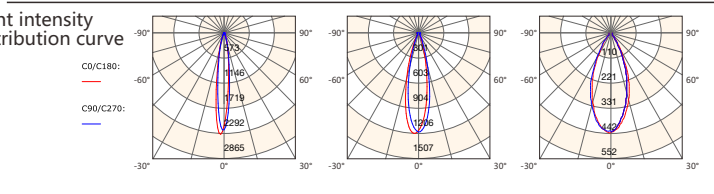


Product name: 14 Series magnetic Pendant light  
Product no.: TS-DXD146068/5W  
Size: Ø60\*68mm  
Material: 6063 aluminum  
Color: Black/Red/Green  
IP rate: IP20  
Dimmable: Support  
Light source: Honourtek/Luminus  
Voltage: DC24V  
Power: 5W  
Color Temperature: 2700K/3000K/4000K  
CRI: ≥90  
Beam angle: 15°/24°/38°

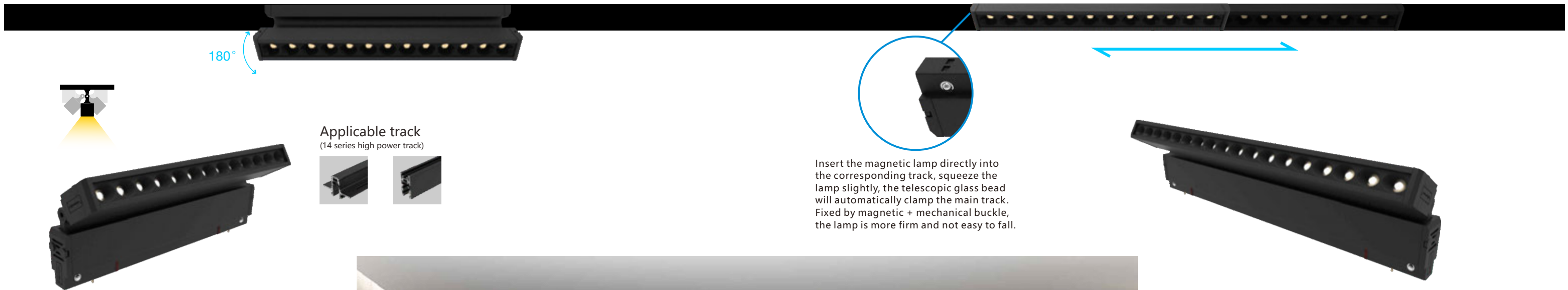
Optical parameters

Beam angle	15°	24°	38°
LUMENS	345.3 lm	243.5 lm	258.5 lm

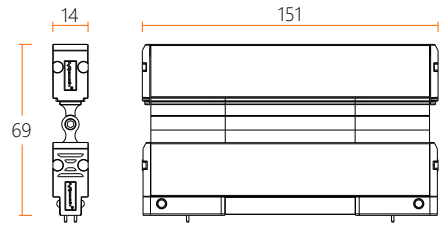
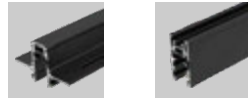
Relationship of illumination and distance	h(m)	E0°(lx)	ø(m)	h(m)	E0°(lx)	ø(m)	h(m)	E0°(lx)	ø(m)
	1.50	1018.54	0.56	1.50	535.86	0.64	1.50	196.43	1.16
	2.25	452.69	0.84	2.25	238.16	0.96	2.25	87.30	1.75
	3.50	187.08	1.30	3.50	98.42	1.49	3.50	36.08	2.72
	4.00	143.23	1.48	4.00	75.36	1.71	4.00	27.62	3.11







Applicable track  
(14 series high power track)

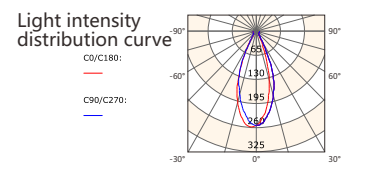


Product name: 14 Series magnetic 180°adjustable led linear spotlight  
 Product no.: TS-GSD1469/L151/T5W  
 Size: L151\*W14\*H69mm  
 Material: 6063 aluminum  
 Color: Black/White  
 IP rate: IP20  
 Dimmable: Support  
 Light source: Osram  
 Voltage: DC24V  
 Power: 5W  
 Color Temperature: 2700K/3000K/4000K  
 CRI: ≥90  
 Beam angle: 30°

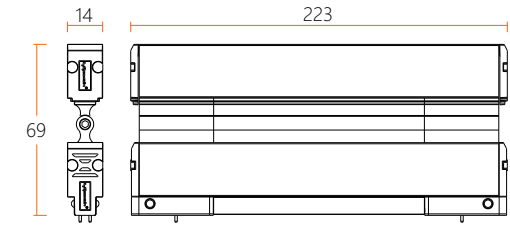
### Optical parameters

Beam angle	24°
LUMENS	156.7 lm

Relationship of illumination and distance	h(m)	E0°(lx)	ø(m)
	1.50	115.52	1.00
	2.25	51.34	1.51
	3.50	21.22	2.34
	4.00	16.25	2.68



### Color temperature comparison legend

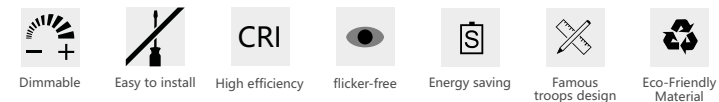
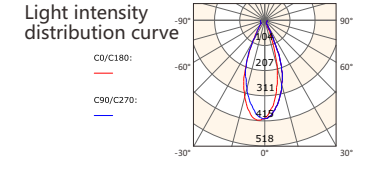


Product name: 14 Series magnetic 180°adjustable led linear spotlight  
 Product no.: TS-GSD1469/L223/T7W  
 Size: L223\*W14\*H69mm  
 Material: 6063 aluminum  
 Color: Black/White  
 IP rate: IP20  
 Dimmable: Support  
 Light source: Osram  
 Voltage: DC24V  
 Power: 7W  
 Color Temperature: 2700K/3000K/4000K  
 CRI: ≥90  
 Beam angle: 30°

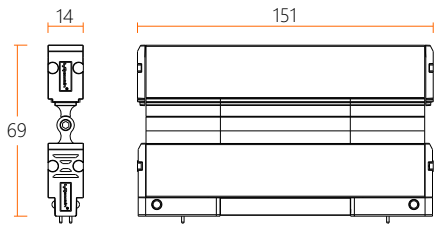
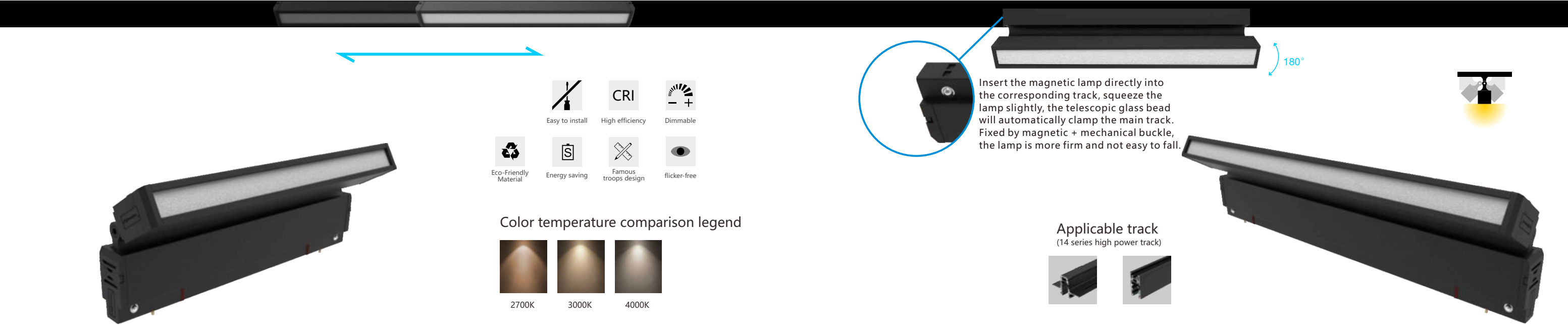
### Optical parameters

Beam angle	24°
LUMENS	205.5 lm

Relationship of illumination and distance	h(m)	E0°(lx)	ø(m)
	1.50	115.52	0.99
	2.25	51.34	1.48
	3.50	21.22	2.30
	4.00	16.25	2.65



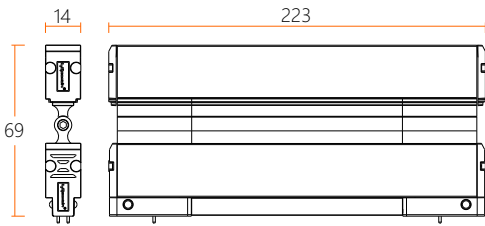
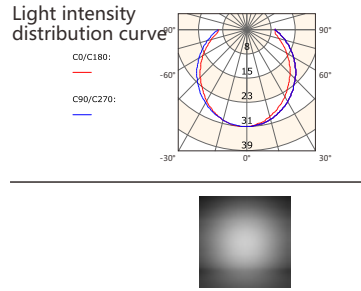




Product name: 14 Series magnetic 180°adjustable led linear light  
Product no.: TS-PMD1469/L151/T5W  
Size: L151\*W14\*H69MM  
Material: 6063 aluminum  
Color: Black/White  
IP rate: IP20  
Dimmable: Support  
Light source: Osram  
Voltage: DC24V  
Power: 5W  
Color Temperature: 2700K/3000K/4000K  
CRI: ≥90  
Beam angle: 100°

Optical parameters

Beam angle	100°	
LUMENS	105.2 lm	
Relationship of illumination and distance		
h(m)	E0°(lx)	ø(m)
1.50	13.71	4.82
2.25	6.09	7.23
3.50	2.52	11.25
4.00	1.93	12.86



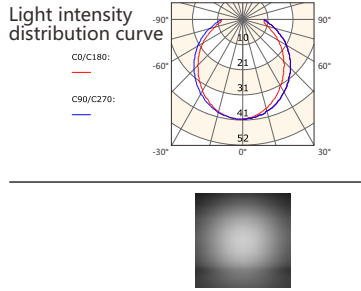
Product name: 14 Series magnetic 180°adjustable led linear light  
Product no.: TS-PMD1469/L223/T7W  
Size: L223\*W14\*H69MM  
Material: 6063 aluminum  
Color: Black/White  
IP rate: IP20  
Dimmable: Support  
Light source: Osram  
Voltage: DC24V  
Power: 7W  
Color Temperature: 2700K/3000K/4000K  
CRI: ≥90  
Beam angle: 100°

Optical parameters

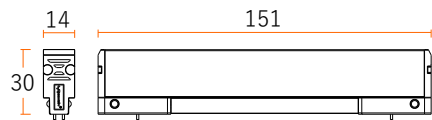
Beam angle	100°
LUMENS	129.0 lm

---

Relationship of illumination and distance		
h (m)	E0° (lx)	ø (m)
1.50	18.44	4.05
2.25	8.20	6.07
3.50	3.39	9.44
4.00	2.59	10.79



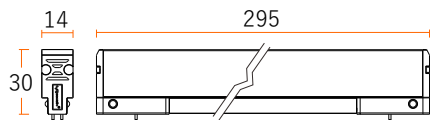
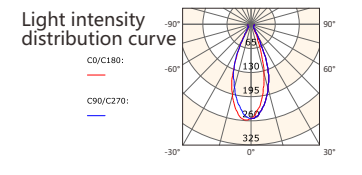




Product name: 14 Series magnetic led linear spotlight  
Product no.: TS-GSD1430/L151/5W  
Size: L151\*W14\*H30mm  
Material: 6063 aluminum  
Color: Black/White  
IP rate: IP20  
Dimmable: Support  
Light source: Osram  
Voltage: DC24V  
Power: 5W  
Color Temperature: 2700K/3000K/4000K  
CRI: ≥90  
Beam angle: 30°

### Optical parameters

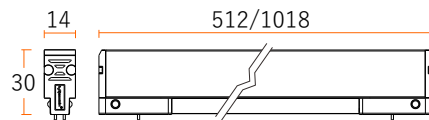
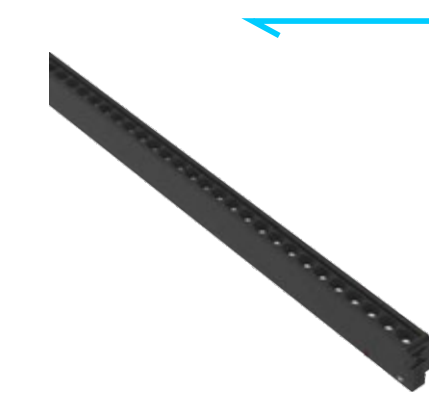
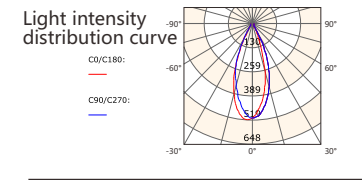
Beam angle	24°	
LUMENS	156.7 lm	
Relationship of illumination and distance		
h(m)	E0°(lx)	ø(m)
1.50	115.52	1.00
2.25	51.34	1.51
3.50	21.22	2.34
4.00	16.25	2.68



Product name: 14 Series magnetic led linear spotlight  
Product no.: TS-GSD1430/295/10W  
Size: L295\*W14\*H30mm  
Material: 6063 aluminum  
Color: Black/White  
IP rate: IP20  
Dimmable: Support  
Light source: Osram  
Voltage: DC24V  
Power: 10W  
Color Temperature: 2700K/3000K/4000K  
CRI: ≥90  
Beam angle: 30°

### Optical parameters

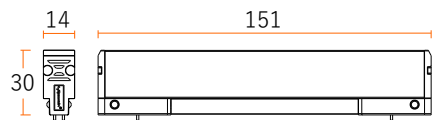
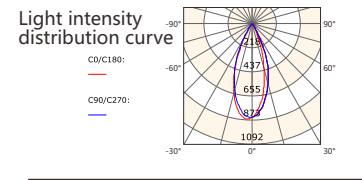
Beam angle	24°	
LUMENS	254.2 lm	
Relationship of illumination and distance		
h(m)	E°(lx)	ø(m)
1.50	230.55	0.98
2.25	102.47	1.46
3.50	42.35	2.28
4.00	32.42	2.60



Product name: 14 Series magnetic led linear spotlight  
Product no.: TS-GSD1430/L512/17W  
Size: L512\*W14\*H30mm  
Material: 6063 aluminum  
Color: Black/White  
IP rate: IP20  
Dimmable: Support  
Light source: Osram  
Voltage: DC24V  
Power: 17W/32W  
Color Temperature: 2700K/3000K/4000K  
CRI: ≥90  
Beam angle: 30°

### Optical parameters

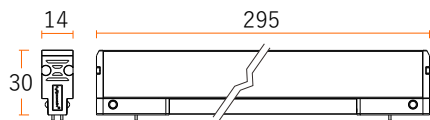
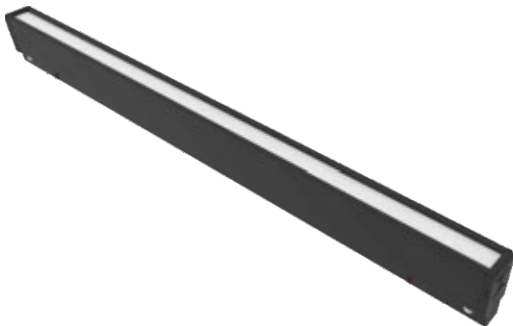
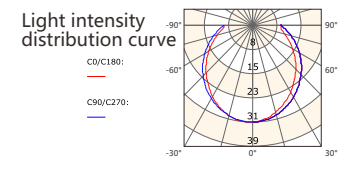
Beam angle	24°		
LUMENS	398.1 lm		
Relationship of illumination and distance			
h(m)	E0°(lx)	ø(m)	
1.50	388.12	0.97	
2.25	172.50	1.45	
3.50	71.29	2.26	
4.00	54.58	2.58	



Product name: 14 Series magnetic led linear light  
Product no.: TS-PMD1430/L151/5W  
Size: L151\*W14\*H30mm  
Material: 6063 aluminum  
Color: Black/White  
IP rate: IP20  
Dimmable: Support  
Light source: Osram  
Voltage: DC24V  
Power: 5W  
Color Temperature: 2700K/3000K/4000K  
CRI: ≥90  
Beam angle: 100°

### Optical parameters

Beam angle	100°		
LUMENS	105.2 lm		
Relationship of illumination and distance			
h(m)	E0°(lx)	ø(m)	
1.50	13.71	4.82	
2.25	6.09	7.23	
3.50	2.52	11.25	
4.00	1.93	12.86	



Product name: 14 Series magnetic led linear light  
Product no.: TS-PMD1430/L295/10W  
Size: L295\*W14\*H30mm  
Material: 6063 aluminum  
Color: Black/White  
IP rate: IP20  
Dimmable: Support  
Light source: Osram  
Voltage: DC24V  
Power: 10W  
Color Temperature: 2700K/3000K/4000K  
CRI: ≥90  
Beam angle: 100°

### Optical parameters

Beam angle

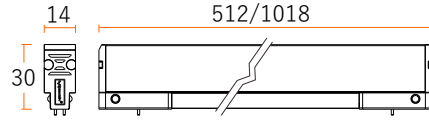
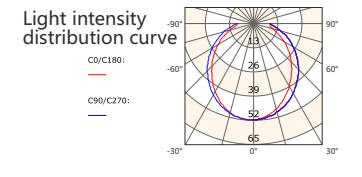
100°

LUMENS

152.0lm

Relationship of illumination and distance

h(m)	E0°(lx)	ø(m)
1.50	23.19	3.67
2.25	10.31	5.51
3.50	4.26	8.57
4.00	3.26	9.79



Product name: 14 Series magnetic led linear light  
Product no.: TS-PMD1430/L512/17W  
Size: L512\*W14\*H30mm  
Material: 6063 aluminum  
Color: Black/White  
IP rate: IP20  
Dimmable: Support  
Light source: Osram  
Voltage: DC24V  
Power: 17W/32W  
Color Temperature: 2700K/3000K/4000K  
CRI: ≥90  
Beam angle: 100°

### Optical parameters

Beam angle

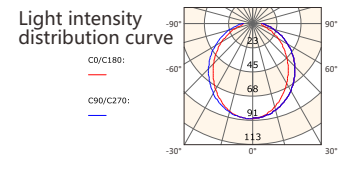
100°

LUMENS

236.2 lm

Relationship of illumination and distance

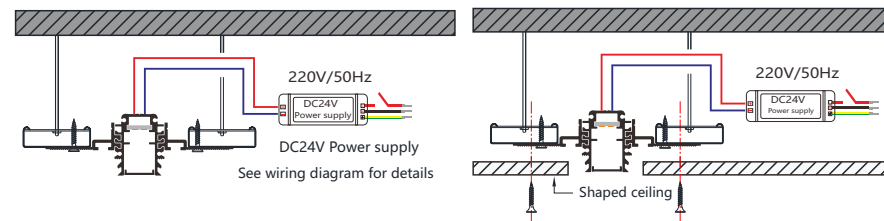
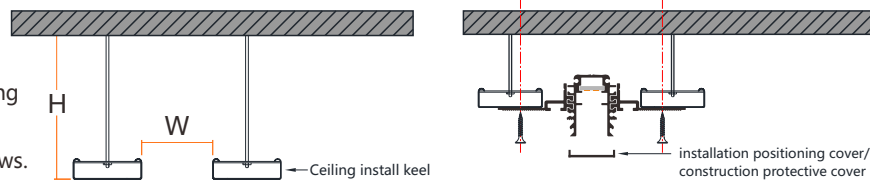
h(m)	E0°(lx)	ø(m)
1.50	40.32	3.28
2.25	17.92	4.92
3.50	7.40	7.65
4.00	5.67	8.74





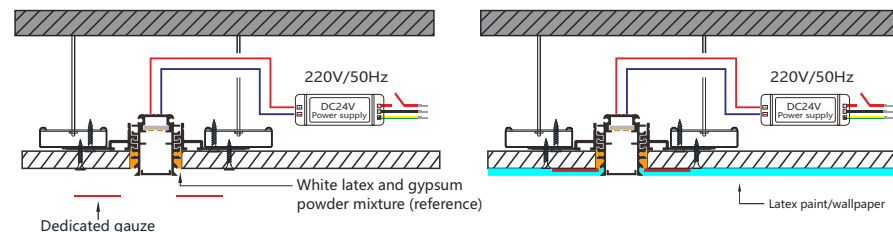
## Recessed installation method-keel structure

- 1 Reserve track installation space according to track hole cutting size.
- 2 Cover the track with "installation positioning cover or construction protective cover"; Then insert the track into the installation slot and fix the track with self tapping screws.



- 3 Connect the track power supply system (see wiring diagram for details)
- 4 Confirm that the power supply system is fully connected, and ensure that the whole track power supply is unblocked, and then install the shaped ceiling.  
(see wiring diagram for details)

- 5 Fill the gap between the track and the ceiling with white emulsion glue and gypsum powder (Reference), and then stick it with special emery cloth. After the seam is repaired, it will be dry
- 6 Finish the ceiling with emulsion paint, wallpaper or others. After finishing the ceiling, remove the installation positioning cover or construction protective cover, then install lamps and turn on the power.

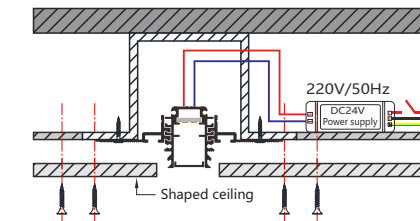
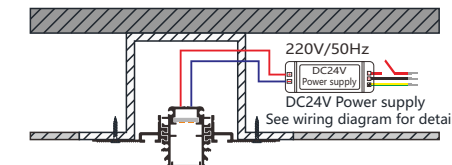
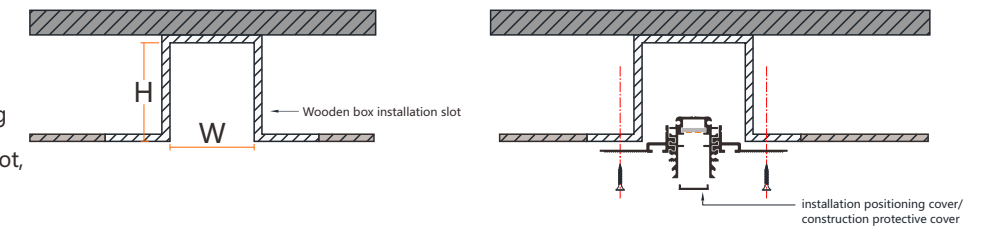


## Warning:

- The complete lighting system is powered by DC24V switching power supply. When matching the power supply, the total power of the switching power supply shall be more than 20% of the power of the lamps.
- In order to minimize the voltage drop, the installation length of lamp track is no more than 5m. 5m is a group of separate branch power supply. If necessary, 3M is recommended for a group of separate branch power supply.
- The default factory control setting of the product is the wiring mode (as shown in the figure above). If there are special requirements for the control mode, please contact and communicate with the manufacturer. Do not change the line and control mode without permission.
- Under no circumstances shall the lamp be covered by thermal insulation gasket or similar materials!

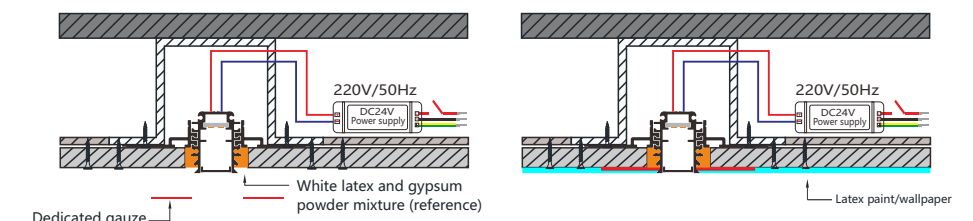
## Recessed installation method-wooden box structure

- 1 Make wooden box installation slot and reserve track installation space according to track hole cutting size.
- 2 Cover the track with "installation positioning cover or construction protection cover", fix the fabricated wooden box installation slot, insert the track into the installation slot and fix the track with self tapping screws

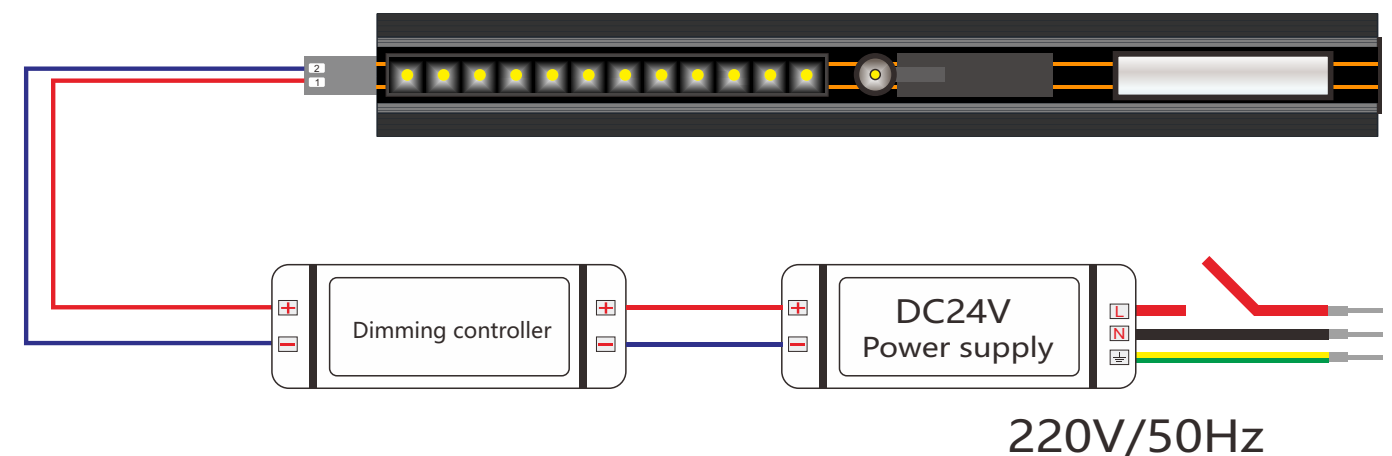


- ③ Connect the track power supply system (see wiring diagram for details)
- ④ Confirm that the power supply system is fully connected, and ensure that the whole track power supply is unblocked, and then install the shaped ceiling.

- 5 Fill the gap between the track and the ceiling with white emulsion glue and gypsum powder (Reference), and then stick it with special emery cloth. After the seam is repaired, it will be dry
- 6 Finish the ceiling with emulsion paint, wallpaper or others. After finishing the ceiling, remove the installation positioning cover or construction protective cover, then install lamps and turn on the power.



