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LED ZENITH IN FURNITURE

MINALOX®

APPLICATION MANUAL

MINALOX®

LED ZENITH
IN FURNITURE

CONTENTS

OUR ADVANTAGE

1 After-80s Energetic Team

>> ALL after 80s young team, dynamism and experience coexist

2 Focus On Small Area

>> Today's only focus- LED cabinet lighting furniture system solutions

3 OEM & ODM Welcome

>> Custom-made service without MOQ and free OEM

4 3 Years Warranty

>> 3 Years warranty, quality guaranteed

5 Professional R&D Team

>> Professional R&D team, monthly new product release

6 10 Years LED Factory Experience

>> 10 Years rich experience in LED production, all CRI up to 90

Part1
Power Series

LED Driver
Constant voltage
Model: P1260F-CE 50/60Hz PF>0.9
Input: 220-240Vac 5A 60W
Output: 12VDC 5A
ta: 40℃ tc:80℃
RoHS SELV
MADE IN CHINA 20210608

LED Driver
Constant voltage
Model: P1236F-CE 50/60Hz 36W
Input: 220-240Vac 3A
Output: 12VDC 3A
ta: 40℃ tc:80℃
RoHS
MADE IN CHINA

LED power supply different series

① Serial number: F

② Serial number: A

③ Serial number: D

④ Serial number: E

CN	UK	AU	EU	US	JP

LED Driver is the power supply converter which coverts the power into right voltage which makes led glow normally. It can be divided into two types: constant current and constant voltage. LZ lighting uses constant voltage type. Which is very flexible in lighting solutions. One-way LED failure does not affect the work of other ways.

As for LED Driver, Power factor, Efficiency, Temperature, Short-circuit protection, Overload protection.etc are important points to measure the lifespan and safety. LED driver's function plays a vital role in lighting solutions just like a person's heart.

Serial number: F

Constant voltage power supply

P1215F-CE
P1224F-CE
P1236F-CE
P1260F-CE
P12100F-CE

P1215F-CE   Constant voltage power supply
P1224F-CE   Constant voltage power supply

Item No.	P1215F-CE	P1224F-CE
Dimension	125x45x18mm	
Input Voltage	AC220-240V	
Output Voltage	DC12V	
Max Wattage	15W	24W
Power factor	>0.5	
Protection Rating	IP20	
Certifiction	CE/EMC/CCC/ROHS	

P1215F-CE   P1224F-CE

4 Holes Output   This Hole-Separate Switch Control
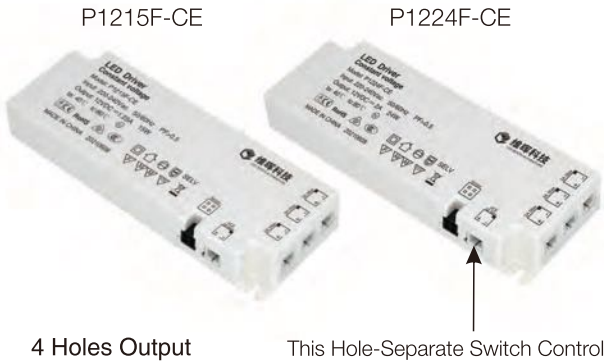
P1236F-CE   Constant voltage power supply

Dimension	144x50x18mm
Input Voltage	AC220-240V
Output Voltage	DC12V
Max Wattage	36W
Power factor	>0.9
Protection Rating	IP20
Certifiction	CE/EMC/CCC/ROHS

5 Holes Output
This Hole-Separate Switch Control

P1260F-CE   Constant voltage power supply

Dimension	172x62x18mm
Input Voltage	AC220-240V
Output Voltage	DC12V
Max Wattage	60W
Power factor	>0.9
Protection Rating	IP20
Certifiction	CE/EMC/CCC/ROHS

6 Holes Output
This Hole-Separate Switch Control
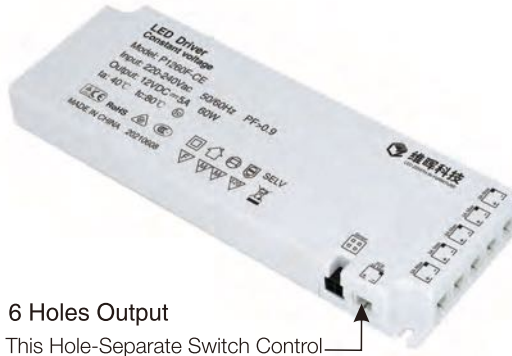
P12100F-CE   Constant voltage power supply

Dimension	201x71x18mm
Input Voltage	AC220-240V
Output Voltage	DC12V
Max Wattage	100W
Power factor	>0.9
Protection Rating	IP20
Certifiction	CE/EMC/CCC/ROHS

7 Holes Output
This Hole-Separate Switch Control
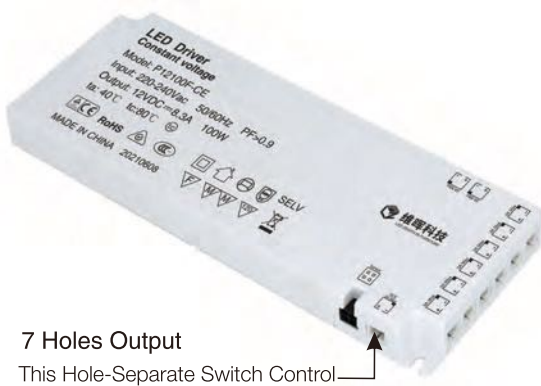
Serial number: A

Constant voltage power supply

P1215A-EU
P1224A-EU
P1236A-EU
P1260A-EU

P1215A-EU　Constant voltage power supply

Dimension	76x38x23mm
Input Voltage	AC100-240V
Output Voltage	DC12V
Max Wattage	15W
Power factor	>0.5
Protection Rating	IP20
Certification	UL/CE/ROHS

P1224A-EU　Constant voltage power supply

Dimension	95x44x23mm
Input Voltage	AC100-240V
Output Voltage	DC12V
Max Wattage	24W
Power factor	>0.5
Protection Rating	IP20
Certifiction	UL/CE/ROHS
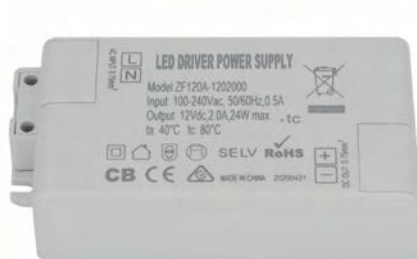
P1236A-EU　Constant voltage power supply

Dimension	114x45x23mm
Input Voltage	AC100-240V
Output Voltage	DC12V
Max Wattage	36W
Power factor	>0.9
Protection Rating	IP20
Certifiction	UL/CE/ROHS

P1260A-EU　Constant voltage power supply

Dimension	114x45x23mm
Input Voltage	AC100-240V
Output Voltage	DC12V
Max Wattage	60W
Power factor	>0.9
Protection Rating	IP20
Certifiction	UL/CE/ROHS

Serial number: D

Constant voltage power supply

P12100D-EF
P12150D-EF
P12250D-EF
P12350D-EF

P12100D-EF Constant voltage power supply

Dimension	140x49x29mm
Input Voltage	AC100-130 / 170-250V
Output Voltage	DC12V
Max Wattage	100W
Power factor	/
Protection Rating	IP20
Certifiction	FCC/CE/ROHS

P12150D-EF Constant voltage power supply

Dimension	195x49x29mm
Input Voltage	AC100-130 / 170-250V
Output Voltage	DC12V
Max Wattage	150W
Power factor	/
Protection Rating	IP20
Certifiction	FCC/CE/ROHS

P12250D-EF   Constant voltage power supply

Dimension	230x64x35mm
Input Voltage	AC100-130 / 170-250V
Output Voltage	DC12V
Max Wattage	250W
Power factor	/
Protection Rating	IP20
Certifiction	FCC/CE/ROHS

P12350D-EF   Constant voltage power supply

Dimension	230x64x35mm
Input Voltage	AC100-130 / 170-250V
Output Voltage	DC12V
Max Wattage	350W
Power factor	/
Protection Rating	IP20
Certifiction	FCC/CE/ROHS

Serial number: E

Constant voltage power supply

P1224E-EU
P1236E-EU
P1260E-EU

P1224E-EU Constant voltage power supply

Dimension	96x44x23mm
Input Voltage	AC100-240V
Output Voltage	DC12V
Max Wattage	24W
Power factor	0.5
Protection Rating	IP20
Certifiction	UL/CE/ROHS

P1236E-EU Constant voltage power supply

Dimension	96x44x23mm
Input Voltage	AC100-240V
Output Voltage	DC12V
Max Wattage	36W
Power factor	0.9
Protection Rating	IP20
Certifiction	UL/CE/ROHS

P1260E-EU Constant voltage power supply

Dimension	155x55x22mm
Input Voltage	AC100-240V
Output Voltage	DC12V
Max Wattage	60W
Power factor	0.9
Protection Rating	IP20
Certifiction	UL/CE/ROHS

Part 2
Sensor Switch Series

Options In Switch Series

1. IR Sensor Switch Series S2 / S3

2. Touch Switch Series S4

3. PIR Sensor Series S6

4. Mirror Touch Switch Series S7

5. Smart Wireless LED Remote Controller S5

6. High Voltage Switch G

7. Bluetooth Stair Light Controller

8. Mechanical Switch S1

Sensor switches in different applications!

IR Sensor Switch Series S2 / S3

The Switch has a built-in reflective infrared sensor, which is composed of a transmitting diode and a receiving diode; the sensor transmitting diode emits an infrared pulse signal. When an object approaches the sensor within the detection range. the sensor's receiving diode receives the reflected infrared pulse signal. After that the internal chip of the switch would be processed it and then control led light.

A4

MINALOX®

8mm (dia)

Single

Double

○ White
● Black

INSTALLATION

1 Recessed Mounting
② Cable hole size:8mm(Dia)
① Switch hole size: 8mm(Dia), 14mm(Depth)

2 Surfaced Mounting
Note: The distance between door and the head of Switch< 10mm
① Cable hole size:8mm(Dia)
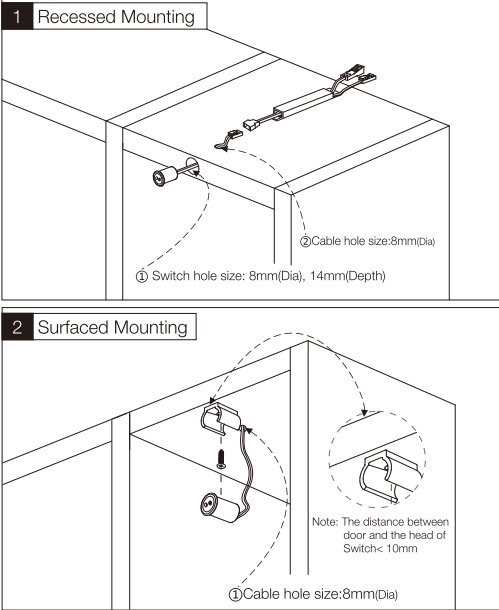
TECHNICAL DATA

Item No.:	S2A-A4	S3A-A4	S2A-2A4	S3A-2A4
Function	Single door trigger	Single hand shaking	Double door trigger	Double hand shaking
Voltage	DC12V / DC24V			
Max Wattage	60W			
Detecting Range	5-8cm			
Dimension	Ø11x14mm(Recessed), 13x10x8mm(Surface clips)			
Protection Rating	IP20			

8mm
Ø10mm
Ø10mm
Ø10mm
Ø10mm
Ø8mm
14mm

A0

3M Sticker

Silver

INSTALLATION

Installation: 3M tape

① Cable hole size:10mm(Dia)
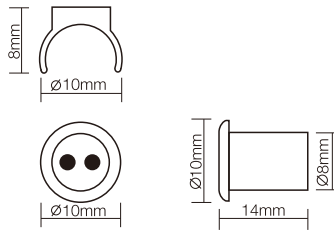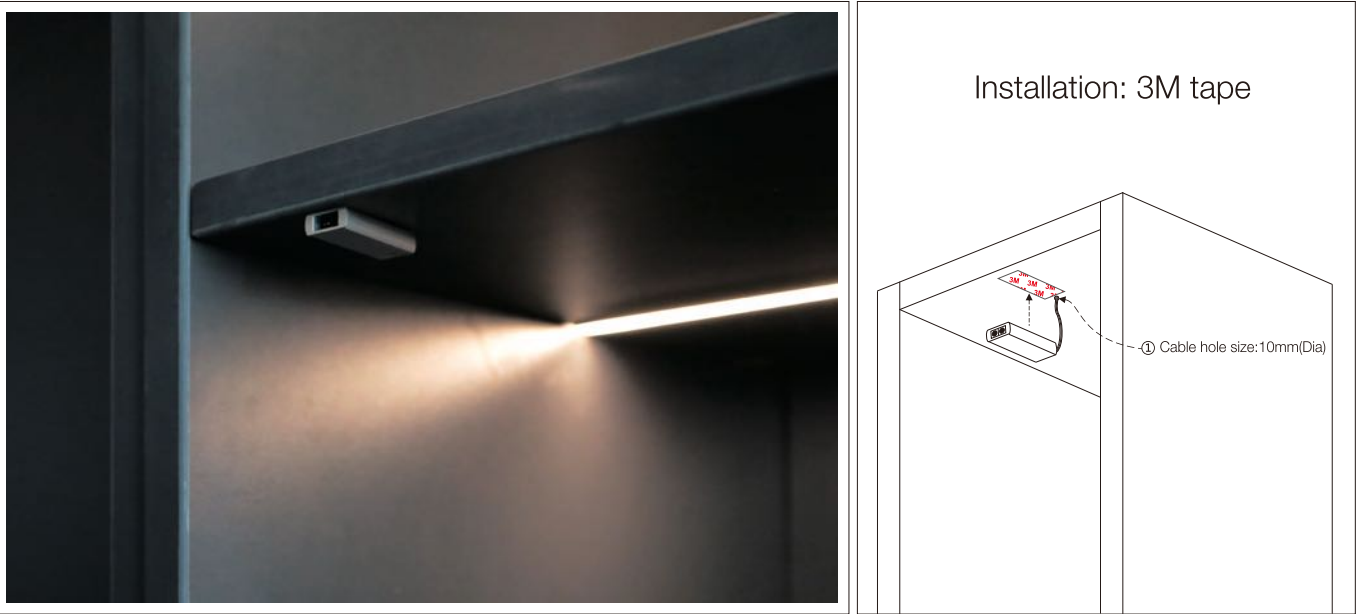
TECHNICAL DATA

Item No.:	S2A-A0
Function	Door trigger
Voltage	DC12V / DC24V
Max Wattage	60W
Detecting Range	5~8cm
Dimension	38x15x7mm
Protection Rating	IP20

15mm
7mm
38mm

A1

14mm (dia)

White

INSTALLATION

1 Recessed Mounting

②Cable hole size:10mm(Dia)
① Switch hole size: 14mm(Dia), 38mm(Depth)

2 Surfaced Mounting

Note: The distance between door and the head of Switch< 10mm

①Cable hole size:10mm(Dia)
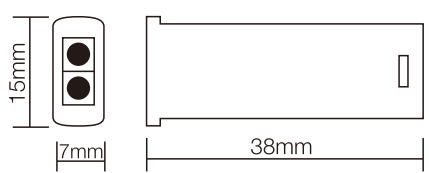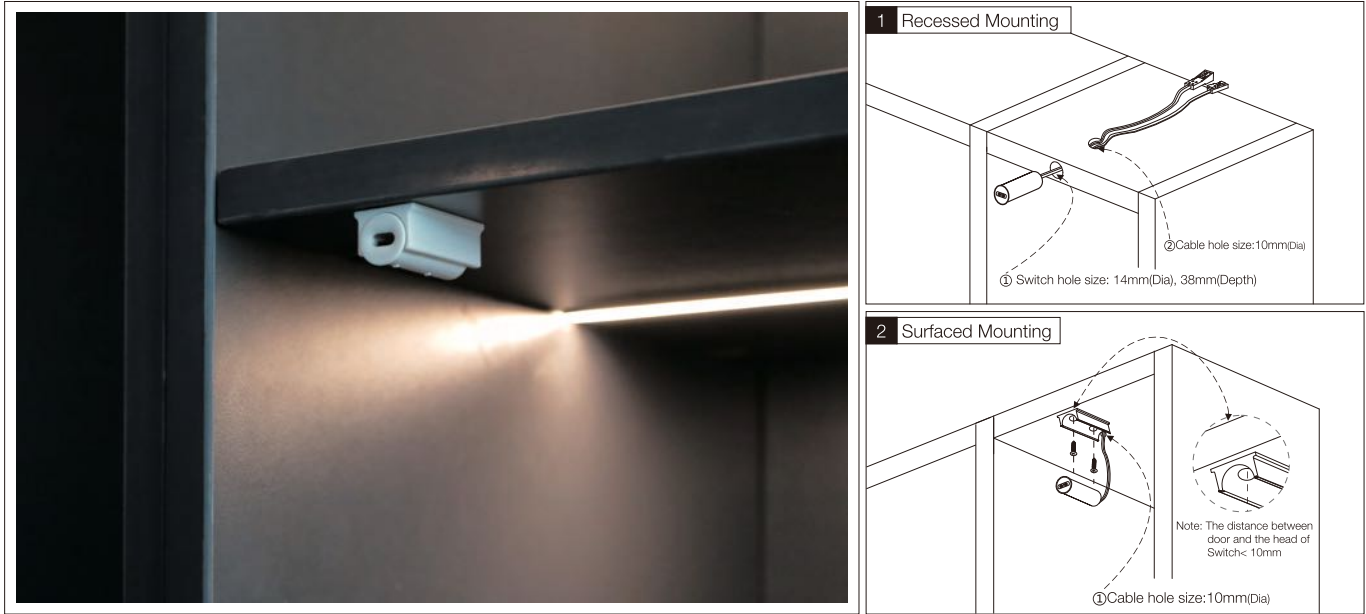
TECHNICAL DATA