## Default factory control setting wiring method







90° Corner connector



90° Horizontal Corner connector



Terminal



Joint connector



T-angle connector



X-angle connector







Suspension accessories



Ceiling accessories



Cover



3-core power supply line



Male/female plug




Three-wire pin

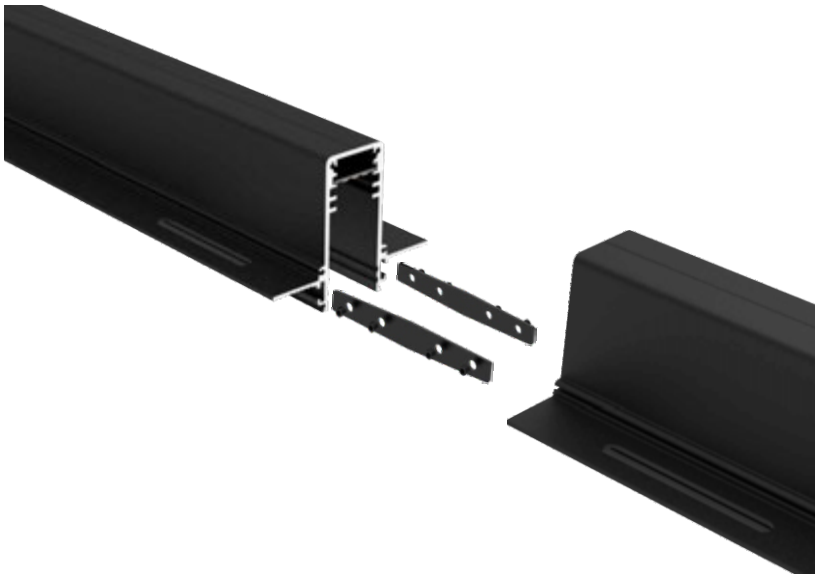


## 21 Series Magnetic Lighting System






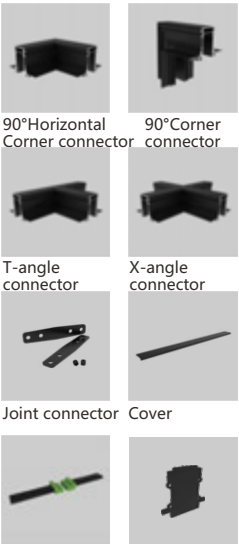
Product name: 21 Series Magnetic Recessed Track  
 Product no.: TS-GD7055Y/L1000  
 Installation type: Recess  
 Size: W70\*H55mm  
 Standard specification: L500/1000/2000mm  
 Control: Multiple control  
 Material: 6063 aluminum  
 Color: Black/White  
 Hole dimension: W35\*H60mm  
 IP rate: IP20  
 Ceiling thickness: 9mm



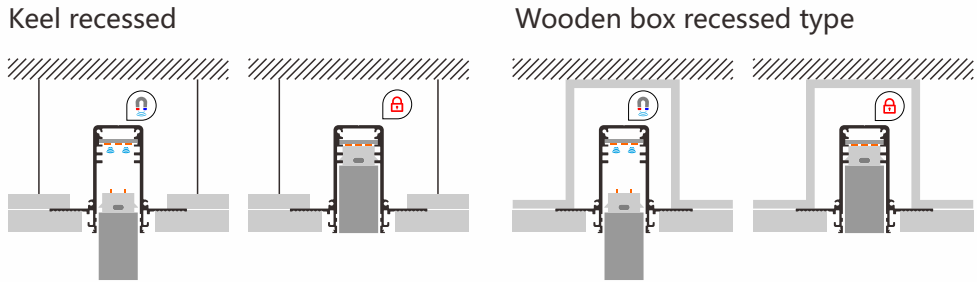
Applicable lamps



Applicable accessories

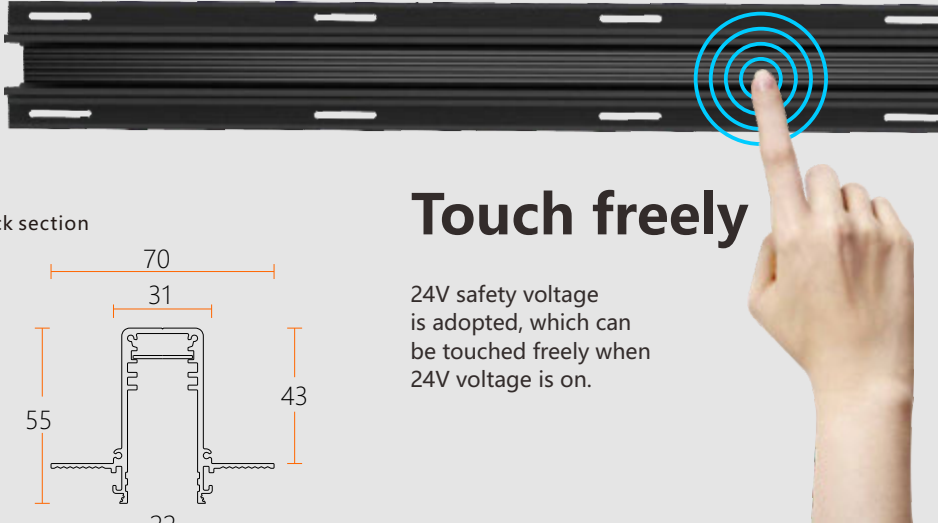


# Installation method

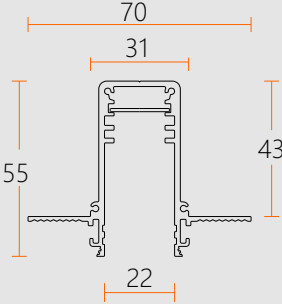


Please check below for further installation method

Magnetic between track and lamp  
 Locked by mechanical buckle, more firm



Size of track section

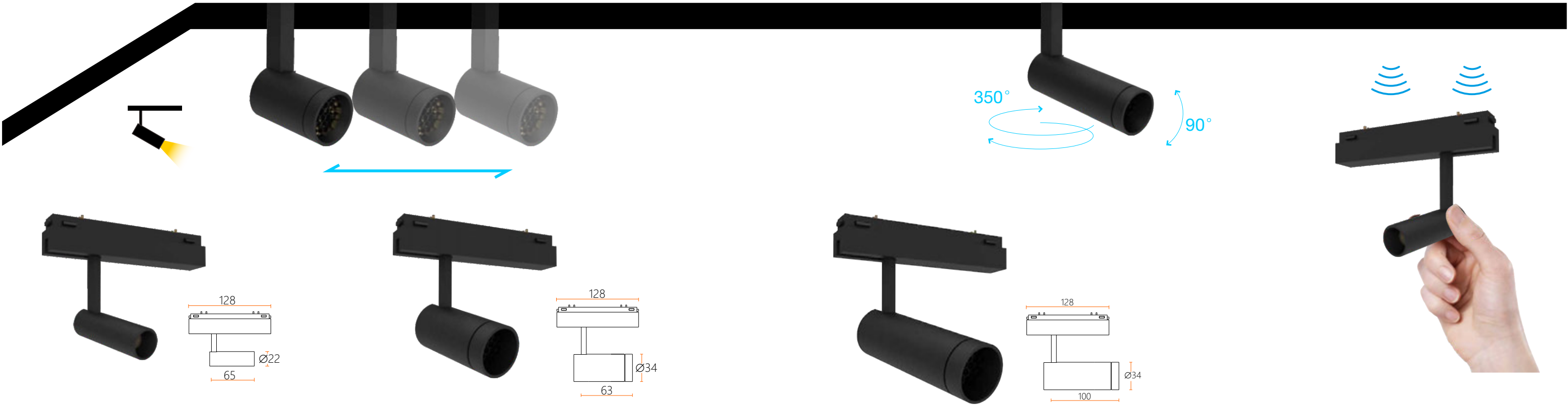


Touch freely

24V safety voltage is adopted, which can be touched freely when 24V voltage is on.



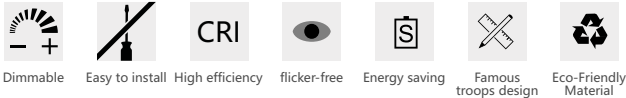




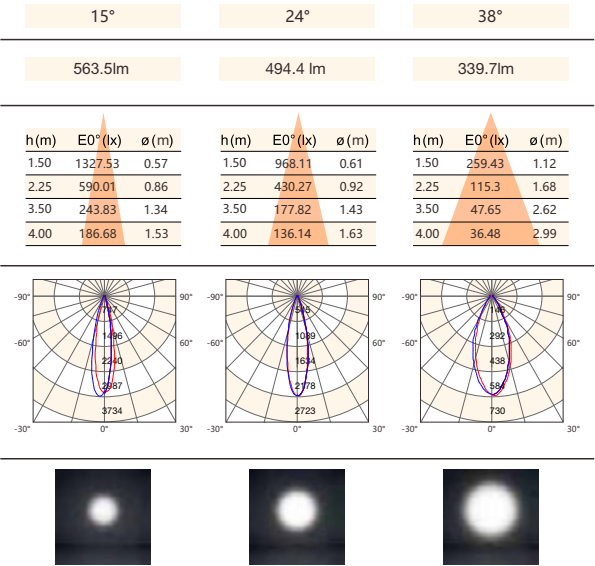
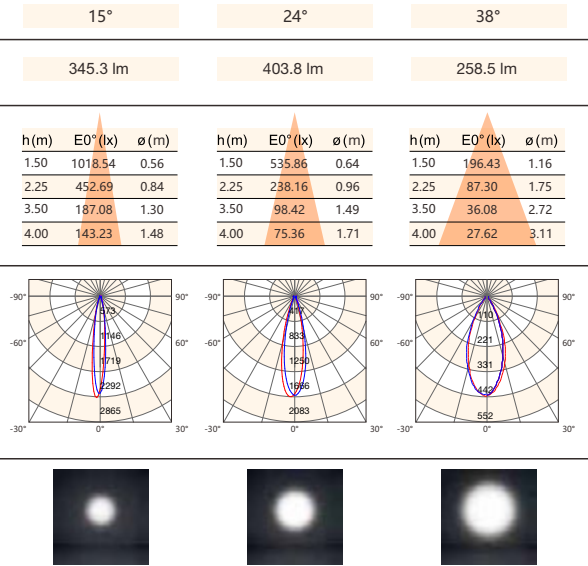
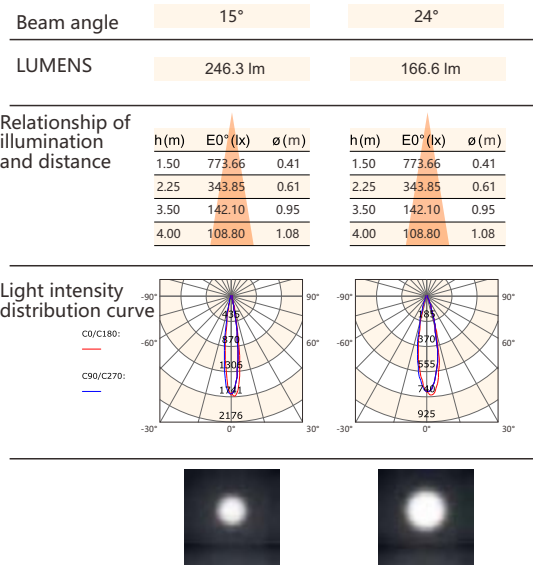
Product name: 21 Series magnetic spot light  
Product no.: TS-SD212265/3W  
Size: Ø22\*L65mm  
Material: 6063 aluminum  
Color: Black/White  
IP rate: IP20  
Dimmable: Support  
Light source: Osram  
Voltage: DC24V  
Power: 3W  
Color Temperature: 2700K/3000K/4000K  
CRI: ≥90  
Beam angle: 15°/24°

Product name: 21 Series magnetic spot light  
Product no.: TS-SD213463/5W  
Size: Ø34\*L63mm  
Material: 6063 aluminum  
Color: Black/White  
IP rate: IP20  
Dimmable: Support  
Light source: Honourtek/Luminus  
Voltage: DC24V  
Power: 5W  
Color Temperature: 2700K/3000K/4000K  
CRI: ≥90  
Beam angle: 15°/24°/38°

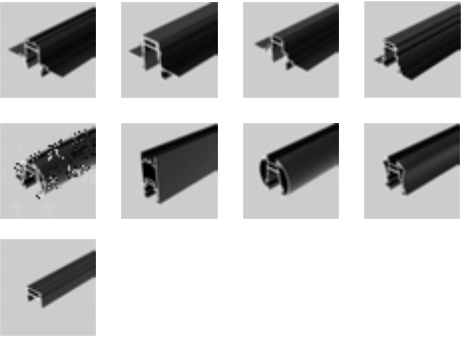
Product name: 21 Series magnetic spot light  
Product no.: TS-SD2134100/8W  
Size: Ø34\*L100mm  
Material: 6063 aluminum  
Color: Black/White  
IP rate: IP20  
Dimmable: Support  
Light source: Honourtek/Luminus  
Voltage: DC24V  
Power: 8W  
Color Temperature: 2700K/3000K/4000K  
CRI: ≥90  
Beam angle: 15°/24°/38°



Optical parameters



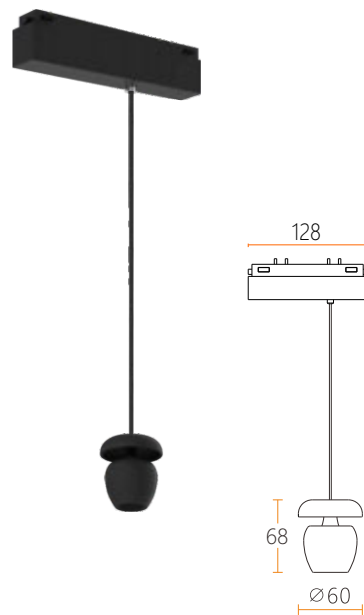
Applicable Track



Color temperature comparison legend

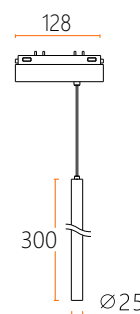
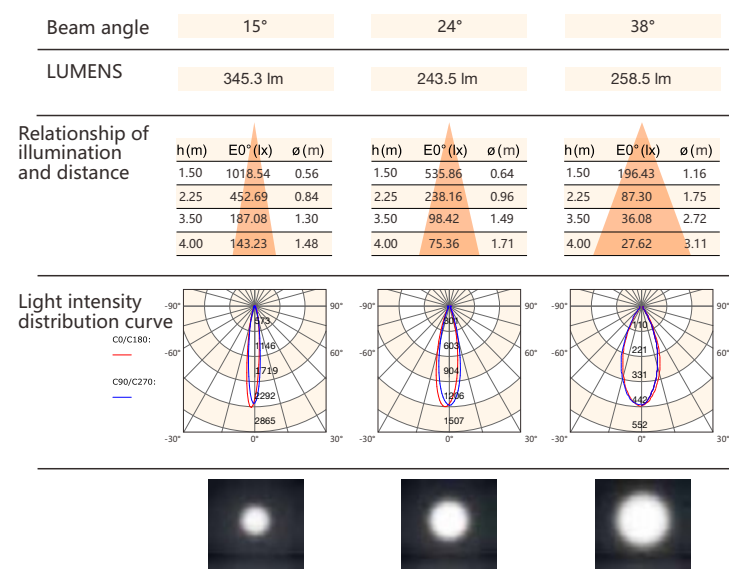




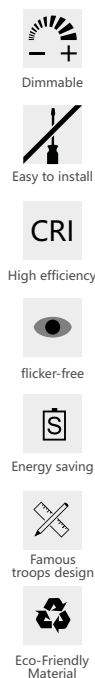
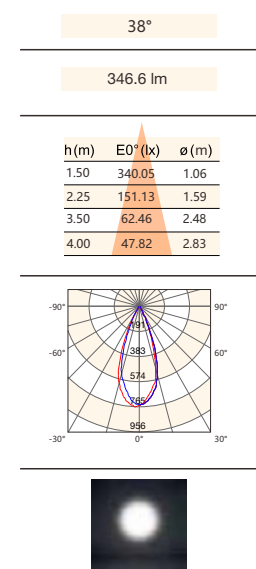


Product name: 21 Series magnetic pendant light-small  
 Product no.: TS-DXD216068/5W  
 Size: Ø60\*68mm  
 Material: 6063 aluminum  
 Color: Black/Red/Green  
 IP rate: IP20  
 Dimmable: Support  
 Light source: Honourtek/Luminus  
 Voltage: DC24V  
 Power: 5W  
 Color Temperature: 2700K/3000K/4000K  
 CRI: ≥90  
 Beam angle: 15°/24°/38°

## Optical parameters



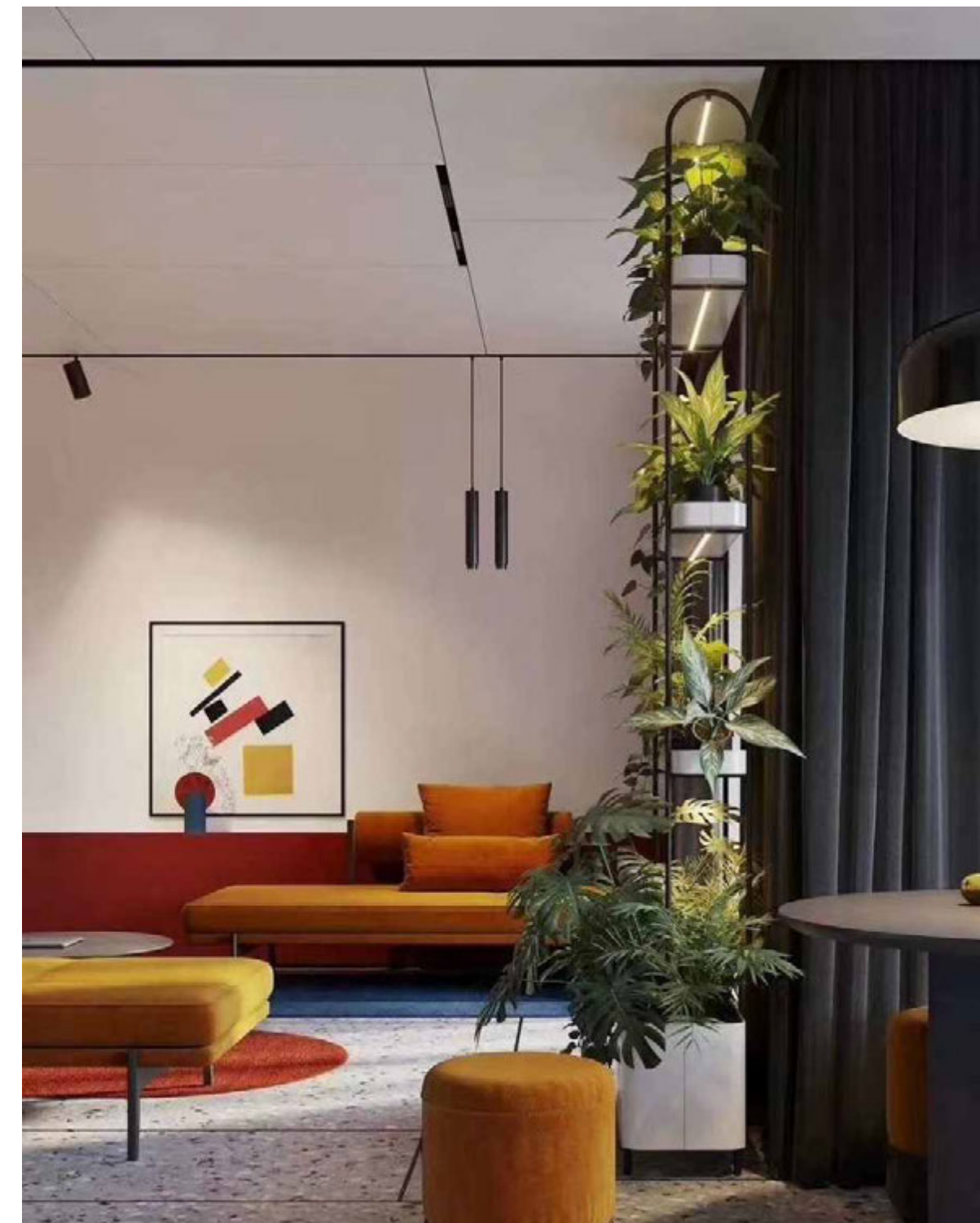
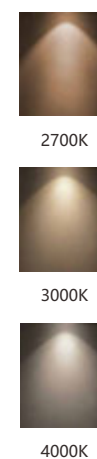
Product name: 21 Series magnetic pendant light-small  
 Product no.: TS-DXD2125300/5W  
 Size: Ø25\*300mm  
 Material: 6063 aluminum  
 Color: Black/White  
 IP rate: IP20  
 Dimmable: Support  
 Light source: Honourtek/Luminus  
 Voltage: DC24V  
 Power: 5W  
 Color Temperature: 2700K/3000K/4000K  
 CRI: ≥90  
 Beam angle: 38°



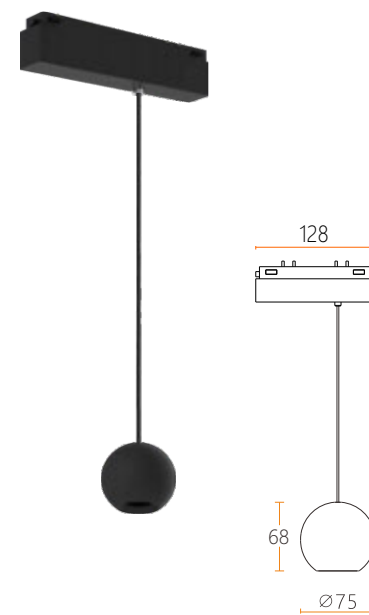
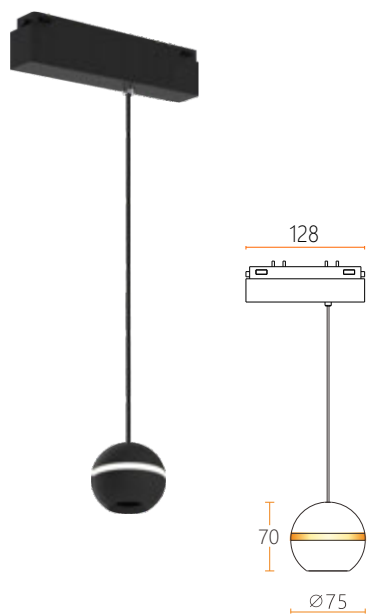
Applicable Track



Color temperature comparison legend







Product name: 21 Series magnetic pendant lamp ( side-emitting ball)  
Product no.: TS-DXD217570/5W/A  
Size: Ø75\*68mm  
Material: 6063 aluminum  
Color: Black/Red/Green  
IP rate: IP20  
Dimmable: Support  
Light source: Honourtek/Luminus  
Voltage: DC24V  
Power: 5W/8W  
Color Temperature: 2700K/3000K/4000K  
CRI: ≥90  
Beam angle: 15°/24°/38°

#### Applicable Track



Product name: 21 Series magnetic pendant lamp  
Product no.: TS-DXD217568/5W/B  
Size: Ø75\*68mm  
Material: 6063 aluminum  
Color: Black/Red/Green  
IP rate: IP20  
Dimmable: Support  
Light source: Honourtek/Luminus  
Voltage: DC24V  
Power: 5W/8W  
Color Temperature: 2700K/3000K/4000K  
CRI: ≥90  
Beam angle: 15°/24°/38°

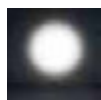
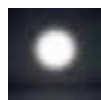
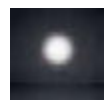
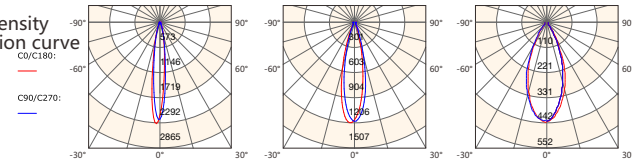
#### Optical parameters

Beam angle	15°	24°	38°
LUMENS	345.3 lm	243.5 lm	258.5 lm

#### Relationship of illumination and distance

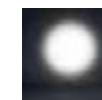
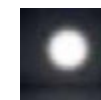
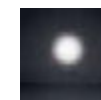
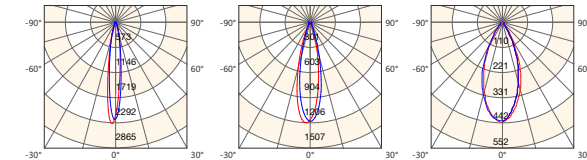
h(m)	E0°(lx)	ø (m)	h(m)	E0°(lx)	ø (m)	h(m)	E0°(lx)	ø (m)
1.50	1018.54	0.56	1.50	535.86	0.64	1.50	196.43	1.16
2.25	452.69	0.84	2.25	238.16	0.96	2.25	87.30	1.75
3.50	187.08	1.30	3.50	98.42	1.49	3.50	36.08	2.72
4.00	143.23	1.48	4.00	75.36	1.71	4.00	27.62	3.11

#### Light intensity distribution curve

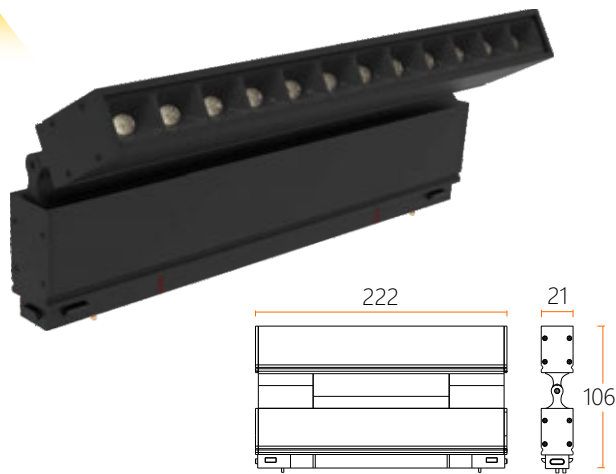


15°	24°	38°
345.3 lm	243.5 lm	258.5 lm

h(m)	E0°(lx)	ø (m)	h(m)	E0°(lx)	ø (m)	h(m)	E0°(lx)	ø (m)
1.50	1018.54	0.56	1.50	535.86	0.64	1.50	196.43	1.16
2.25	452.69	0.84	2.25	238.16	0.96	2.25	87.30	1.75
3.50	187.08	1.30	3.50	98.42	1.49	3.50	36.08	2.72
4.00	143.23	1.48	4.00	75.36	1.71	4.00	27.62	3.11





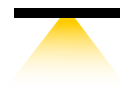
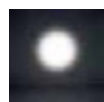
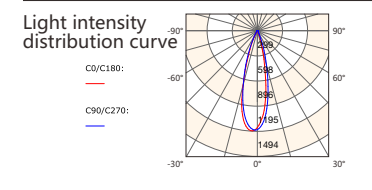


Product name: 21 Series magnetic  
180°adjustable led linear spotlight  
Product no.: TS-GSD21106/L222/T10W  
Size: L222\*W21\*H106mm  
Material: 6063 aluminum  
Color: Black/White  
IP rate: IP20  
Dimmable: Support  
Light source: Osram  
Voltage: DC24V  
Power: 10W  
Color Temperature: 2700K/3000K/4000K  
CRI: ≥90  
Beam angle: 25°

### Optical parameters

Beam angle	25°
LUMENS	554.98 lm

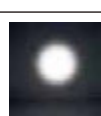
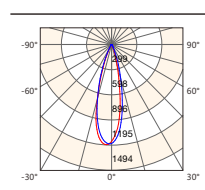
Relationship of illumination and distance	h(m)	E0°(lx)	ø(m)
	1.50	531.22	0.69
	2.25	236.10	1.04
	3.50	97.57	1.62
	4.00	74.70	1.85



Product name: 21 Series magnetic led linear spotlight  
Product no.: TS-GSD2145/L222/10W  
Size: L222\*W21\*H45mm  
Material: 6063 aluminum  
Color: Black/White  
IP rate: IP20  
Dimmable: Support  
Light source: Osram  
Voltage: DC24V  
Power: 10W  
Color Temperature: 2700K/3000K/4000K  
CRI: ≥90  
Beam angle: 25°

Beam angle	25°
LUMENS	554.98 lm

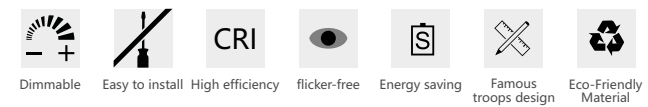
Relationship of illumination and distance	h(m)	E0°(lx)	ø(m)
	1.50	531.22	0.69
	2.25	236.10	1.04
	3.50	97.57	1.62
	4.00	74.70	1.85



180°



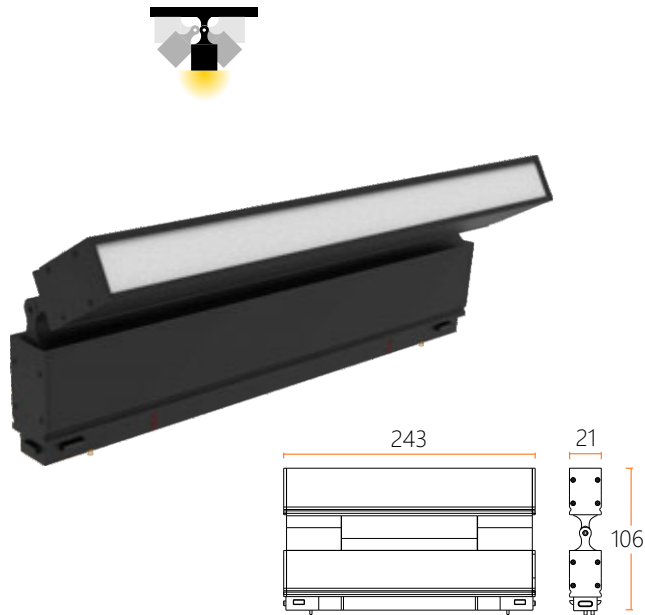
### Color temperature comparison legend



### Applicable Track







Applicable Track

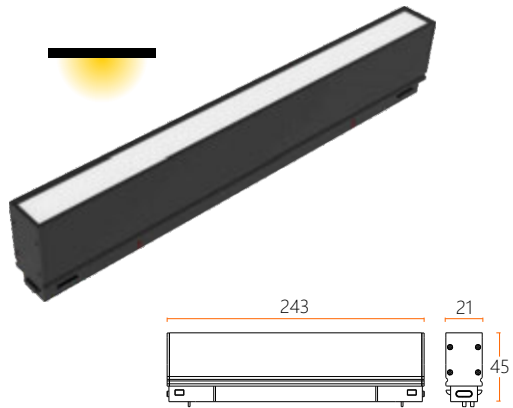
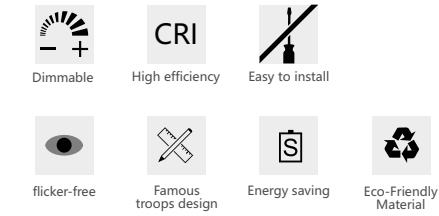
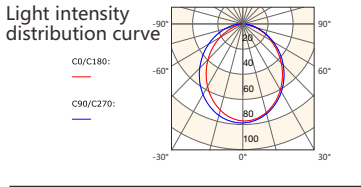


Product name: 21 Series magnetic 180°adjustable led linear light  
Product no.: TS-PMD21106/L243/T8W  
Size: L243\*W21\*H106MM  
Material: 6063 aluminum  
Color: Black/White  
IP rate: IP20  
Dimmable: Support  
Light source: Osram  
Voltage: DC24V  
Power: 8W  
Color Temperature: 2700K/3000K/4000K  
CRI: ≥90  
Beam angle: 100°

Optical parameters

Beam angle	100°
LUMENS	213.5 lm

h(m)	E0°(lx)	ø (m)
1.50	35.47	3.69
2.25	15.76	5.53
3.50	6.52	8.60
4.00	4.99	9.83

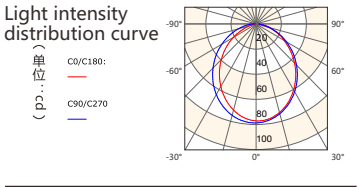


Product name: 21 Series magnetic led linear light  
Product no.: TS-PMD2145/L243/8W  
Size: L243\*W21\*H45MM  
Material: 6063 aluminum  
Color: Black/White  
IP rate: IP20  
Dimmable: Support  
Light source: Osram  
Voltage: DC24V  
Power: 8W  
Color Temperature: 2700K/3000K/4000K  
CRI: ≥90  
Beam angle: 100°

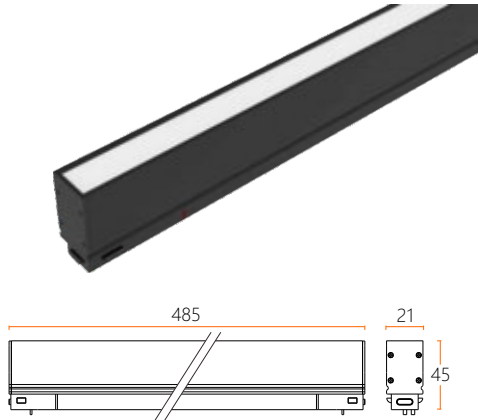
Optical parameters

Beam angle	100°
LUMENS	213.5 lm

h(m)	E0°(lx)	ø (m)
1.50	35.47	3.69
2.25	15.76	5.53
3.50	6.52	8.60
4.00	4.99	9.83



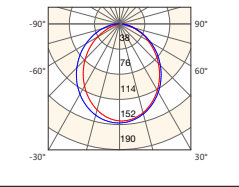
Color temperature comparison legend



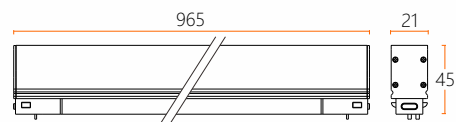
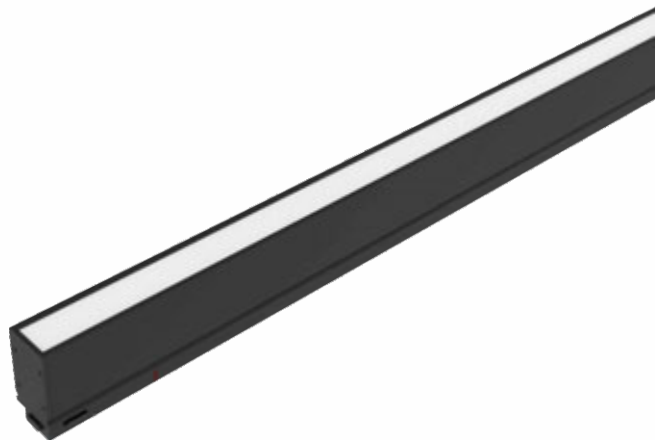
Product name: 21 Series magnetic led linear light  
Product no.: TS-PMD2145/L485/16W  
Size: L485\*W21\*H45MM  
Material: 6063 aluminum  
Color: Black/White  
IP rate: IP20  
Dimmable: Support  
Light source: Osram  
Voltage: DC24V  
Power: 16W  
Color Temperature: 2700K/3000K/4000K  
CRI: ≥90  
Beam angle: 100°

Beam angle	100°
LUMENS	372.4 lm

h(m)	E0°(lx)	ø (m)
1.50	67.56	3.55
2.25	30.03	5.32
3.50	12.41	8.28
4.00	9.50	9.46







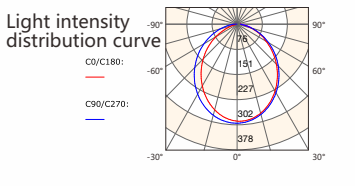
Product name: 21 Series magnetic led linear light  
 Product no.: TS-PMD2145/L965/32W  
 Size: L965\*W21\*H45MM  
 Material: 6063 aluminum  
 Color: Black/White  
 IP rate: IP20  
 Dimmable: Support  
 Light source: Osram  
 Voltage: DC24V  
 Power: 32W  
 Color Temperature: 2700K/3000K/4000K  
 CRI: ≥90  
 Beam angle: 100°

### Optical parameters

Beam angle	100°
LUMENS	778.6 lm

Relationship of illumination and distance

h(m)	E0 <sup>1</sup> (lx)	ø(m)
1.50	134.30	3.68
2.25	59.69	5.51
3.50	24.67	8.58
4.00	18.89	9.80



### Applicable Track



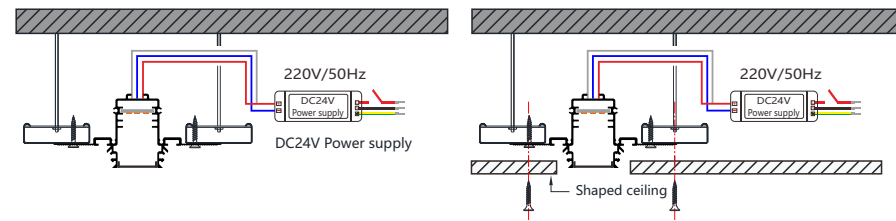
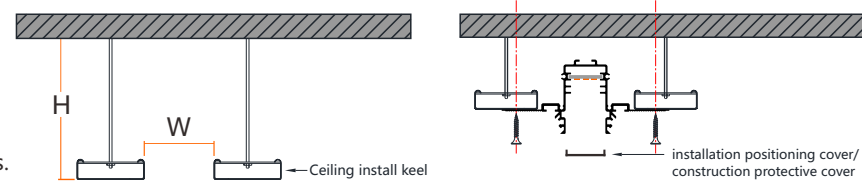
### Color temperature comparison legend





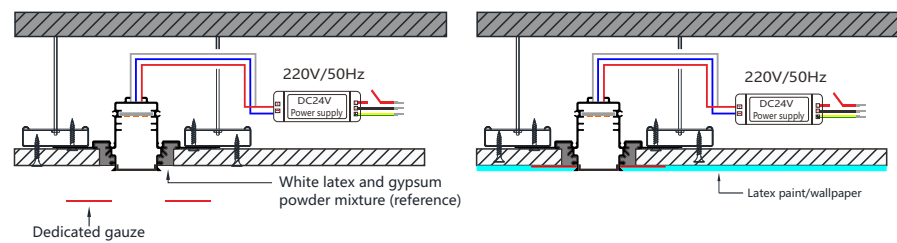
## Recessed installation method-keel structure

- 1 Reserve track installation space according to track hole cutting size.
- 2 Cover the track with "installation positioning cover or construction protective cover"; Then insert the track into the installation slot and fix the track with self tapping screws.



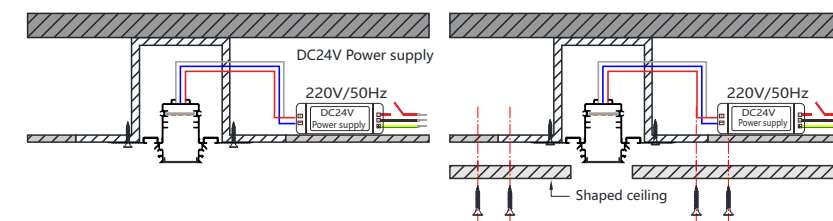
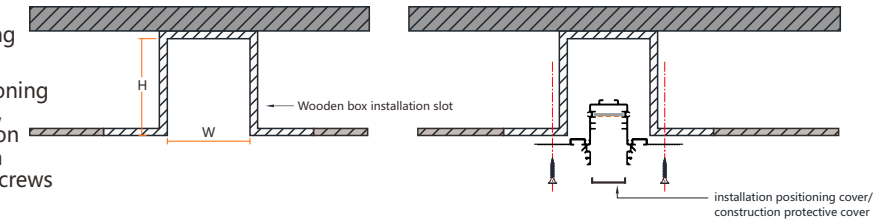
- 3 Connect the track power supply system (see wiring diagram for details)
- 4 Confirm that the power supply system is fully connected, and ensure that the whole track power supply is unblocked, and then install the shaped ceiling. (see wiring diagram for details)

- 5 Fill the gap between the track and the ceiling with white emulsion glue and gypsum powder (Reference), and then stick it with special emery cloth. After the seam is repaired, it will be dry
- 6 Finish the ceiling with emulsion paint, wallpaper or others. After finishing the ceiling, remove the installation positioning cover or construction protective cover, then install lamps and turn on the power.



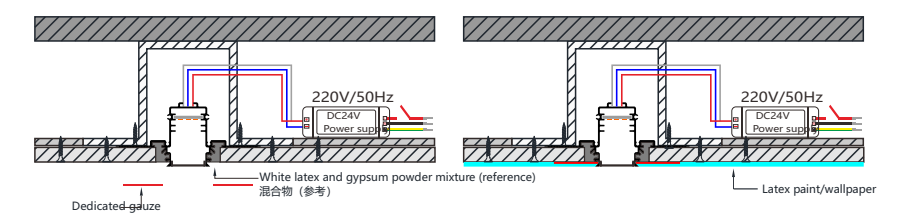
## Recessed installation method-wooden box structure

- 1 Make wooden box installation slot and reserve track installation space according to track hole cutting size.
- 2 Cover the track with "installation positioning cover or construction protection cover", fix the fabricated wooden box installation slot, insert the track into the installation slot and fix the track with self tapping screws



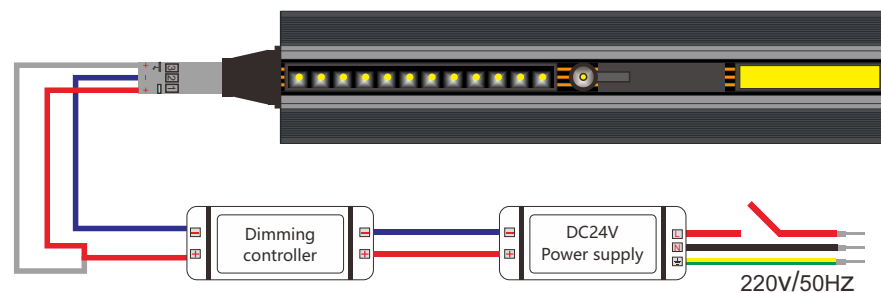
- 3 Connect the track power supply system (see wiring diagram for details)
- 4 Confirm that the power supply system is fully connected, and ensure that the whole track power supply is unblocked, and then install the shaped ceiling.

- 5 Fill the gap between the track and the ceiling with white emulsion glue and gypsum powder (Reference), and then stick it with special emery cloth. After the seam is repaired, it will be dry
- 6 Finish the ceiling with emulsion paint, wallpaper or others. After finishing the ceiling, remove the installation positioning cover or construction protective cover, then install lamps and turn on the power.

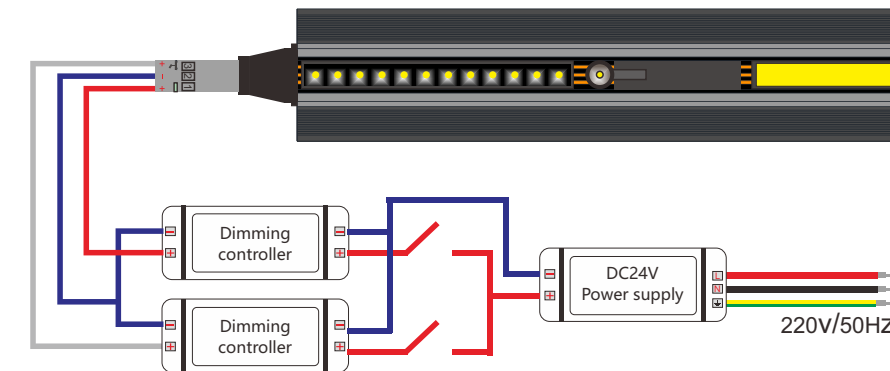


## Default factory control setting wiring method

Single switch control mode



Double switch control method

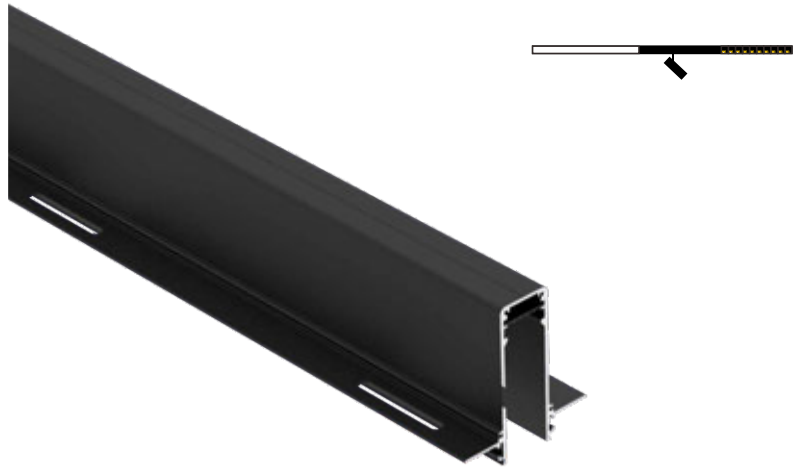


### Warning:

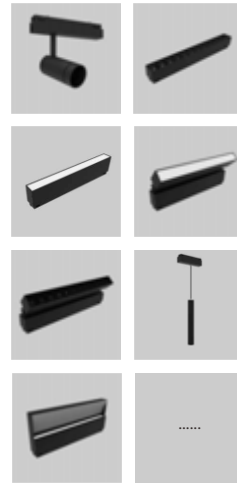
- The complete lighting system is powered by DC24V switching power supply. When matching the power supply, the total power of the switching power supply shall be more than 20% of the power of the lamps.
- In order to minimize the voltage drop, the installation length of lamp track is no more than 5m. 5m is a group of separate branch power supply. If necessary, 3M is recommended for a group of separate branch power supply.
- The default factory control setting of the product is the wiring mode (as shown in the figure above). If there are special requirements for the control mode, please contact and communicate with the manufacturer. Do not change the line and control mode without permission.
- Under no circumstances shall the lamp be covered by thermal insulation gasket or similar materials!

## **22 Series Magnetic Lighting System**

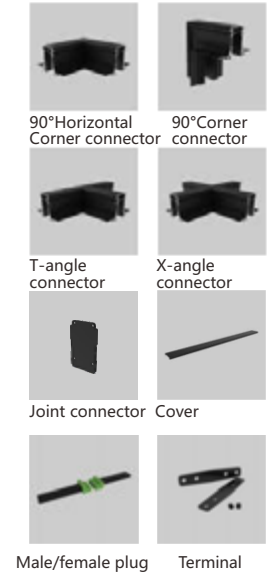




Applicable lamps

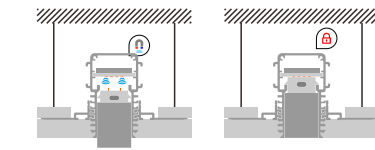


Applicable accessories



## Installation method

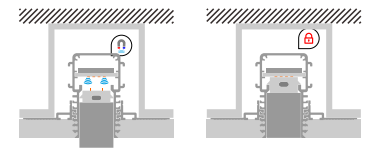
Keel recessed



Please check below for further installation method

Magnetic between track and lamp  
Locked by mechanical buckle, more firm

Wooden box recessed type

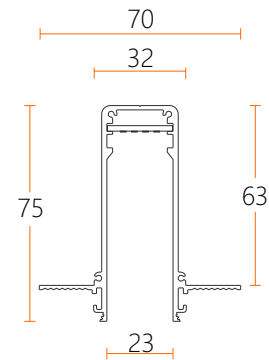


Please check below for further installation method

22 Series Magnetic Recessed Track  
Product no.: TS-GD7075Y/L1000/G  
Installation method: Recess  
Size: W70\*H75mm  
Standard specification: L500/1000/2000mm  
Control: Multiple control  
Material: 6063 aluminum  
Color: Black/White  
Hole dimension: W35\*H90mm  
IP rate: IP20



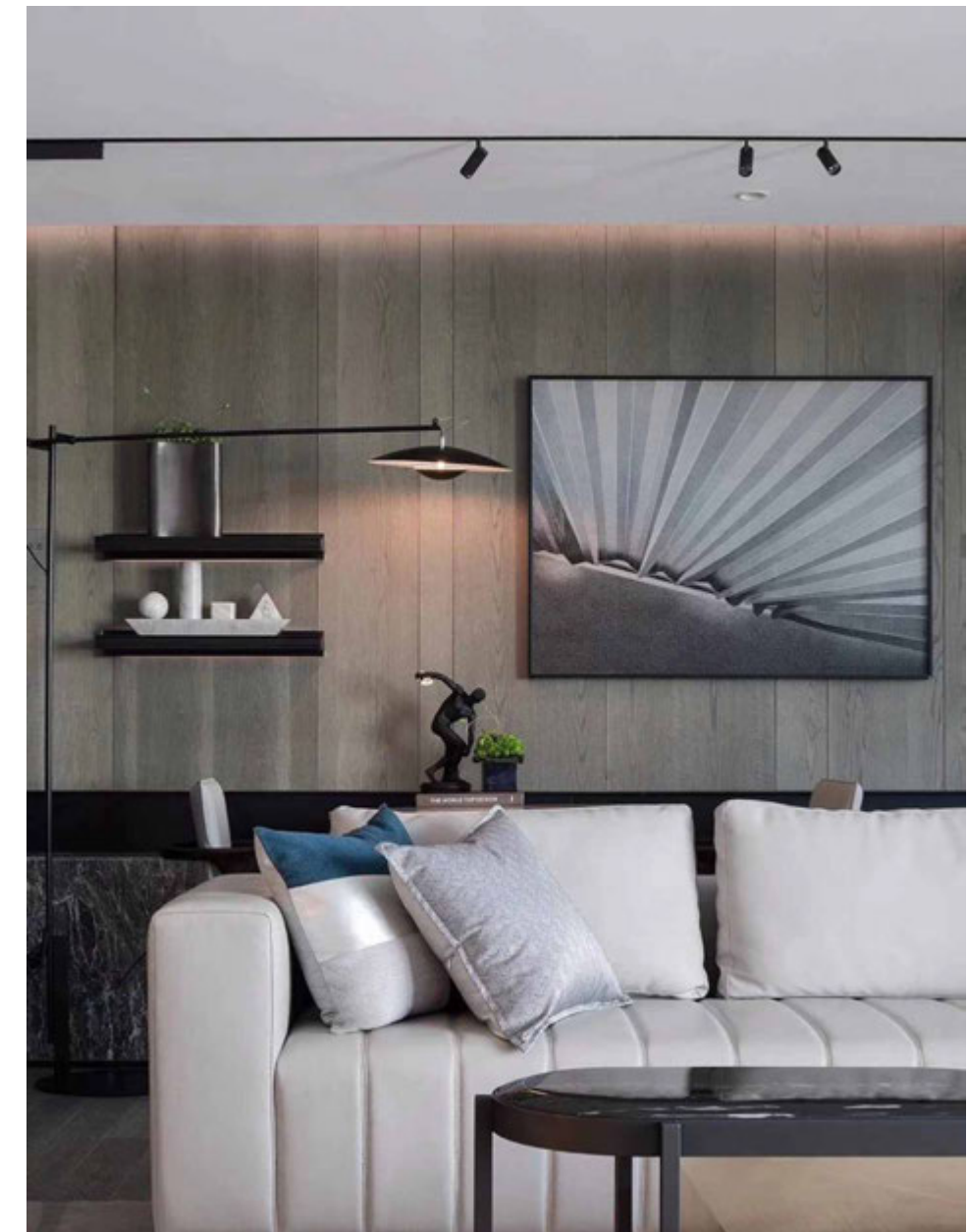
Size of track section

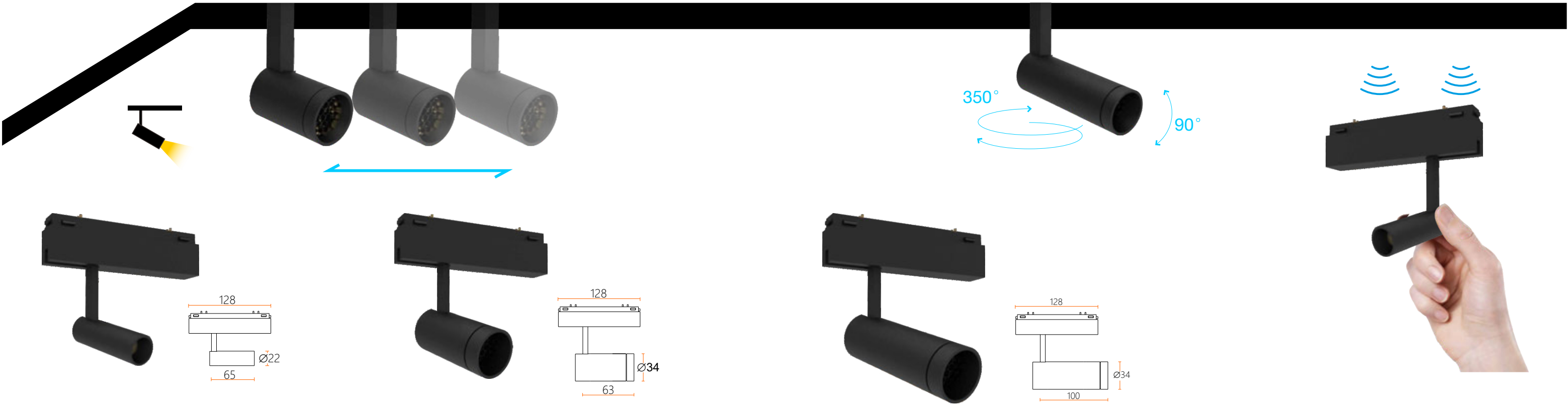


- The height of cutting hole is the height from the top of the track to the fixed plate + 10mm for power supply line space + 5mm for wiring male and female plug space
- The width of cutting hole is the maximum size of recessed track + 5mm

## Touch freely

24V safety voltage is adopted, which can be touched freely when 24V voltage is on.