Item No.:	S2A-A1	S3A-A1
Function	Door trigger	Hand shaking
Voltage	DC12V / DC24V	
Max Wattage	60W	
Detecting Range	5-8cm	
Dimension	Ø14x38mm(Recessed), 40x22x14mm(Surface clips)	
Protection Rating	IP20	

Ø16mm
22mm
17mm
(Recessed)
(Surfaced)

Ø16mm
Ø14mm
38mm

A2

11mm (dia)

Single

Double

○ White
● Black

INSTALLATION

1   Single Mounting

② Cable hole size:10mm(Dia)
① Switch hole size: 11mm(Dia), 16mm(Depth)

2   Double Mounting

Recommended Groove Size:
① Switch hole size: 11mm(Dia), 16mm(Depth)
② Cable hole size:10mm(Dia)
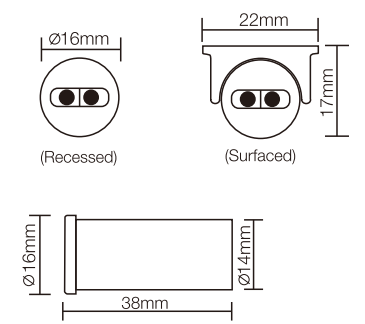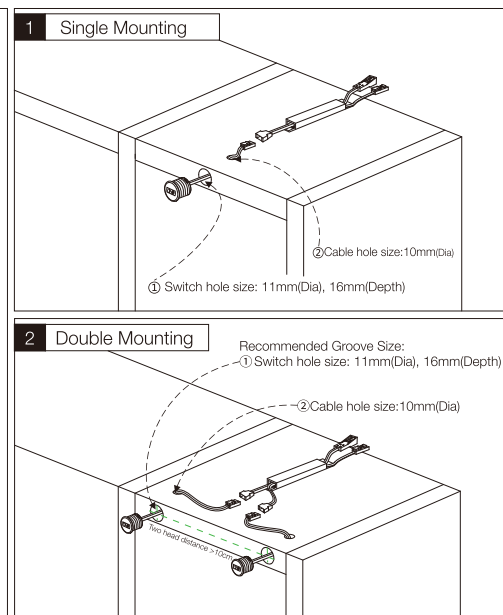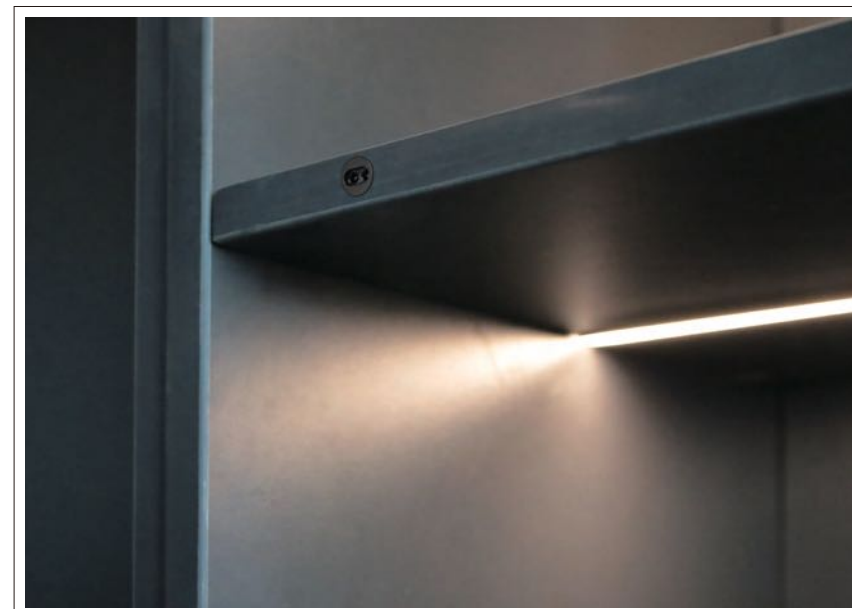
TECHNICAL DATA

Item No.:	S2A-A2	S3A-A2	S2A-2A2	S3A-2A2
Function	Single door trigger	Single hand shaking	Double door trigger	Double hand shaking
Voltage	DC12V / DC24V			
Max Wattage	60W			
Detecting Range	5-8cm			
Dimension	Ø13x12mm(Recessed)			
Protection Rating	IP20			

Ø13mm   Ø13mm   Ø10.7mm   12mm

A3

Screw

Single

Double

○ White
● Black

INSTALLATION

1   Single Mounting

① Cable hole size: 10mm(Dia)

2   Double Mounting

Two head distance >10cm
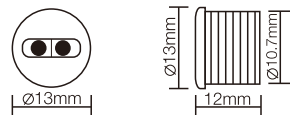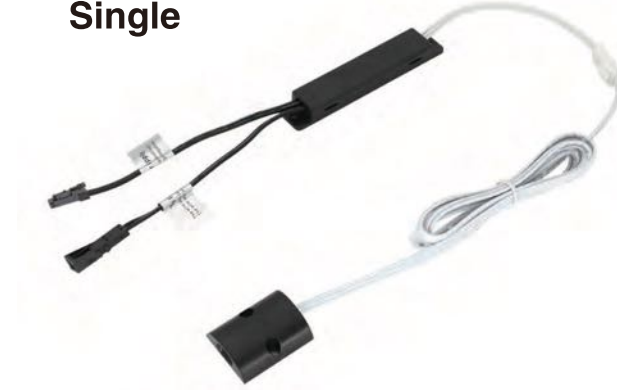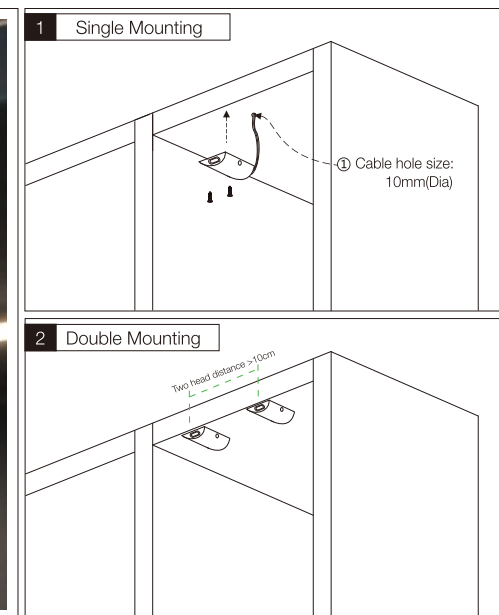
TECHNICAL DATA

Item No.:	S2A-A3	S3A-A3	S2A-2A3	S3A-2A3
Function	Single door trigger	Single hand shaking	Double door trigger	Double hand shaking
Voltage	DC12V / DC24V			
Max Wattage	60W			
Detecting Range	5-8cm			
Dimension	30x24x9mm(Surface)			
Protection Rating	IP20			
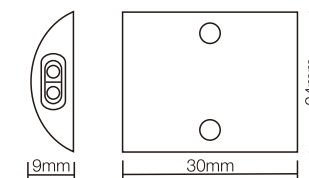
9mm   30mm   24mm

Touch Switch Series S4

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A0

Silver

INSTALLATION

Recommended Groove Size:
① Switch hole size: 17.2mm(Dia), 12mm(Depth)

There is an inductive capacitance between any two conductive objects. when the surrounding environment does not change, the value of the inductive capacitance is a small and fixed value. But When a human finger approaches the touch button, the total inductive capacitance value will increase. The switch would detect that the value of the sensing capacitance has changed, so as to control the LED lights.
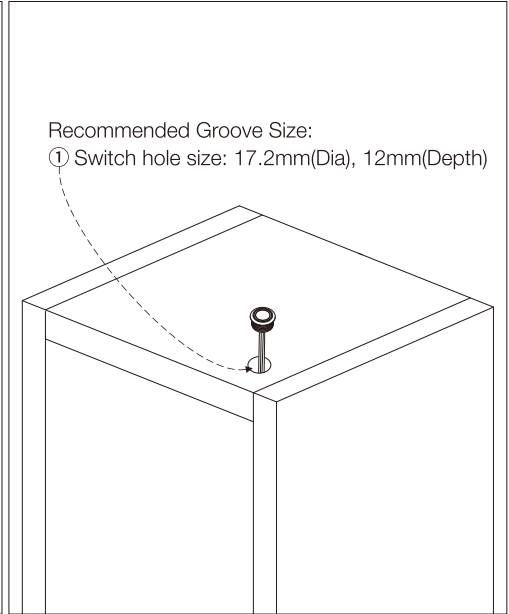
TECHNICAL DATA

Item No.:	S4B-A0
Function	ON/Dimmer/OFF
Voltage	DC12V / DC24V
Max Wattage	60W
Detecting Range	Touch type
Dimension	20(Dia) x13.5mm
Protection Rating	IP20

Ø20mm

Ø17mm

13.5mm

A1

【Hidden】

3M Sticker

3M adhesive

INSTALLATION

The thickness of the laminate is less than 18mm

Touch location

Hidden switch
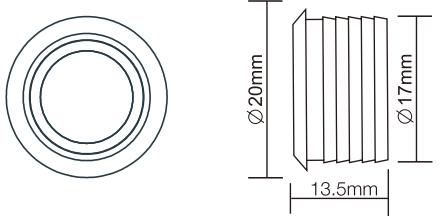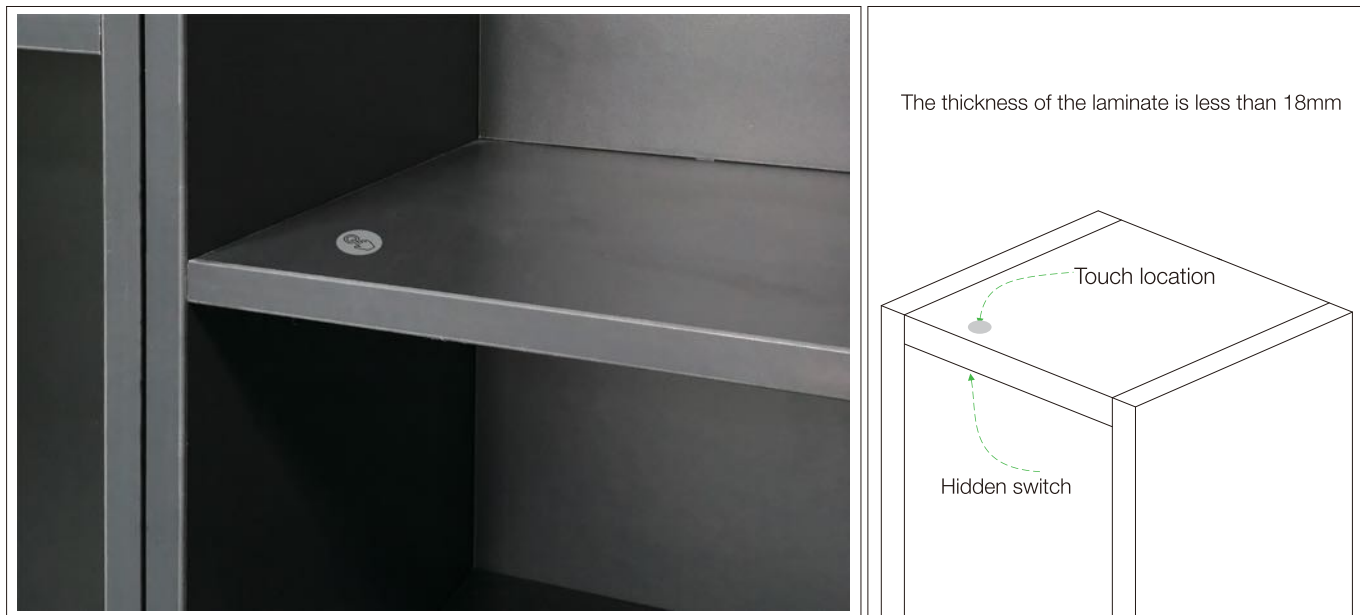
TECHNICAL DATA

Item No.:	S4B-A1	S4D-A1
Function	ON/Dimmer/OFF	ON/OFF-dimmer-color change
Voltage	DC12V / DC24V	
Max Wattage	60W	
Detecting Range	Touch type	
Dimension	57x57x10 mm	
Protection Rating	IP20	

50mm

46mm

57mm

33mm

10mm

4mm
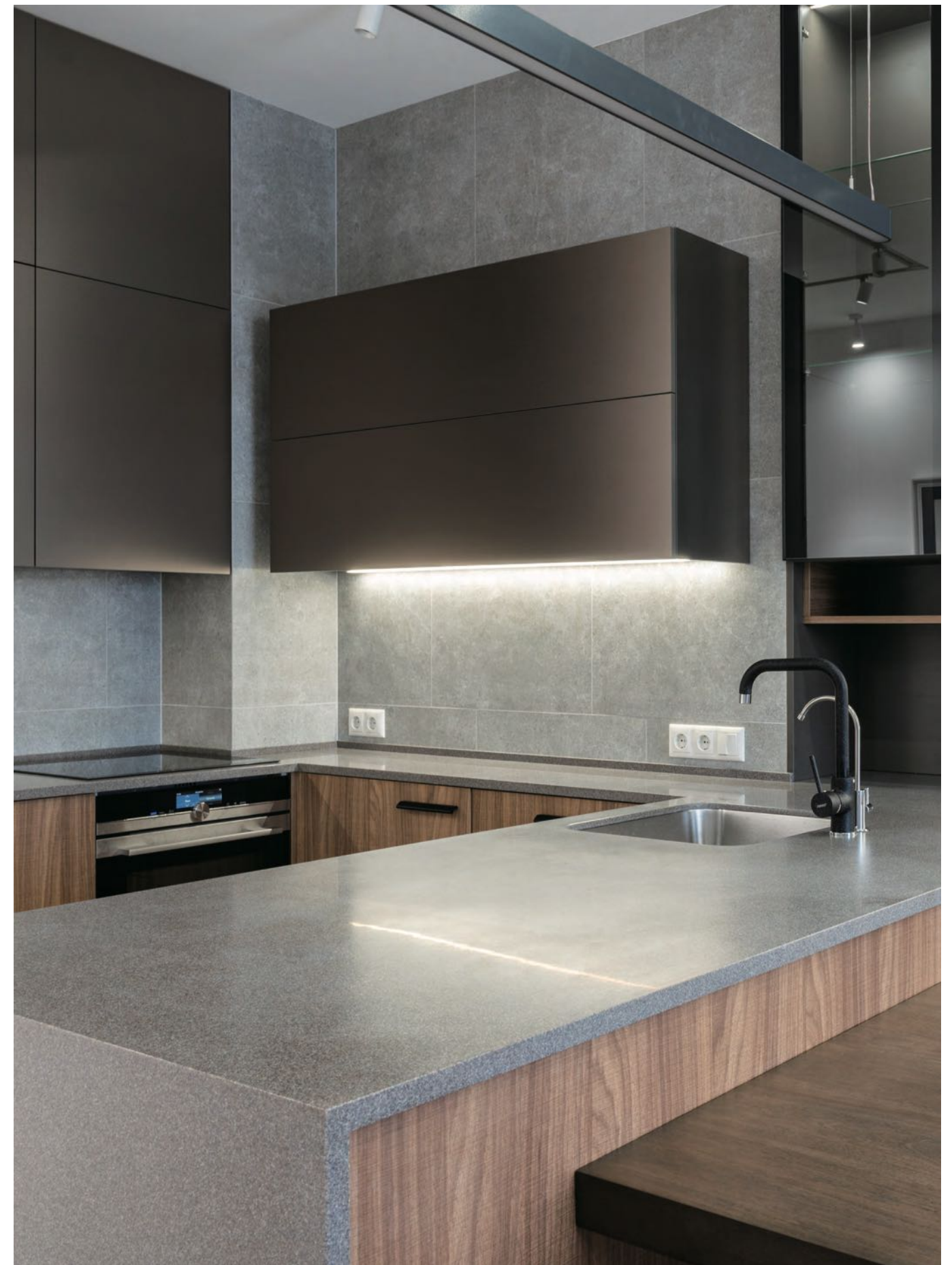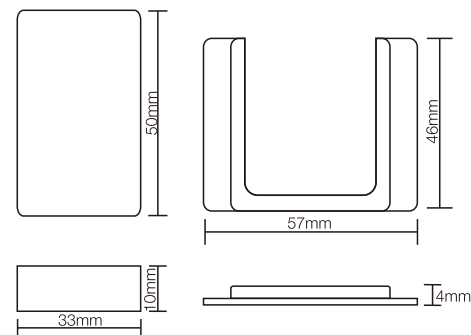
PIR Sensor Series S6

The body temperature of the human body is generally 37 degrees and it emits infrared rays with a wavelength of about 10 µm. The switch works by detecting specific infrared rays emitted by the human body. Once the person moves in the detection area, the controller detects the change of infrared rays in the environment and controls the LED lights.