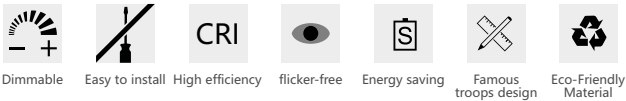




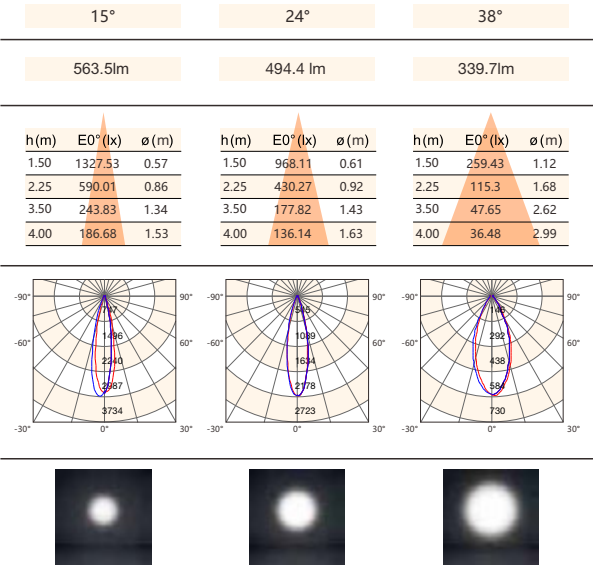
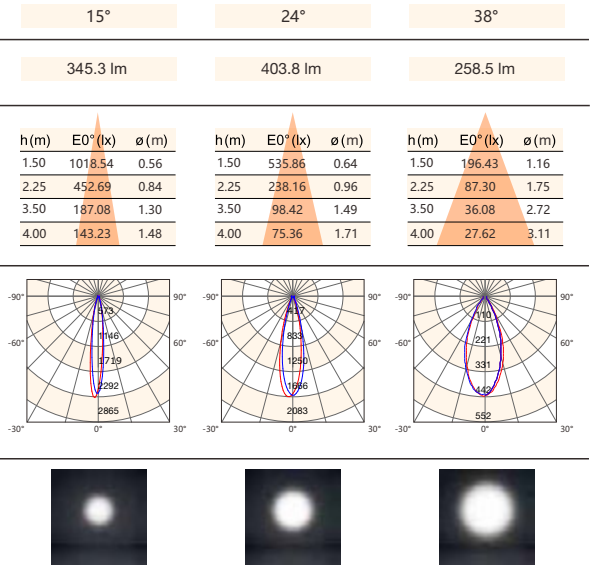
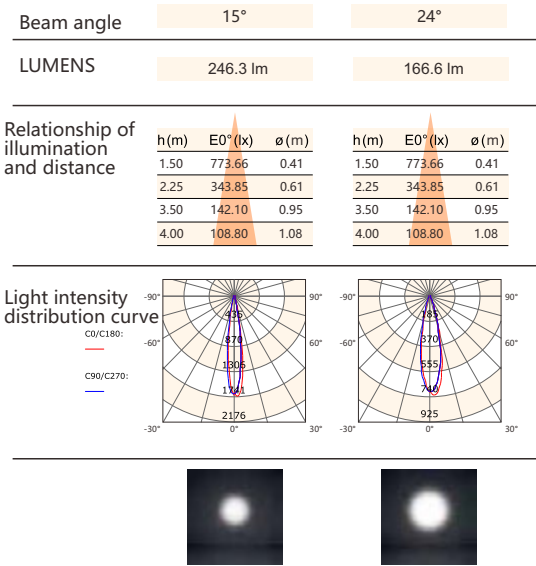
Product name: 22 Series magnetic spot light  
Product no.: TS-SD2265/3W  
Size: Ø22\*L65mm  
Material: 6063 aluminum  
Color: Black/White  
IP rate: IP20  
Dimmable: Support  
Light source: Osram  
Voltage: DC24V  
Power: 3W  
Color Temperature: 2700K/3000K/4000K  
CRI: ≥90  
Beam angle: 15°/24°

Product name: 22 Series magnetic spot light  
Product no.: TS-SD223463/5W  
Size: Ø34\*L63mm  
Material: 6063 aluminum  
Color: Black/White  
IP rate: IP20  
Dimmable: Support  
Light source: Honourtek/Luminus  
Voltage: DC24V  
Power: 5W  
Color Temperature: 2700K/3000K/4000K  
CRI: ≥90  
Beam angle: 15°/24°/38°

Product name: 22 Series magnetic spot light  
Product no.: TS-SD2234100/8W  
Size: Ø34\*L100mm  
Material: 6063 aluminum  
Color: Black/White  
IP rate: IP20  
Dimmable: Support  
Light source: Honourtek/Luminus  
Voltage: DC24V  
Power: 8W  
Color Temperature: 2700K/3000K/4000K  
CRI: ≥90  
Beam angle: 15°/24°/38°



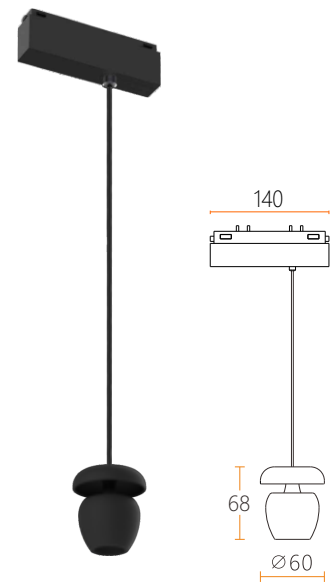
Optical parameters



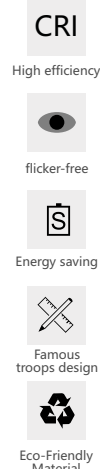
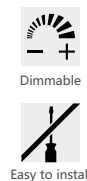
Color temperature comparison legend







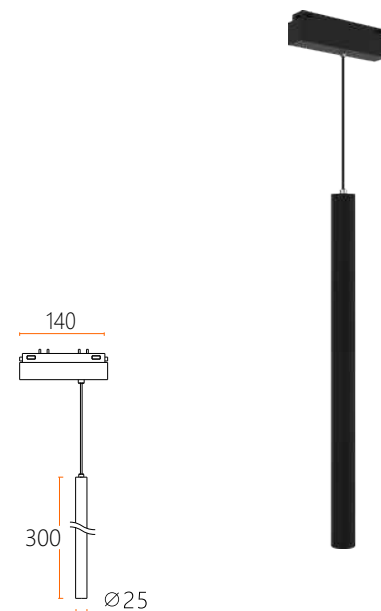
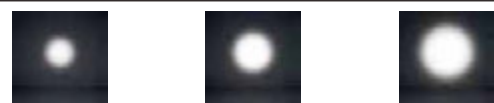
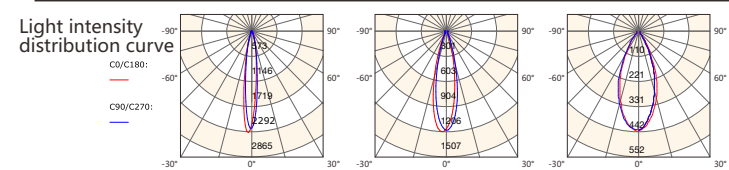
Product name: 22 Series magnetic pendant light  
 Product no.: TS-DXD226068/5W  
 Size: Ø60\*68mm  
 Material: 6063 aluminum  
 Color: Black/Red/Green  
 IP rate: IP20  
 Dimmable: Support  
 Light source: Honourtek/Luminus  
 Voltage: DC24V  
 Power: 5W  
 Color Temperature: 2700K/3000K/4000K  
 CRI: ≥90  
 Beam angle: 15°/24°/38°



## Optical parameters

Beam angle	15°	24°	38°
LUMENS	345.3 lm	243.5 lm	258.5 lm

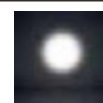
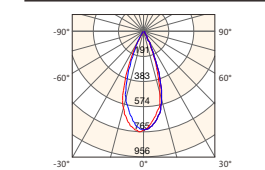
Relationship of illumination and distance	h(m)	E0 <sup>+</sup> (lx)	ø(m)	h(m)	E0 <sup>+</sup> (lx)	ø(m)	h(m)	E0 <sup>+</sup> (lx)	ø(m)
	1.50	1018.54	0.56	1.50	535.86	0.64	1.50	196.43	1.16
	2.25	452.69	0.84	2.25	238.16	0.96	2.25	87.30	1.75
	3.50	187.08	1.30	3.50	98.42	1.49	3.50	36.08	2.72
	4.00	143.23	1.48	4.00	75.36	1.71	4.00	27.62	3.11



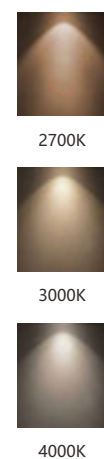
Product name: 22 Series magnetic pendant light  
 Product no.: TS-DXD2225300/5W  
 Size: Ø25\*300mm  
 Material: 6063 aluminum  
 Color: Black/White  
 IP rate: IP20  
 Dimmable: Support  
 Light source: Honourtek/Luminus  
 Voltage: DC24V  
 Power: 5W  
 Color Temperature: 2700K/3000K/4000K  
 CRI: ≥90  
 Beam angle: 38°

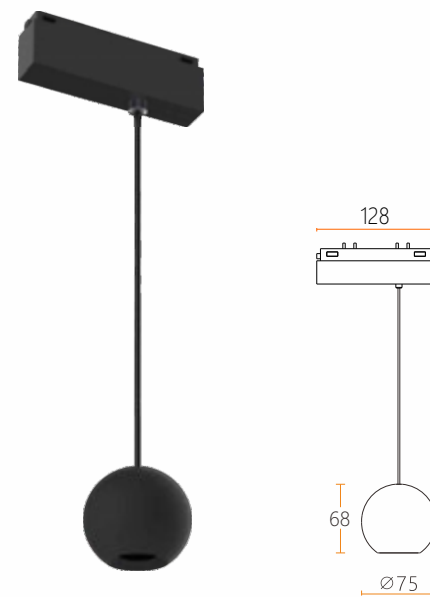
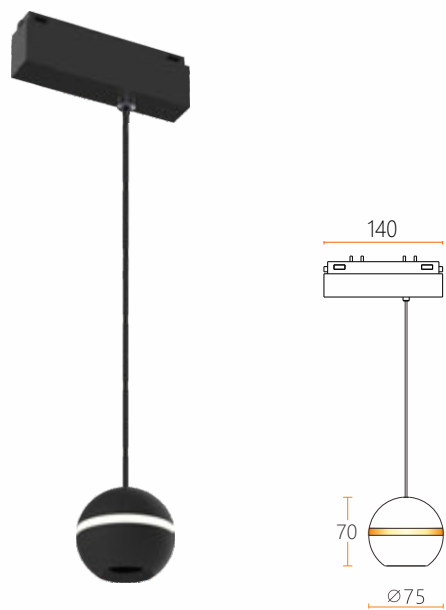
Beam angle	38°
LUMENS	346.6 lm

Relationship of illumination and distance	h(m)	E0 <sup>+</sup> (lx)	ø(m)
	1.50	340.05	1.06
	2.25	151.13	1.59
	3.50	62.46	2.48
	4.00	47.82	2.83



Color temperature comparison legend



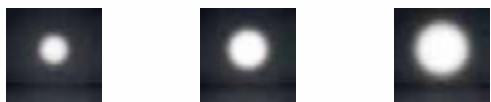
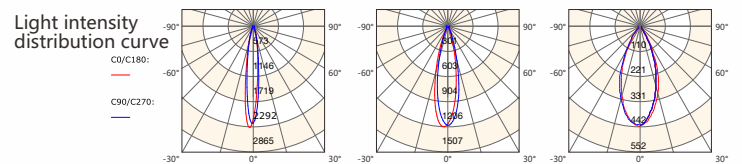


Product name: 22 Series magnetic pendant lamp ( side-emitting ball)  
Product no.: TS-DXD227570/5W/A  
Size: Ø75\*68mm  
Material: 6063 aluminum  
Color: Black/Red/Green  
IP rate: IP20  
Dimmable: Support  
Light source: Honourtek/Luminus  
Voltage: DC24V  
Power: 5W/8W  
Color Temperature: 2700K/3000K/4000K  
CRI: ≥90  
Beam angle: 15°/24°/38°

### Optical parameters

Beam angle	15°	24°	38°
LUMENS	345.3 lm	243.5 lm	258.5 lm

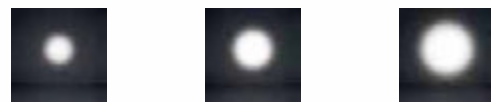
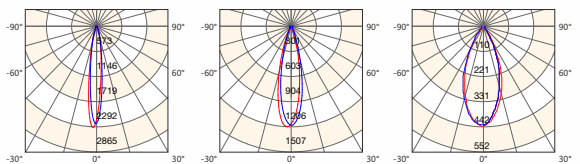
Relationship of illumination and distance	h(m)	E0°(lx)	ø(m)	h(m)	E0°(lx)	ø(m)	h(m)	E0°(lx)	ø(m)
	1.50	1018.54	0.56	1.50	535.86	0.64	1.50	196.43	1.16
	2.25	452.69	0.84	2.25	238.16	0.96	2.25	87.30	1.75
	3.50	187.08	1.30	3.50	98.42	1.49	3.50	36.08	2.72
	4.00	143.23	1.48	4.00	75.36	1.71	4.00	27.62	3.11



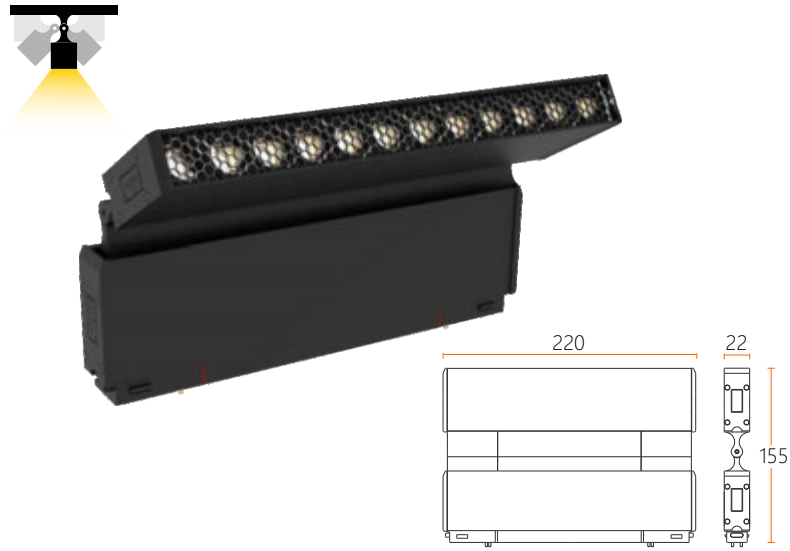
Product name: 22 Series magnetic pendant lamp  
Product no.: TS-DXD227568/5W/B  
Size: Ø75\*68mm  
Material: 6063 aluminum  
Color: Black/Red/Green  
IP rate: IP20  
Dimmable: Support  
Light source: Honourtek/Luminus  
Voltage: DC24V  
Power: 5W/8W  
Color Temperature: 2700K/3000K/4000K  
CRI: ≥90  
Beam angle: 15°/24°/38°

15°	24°	38°
345.3 lm	243.5 lm	258.5 lm

h(m)	E0°(lx)	ø(m)	h(m)	E0°(lx)	ø(m)	h(m)	E0°(lx)	ø(m)
1.50	1018.54	0.56	1.50	535.86	0.64	1.50	196.43	1.16
2.25	452.69	0.84	2.25	238.16	0.96	2.25	87.30	1.75
3.50	187.08	1.30	3.50	98.42	1.49	3.50	36.08	2.72
4.00	143.23	1.48	4.00	75.36	1.71	4.00	27.62	3.11





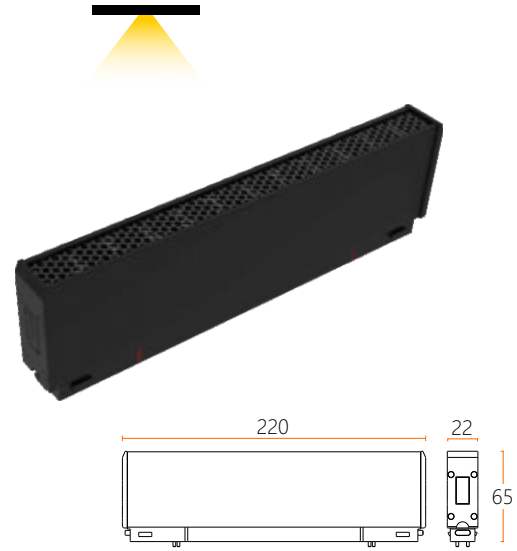
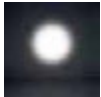
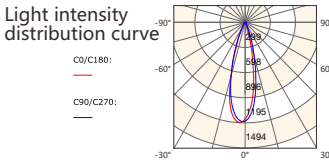


Product name: 22 Series magnetic 180°adjustable led linear spotlight  
Product no.: TS-GSD22155/L220/T12W/G  
Size: L220\*W22\*H155mm  
Material: 6063 aluminum  
Color: Black/White  
IP rate: IP20  
Dimmable: Support  
Light source: Osram  
Voltage: DC24V  
Power: 12W  
Color Temperature: 2700K/3000K/4000K  
CRI: ≥90  
Beam angle: 25°

Optical parameters

Beam angle	25°
LUMENS	554.98 lm

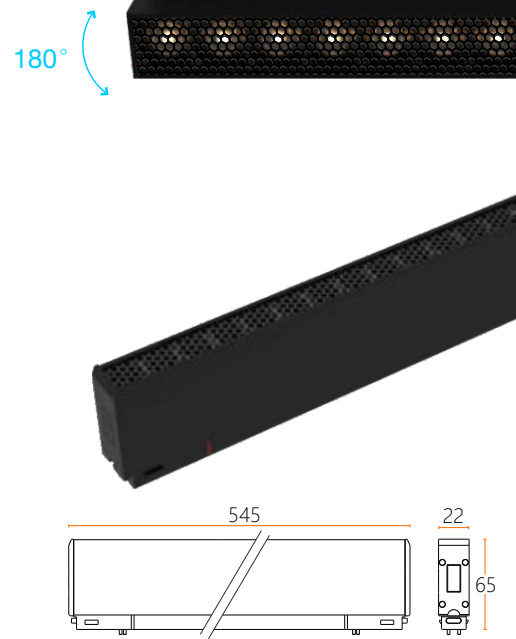
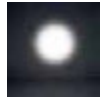
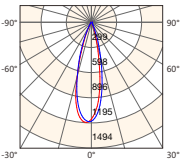
h(m)	E0°(lx)	ø(m)
1.50	531.22	0.69
2.25	236.10	1.04
3.50	97.57	1.62
4.00	74.70	1.85



Product name: 22 Series magnetic led linear spotlight  
Product no.: TS-GSD2265/L220/12W/G  
Size: L220\*W22\*H65mm  
Material: 6063 aluminum  
Color: Black/White  
IP rate: IP20  
Dimmable: Support  
Light source: Osram  
Voltage: DC24V  
Power: 12W  
Color Temperature: 2700K/3000K/4000K  
CRI: ≥90  
Beam angle: 25°

Beam angle	25°
LUMENS	554.98 lm

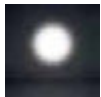
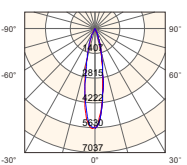
h(m)	E0°(lx)	ø(m)
1.50	531.22	0.69
2.25	236.10	1.04
3.50	97.57	1.62
4.00	74.70	1.85



Product name: 22 Series magnetic led linear spotlight  
Product no.: TS-GSD2265/L545/25W/G  
Size: L545\*W22\*H65mm  
Material: 6063 aluminum  
Color: Black/White  
IP rate: IP20  
Dimmable: Support  
Light source: Osram  
Voltage: DC24V  
Power: 25W  
Color Temperature: 2700K/3000K/4000K  
CRI: ≥90  
Beam angle: 25°

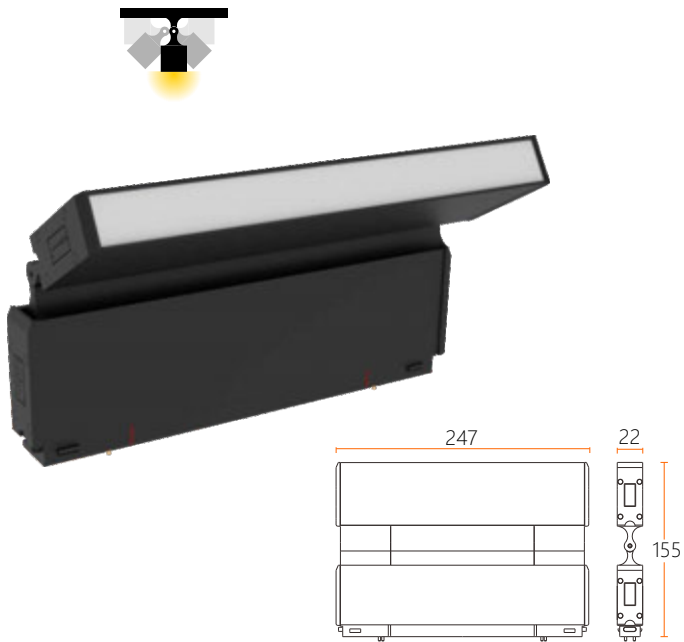
Beam angle	25°
LUMENS	965.8 lm

h(m)	E0°(lx)	ø(m)
1.50	2502.21	0.53
2.25	1112.10	0.80
3.50	459.59	1.25
4.00	351.87	1.43



Color temperature comparison legend





Product name: 22 Series magnetic 180°adjustable led linear light  
Product no.: TS-PMD22155/L247/T8W/G  
Size: L247\*W22\*H155MM  
Material: 6063 aluminum  
Color: Black/White  
IP rate: IP20  
Dimmable: Support  
Light source: Osram  
Voltage: DC24V  
Power: 8W  
Color Temperature: 2700K/3000K/4000K  
CRI:  $\geq 90$   
Beam angle: 100°

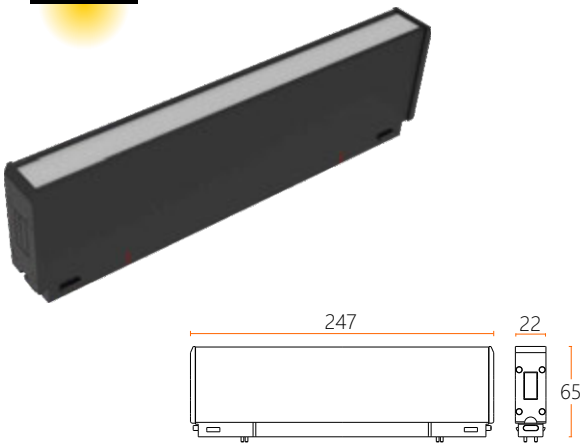
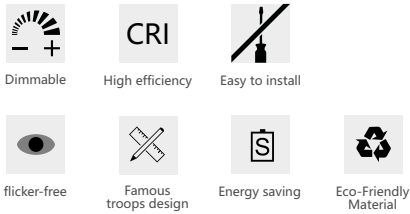
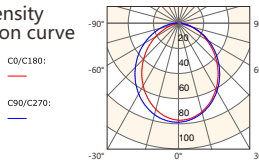
### Optical parameters

Beam angle	100°
LUMENS	213.5 lm

Relationship of  
illumination  
and distance

h(m)	E0°(lx)	φ(m)
1.50	35.47	3.69
2.25	15.76	5.53
3.50	6.52	8.60
4.00	4.99	9.83

Light intensity  
distribution curve



Product name: 22 Series magnetic led linear light  
Product no.: TS-PMD2265/L247/8W/G  
Size: L247\*W22\*H65MM  
Material: 6063 aluminum  
Color: Black/White  
IP rate: IP20  
Dimmable: Support  
Light source: Osram  
Voltage: DC24V  
Power: 8W  
Color Temperature: 2700K/3000K/4000K  
CRI:  $\geq 90$   
Beam angle: 100°

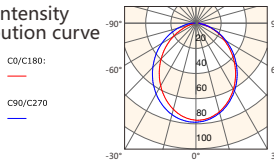
### Optical parameters

Beam angle	100°
LUMENS	213.5 lm

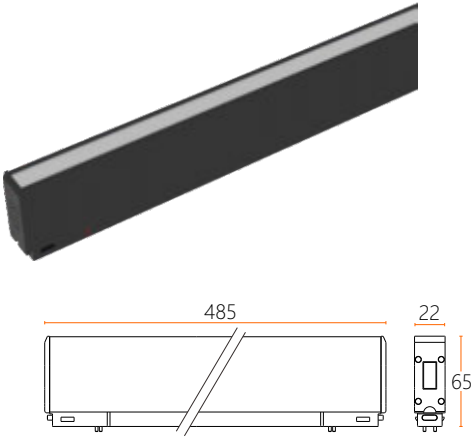
Relationship of  
illumination  
and distance

h(m)	E0°(lx)	φ(m)
1.50	35.47	3.69
2.25	15.76	5.53
3.50	6.52	8.60
4.00	4.99	9.83

Light intensity  
distribution curve



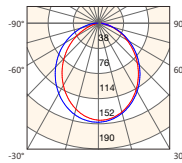
### Color temperature comparison legend



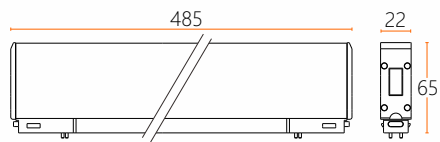
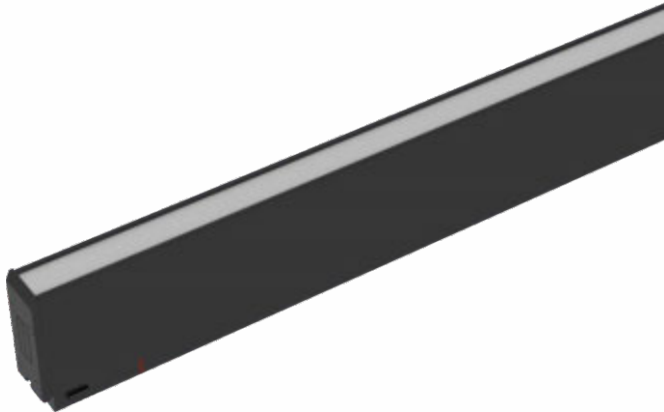
Product name: 22 Series magnetic led linear light  
Product no.: TS-PMD2265/L485/16W/G  
Size: L485\*W22\*H65MM  
Material: 6063 aluminum  
Color: Black/White  
IP rate: IP20  
Dimmable: Support  
Light source: Osram  
Voltage: DC24V  
Power: 16W  
Color Temperature: 2700K/3000K/4000K  
CRI:  $\geq 90$   
Beam angle: 100°

Beam angle	100°
LUMENS	372.4 lm

h(m)	E0°(lx)	φ(m)
1.50	67.56	3.55
2.25	30.03	5.32
3.50	12.41	8.28
4.00	9.50	9.46







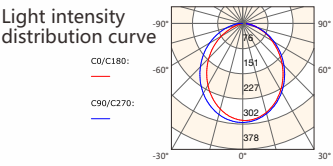
Product name: 22 Series magnetic led linear light  
Product no.: TS-PMD2265/L965/32W/G  
Size: L965\*W22\*H65MM  
Material: 6063 aluminum  
Color: Black/White  
IP rate: IP20  
Dimmable: Support  
Light source: Osram  
Voltage: DC24V  
Power: 32W  
Color Temperature: 2700K/3000K/4000K  
CRI:  $\geq 90$   
Beam angle: 100°

Optical parameters

Beam angle	100°
LUMENS	778.6 lm

Relationship of illumination and distance

h(m)	E0'(lx)	ø(m)
1.50	134.30	3.68
2.25	59.69	5.51
3.50	24.67	8.58
4.00	18.89	9.80