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A0

14mm (dia)

White

INSTALLATION

1 Recessed Mounting
②Cable hole size:10mm(Dia)
①Switch hole size: 14mm(Dia), 38mm(Depth)

2 Surfaced Mounting
①Cable hole size:10mm(Dia)
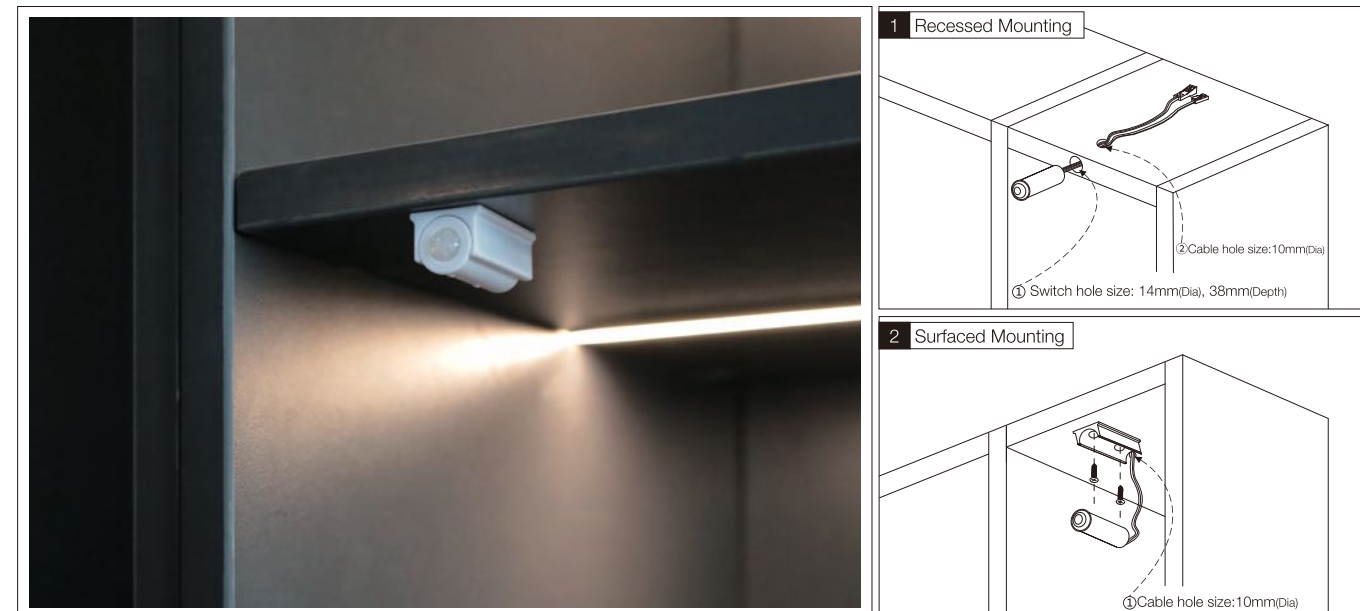
TECHNICAL DATA

Item No.:	S6A-A0
Function	PIR Sensor
Voltage	DC12V / DC24V
Max Wattage	60W
Detecting Range	1-3m
Dimension	Ø16x38mm(Recessed), 40*22*14mm(clips)
Protection Rating	IP20

(Surfaced) 22mm / 14mm

(Recessed) Ø16mm

38mm / Ø16mm / Ø14mm

A1

12mm
(dia)

● Black

INSTALLATION

1 Recessed Mounting

② Cable hole size:10mm(Dia)
① Switch hole size: 12mm(Dia), 14mm(Depth)

2 Surfaced Mounting

① Cable hole size:10mm(Dia)
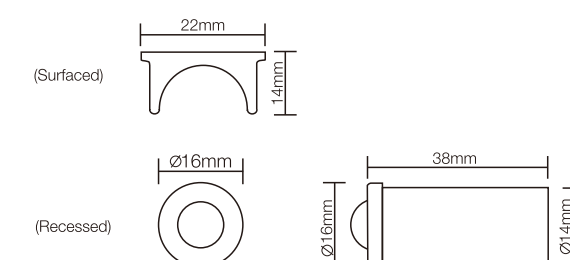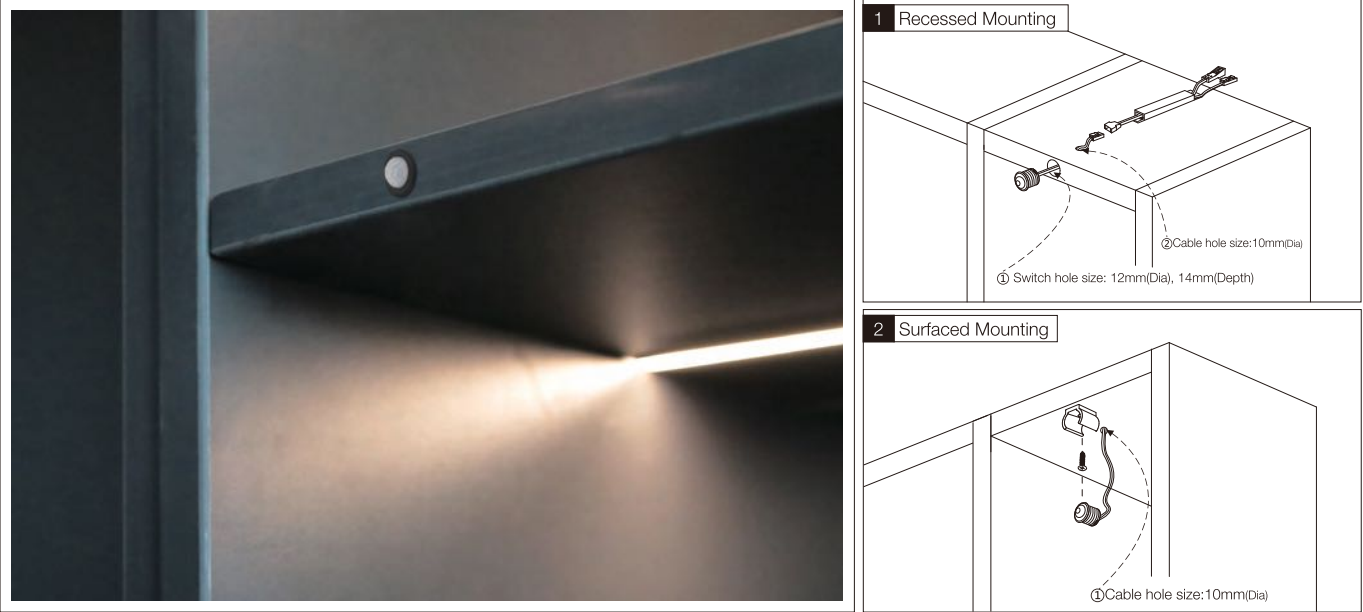
TECHNICAL DATA

Item No.:	S6A-A1
Function	PIR Sensor
Voltage	DC12V / DC24V
Max Wattage	60W
Detecting Range	1-3m
Dimension	Ø14x15mm(Recessed)
Protection Rating	IP20

Ø14mm

Ø14mm
Ø11.7mm
15mm
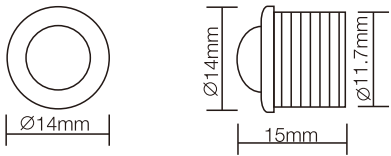
Mirror Touch Switch Series S7

There is an inductive capacitance between any two conductive objects. when the surrounding environment does not change, the value of the inductive capacitance is a small and fixed value. But When a human finger approaches the touch button, the total inductive capacitance value will increase. The switch would detect that the value of the sensing capacitance has changed, so as to control the LED lights.

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A0

3M Sticker

Front

Back

Black

INSTALLATION

Size>1mm
Max diameter>16mm

Indicator LED: ON-White, OFF-White

TECHNICAL DATA

Item No.:	S7A-A0	S7B-A0
Function	ON/OFF	ON/Dimmer/OFF
Voltage	DC12V / DC24V	
Max Wattage	60W	
Detecting Range	Touch type	
Dimension	55x35x8 mm	
Protection Rating	IP20	

35mm
8mm
55mm

A1

3M Sticker

3M adhesive

● Black

INSTALLATION

Size>1mm
Max diameter>16mm

Indicator LED: ON-Blue, OFF-Red
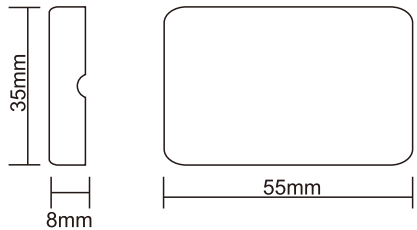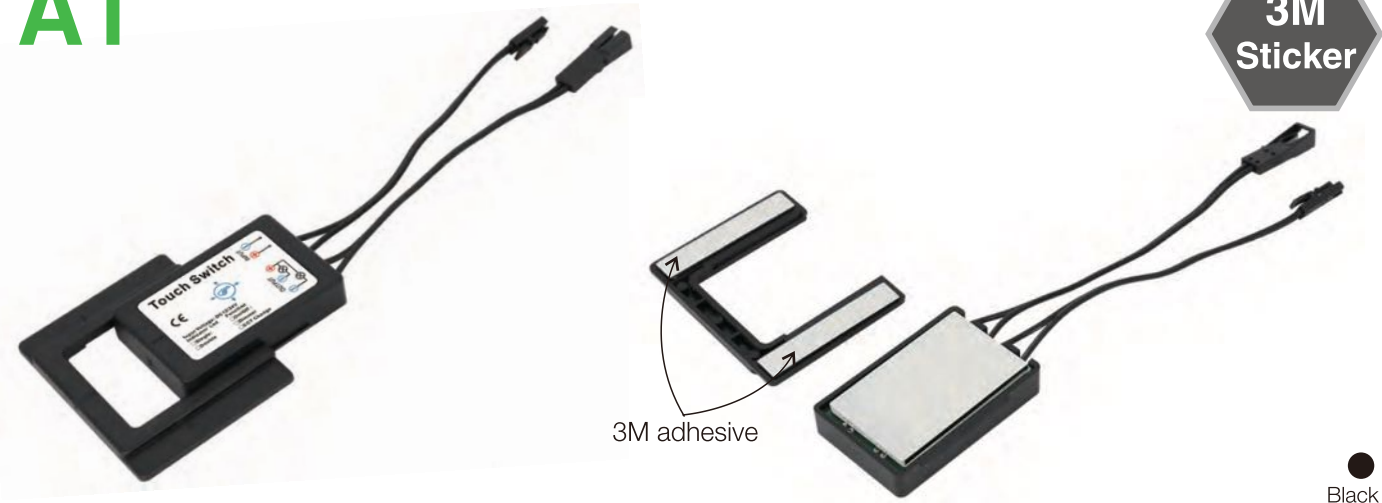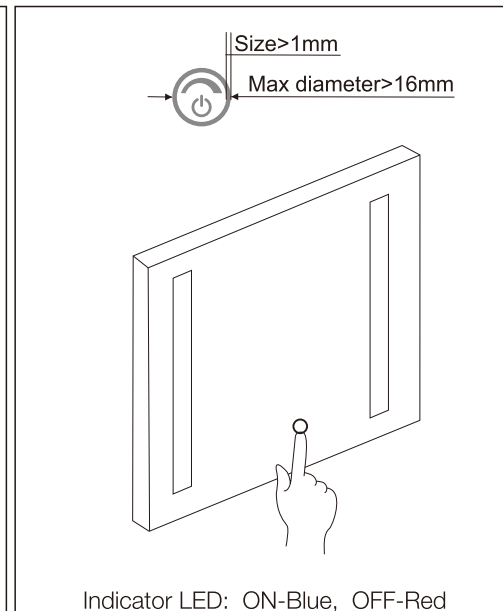
TECHNICAL DATA

Item No.:	S7B-A1	S7D-A1
Function	ON/Dimmer/OFF	ON/OFF-dimmer-color change
Voltage	DC12V / DC24V	
Max Wattage	60W	
Detecting Range	Touch type	
Dimension	57x57x10mm	
Protection Rating	IP20	

50mm
57mm
46mm
33mm
10mm
4mm

A2

3M Sticker

3M adhesive

● Black

INSTALLATION

Size>1mm
Max diameter>16mm

Indicator LED: ON-Blue, OFF-Red
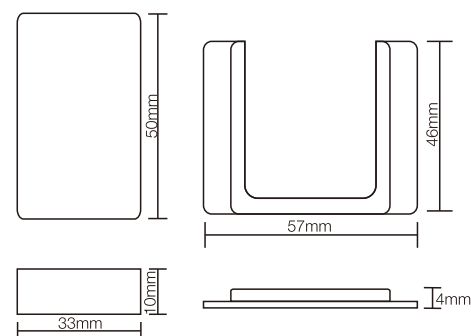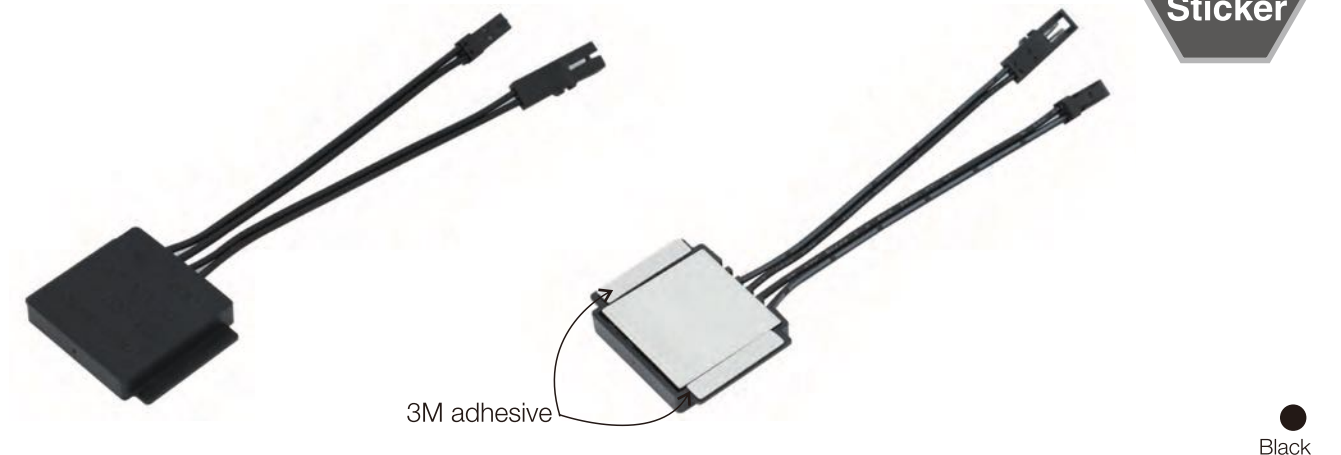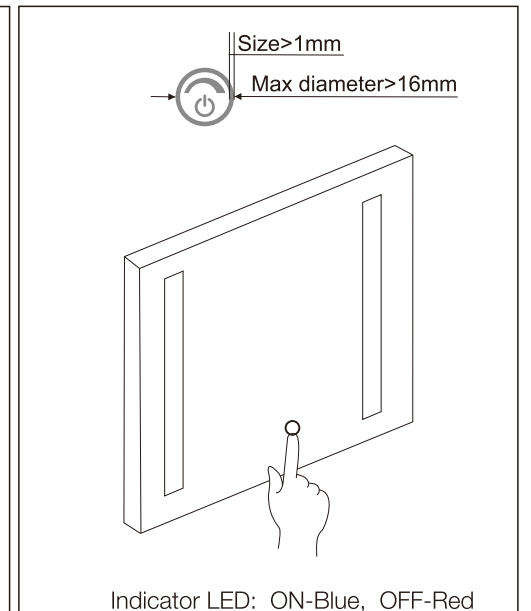
TECHNICAL DATA