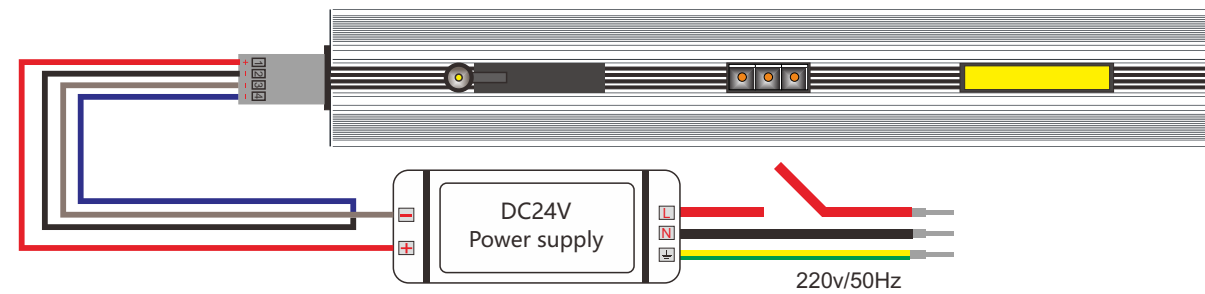


Color temperature comparison legend

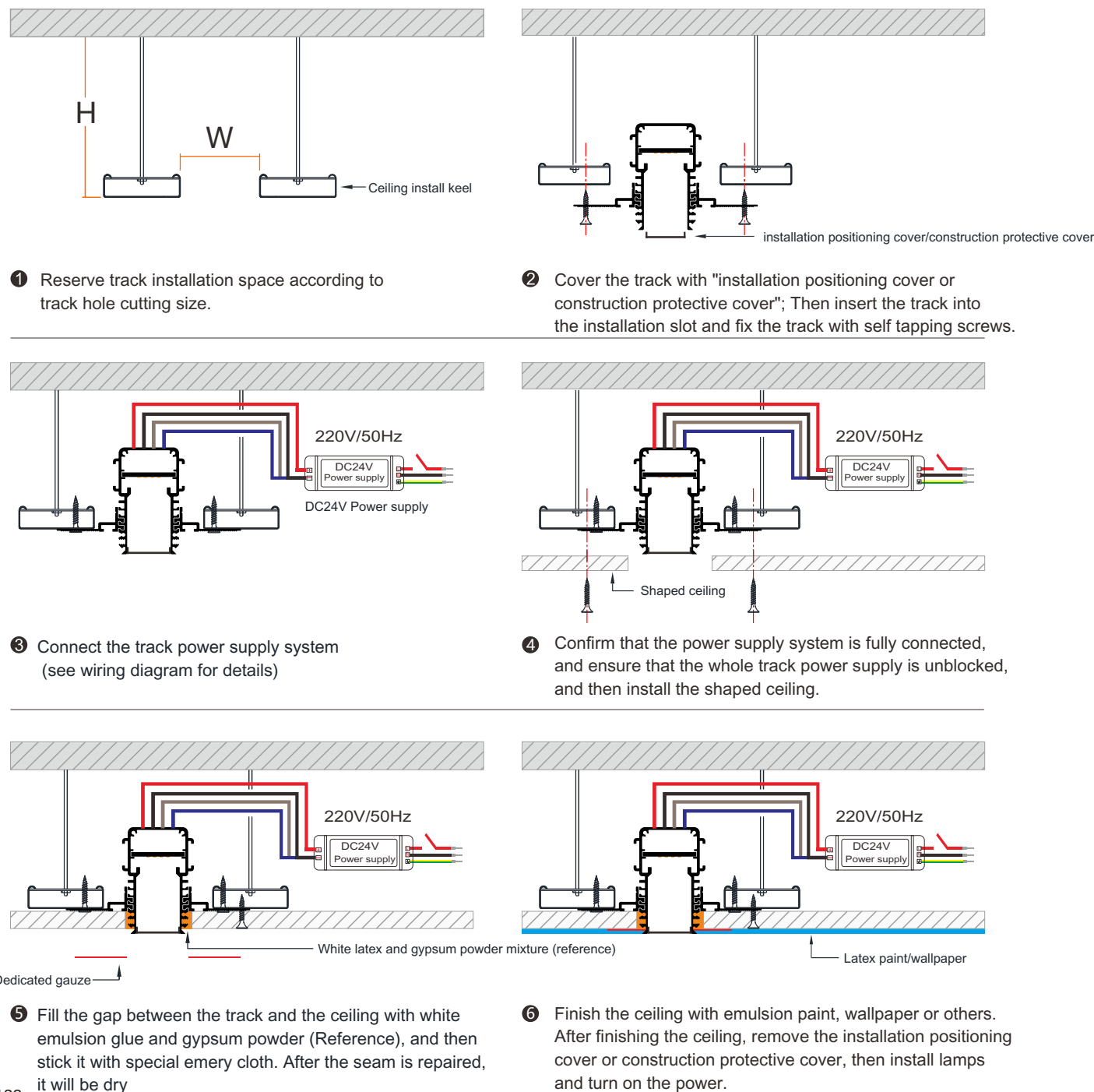


## Default factory control setting wiring method

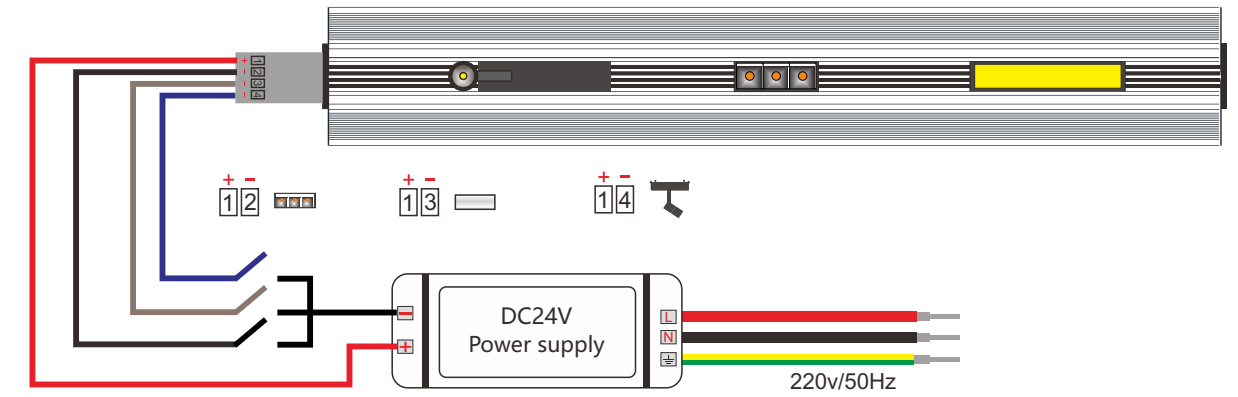
### Single switch control mode



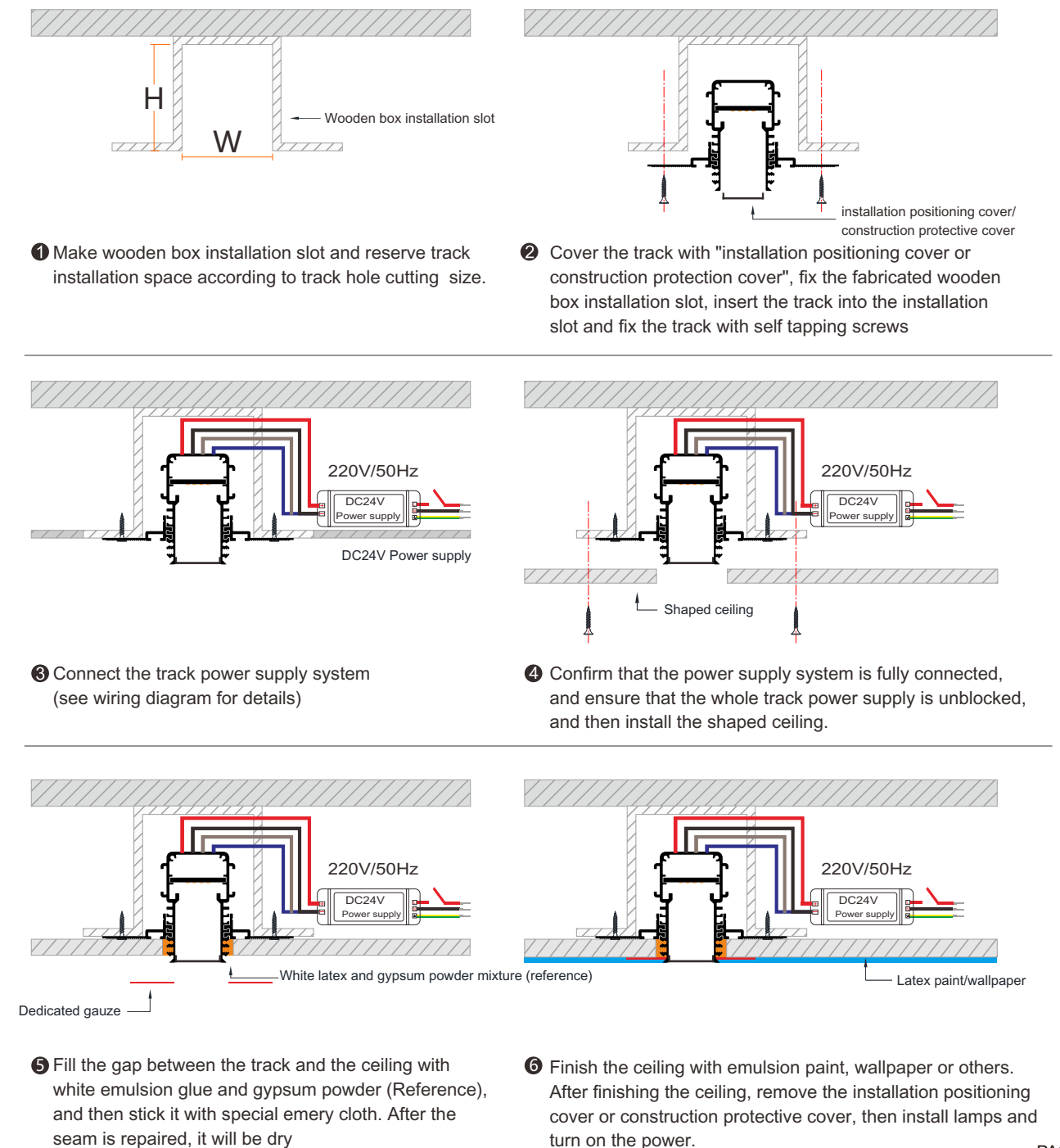
### Recessed installation method-keel structure



### Three switch control connection mode



### Recessed installation method-wooden box structure

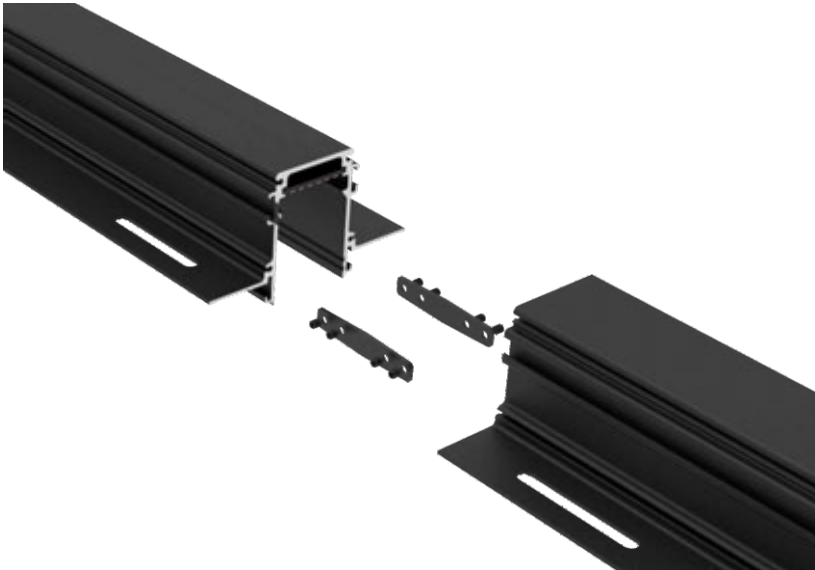





## **34 Series Magnetic Lighting System**



Product name: 34 Series Magnetic Recessed Track  
 Product no.: TS-GD10057Y/L1000/J  
 Installation method: Recess  
 Size: W100\*H57mm  
 Standard specification: L500/1000/2000mm  
 Control: Multiple control  
 Material: 6063 aluminum  
 Color: Black/White  
 Hole dimension: W55\*H75mm  
 IP rate: IP20  
 Ceiling thickness : 9mm

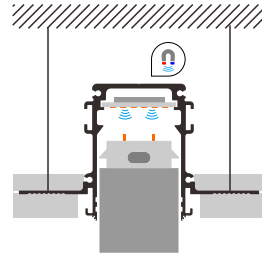


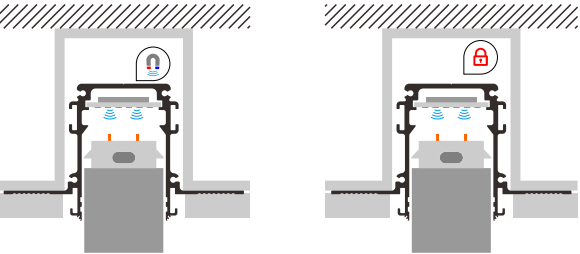
Applicable lamps
 

Applicable accessories
 

T-angle connector	X-angle connector
Joint connector	Cover
Male/female plug	Terminal

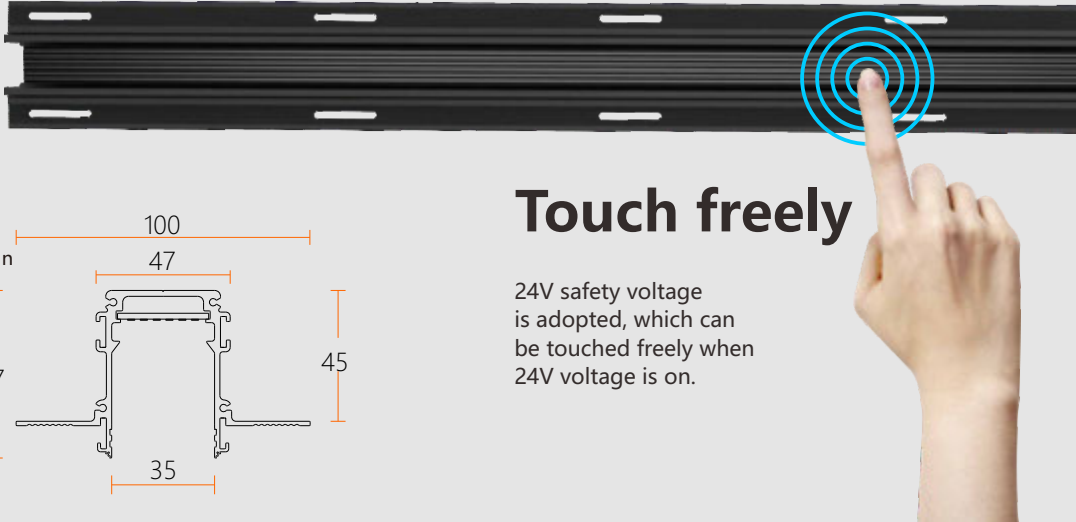
# Installation method

Keel recessed
 

Wooden box recessed type
 

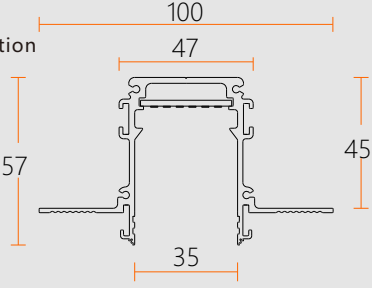
Please check below for further installation method

Magnetic between track and lamp  
 Locked by mechanical buckle, more firm

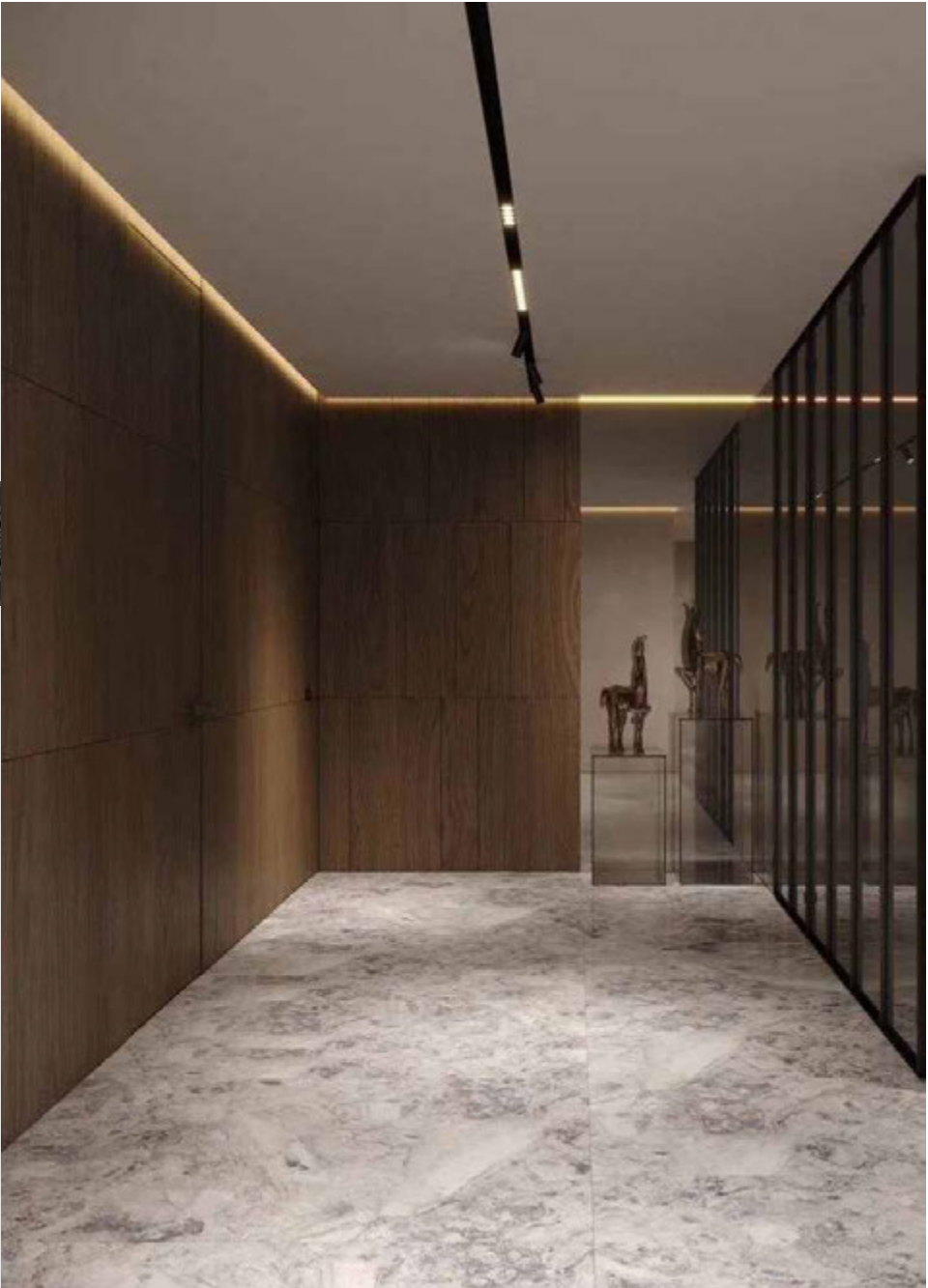


**Touch freely**  
 24V safety voltage is adopted, which can be touched freely when 24V voltage is on.

Size of track section



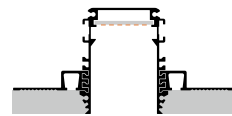
- The height of cutting hole is the height from the top of the track to the fixed plate + 10mm for power supply line space + 5mm for wiring male and female plug space
- The width of cutting hole is the maximum size of recessed track + 5mm



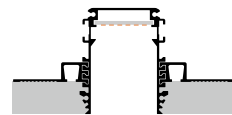


## Installation method

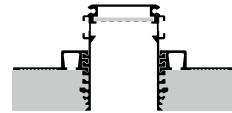
Ceiling thickness: 9mm



Ceiling thickness: 15mm

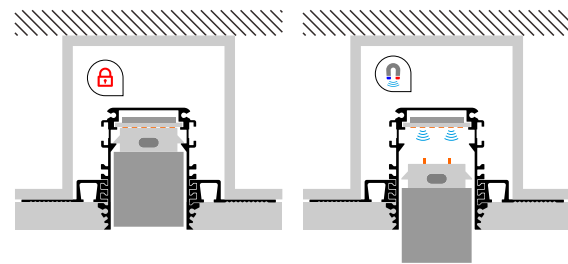


Ceiling thickness: 18mm

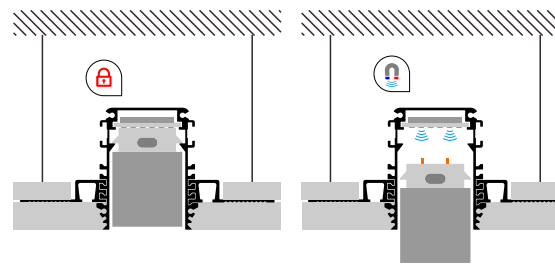


Different heights of the fixed plate can be adjusted to adapt to ceilings of various thicknesses

### Wooden box recessed type



### Keel recessed



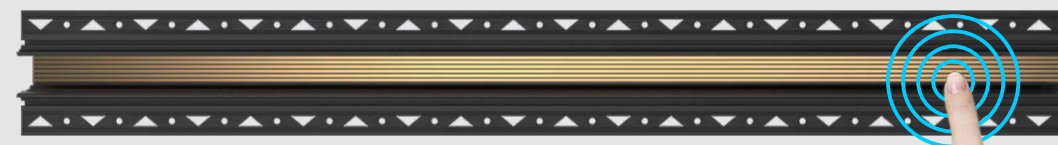
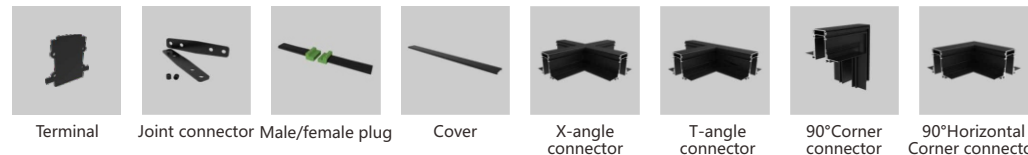
Please check below for further installation method

Magnetic between track and lamp  
Locked by mechanical buckle, more firm



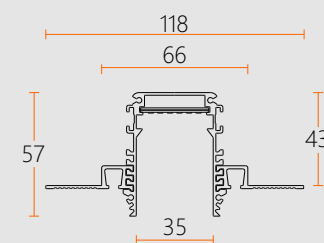
Applicable lamps

Applicable accessories

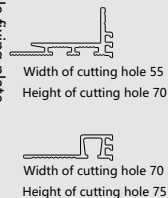


## Touch freely

Size of track section



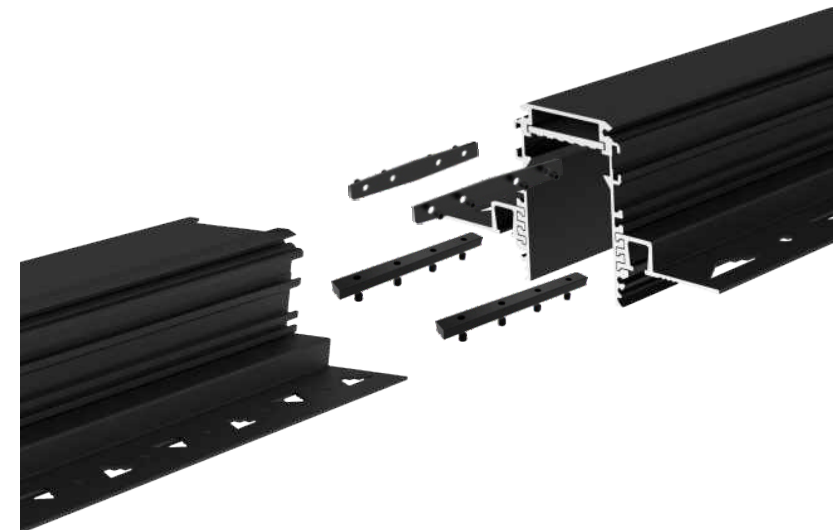
Replaceable fixing plate



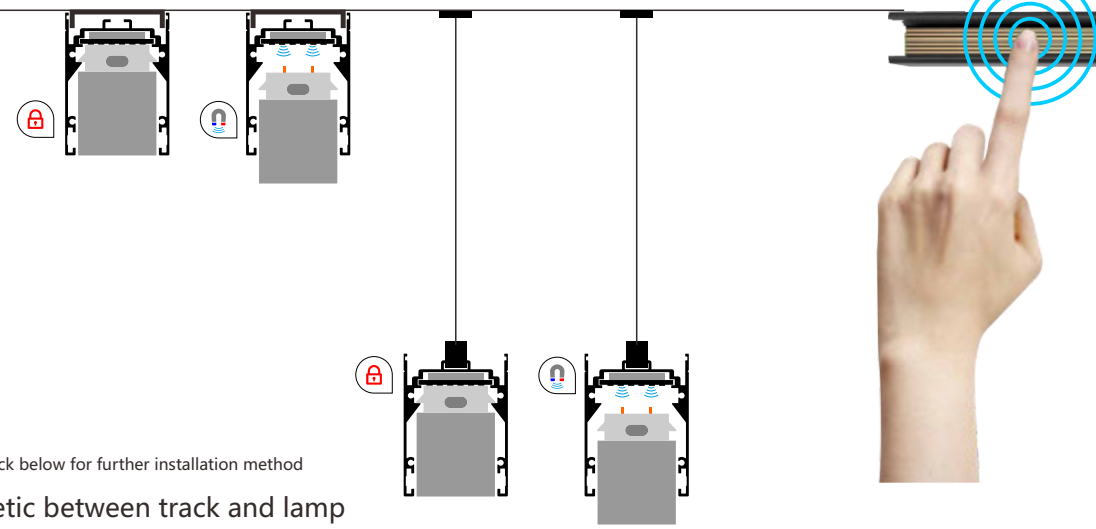
24V safety voltage is adopted, which can be touched freely when 24V voltage is on.

- The height of cutting hole is the height from the top of the track to the fixed plate + 10mm for power supply line space + 5mm for wiring male and female plug space
- The width of cutting hole is the maximum size of recessed track + 5mm

Product name: 34 Series magnetic adjustable recessed track single-layer fixed plate  
Product no.: TS-GD11857Y/L1000/J  
Installation method: Recess  
Size: W118\*H57mm  
Standard specification: L500/1000/2000mm  
Control: Multiple control  
Material: 6063 aluminum  
Color: Black/White  
Hole dimension: W70\*H75mm  
IP rate: IP20  
Ceiling thickness : 9mm /15mm/18mm



# Installation method



Please check below for further installation method  
Magnetic between track and lamp  
Locked by mechanical buckle, more firm

## Touch freely

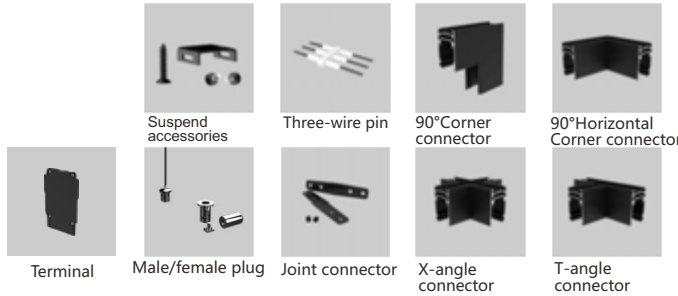
24V safety voltage is adopted, which can be touched freely when 24V voltage is on.