Item No.:	S7B-A2	S7D-A2
Function	ON/Dimmer/OFF	ON/OFF-dimmer-color change
Voltage	DC12V / DC24V	
Max Wattage	40W	
Detecting Range	Touch type	
Dimension	42x34x8 mm	
Protection Rating	IP20	

34mm
42mm
8mm

A3

To Anti-Fog Foil

3M Sticker

Black

A4

3M Sticker

Black

INSTALLATION

Size>1mm
Max diameter>16mm

Indicator LED: ON-Blue, OFF-Red

INSTALLATION

Size>1mm
Max diameter>16mm

Indicator LED: ON-Blue, OFF-Red
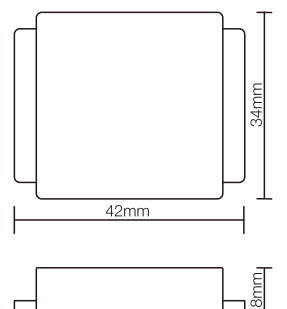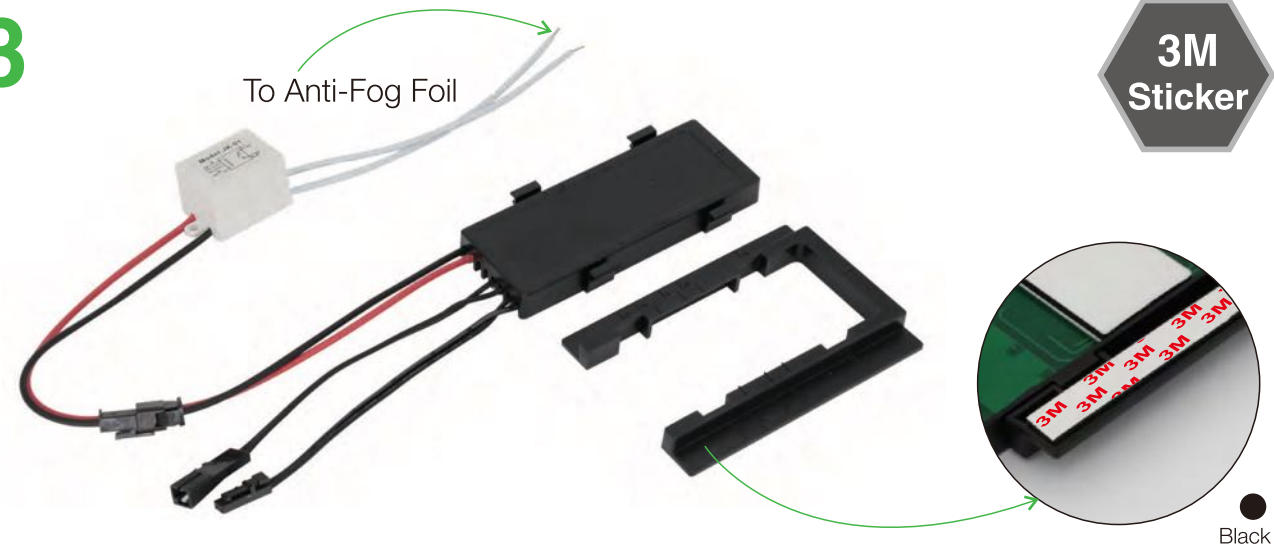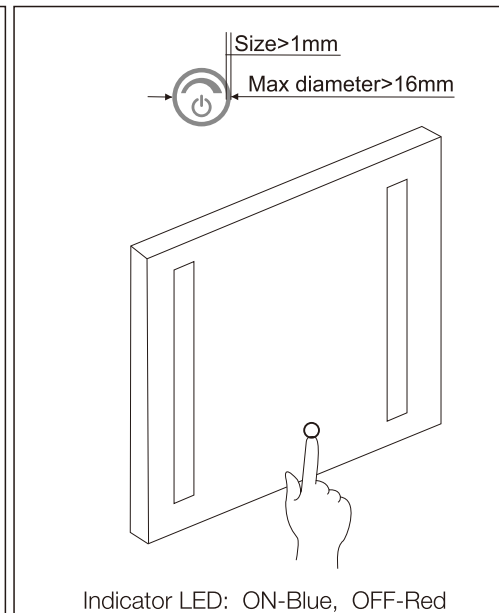
TECHNICAL DATA

Item No.:	S7B-A3	S7D-A3
Function	ON/Dimmer/OFF	ON/OFF-dimmer-color change
Voltage	DC12V / DC24V	
Max Wattage	60W	
Detecting Range	Touch type	
Dimension	93x35x10mm, 88x58x6mm(Frame)	
Protection Rating	IP20	

93mm
88mm
35mm
58mm
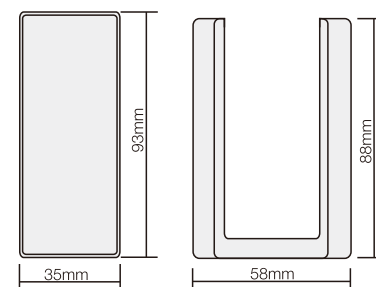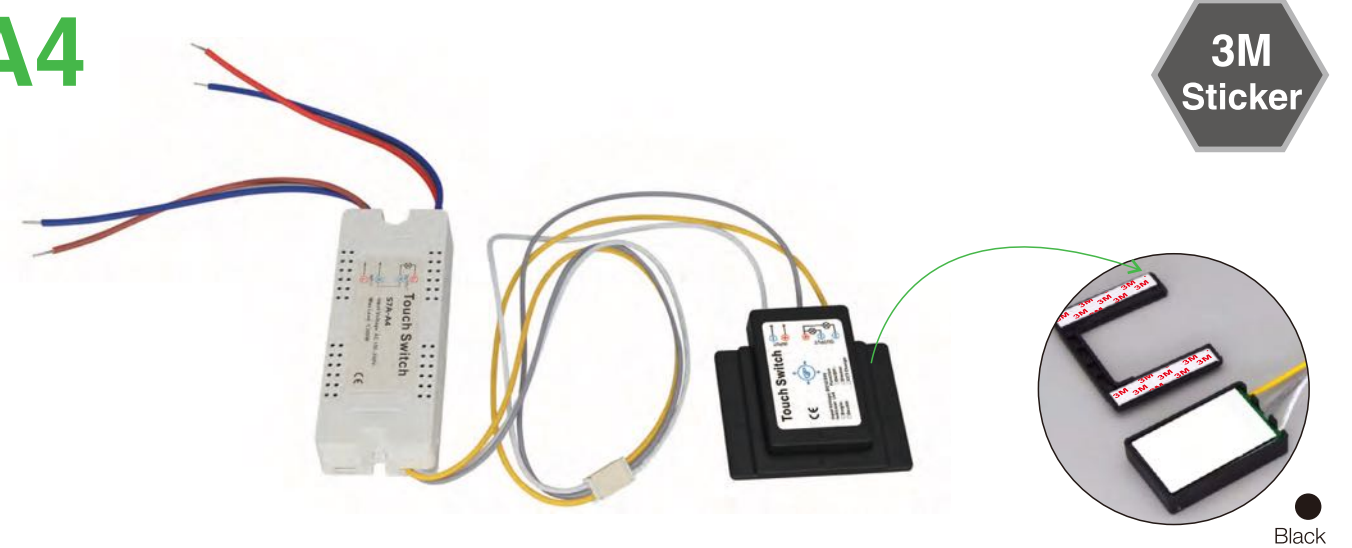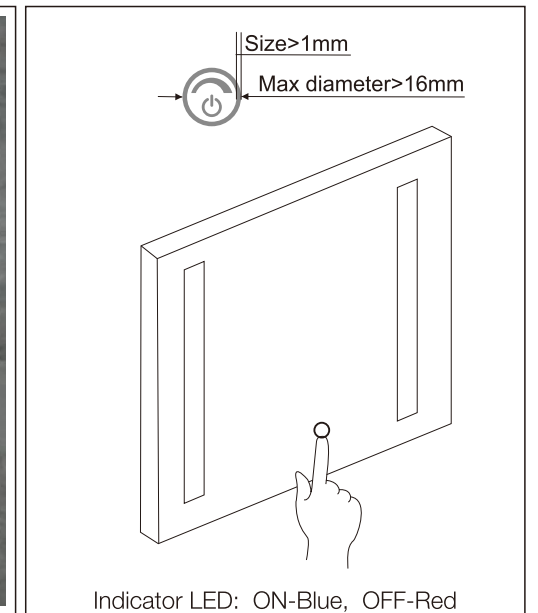
TECHNICAL DATA

Item No.:	S7A-A4
Function	ON/OFF
Voltage	AC100-240V
Max Wattage	300W
Detecting Range	Touch type
Dimension	50x32x10mm, 46x57x4mm(Frame)
Protection Rating	IP20

32mm
4mm
46mm
57mm
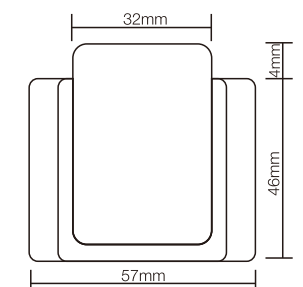
Smart Wireless LED Remote Controller S5

The Switch is a wireless technology based on 2.4G, its frequency band is between 2.400GHz~2.4835GHz. The Sender would be paired to The receiver. , When the Sender transmits a specific encrypted signal, the receiver receives the corresponding control model, so as to control the LED lights.

Sender

S5B-A0-1
Single Touch Wireless Controller

Working frequency	2.4GHz
Modulation mode	GFSK
Working voltage	2.3~3.6V(Battery type: CR2032)
Dormant current	3uA
Standby time	2 Years
Emission current	7mA
Launch distance	20m(Without barrier)
Size	56x50x13mm

S5B-A0-4

S5B-A0-5

OR

Sender

S5B-A0-2
PIR Motion Sensor Wireless Controller

Working frequency	2.4GHz
Modulation mode	GFSK
Working voltage	2.3~3.6V(Battery type: CR2032)
Dormant current	3uA
Standby time	2 Years
Emission current	7mA
Launch distance	20m(Without barrier)
Size	56x50x13mm

S5B-A0-4

S5B-A0-5

OR

Sender

S5B-A0-3
Dimming & CCT Adjusting Wireless Controller

|	
Working frequency	2.4GHz
Modulation mode	GFSK
Working voltage	2.3~3.6V(Battery type: CR2032)
Dormant current	3uA
Standby time	2 Years
Emission current	7mA
Launch distance	20m(Without barrier)
Size	56x50x13mm

S5B-A0-6

Advantages

◆ Low power consumption, sensitive induction, low heat generation, stable and reliable.

Applications

◆ Used for local decorative lighting control in wardrobes, wine cabinets, kitchens, etc.
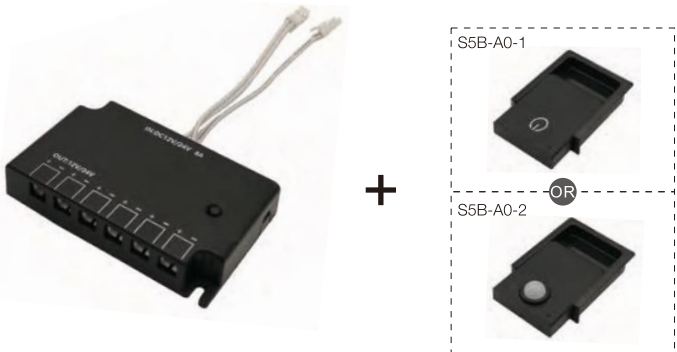
Receiver

S5B-A0-4
Wireless Receiver
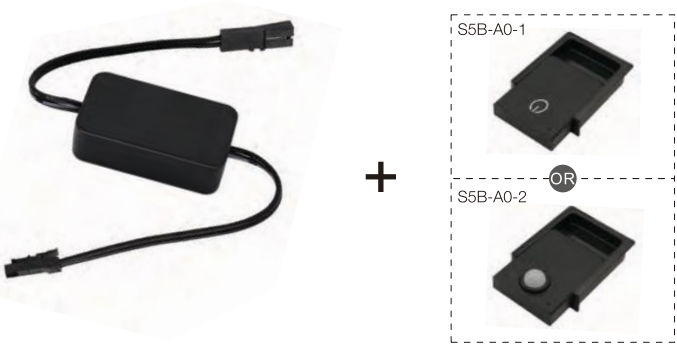
S5B-A0-1

S5B-A0-2

OR

Working frequency	2.4GHz
Modulation mode	GFSK
Working voltage	DC12V/24V
Max load wattage	60W
Size	47x26x15mm

Receiver

S5B-A0-5
Wireless Receiver

S5B-A0-1

S5B-A0-2

OR

Working frequency	2.4GHz
Modulation mode	GFSK
Working voltage	DC12V/24V
Max load wattage	60W
Size	76x47x15mm

Receiver

S5B-A0-6
Dimming & CCT Adjusting Wireless Receiver
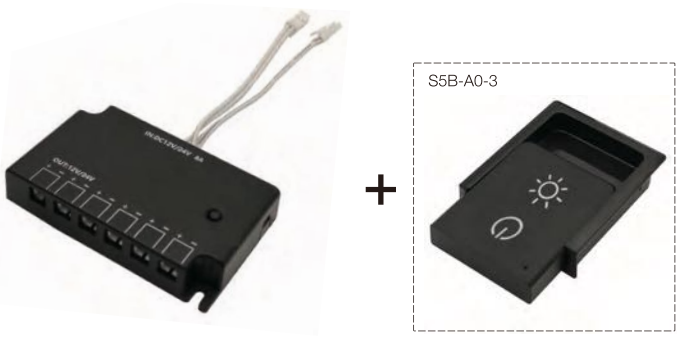
S5B-A0-3

Working frequency	2.4GHz
Modulation mode	GFSK
Working voltage	DC12V/24V
Max load wattage	60W
Size	76x47x15mm

One to multi control

◆ Multiple receivers (<100) can be simulteneously controlled by one sender if we make code paring at first.