適用 Lighting

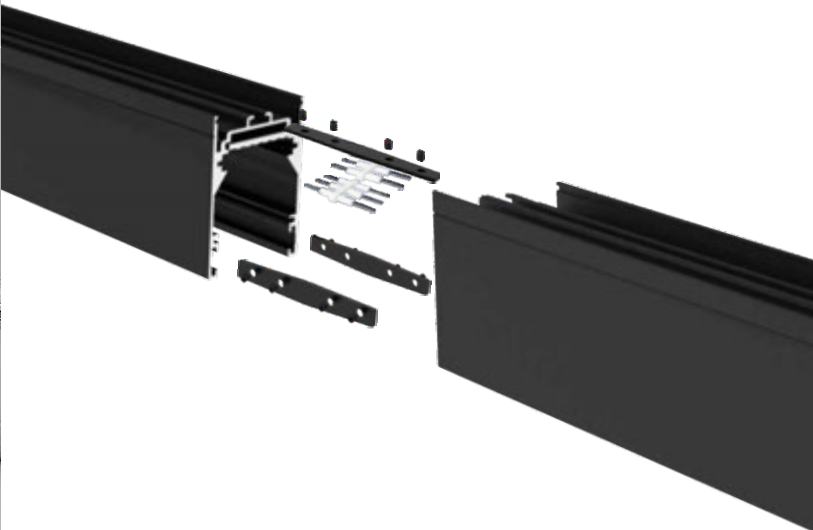
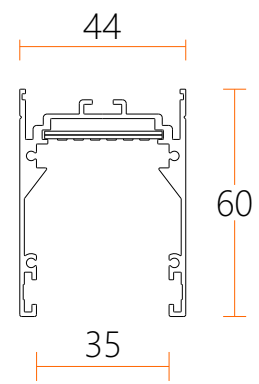


Product name: 34 Series magnetic suspended/Surface mount track  
Product no.: TS-GD4460D/L1000/J  
Installation method: Suspended/Surface mount  
Size: W44\*H60mm  
Standard specification: L1000/1500/2000mm  
Control: Multiple control  
Material: 6063 aluminum  
Color: Black/White  
IP rate: IP20



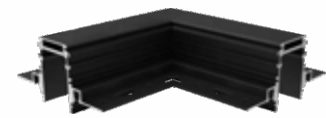
Applicable accessories

Size of track section









90° Corner connector



Terminal



Joint connector



Suspension accessories



Ceiling accessories



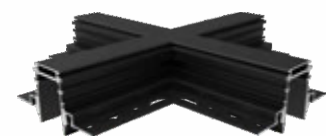
Cover



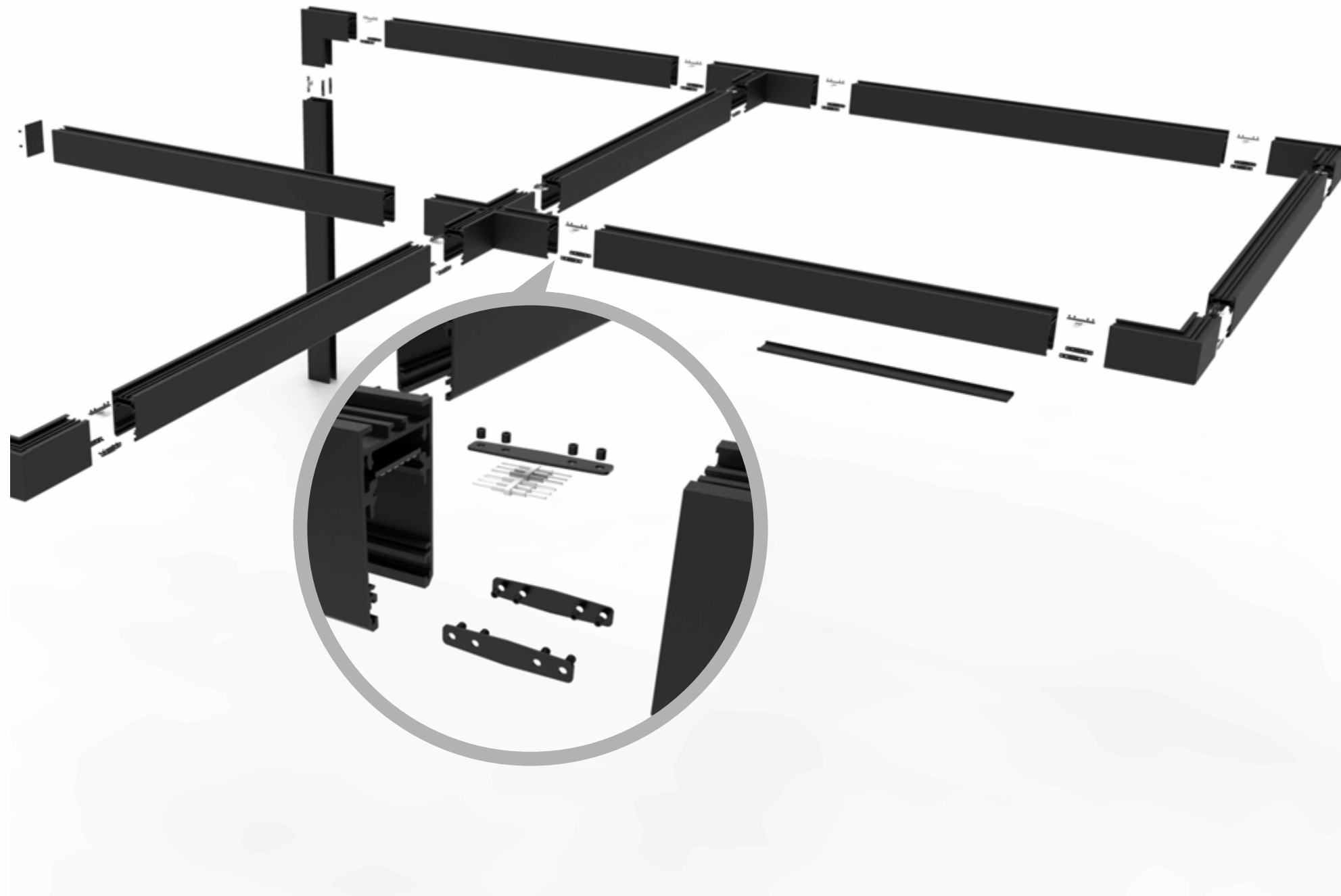
90° Horizontal  
Corner connector



T-angle connector



X-angle connector



6-core power line

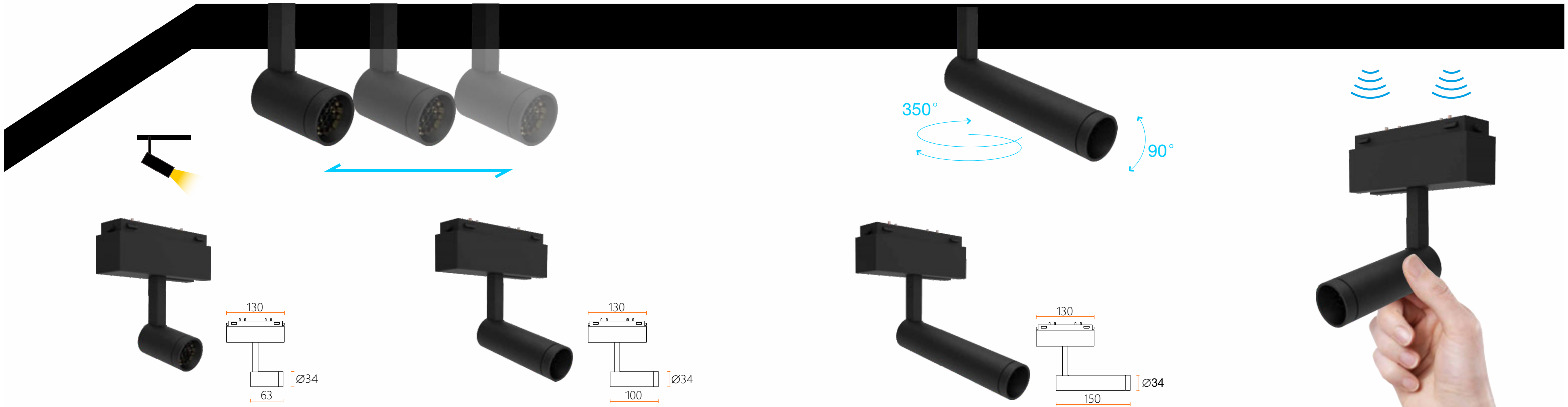


Male/female plug



Three-wire pin

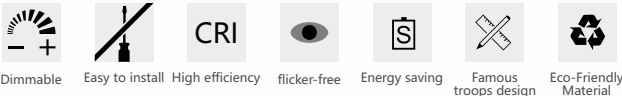




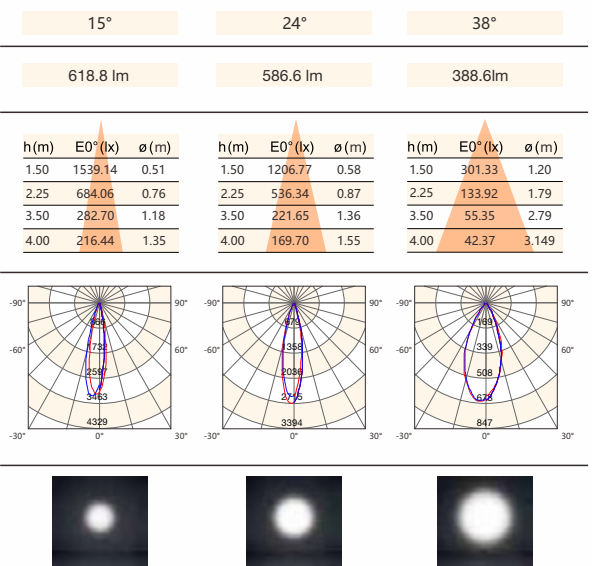
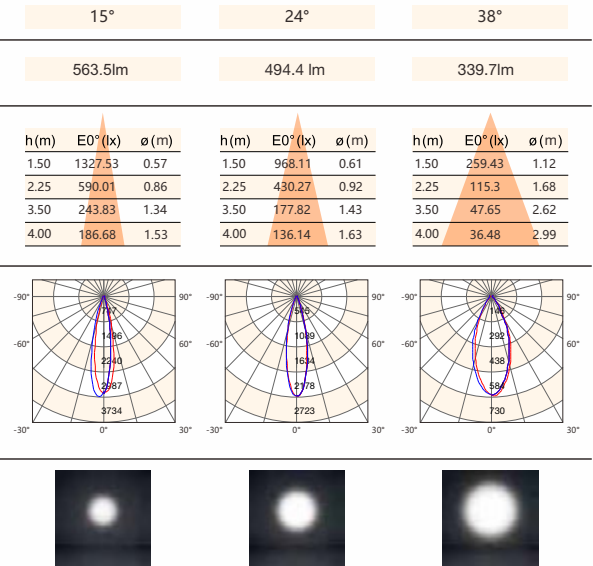
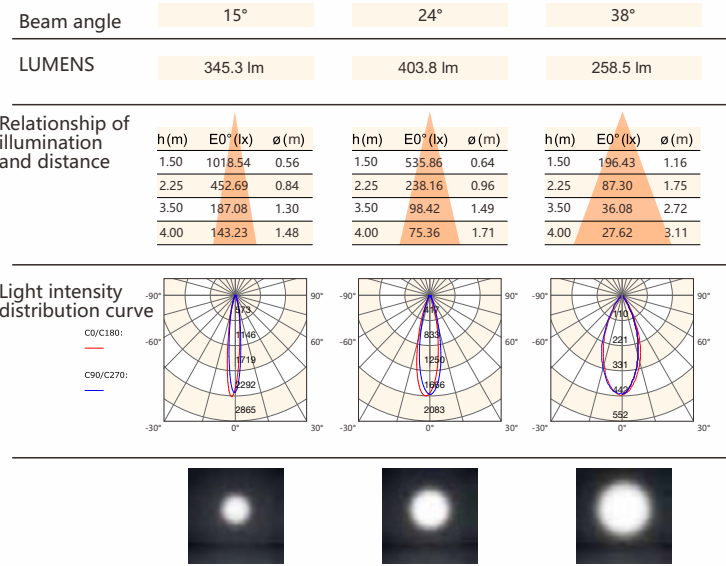
Product name: 34 Series magnetic spot light  
Product no.: TS-SD3463/5W  
Size: Ø34\*L63mm  
Material: 6063 aluminum  
Color: Black/White  
IP rate: IP20  
Dimmable: Support  
Light source: Honourtek/Luminus  
Voltage: DC24V  
Power: 5W  
Color Temperature: 2700K/3000K/4000K  
CRI: ≥90  
Beam angle: 15°/24°/38°

Product name: 34 Series magnetic spot light  
Product no.: TS-SD34100/8W  
Size: Ø34\*L100mm  
Material: 6063 aluminum  
Color: Black/White  
IP rate: IP20  
Dimmable: Support  
Light source: Honourtek/Luminus  
Voltage: DC24V  
Power: 8W  
Color Temperature: 2700K/3000K/4000K  
CRI: ≥90  
Beam angle: 15°/24°/38°

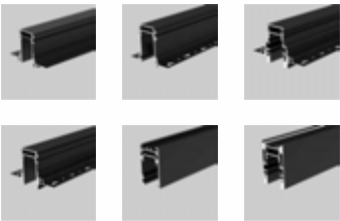
Product name: 34 Series magnetic spot light  
Product no.: TS-SD34150/10W  
Size: Ø34\*L150mm  
Material: 6063 aluminum  
Color: Black/White  
IP rate: IP20  
Dimmable: Support  
Light source: Honourtek/Luminus  
Voltage: DC24V  
Power: 10W  
Color Temperature: 2700K/3000K/4000K  
CRI: ≥90  
Beam angle: 15°/24°/38°



Optical parameters

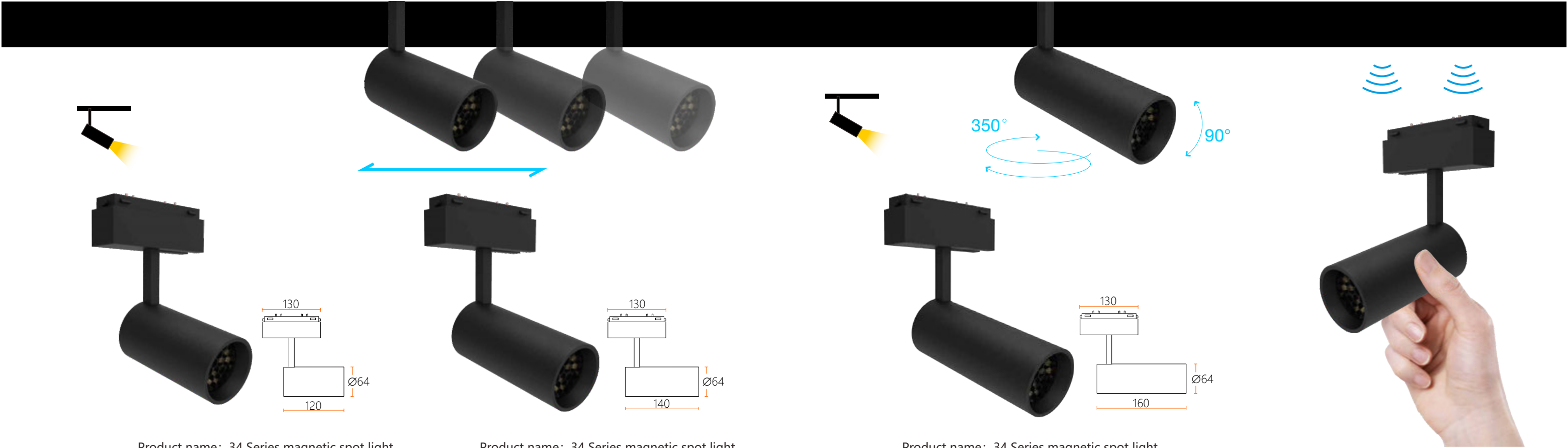


Applicable track



Color temperature comparison legend

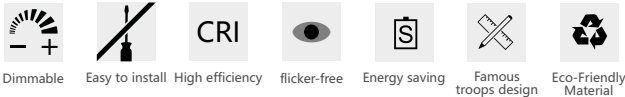




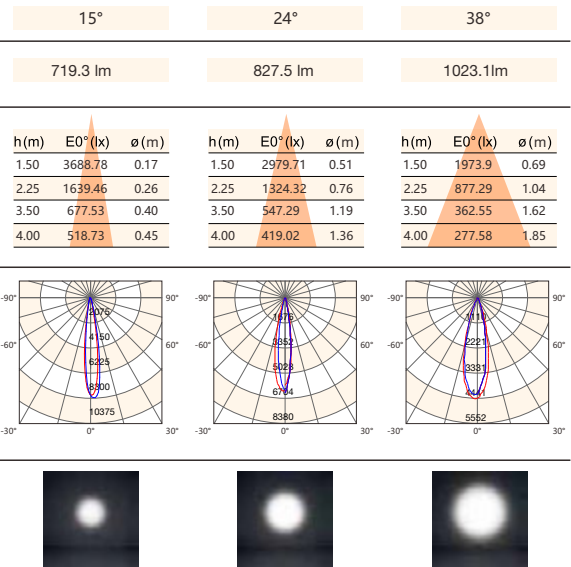
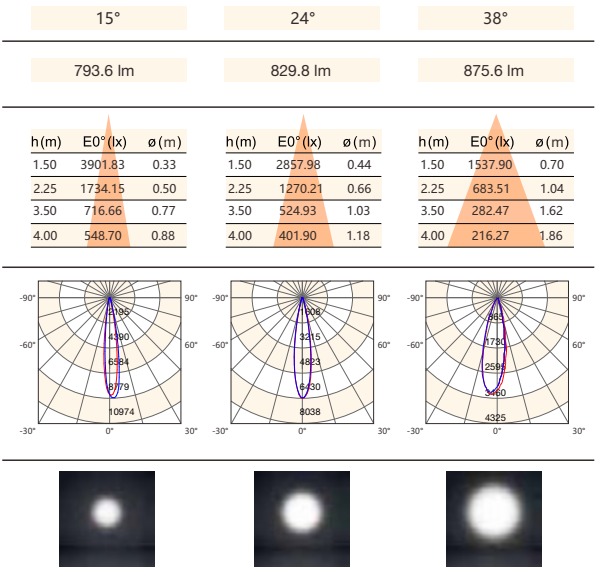
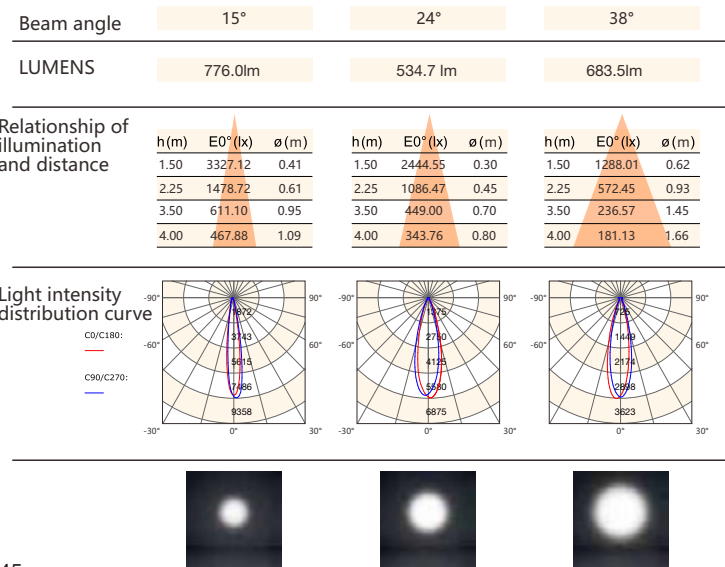
Product name: 34 Series magnetic spot light  
Product no.: TS-SD3464120/15W  
Size: Ø64\*L120mm  
Material: 6063 aluminum  
Color: Black/White  
IP rate: IP20  
Dimmable: Support  
Light source: Honourtek/Luminus  
Voltage: DC24V  
Power: 15W  
Color Temperature: 2700K/3000K/4000K  
CRI: ≥90  
Beam angle: 15°/24°/38°

Product name: 34 Series magnetic spot light  
Product no.: TS-SD3464140/18W  
Size: Ø64\*L140mm  
Material: 6063 aluminum  
Color: Black/White  
IP rate: IP20  
Dimmable: Support  
Light source: Honourtek/Luminus  
Voltage: DC24V  
Power: 18W  
Color Temperature: 2700K/3000K/4000K  
CRI: ≥90  
Beam angle: 15°/24°/38°

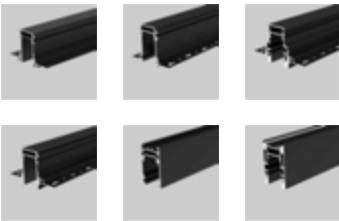
Product name: 34 Series magnetic spot light  
Product no.: TS-SD3464160/22W  
Size: Ø64\*L160mm  
Material: 6063 aluminum  
Color: Black/White  
IP rate: IP20  
Dimmable: Support  
Light source: Honourtek/Luminus  
Voltage: DC24V  
Power: 22W  
Color Temperature: 2700K/3000K/4000K  
CRI: ≥90  
Beam angle: 15°/24°/38°



Optical parameters



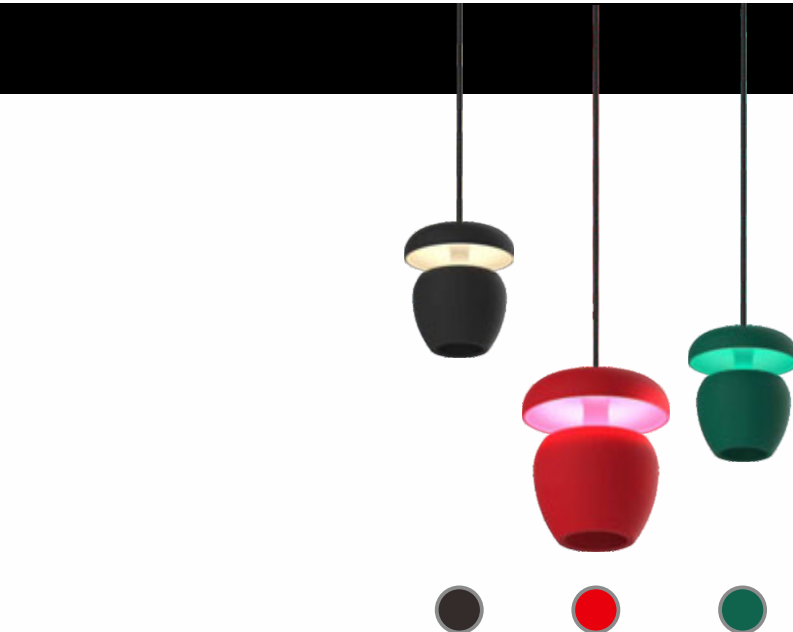
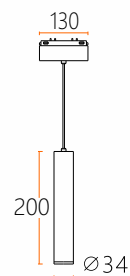
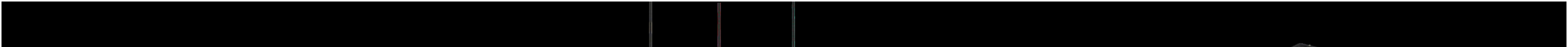
Applicable track



Color temperature comparison legend







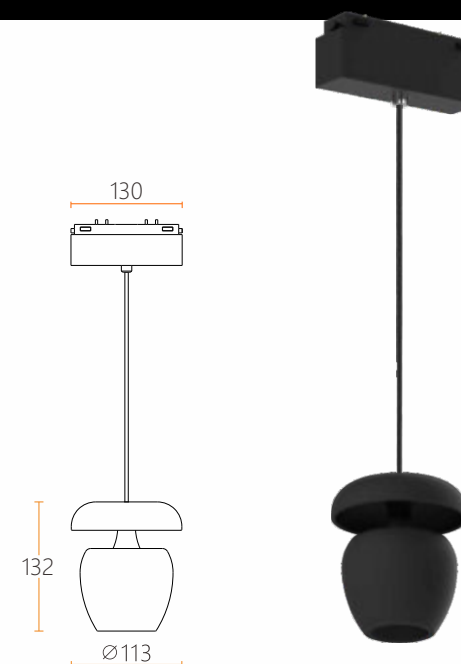
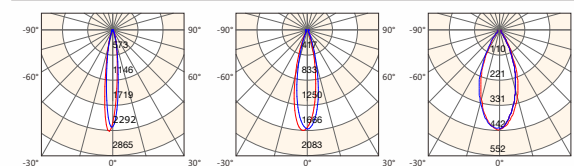
Applicable track



Product name: 34 Series magnetic pendant light  
Product no.: TS-DXD34200/5W  
Size: Ø34\*L200mm  
Material: 6063 aluminum  
Color: Black/White  
IP rate: IP20  
Dimmable: Support  
Light source: Honourtek/Luminus  
Voltage: DC24V  
Power: 5W/8W/10W  
Color Temperature: 2700K/3000K/4000K  
CRI: ≥90  
Beam angle: 15°/24°/38°

15°	24°	38°
345.3 lm	403.8 lm	258.5 lm

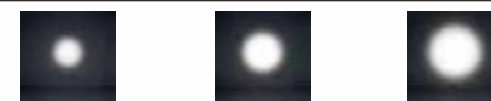
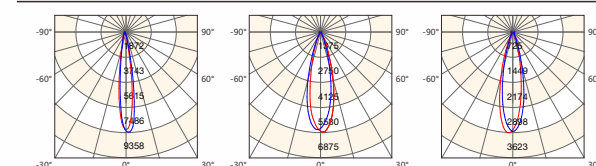
h(m)	E0°(lx)	ø(m)	h(m)	E0°(lx)	ø(m)	h(m)	E0°(lx)	ø(m)
1.50	1018.54	0.56	1.50	535.86	0.64	1.50	196.43	1.16
2.25	452.69	0.84	2.25	238.16	0.96	2.25	87.30	1.75
3.50	187.08	1.30	3.50	98.42	1.49	3.50	36.08	2.72
4.00	143.23	1.48	4.00	75.36	1.71	4.00	27.62	3.11

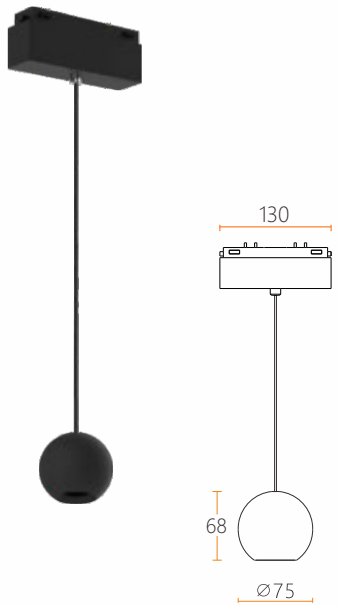
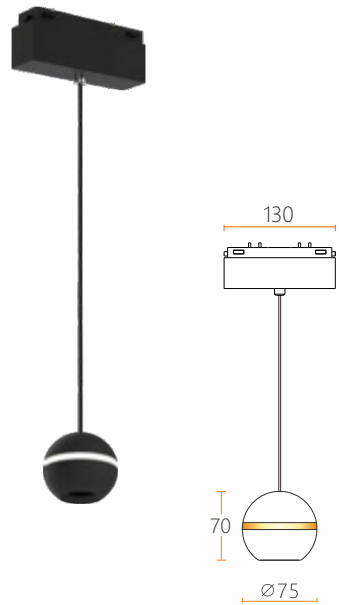


Product name: 34 Series magnetic pendant light  
Product no.: TS-DXD34113132/12W  
Size: Ø113\*132mm  
Material: 6063 aluminum  
Color: Black/Red/Green  
IP rate: IP20  
Dimmable: Support  
Light source: Honourtek/Luminus  
Voltage: DC24V  
Power: 12W  
Color Temperature: 2700K/3000K/4000K  
CRI: ≥90  
Beam angle: 15°/24°/38°

15°	24°	38°
776.0lm	534.7 lm	683.5lm

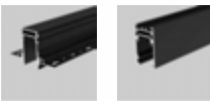
h(m)	E0°(lx)	ø(m)	h(m)	E0°(lx)	ø(m)	h(m)	E0°(lx)	ø(m)
1.50	3327.12	0.41	1.50	2444.55	0.30	1.50	1288.01	0.62
2.25	1478.72	0.61	2.25	1086.47	0.45	2.25	572.45	0.93
3.50	611.10	0.95	3.50	449.00	0.70	3.50	236.57	1.45
4.00	467.88	1.09	4.00	343.76	0.80	4.00	181.13	1.66





Product name: 34 Series magnetic pendant lamp ( side-emitting ball)  
Product no.: TS-DXD347570/5W/A  
Size: Ø75\*68mm  
Material: 6063 aluminum  
Color: Black/Red/Green  
IP rate: IP20  
Dimmable: Support  
Light source: Honourtek/Luminus  
Voltage: DC24V  
Power: 5W/8W  
Color Temperature: 2700K/3000K/4000K  
CRI: ≥90  
Beam angle: 15°/24°/38°

Applicable track

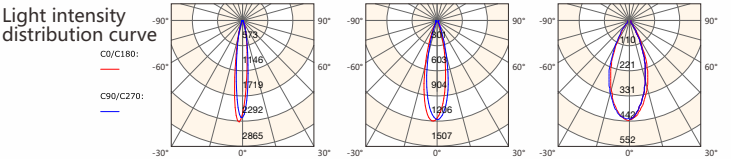


Product name: 34 Series magnetic pendant lamp  
Product no.: TS-DXD347568/5W/B  
Size: Ø75\*68mm  
Material: 6063 aluminum  
Color: Black/Red/Green  
IP rate: IP20  
Dimmable: Support  
Light source: Honourtek/Luminus  
Voltage: DC24V  
Power: 5W/8W  
Color Temperature: 2700K/3000K/4000K  
CRI: ≥90  
Beam angle: 15°/24°/38°

Optical parameters

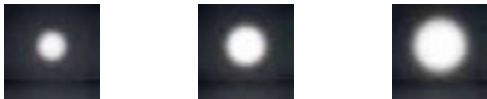
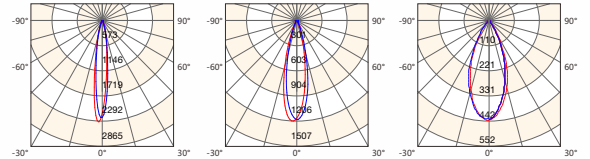
Beam angle	15°	24°	38°
LUMENS	345.3 lm	243.5 lm	258.5 lm

Relationship of illumination and distance	h(m)	E0°(lx)	ø (m)	h(m)	E0°(lx)	ø (m)	h(m)	E0°(lx)	ø (m)
	1.50	1018.54	0.56	1.50	535.86	0.64	1.50	196.43	1.16
	2.25	452.69	0.84	2.25	238.16	0.96	2.25	87.30	1.75
	3.50	187.08	1.30	3.50	98.42	1.49	3.50	36.08	2.72
	4.00	143.23	1.48	4.00	75.36	1.71	4.00	27.62	3.11

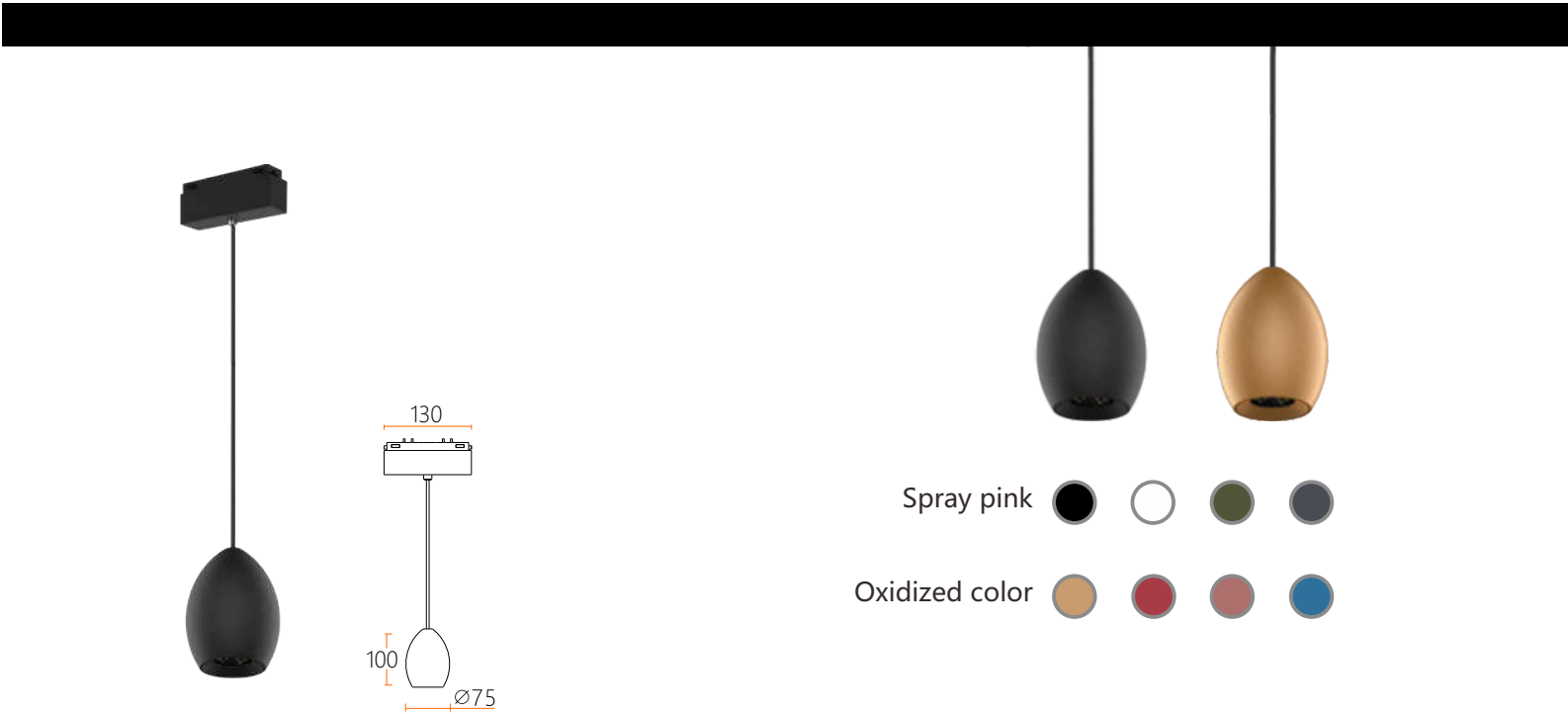


15°	24°	38°
345.3 lm	243.5 lm	258.5 lm

h(m)	E0°(lx)	ø (m)	h(m)	E0°(lx)	ø (m)	h(m)	E0°(lx)	ø (m)
1.50	1018.54	0.56	1.50	535.86	0.64	1.50	196.43	1.16
2.25	452.69	0.84	2.25	238.16	0.96	2.25	87.30	1.75
3.50	187.08	1.30	3.50	98.42	1.49	3.50	36.08	2.72
4.00	143.23	1.48	4.00	75.36	1.71	4.00	27.62	3.11



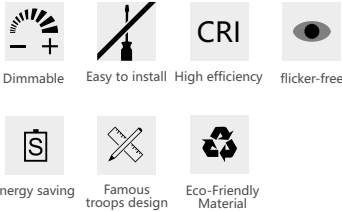
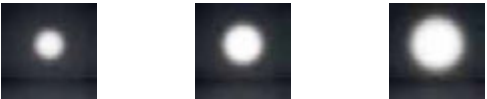
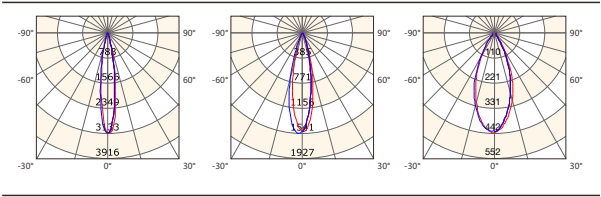




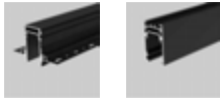
Product name: 34 Series magnetic pendant lamp  
Product no.: TS-DXD3475100/5W  
Size:  $\varnothing 75 \times 100 \text{mm}$   
Material: 6063 aluminum  
Color: Black/White/Green/Grey/Gold/Red/Blue  
IP rate: IP20  
Dimmable: Support  
Light source: Honourtek/Luminus  
Voltage: DC24V  
Power: 5W/8W  
Color Temperature: 2700K/3000K/4000K  
CRI:  $\geq 90$   
Beam angle: 15°/24°/38°

15°	24°	38°
406.7 lm	369.5 lm	258.5 lm

h(m)	E0°(lx)	ø(m)	h(m)	E0°(lx)	ø(m)	h(m)	E0°(lx)	ø(m)
1.50	1392.28	0.43	1.50	685.09	0.64	1.50	196.43	1.16
2.25	618.79	0.64	2.25	304.48	0.95	2.25	87.30	1.75
3.50	255.72	1.00	3.50	125.83	1.48	3.50	36.08	2.72
4.00	195.79	1.15	4.00	96.34	1.69	4.00	27.62	3.11



Applicable track

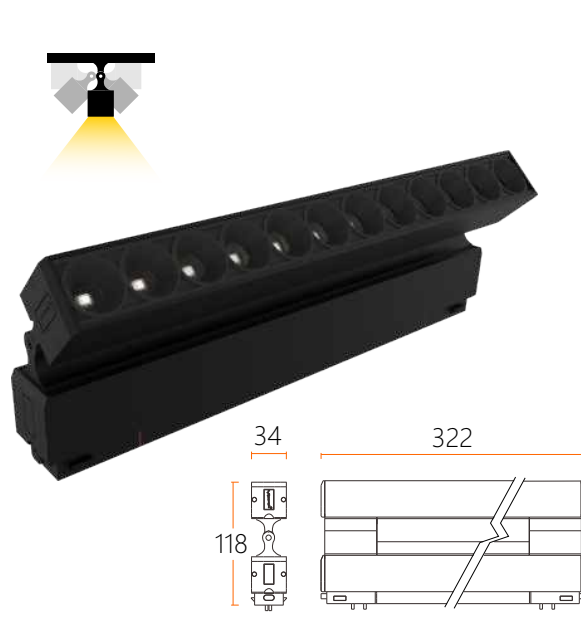


Color temperature comparison legend



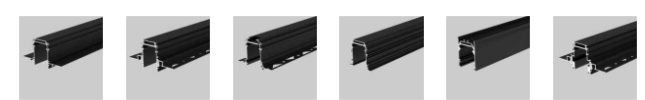




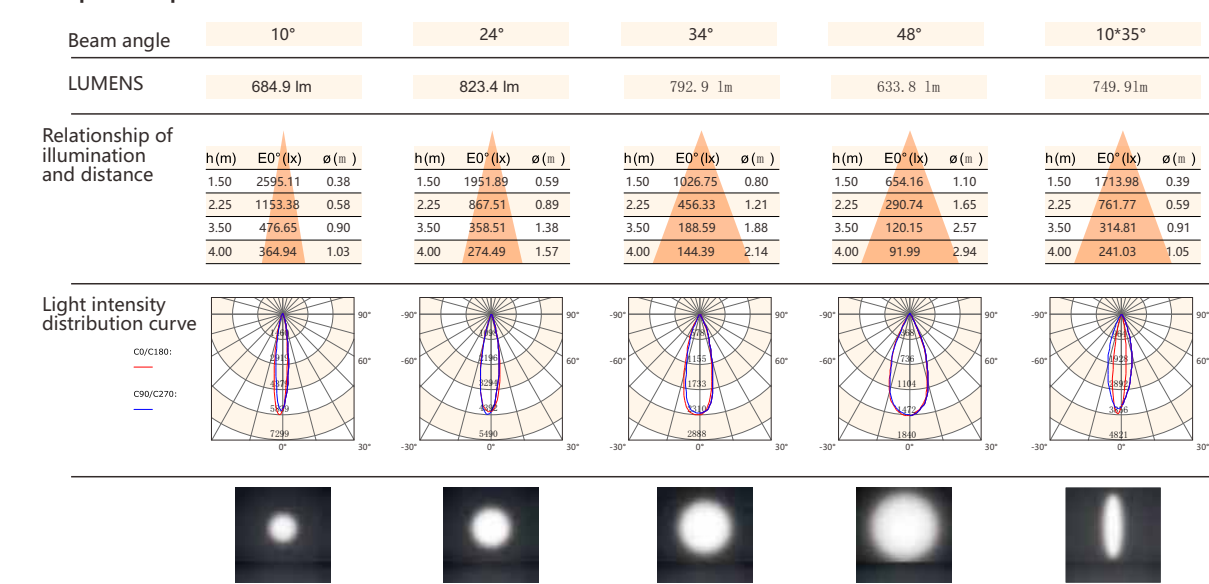


Product name: 34 Series magnetic 180° adjustable led linear spotlight  
Product no.: TS-GSD34118/L322/T12W/J  
Size: L322\*W34\*H118mm  
Material: 6063 aluminum  
Color: Black/White  
IP rate: IP20  
Dimmable: Support  
Light source: Osram  
Voltage: DC24V  
Power: 12W  
Color Temperature: 2700K/3000K/4000K  
CRI: ≥90  
Beam angle: 10°/24°/34°/48°/10°35°

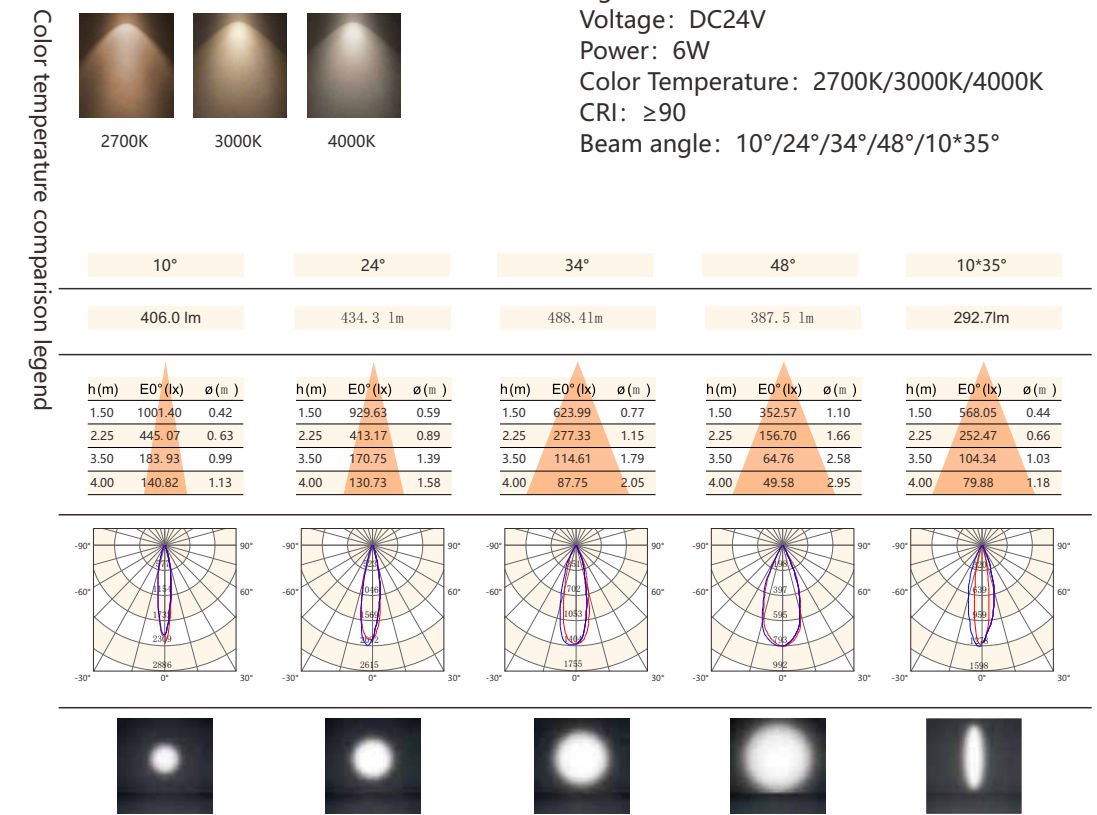
Applicable track

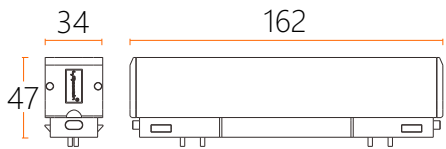
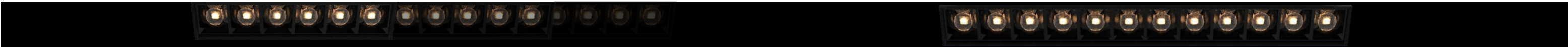


### Optical parameters

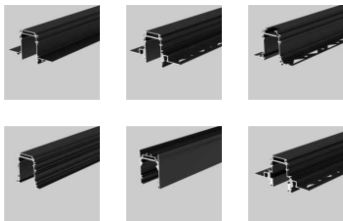


Color temperature comparison legend

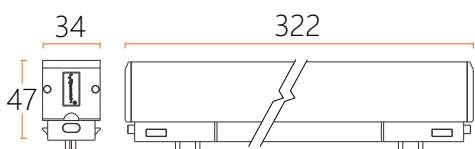




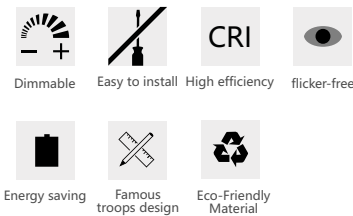
Applicable Track



Color temperature comparison legend

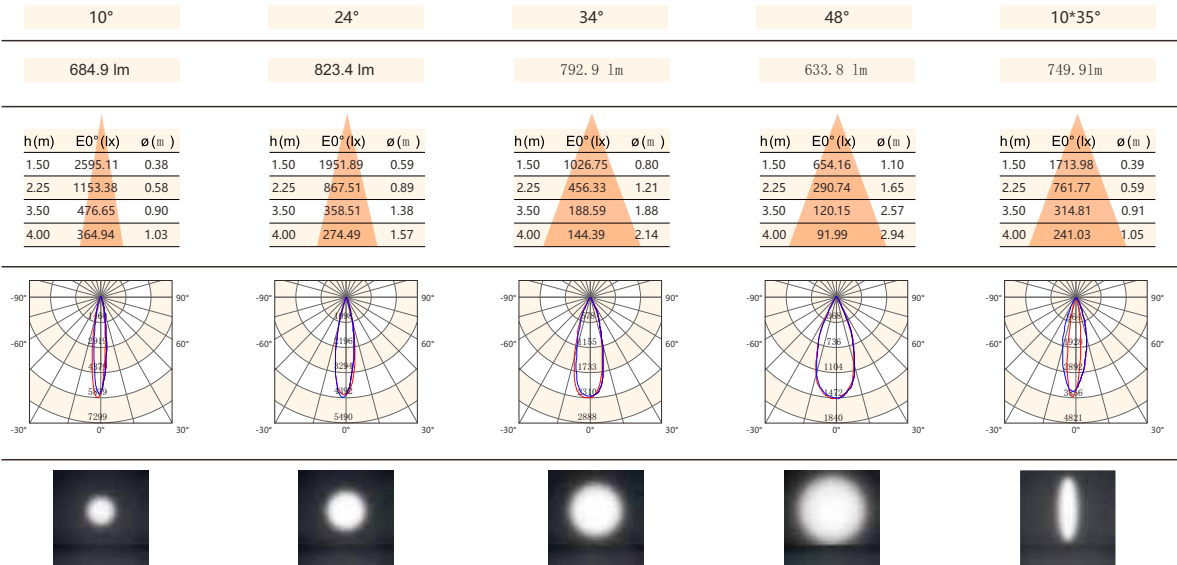
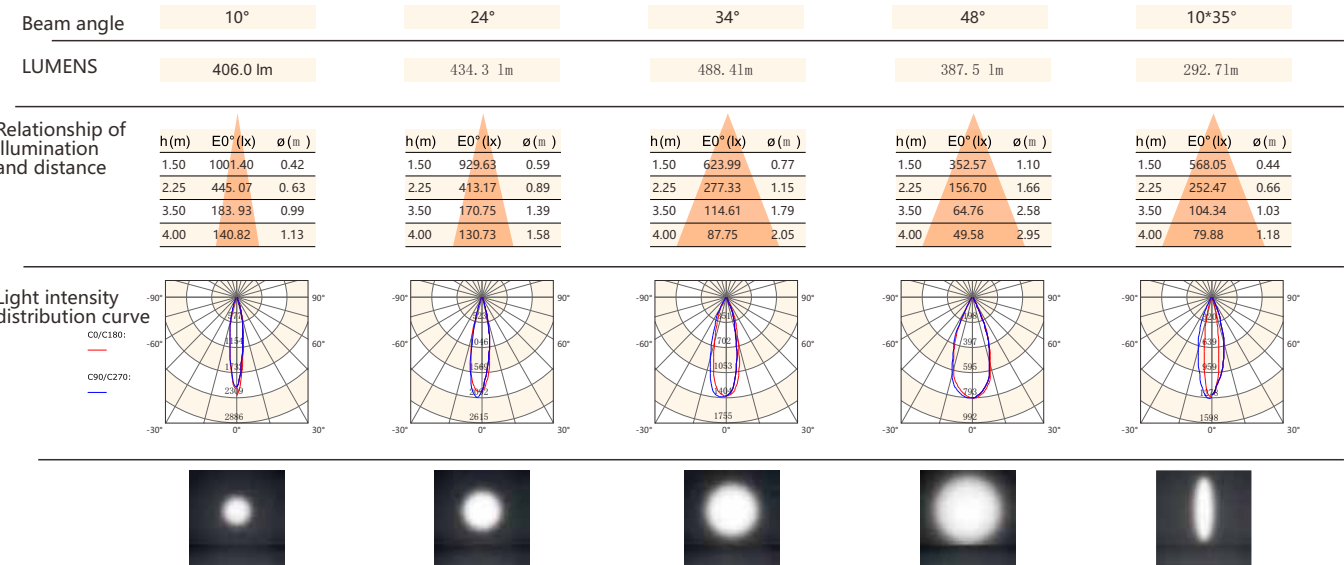


Product name: 34 Series magnetic 180°adjustable led linear spotlight  
Product no.: TS-GSD3447/L162/6W/J  
Size: L162\*W34\*H47mm  
Material: 6063 aluminum  
Color: Black/White  
IP rate: IP20  
Dimmable: Support  
Light source: Osram  
Voltage: DC24V  
Power: 6W  
Color Temperature: 2700K/3000K/4000K  
CRI: ≥90  
Beam angle: 10°/24°/34°/48°/10°35°



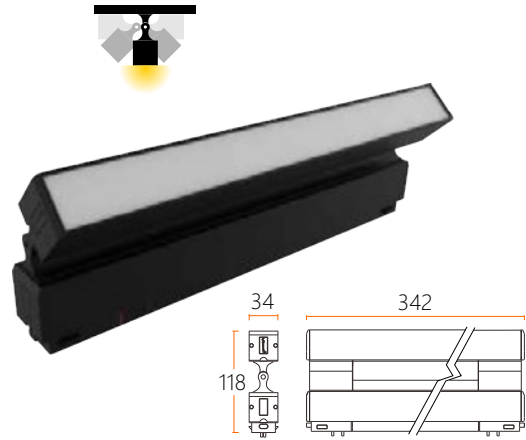
Product name: 34 Series magnetic 180°adjustable led linear spotlight  
Product no.: TS-GSD3447/L322/12W/J  
Size: L322\*W34\*H47mm  
Material: 6063 aluminum  
Color: Black/White  
IP rate: IP20  
Dimmable: Support  
Light source: Osram  
Voltage: DC24V  
Power: 12W  
Color Temperature: 2700K/3000K/4000K  
CRI : ≥90  
Beam angle: 10°/24°/34°/48°/10°35°

Optical parameters







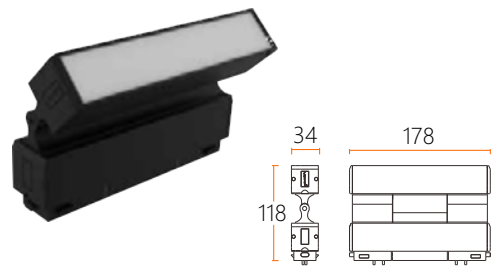
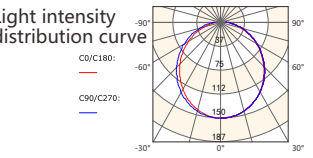


Product name: 34 Series magnetic 3 sides  
light emitting led linear light  
Product no.: TS-PMD34118/L342/T15W/J  
Size: L342\*W34\*H118mm  
Material: 6063 aluminum  
Color: Black/White  
IP rate: IP20  
Dimmable: Support  
Light source: Osram  
Voltage: DC24V  
Power: 15W  
Color Temperature: 2700K/3000K/4000K  
CRI:  $\geq 90$   
Beam angle: 100°

### Optical parameters

Beam angle	100°
LUMENS	406.7 lm

Relationship of illumination and distance	h(m)	E0°(lx)	ø(m)
	1.50	66.44	3.94
	2.25	29.53	5.91
	3.50	12.20	9.19
	4.00	9.34	10.51

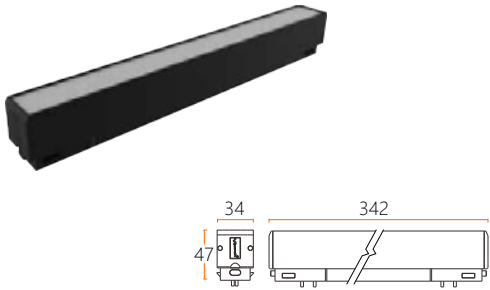
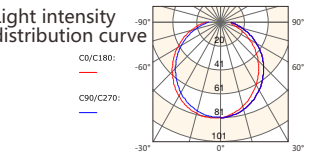


Product name: 34 Series magnetic  
180°adjustable led linear light  
Product no.: TS-PMD34118/L178/T8W/J  
Size: L178\*W34\*H118mm  
Material: 6063 aluminum  
Color: Black/White  
IP rate: IP20  
Dimmable: Support  
Light source: Osram  
Voltage: DC24V  
Power: 8W  
Color Temperature: 2700K/3000K/4000K  
CRI:  $\geq 90$   
Beam angle: 100°

### Optical parameters

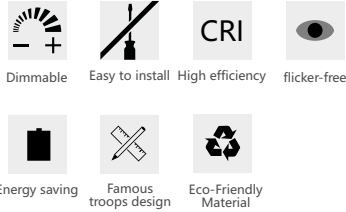
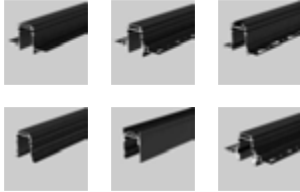
Beam angle	100°
LUMENS	234.1 lm