Multi to one control

◆ A receiver can be synchronously controlled by multiple (<4) senders if we made code paring separately at first.
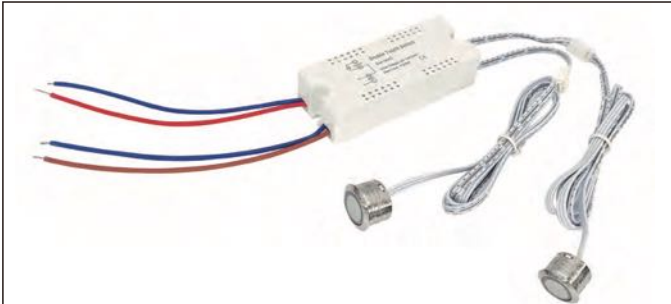
High voltage Switch G
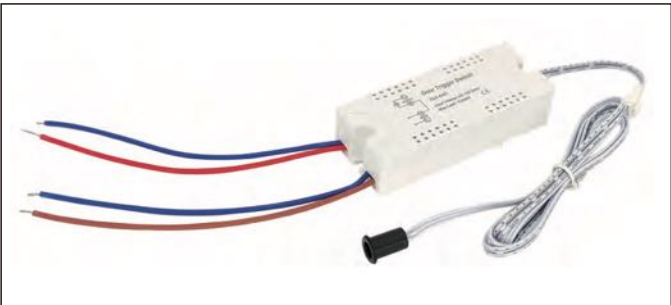
S2A- A4G: High voltage door trigger sensor
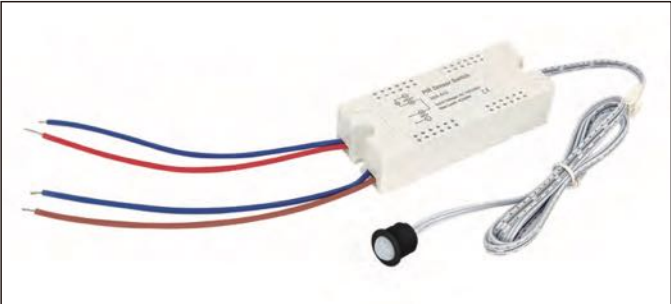S3A-A4G: High voltage hand shaking sensor

S2A-2A4G: High voltage double door trigger sensor
S3A-2A4G: High voltage double hand shaking sensor
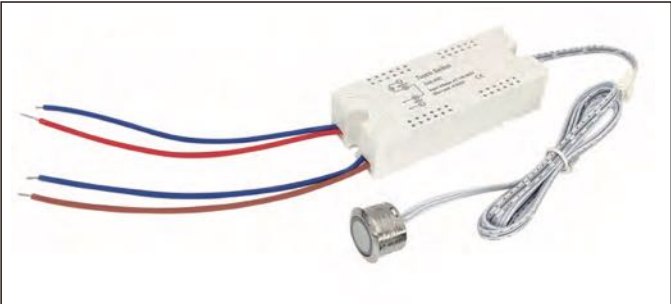
S4A-A0G: High voltage touch switch

S4A-2A0G: High voltage double touch switch


S6A-A1G: High voltage PIR sensor

S6A-2A1G: High voltage double PIR sensor

TECHNICAL DATA

Item No.	Function	Sensing distance	Sensing time	Input voltage	Output Power
S2A- A4G	Door trigger sensor	5-8cm	/	AC100~240V 50/60Hz	≤300W
S2A-2A4G	Double door trigger sensor				
S3A-A4G	Hand shaking sensor				
S3A-2A4G	Double hand shaking sensor				
S4A-A0G	Touch sensor	/	/		
S4A- 2A0G	Double touch sensor				
S6A-A1G	PIR sensor	1-3m	30s		
S6A-2A1G	Double PIR sensor				

Bluetooth Stair light controller

|		
Power cable	PIR sensor switch	Extension cord
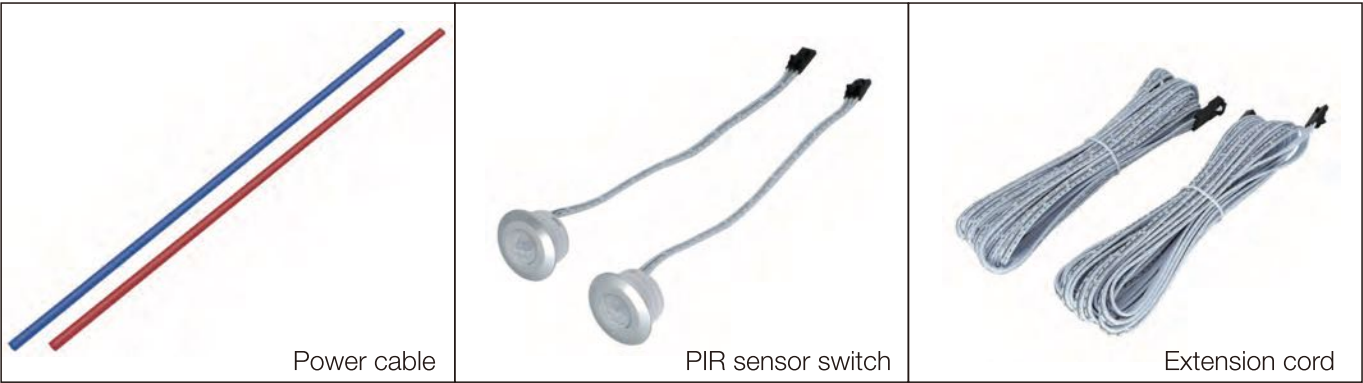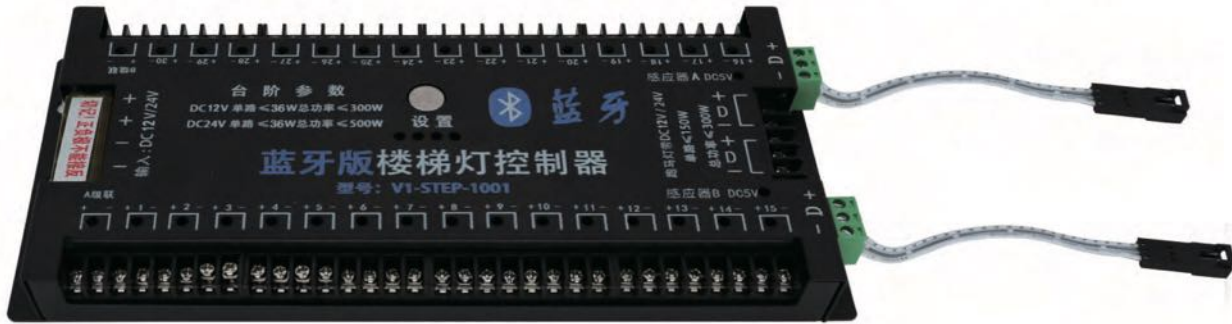
FEATURES

1. The product can only be used in a dry indoor environment. Strong wind, strong heat, strong shaking and other environments may cause the sensor to fail. Sensing angle is 120°, Sensing distance is 1-3 meters, and Sensing head is most sensitive to people.
2. Arrange the wires according to the actual project, which will not be affected.
3. The controller can be installed according to the convenient installation position.
4. AB Sensing head needs to be fixed with screws. (Custom-made recessed type)

RGB Light Dimming modes

Good heat dissipation Adjust at will
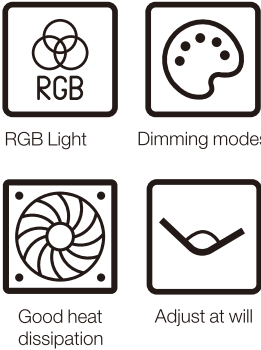
TECHNICAL DATA

Item No.	LT01
Input Voltage	DC12V/24V
Output Voltage	DC12V/24V
Output Power	(DC12V) Single channel watt≤36W≤300W
	(DC24V) Single channel watt≤36W≤500W

RGB LED Output Voltage	DC12V/24V
Output Power	Single channel watt<150w
Total Watt	<300W
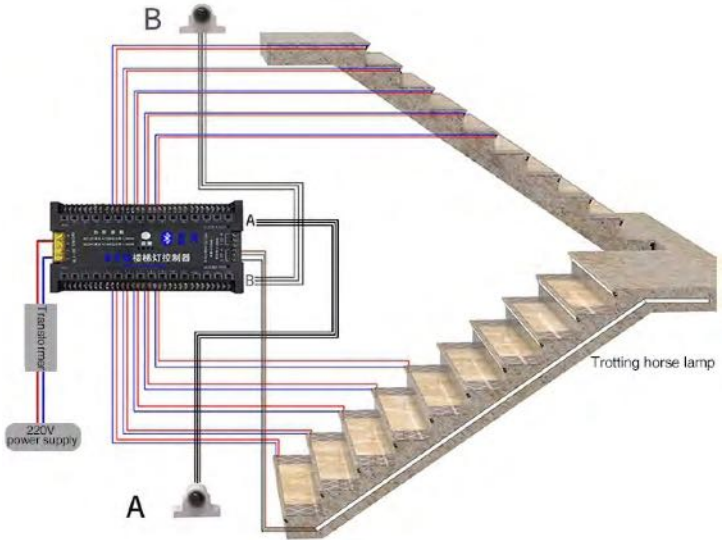
Mechanical Switch S1A

A0 / A1

S1A-A0

S1A-A1

○ White
● Black

INSTALLATION

61mm
19mm
16mm

Ø 23mm
16mm
14mm
18.8mm

Recommended Groove Size: 19(dia)x16mm
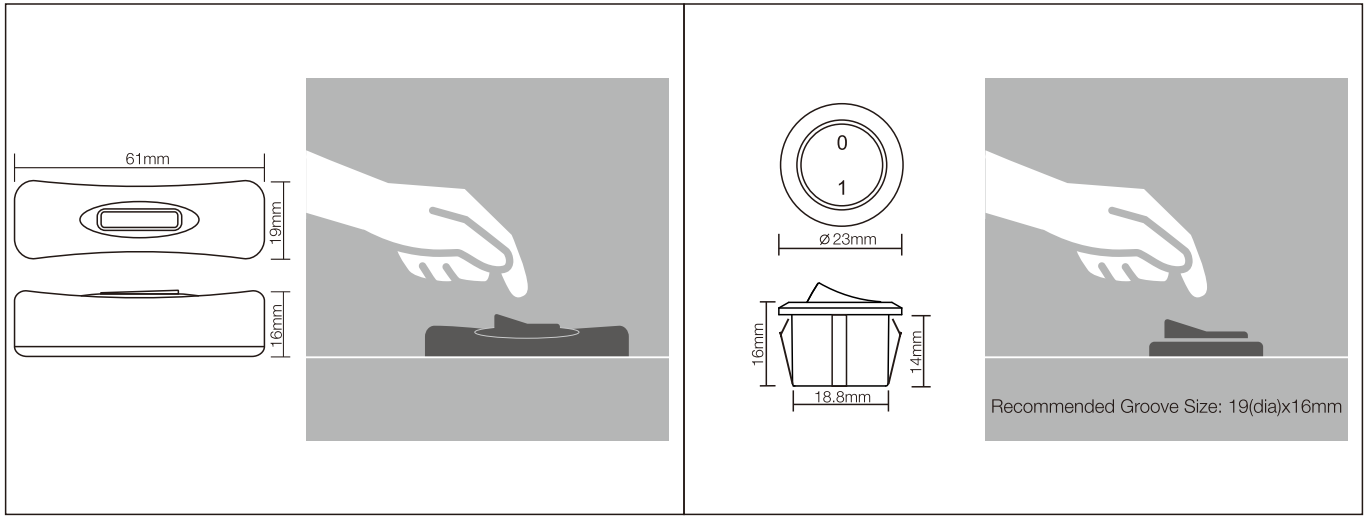
TECHNICAL DATA

Item No.:	S1A-A0	S1A-A1
Switch Mode	Press type	Press type
Function	ON / OFF	ON / OFF
Dimension	61x19x16mm	23(dia)x16mm
Voltage	DC12V / DC24V	
Max Wattage	60W	
Protection Rating	Ip20	

A2

S1A-A2

○ White

● Black

INSTALLATION
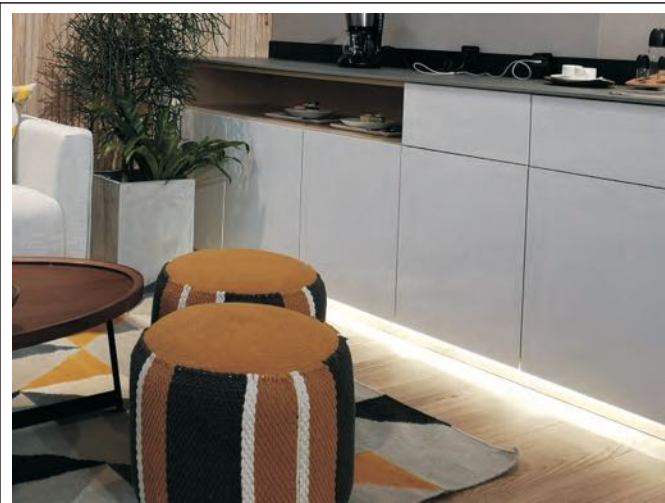
TECHNICAL DATA

Item No.:	S1A-A2
Switch Mode	Press type
Function	ON / OFF
Dimension	70(dia)x30mm
Voltage	DC12V / DC24V
Max Wattage	60W
Protection Rating	Ip20

Ø70mm

30mm
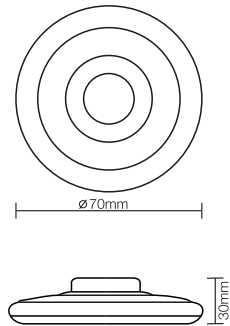
A3 / A4

S1A-A3   S1A-A4

○ White

● Black

INSTALLATION

1 Door Switch installation

32mm

34mm

52mm

50mm

18mm

2 Door Switch with Protection Shell

Ø15mm

23mm

Ø17mm

Recommended Groove Size: Ø15x23mm
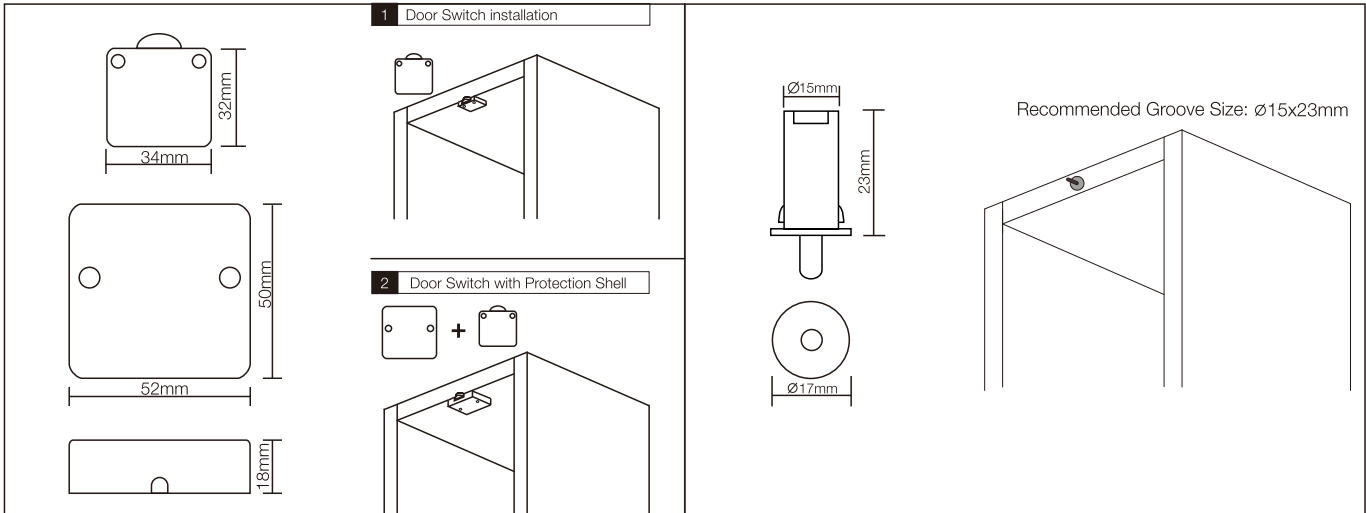
TECHNICAL DATA

Item No.:	S1A-A3	S1A-A4
Switch Mode	Press type	
Function	Door open-ON/Door closed-OFF	
Dimension	52x50x18mm	17(dia)x23mm
Voltage	DC12V / DC24V	
Max Wattage	60W	
Protection Rating	Ip20	

Part 3

LED Light System

Characteristic System

- ⊙ Qi Lin Series
- ⊙ Pi Xiu Series
- ⊙ Wire Separation Series
- ⊙ Multi Functional Series
- ⊙ Silicone in profilfe series

Standard System

- ⊙ LED Battery Light Series
- ⊙ LED Puck Light Series
- ⊙ LED Panel Light Series

Custom-Made System

QI LIN SERIES

FEATURES

QILIN system have different installation ways based on applications:

- ◆ Extreme Small - Recessed Item
- ◆ Extreme Small - Surfaced Item
- ◆ Extreme Small - Corner Item

| 3000K |
| 4000K |
| 6000K |

| A03 | A06 | B02 |
| B03 | B04 | B12 |

TECHNICAL DATA

Item No.	Input Voltage	Wattage	LED Type	LED Quantity	CRI
A03					
A06					
B02	12VDC	8W/m	COF	432PCS/m	>90
B03					
B04					
B12					

PI XIU SERIES

FEATURES

PIXIU system have different installation ways based on applications

Black

- ◆ ALL Black-Recessed Item
- ◆ ALL Black-Surfaced Item
- ◆ ALL Black-Corner Item

3000K
4000K
6000K

A04

PIR Sensor　Touch Sensor　Hand Sensor

25mm
7mm
17.5mm

A05

PIR Sensor　Touch Sensor　Hand Sensor

22mm
6.5mm
8mm
15.2mm

B05

PIR Sensor　Touch Sensor　Hand Sensor

6.2mm
14.8mm

B06

PIR Sensor　Touch Sensor　Hand Sensor

9mm
17.3mm

B09

Touch Sensor　Hand Sensor

16mm
16mm

TECHNICAL DATA

Item No.	Input Voltage	Wattage	LED Type	LED Quantity	CRI
A04	12VDC	10W/m	COF	360PCS/m	>90
A05					
B05					
B06					
B09					

WIRE SEPARATION SERIES
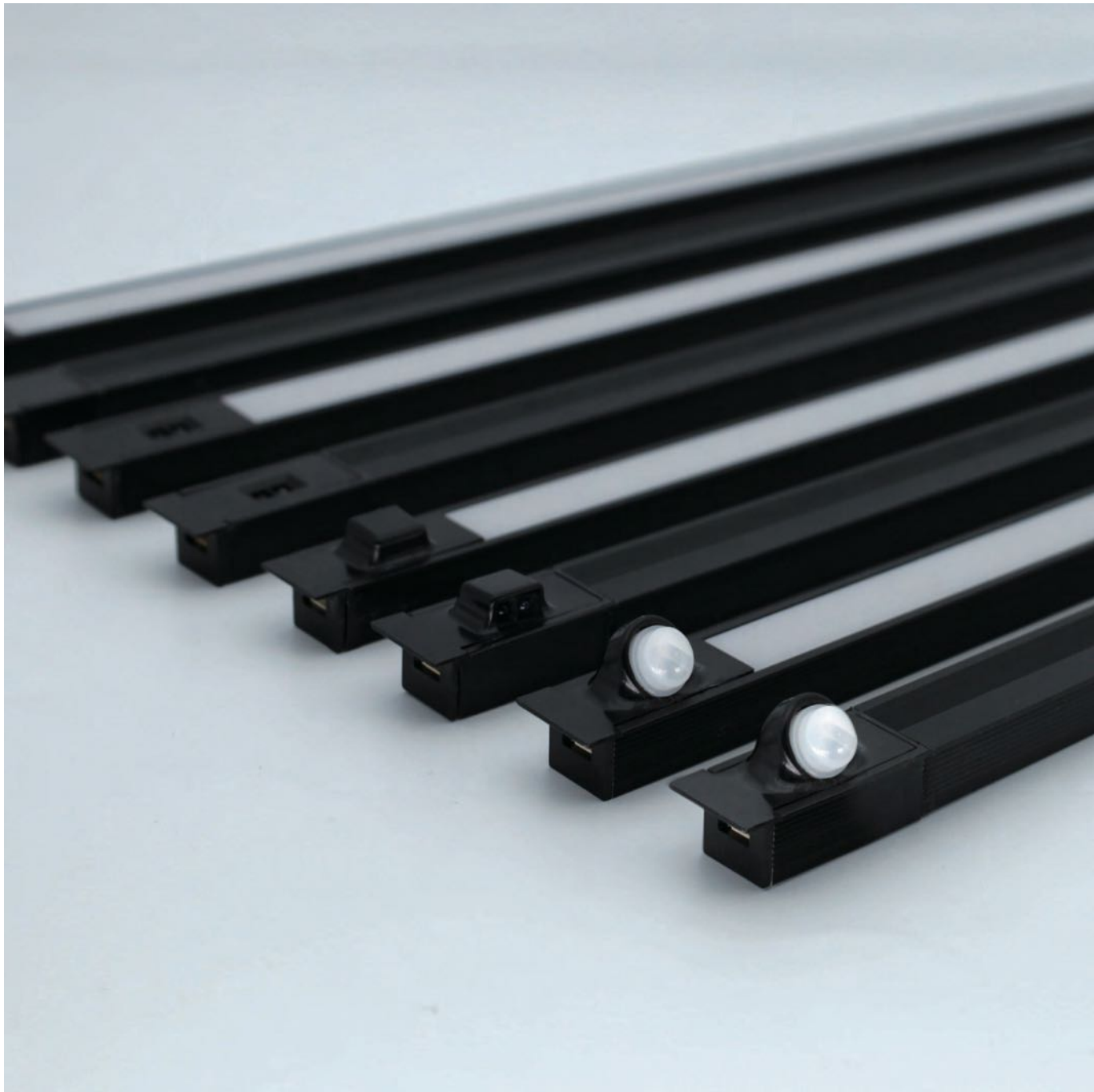
FEATURES

Wire separation series have different installation ways based on applications

- ◆ Separation wires from light body
- ◆ Multi sensor switches function and places available
- ◆ Flat and inside direction both, different angle for selection

● Black

● 3000K
● 4000K
● 6000K

DETAILS

| Wires separation | Wires Connection | Two lights Connection | Recessed Clips |

Door Sensor   PIR Sensor   Hand Sensor

COMBINATION CHART

17mm · 11.2mm · 13.7mm
A10-1

17mm · 11.2mm · 13.7mm
A10-2

15mm · 12

L-10mm · 15mm

	Item No.	Function	Input Voltage	Wattage	LED Type	LED Quantity	CRI
A10-1	A10-1.R2A	Right door sensor	12VDC	10W/m	SMD2835	120pcs/m	>90
	A10-1.R3A	Right hand sensor					
	A10-1.R6A	Right PIR sensor					
	A10-1.D2A	Double door sensor					
A10-2	A10-2.R2A	Right door sensor					
	A10-2.R3A	Right hand sensor					
	A10-2.R6A	Right PIR sensor					
	A10-2.D2A	Double door sensor					

MULTI FUNCTIONAL SERIES

FEATURES

Multi functional series have different installation ways based on applications

◆ Separation wires from light body.
◆ Multi sensor switches function and places available.
◆ Delay function in sensors.

Silver
Black

3000K
4000K
6000K

DETAILS

D01A-1(Door Trigger)

D01A-2(Hand Shaking)

D01A-3
(Door Trigger / Hand Shaking)

Hand Sensor Door Sensor

COMBINATION CHART

D01A-1	D01A-2	D01A-3

18.5mm
18mm

Drawer lights accessories

Inside cabinet light accessories

Inside cabinet light accessories

Item No.	Function	Input Voltage	Wattage	LED Type	LED Quantity	CRI
D01A	No sensor	12VDC	10W/m	SMD2835	120pcs/m	>90
D01A-1.R2A	Right door sensor					
D01A-2.R3A	Right hand sensor					
D01A-3.D2A	Double door sensor					
D01A-3.L2A	Left hand sensor					
D01A-3.R2A	Right door sensor					

SILICONE IN PROFILE SERIES

FEATURES

Silicone in profilfe series have different installation ways based on applications

● Black

◆ Side-emitting way, lighting effect spft and even
◆ Ultra small size, easy to hide
◆ Lighting surface super narrow, looks very elegant

● 3000K
● 4000K
● 6000K

DETAILS
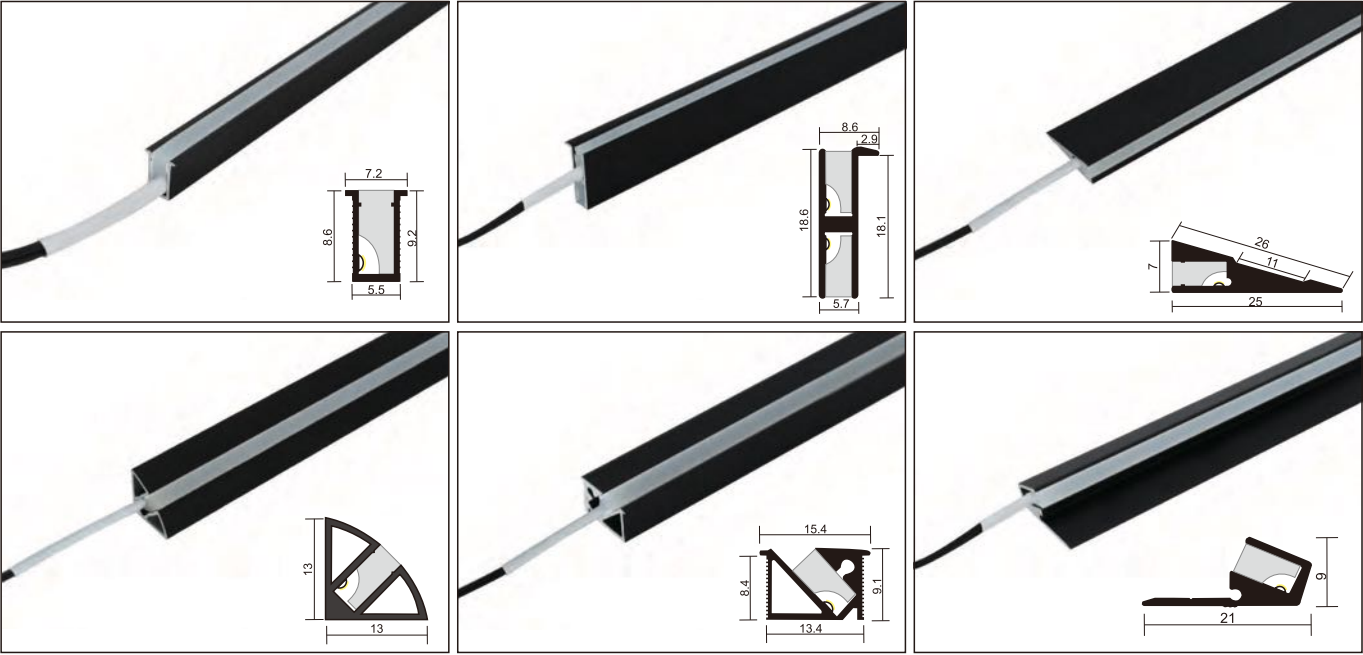
TECHNICAL DATA

Item No.	Input Voltage	Wattage	LED Type	LED Quantity	CRI
CY01					
CY02					
CY03	12VDC	6W/m	SMD2835	156PCS/m	>90
CY04					
CY05					
CY06					

BATTERY LIGHT SERIES

H01 Battery LED Cabinet light

- 3000K
- 4000K
- 6000K

FEATURES

- ◆ Big battery capacity: up to 3000mAH.
- ◆ Switch mode option: Hand shaking& PIR sensor.
- ◆ Magnetic installation, easy charging.
- ◆ Blister card package.

PIR Sensor   Hand Sensor

COMBINATION CHART

140mm

77mm

13mm

Magnetic
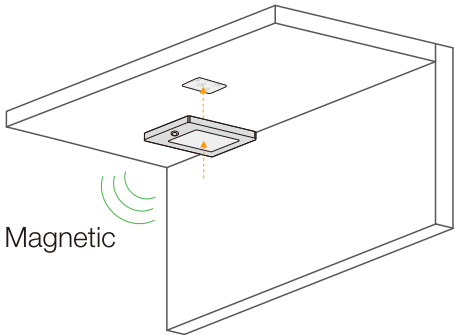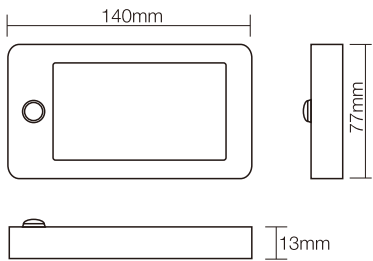
TECHNICAL DATA

Item No.	Switch Mode	Input Voltage	Wattage	Battery Capacity	CRI
H01-3A	Hand-shaking	5VDC	3W	3000mAH	>90
H01-6A	PIR Sensor				

H02A — Battery LED Cabinet light

3000K
4000K
6000K

FEATURES

◆ Big battery capacity: up to 2200mAH.
◆ Switch mode: PIR + Lux + Dimmer sensor.
◆ Magnetic installation, easy charging, Type-C.
◆ Different size available.

Black

TECHNICAL DATA

Item No.	Switch Mode	Input Voltage	Wattage	Battery Capacity	CRI
H02A.130	PIR Sensor	5VDC	1W	300mAH	>90
H02A.233			2W	900mAH	
H02A.400			3. 5W	1500mAH	
H02A.600			4. 5W	2200mAH	

COMBINATION CHART

130/233/400/600mm
40mm
8.8mm

Sensor

Type-C

Switch

PC

Aluminium alloy

Always-on mode
Night mode
All-day mode
Stepless Dimming

LED PUCK LIGHT SERIES

I03	Surfaced LED Puck Light

3000K
4000K
6000K

FEATURES

◆ Side-emtting way, lightig source soft and even.
◆ Magnetic and 3M tape mounting, easy and tight.
◆ Competitive price with reliable quality.

Silver

COMBINATION CHART

Ø60mm   9mm   Magnet installation   3M tape installation
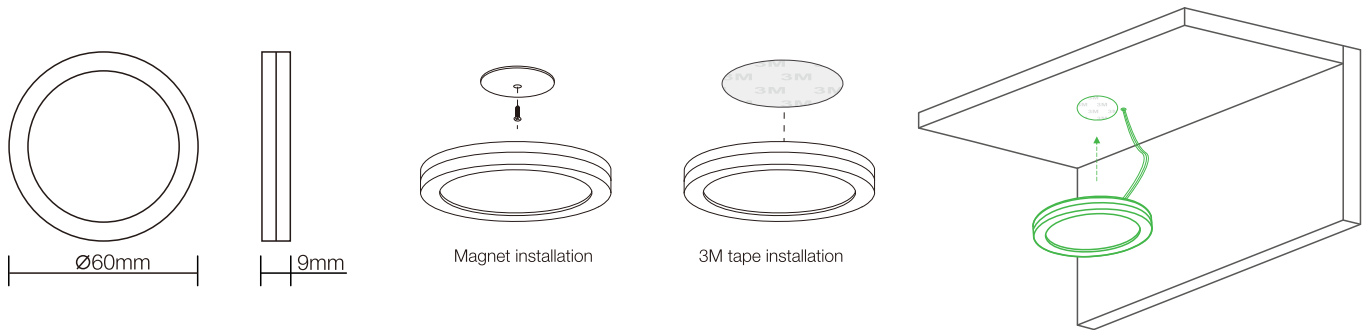
TECHNICAL DATA

Item No.	Input Voltage	Wattage	LED Type	LED Quantity	CRI
I03	12VDC	2.5W	SMD2835	16PCS	>90

I05 Recessed LED Puck Light

- 3000K
- 4000K
- 6000K

I07 Recessed LED Puck Light

- 3000K
- 4000K
- 6000K
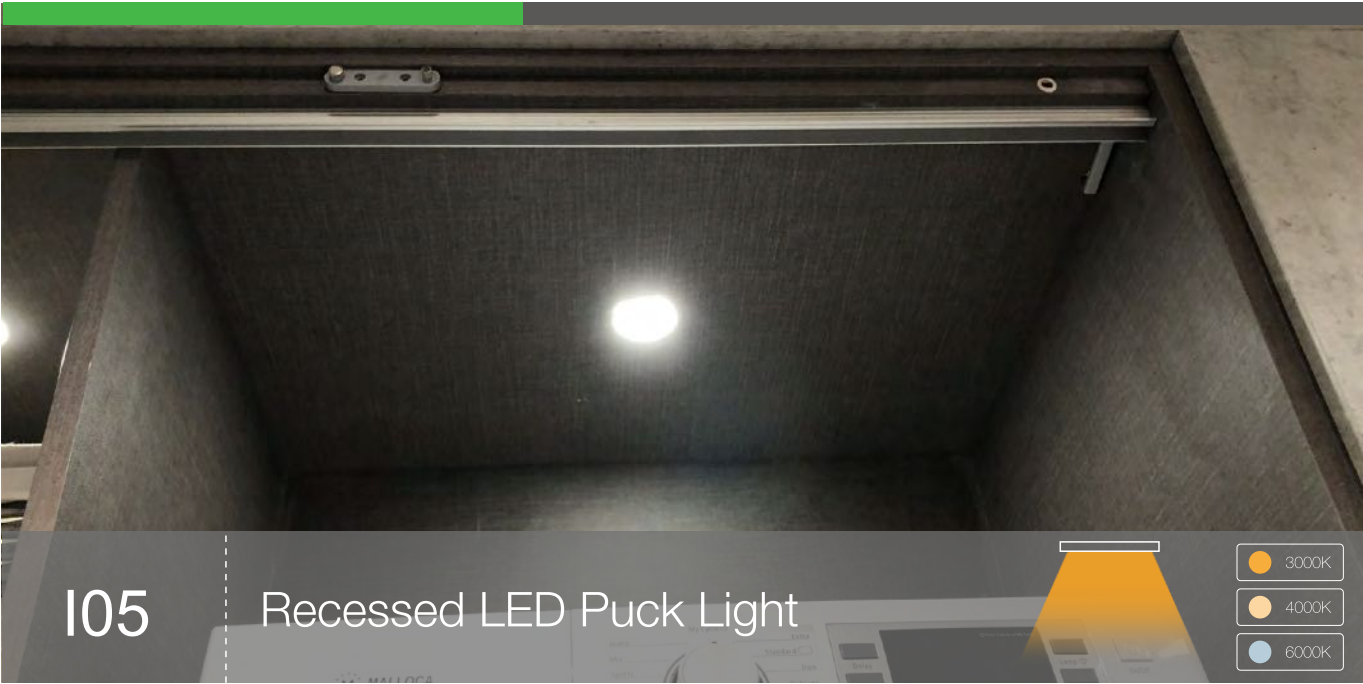
FEATURES

◆ Side-emtting way, lightig source soft and even.