Relationship of illumination and distance	h(m)	E0°(lx)	ø(m)
	1.50	36.02	4.19
	2.25	16.01	6.28
	3.50	6.62	9.77
	4.00	5.06	11.17



Product name: 34 Series magnetic led linear light  
Product no.: TS-PMD3447/L342/15W/J  
Size: L342\*W34\*H47mm  
Material: 6063 aluminum  
Color: Black/White  
IP rate: IP20  
Dimmable: Support  
Light source: Osram  
Voltage: DC24V  
Power: 15W  
Color Temperature: 2700K/3000K/4000K  
CRI:  $\geq 90$   
Beam angle: 100°

### Applicable Track



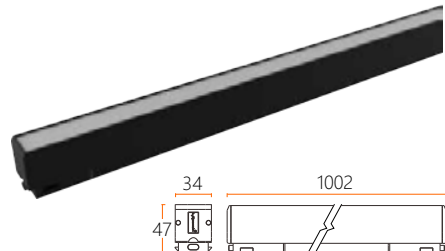
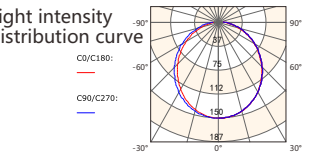
### Color temperature comparison legend



### Optical parameters

Beam angle	100°
LUMENS	406.7 lm

Relationship of illumination and distance	h(m)	E0°(lx)	ø(m)
	1.50	66.44	3.94
	2.25	29.53	5.91
	3.50	12.20	9.19
	4.00	9.34	10.51

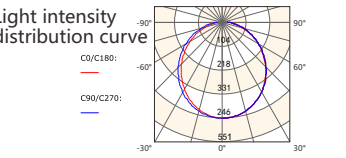


Product name: 34 Series magnetic led linear light  
Product no.: TS-PMD3447/L1002/40W/J  
Size: L1002\*W34\*H47mm  
Material: 6063 aluminum  
Color: Black/White  
IP rate: IP20  
Dimmable: Support  
Light source: Osram  
Voltage: DC24V  
Power: 40W  
Color Temperature: 2700K/3000K/4000K  
CRI:  $\geq 90$   
Beam angle: 100°

### Optical parameters

Beam angle	100°
LUMENS	1160.5 lm

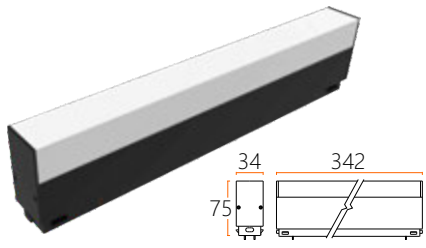
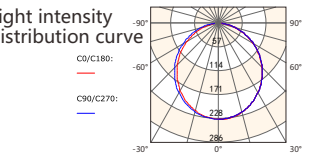
Relationship of illumination and distance	h(m)	E0°(lx)	ø(m)
	1.50	203.11	4.20
	2.25	86.14	6.30
	3.50	36.30	9.82
	4.00	27.56	11.21



### Optical parameters

Beam angle	100°
LUMENS	614.8 lm

Relationship of illumination and distance	h(m)	E0°(lx)	ø(m)
	1.50	101.55	3.99
	2.25	45.13	5.98
	3.50	18.65	9.30
	4.00	14.28	10.63

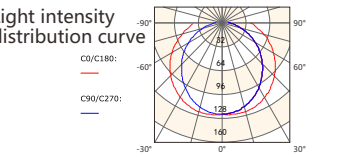


Product name: 34 Series magnetic 3 sides  
light emitting led linear light  
Product no.: TS-SMD3475/L342/15W/J  
Size: L342\*W34\*H75mm  
Material: 6063 aluminum  
Color: Black/White  
IP rate: IP20  
Dimmable: Support  
Light source: Osram  
Voltage: DC24V  
Power: 15W  
Color Temperature: 2700K/3000K/4000K  
CRI:  $\geq 90$   
Beam angle: 140°

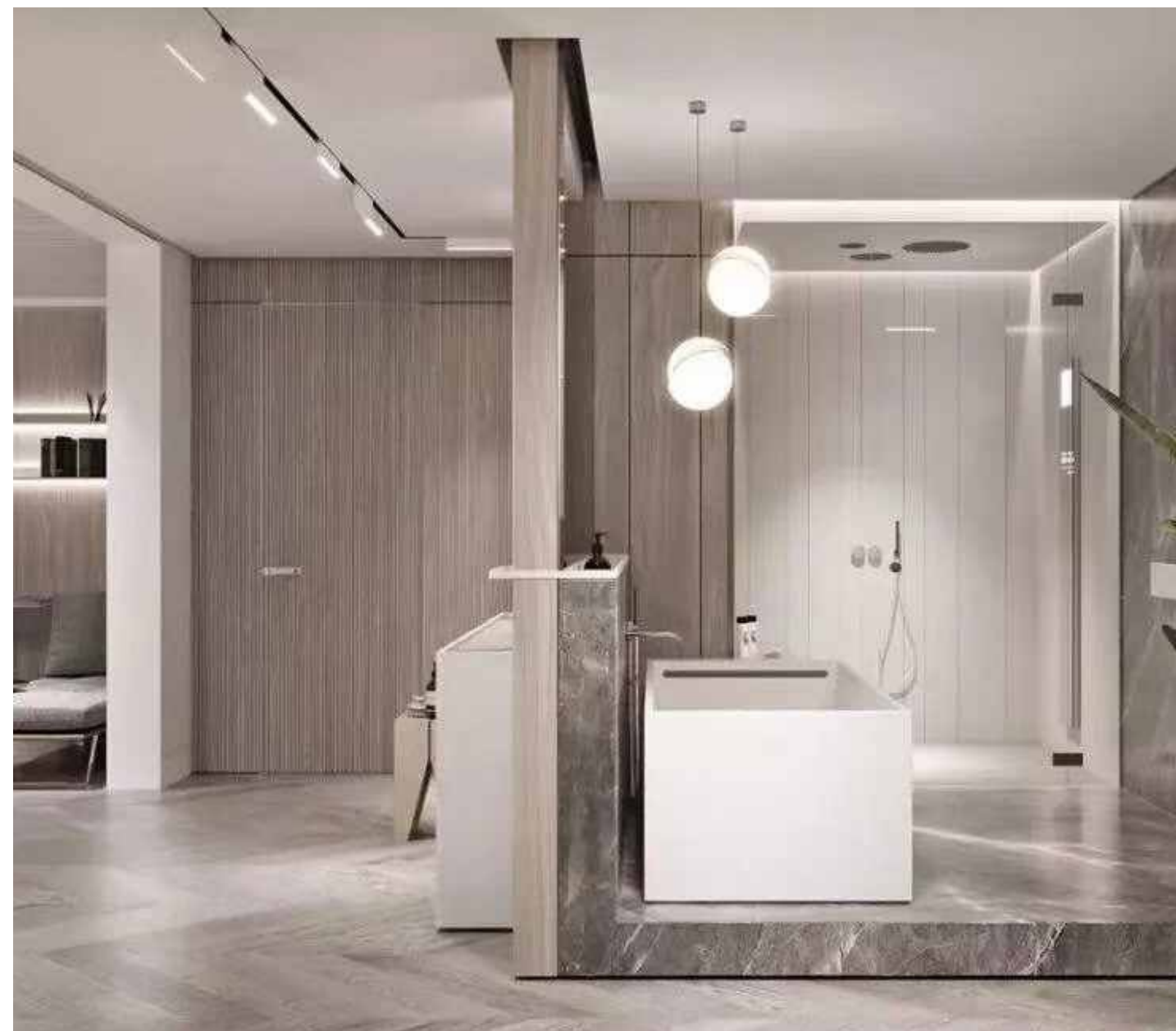
### Optical parameters

Beam angle	140°
LUMENS	439.7 lm

Relationship of illumination and distance	h(m)	E0°(lx)	ø(m)
	1.50	56.75	8.45
	2.25	25.22	12.68
	3.50	10.42	19.72
	4.00	7.98	22.53

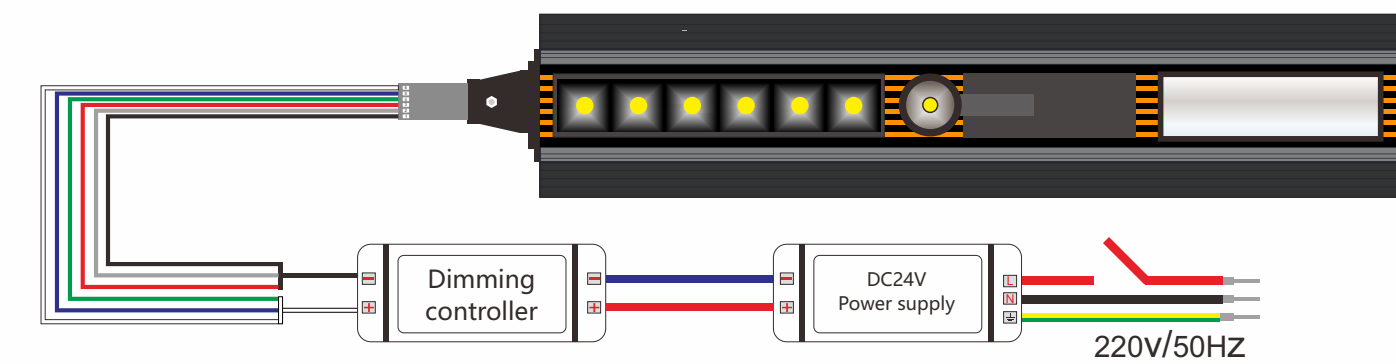




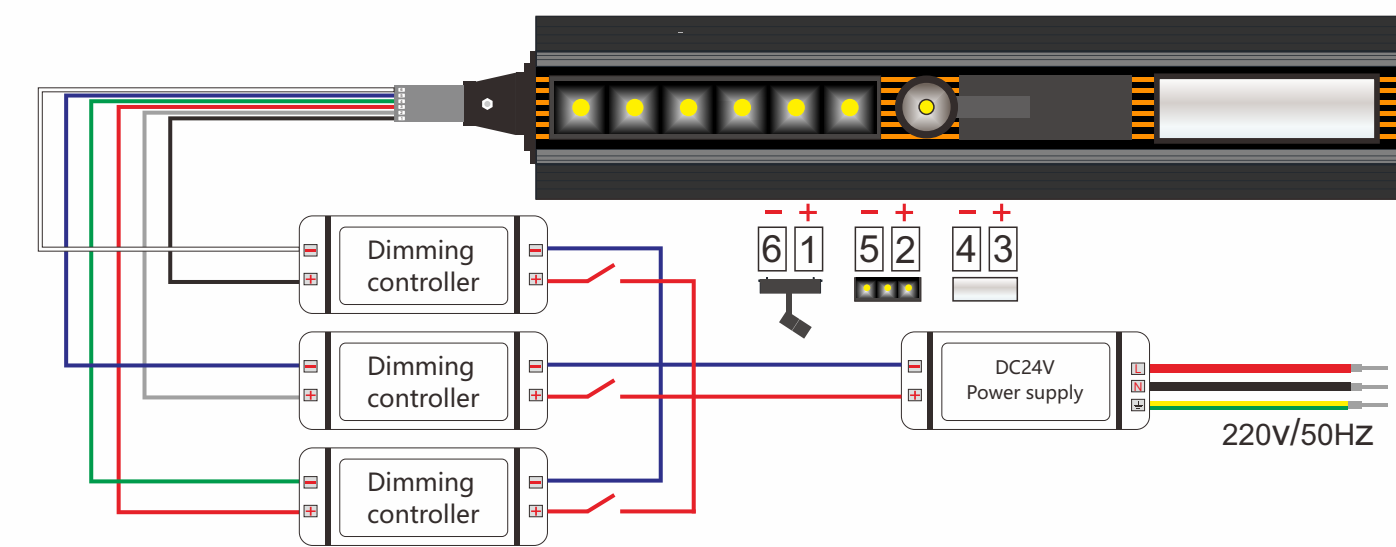


# The default factory control setting connection method

## Single group of conventional rectification control mode



## Three groups of conventional sub-control control methods

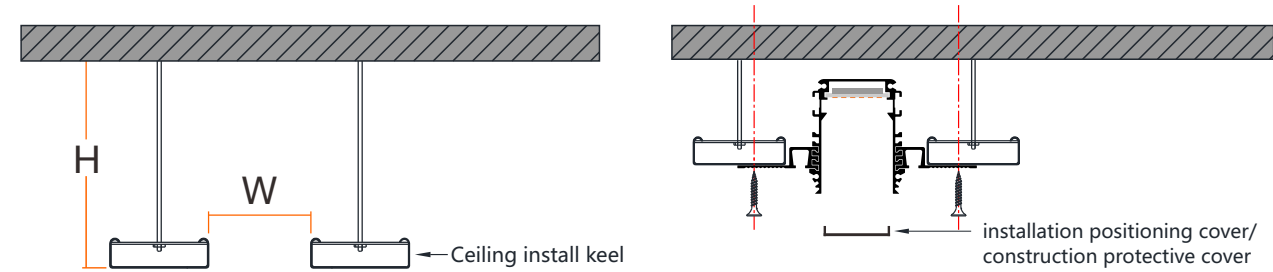


### Warning:

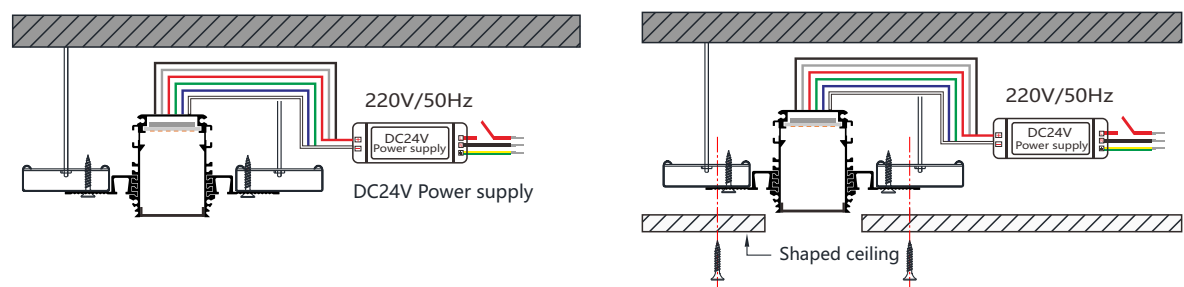
1. The complete lighting system is powered by DC24V switching power supply. When matching the power supply, the total power of the switching power supply shall be more than 20% of the power of the lamps.
2. In order to minimize the voltage drop, the installation length of lamp track is no more than 5m. 5m is a group of separate branch power supply. If necessary, 3M is recommended for a group of separate branch power supply.
3. The default factory control setting of the product is the wiring mode (as shown in the figure above). If there are special requirements for the control mode, please contact and communicate with the manufacturer. Do not change the line and control mode without permission.
4. Under no circumstances shall the lamp be covered by thermal insulation gasket or similar materials!



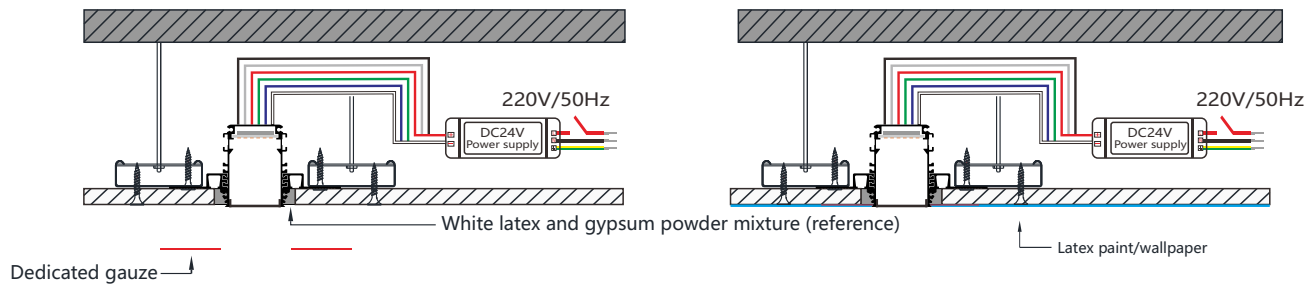
Recessed installation method-keel structure



- Reserve track installation space according to track hole cutting size.
- Cover the track with "installation positioning cover or construction protective cover"; Then insert the track into the installation slot and fix the track with self tapping screws.

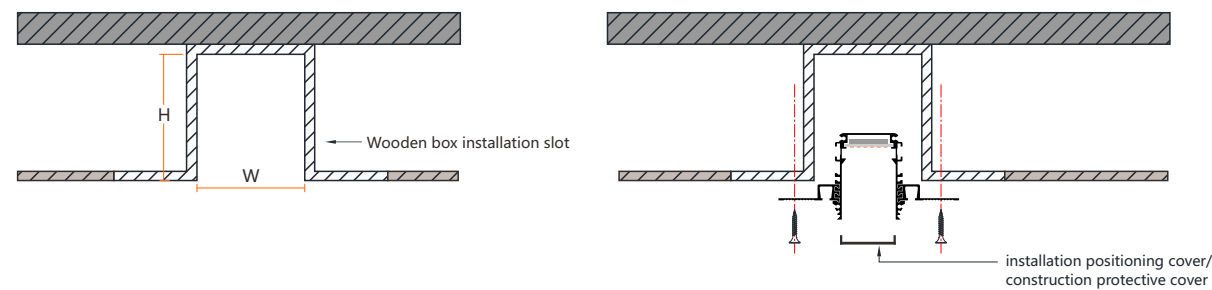


- Connect the track power supply system (see wiring diagram for details)
- 4 Confirm that the power supply system is fully connected, and ensure that the whole track power supply is unblocked, and then install the shaped ceiling.

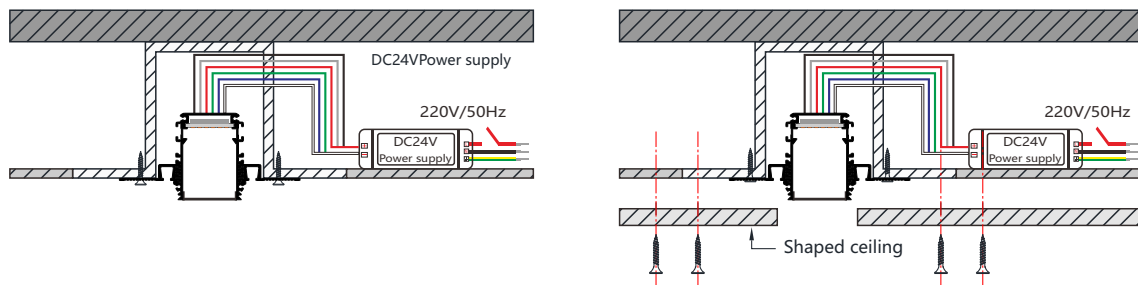


- 5 Fill the gap between the track and the ceiling with white emulsion glue and gypsum powder (Reference), and then stick it with special emery cloth. After the seam is repaired, it will be dry
- 6 Finish the ceiling with emulsion paint, wallpaper or others. After finishing the ceiling, remove the installation positioning cover or construction protective cover, then install lamps and turn on the power.

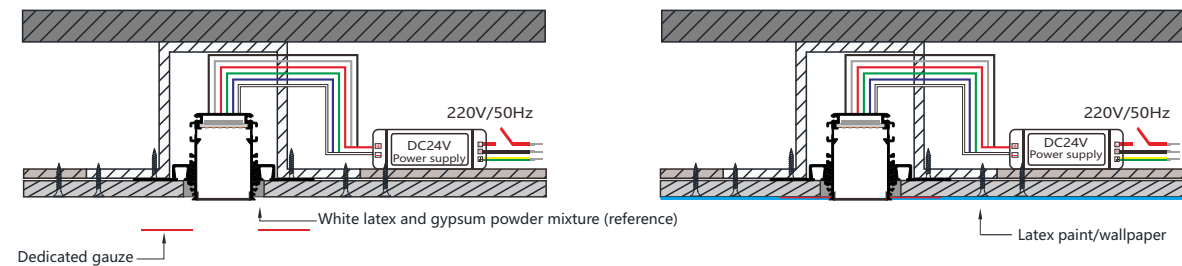
Recessed installation method-wooden box structure



- Make wooden box installation slot and reserve track installation space according to track hole cutting size.
- 2 Cover the track with "installation positioning cover or construction protection cover", fix the fabricated wooden box installation slot, insert the track into the installation slot and fix the track with self tapping screws



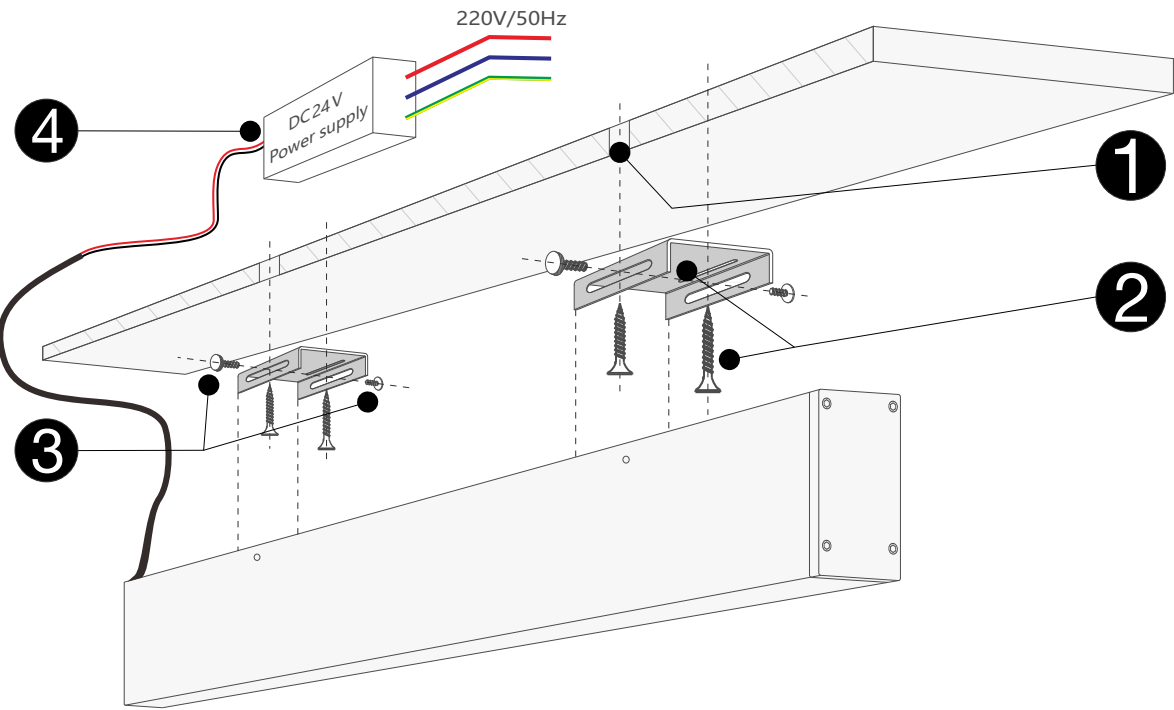
- Connect the track power supply system (see wiring diagram for details)
- 4 Confirm that the power supply system is fully connected, and ensure that the whole track power supply is unblocked, and then install the shaped ceiling.



- 5 Fill the gap between the track and the ceiling with white emulsion glue and gypsum powder (Reference), and then stick it with special emery cloth. After the seam is repaired, it will be dry
- 6 Finish the ceiling with emulsion paint, wallpaper or others. After finishing the ceiling, remove the installation positioning cover or construction protective cover, then install lamps and turn on the power.

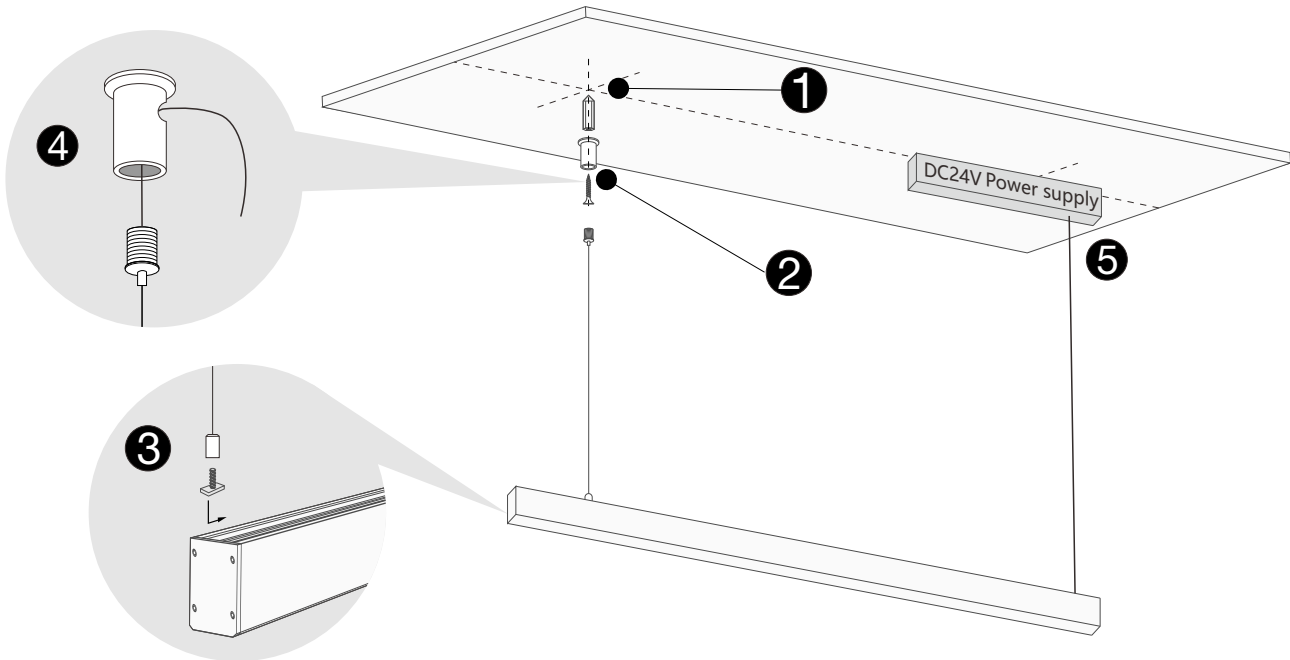
# Installation method: Suspended/Surface mount

## Surface mount installation guide



- 1 Determine the installation position of the track, drill holes according to the hole positions of the track, and install expansion screws (if it is a wooden board, directly tap the self-tapping screws).
- 2 Fix the rail hanging plate with screws.
- 3 Put the track into the hanging plate, align the screw holes, and tighten the screws to fix the lamp.
- 4 Connect the DC24V power supply (refer to the wiring diagram for the connection method) to ensure that the power supply is unblocked, install the lamps and turn on the switch.

## Suspension installation guide



- 1 Determine the installation position of the track, drill holes according to the hole positions of the track, and install expansion screws (if it is a wooden board, directly tap the self-tapping screws).
- 2 Fix the lamp suspension accessories with screws
- 3 Clamp the suspension accessories at the rail end into the rail along the clamping slot, fix the position and then tighten the nuts on the suspension steel wire. String the steel wire first according to the drawing, then tighten the plug, and adjust the suspension height of the rail with steel wire.
- 4 Connect the DC24V power supply (refer to the wiring diagram for the connection method) to ensure that the power supply is unblocked, install the lamps and turn on the switch.