◆ Recessed mounting, 60mm standard size.

◆ Competitive price with reliable quality.

Silver

FEATURES

◆ Square& Round both types available

◆ Recessed mounting, 60mm standard size

◆ Very cheap for big sales.

Silver

Black

COMBINATION CHART

Recommended Groove Size: 60mm(dia)*9mm(depth)

Ø66mm   9mm

COMBINATION CHART

Recommended Groove Size: 60mm(dia)*12mm(depth)

Ø66mm   Ø66mm   11mm

TECHNICAL DATA

Item No.	Input Voltage	Wattage	LED Type	LED Quantity	CRI
I05	12VDC	2.5W	SMD2835	16PCS	>90
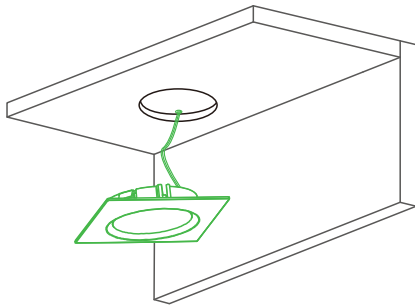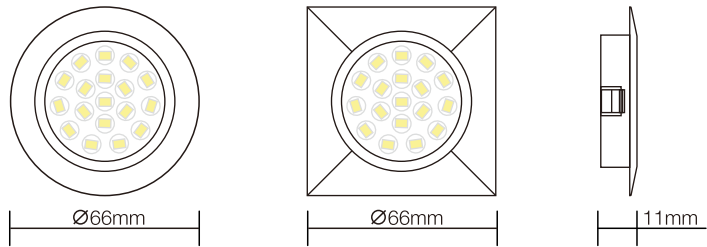
TECHNICAL DATA

Item No.	Input Voltage	Wattage	LED Type	LED Quantity	CRI
I07	12VDC	2.5W	SMD2835	24PCS	>90

I08   Surfaced LED Puck Light

3000K
4000K
6000K

I09   Surfaced LED Puck Light

3000K
4000K
6000K
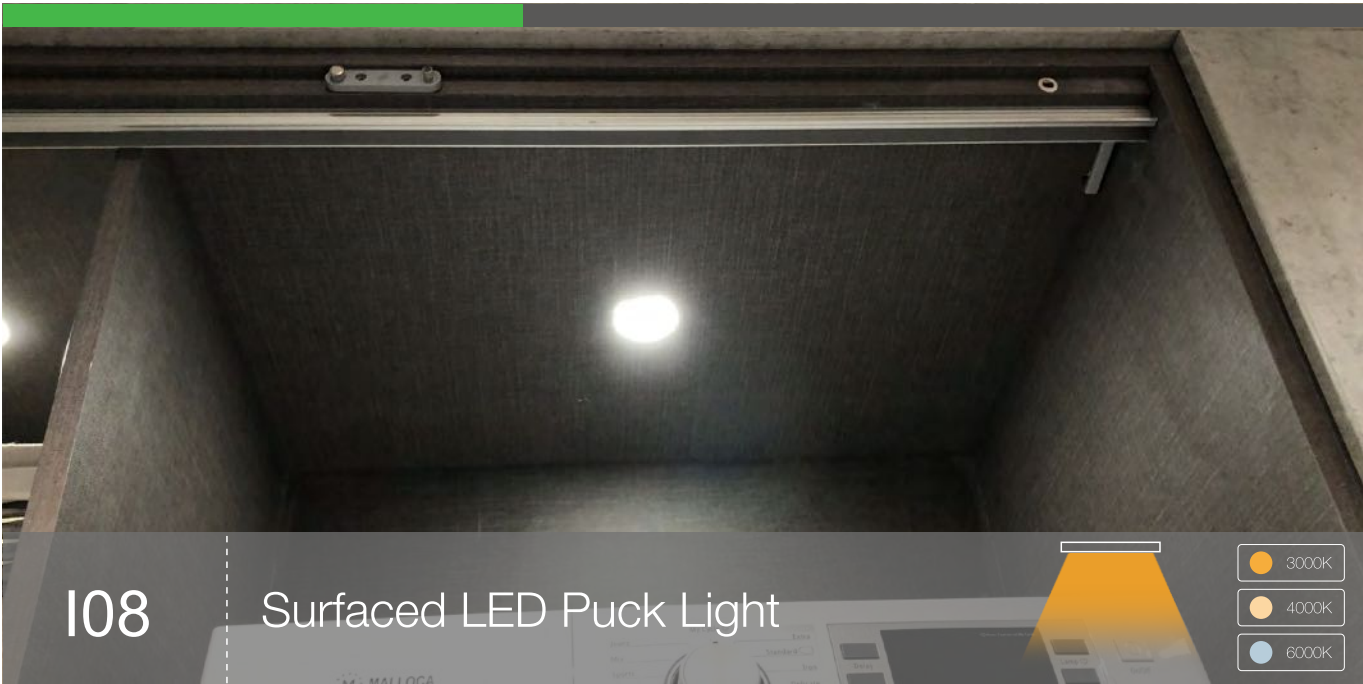
FEATURES

◆ Ultra thin-only 10mm thickness.
◆ Light soft and comfortable-use frosted cover.
◆ Aluminum material-fast heat dissipation.
◆ Easy installation by screws.

Silver
Black
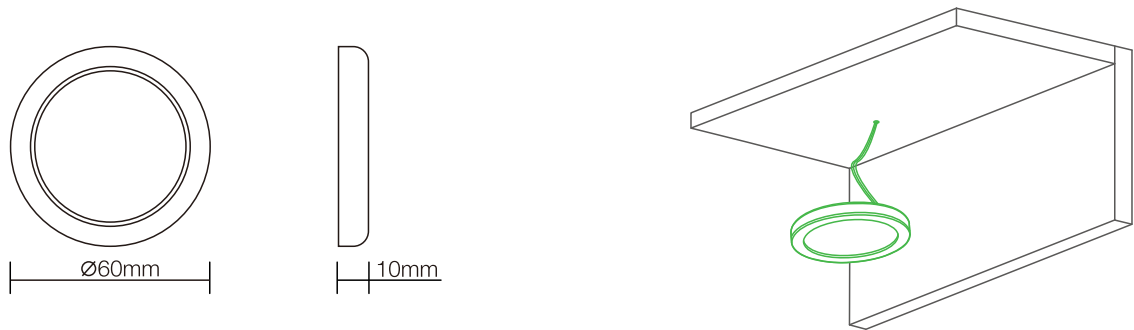
FEATURES

◆ Ultra thin-only 8mm thickness.
◆ Light soft and comfortable-use frosted cover.
◆ Aluminum material-fast heat dissipation.
◆ Easy installation by screws.

Silver

COMBINATION CHART

Ø60mm   10mm

COMBINATION CHART

Ø60mm   8mm

TECHNICAL DATA

Item No.	Input Voltage	Wattage	LED Type	LED Quantity	CRI
I08	12VDC	2.5W	SMD2835	12PCS	>90
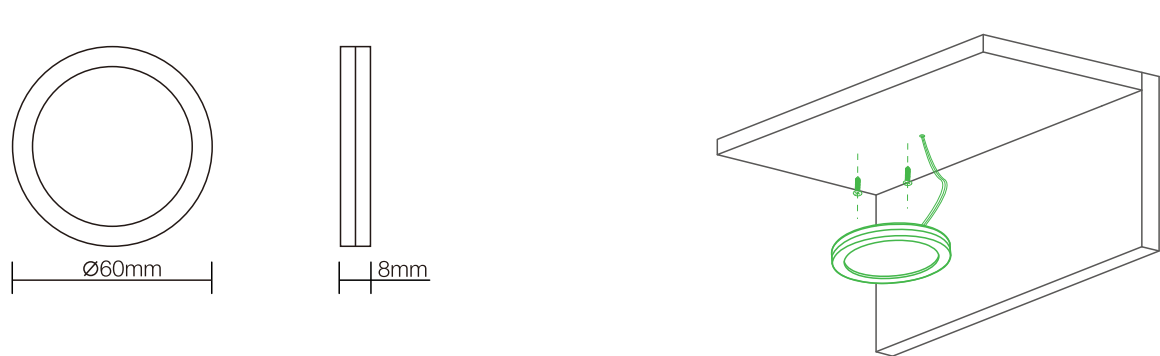
TECHNICAL DATA

Item No.	Input Voltage	Wattage	LED Type	LED Quantity	CRI
I09	12VDC	2.5W	SMD2835	12PCS	>90

PANEL LIGHT SERIES

H03	Panel Light

3000K
4000K
6000K
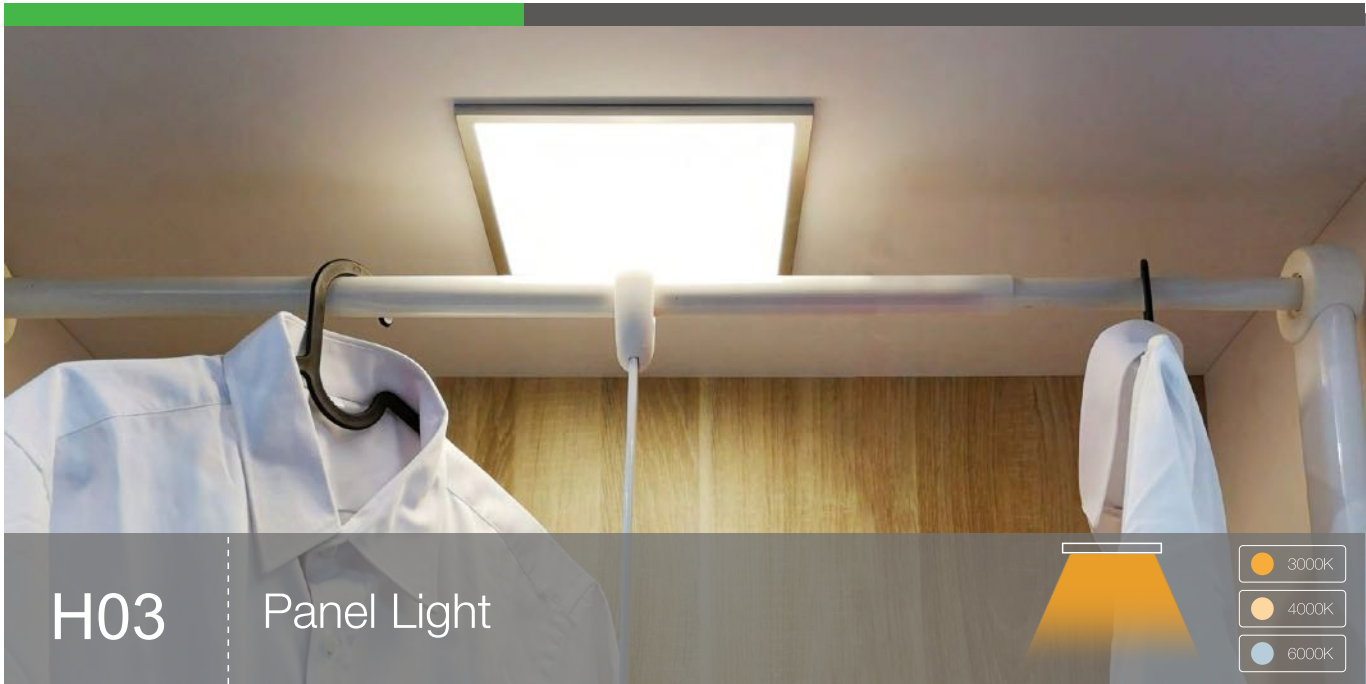
FEATURES

◆ Ulta thin design, only about 5mm thickness
◆ Equal lighting effect without any dark dots
◆ 3M tape mounting, easy to install
◆ Different size available, such as 100*100/200.etc

Silver

Black

COMBINATION CHART

100mm
100mm
100mm

200mm
100mm
5.3mm
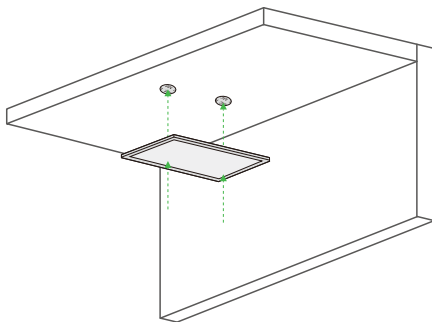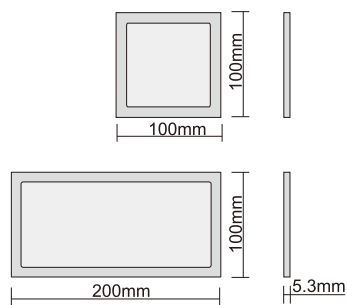
TECHNICAL DATA

Item No.	Input Voltage	Wattage	LED Type	LED Quantity	CRI
H03.100	12VDC	3.5W	SMD4014	15pcs	>90
H03.200		7W		30pcs	

CUSTOM-MADE SYSTEM

A01A   Recessed LED Strip Light

- 3000K
- 4000K
- 6000K

FEATURES

◆ Ultra thin recessed led strip light.
◆ Inside shinning direction without seeing light body.
◆ COF strip light, perfect lighting effect.
◆ Different finish color for option.

Silver
Black
Gray

COMBINATION CHART

Recommended Groove Size: Length(-5)*18mm(width)*8.5mm(depth)

20.5mm
8mm
7.4mm
19.4mm

18mm
8.5

L-5mm
18mm
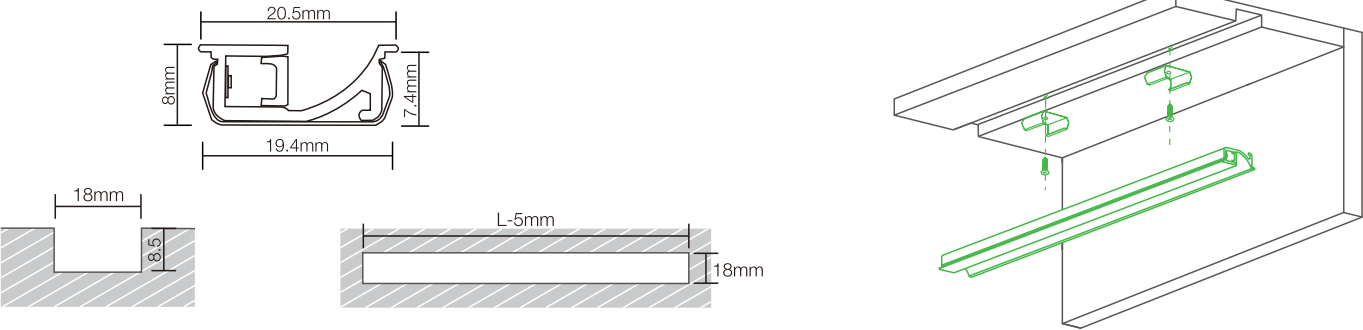
TECHNICAL DATA

Item No.	Input Voltage	Wattage	LED Type	LED Quantity	CRI
A01A	12VDC	6W/m	SMD2835	120pcs/m	>90

A02A | Recessed LED Strip Light
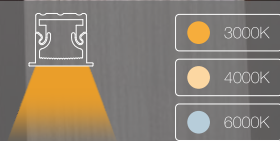
FEATURES

◆ All plastic cover in the surface, whole shinning area.
◆ Vertical instalation is available.
◆ High competivie price for project use.
◆ Soft and even lighting effect.

Silver

COMBINATION CHART

Recommended Groove Size: Length*10mm(width)*10mm(depth)

12.5mm
10.25mm
9.7mm
9.9mm
10mm
10mm
L
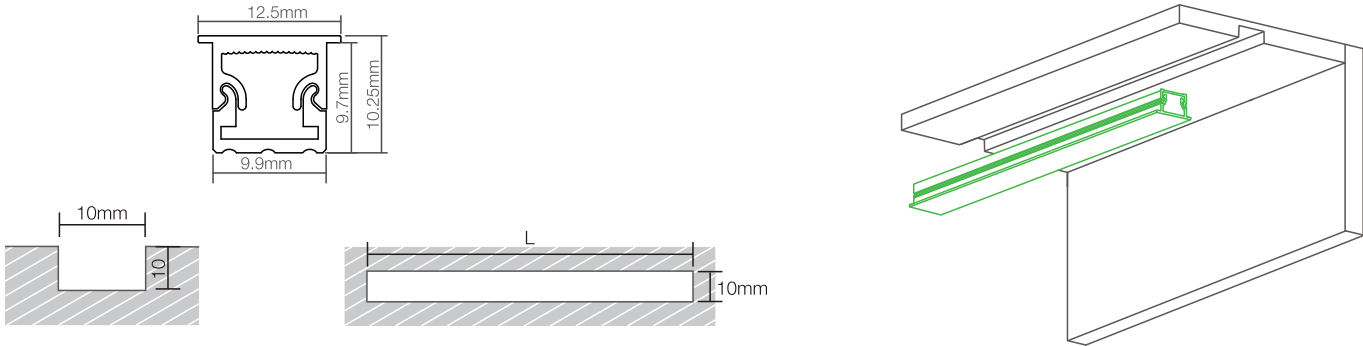
TECHNICAL DATA

Item No.	Input Voltage	Wattage	LED Type	LED Quantity	CRI
A02A	12VDC	10W/m	SMD2835	120pcs/m	>90

A03B | Recessed LED Strip Light
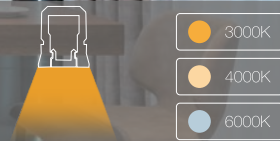
FEATURES

◆ Small size, very elegant.
◆ Frosted lens, soft and even lighting effect.
◆ High competitive price for project use.
◆ Black finish available.

Silver
Black

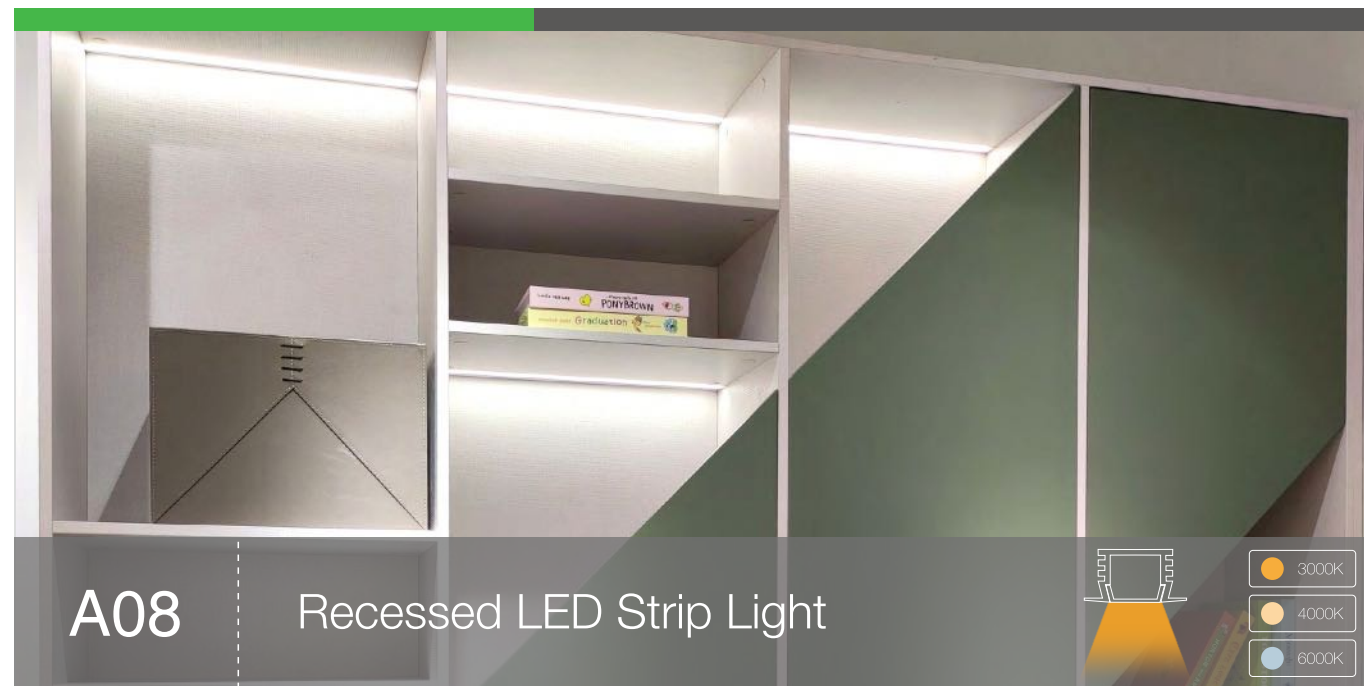## COMBINATION CHART

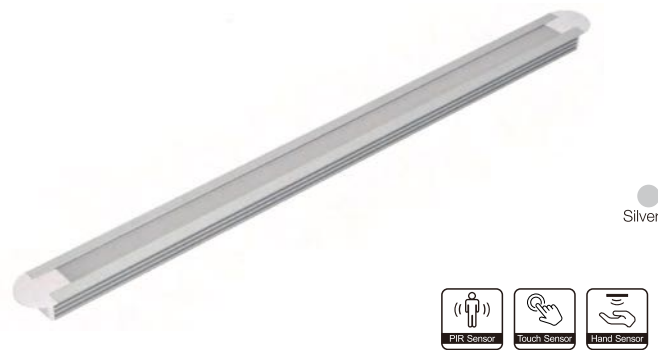Recommended Groove Size: Length*8mm(width)*10mm(depth)

9.5mm
8mm
8mm
10mm
L
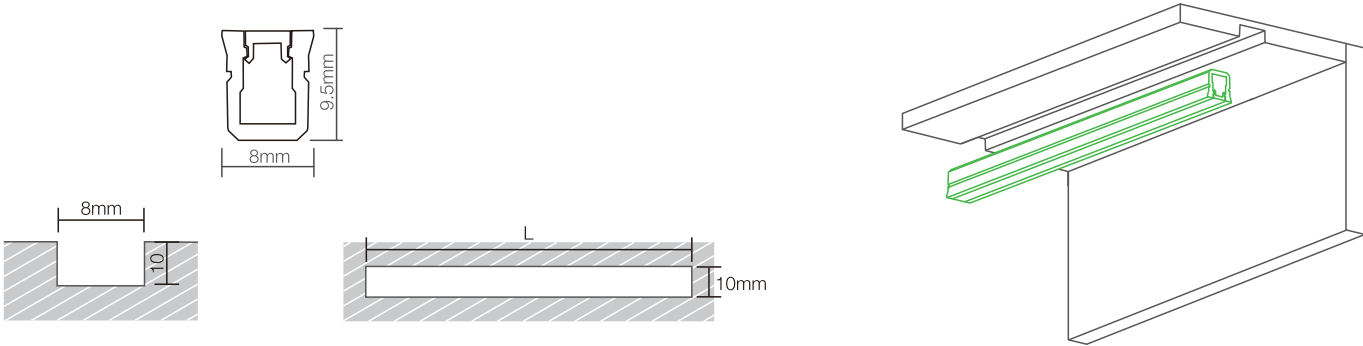
TECHNICAL DATA

Item No.	Input Voltage	Wattage	LED Type	LED Quantity	CRI
A03B	12VDC	6W/m	SMD2835	120pcs/m	>90

A06A Recessed LED Strip Light

3000K
4000K
6000K

FEATURES

◆ Small size, very elegant
◆ Frosted lens, soft and even lighting effect
◆ High competitive price for project use
◆ Black finish available

Silver
Black

COMBINATION CHART

Recommended Groove Size: Length(-5mm)*7mm(width)*9mm(depth)

9mm
8.5mm
7mm

7mm
9

L-5mm
7mm
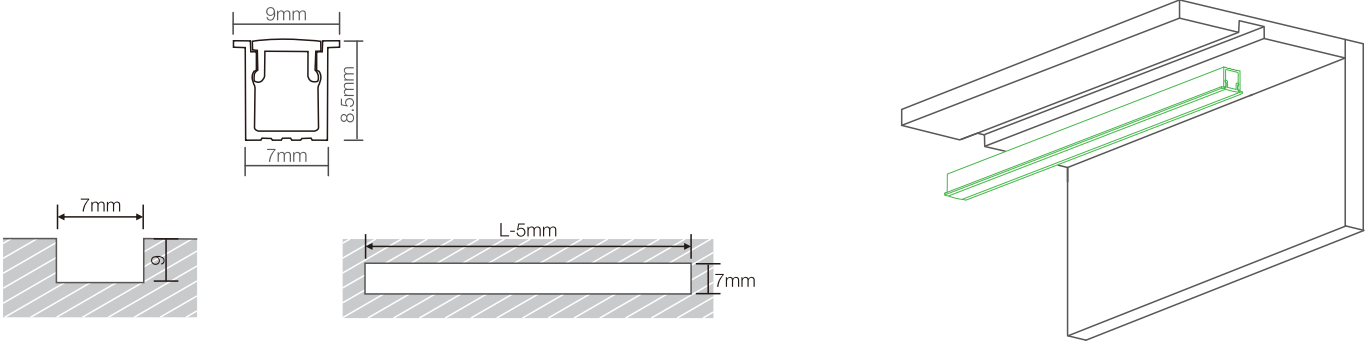
TECHNICAL DATA

Item No.	Input Voltage	Wattage	LED Type	LED Quantity	CRI
A06A	12VDC	6W/m	SMD2835	120pcs/m	>90
				168pcs/m	

A07 Recessed LED Strip Light

3000K
4000K
6000K

FEATURES

◆ Two different len places, Inside and flat direction both.
◆ Frosted lens, soft and even lighting effect.
◆ High competitive price for project use.
◆ Black finish available.

Black

COMBINATION CHART

Recommended Groove Size: Length*10mm(width)*10mm(depth)

12mm
10mm
9.9mm
1. Straight face mask

12mm
10mm
9.9mm
2. Face mask tilted

10mm
10

L
10mm
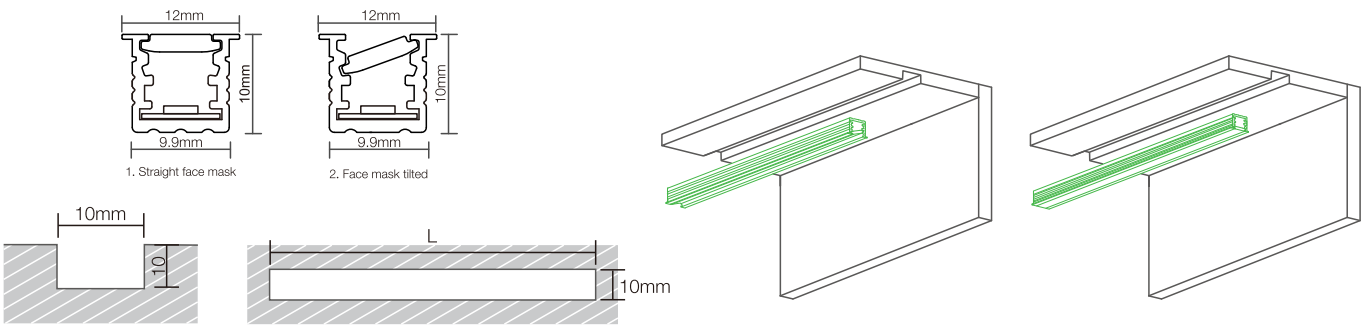
TECHNICAL DATA

Item No.	Input Voltage	Wattage	LED Type	LED Quantity	CRI
A07	12VDC	6W/m	SMD2835	168pcs/m	>90
		10W/m		120pcs/m	

A08　Recessed LED Strip Light

3000K
4000K
6000K

FEATURES

◆ Many option in different sensor switches.
◆ High competivie price for project use.
◆ Recessed mounting way.
◆ Soft and even lighting effect.

Silver

PIR Sensor　Touch Sensor　Hand Sensor

COMBINATION CHART

Recommended Groove Size: Length(-15mm)*16.5mm(width)*12mm(depth)

22mm
11.8mm
16mm
16.5mm
12
L-15mm
16.5mm
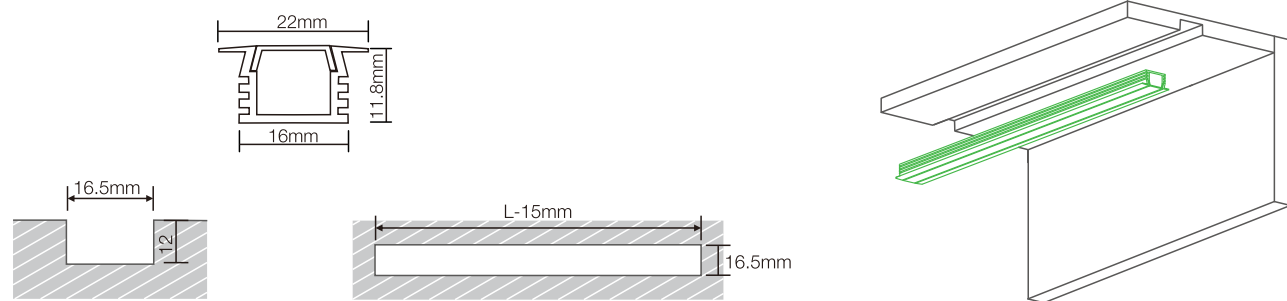
TECHNICAL DATA

Item No.	Input Voltage	Wattage	LED Type	LED Quantity	CRI
A08	12VDC	10W/m	SMD2835	120pcs/m	>90

B01　Surfaced LED Strip Light

3000K
4000K
6000K
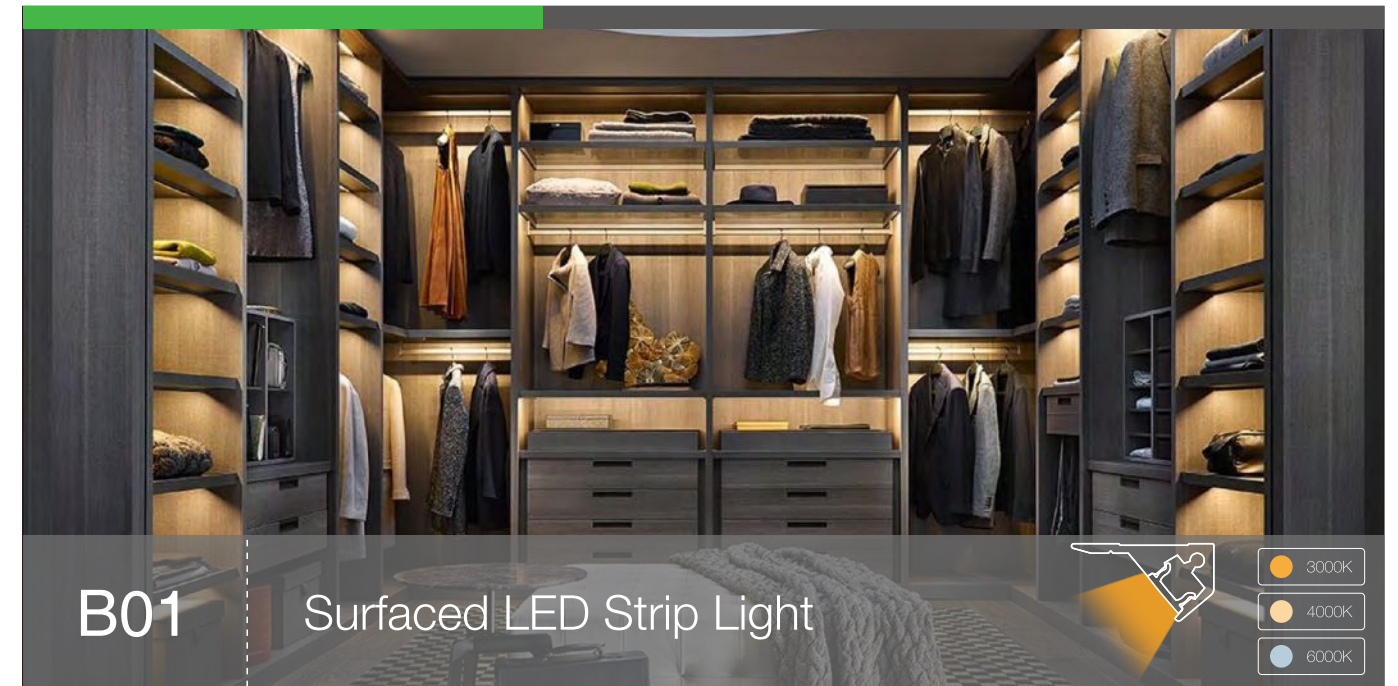
FEATURES

◆ 3M tape and screw mounting for option
◆ Easy self-cut with two cables in the ends
◆ Inside shinning direction, soft and even
◆ Corner installation available

Silver
Black

COMBINATION CHART

18mm
9.8mm
Installation: 3M tape
8mm
95mm
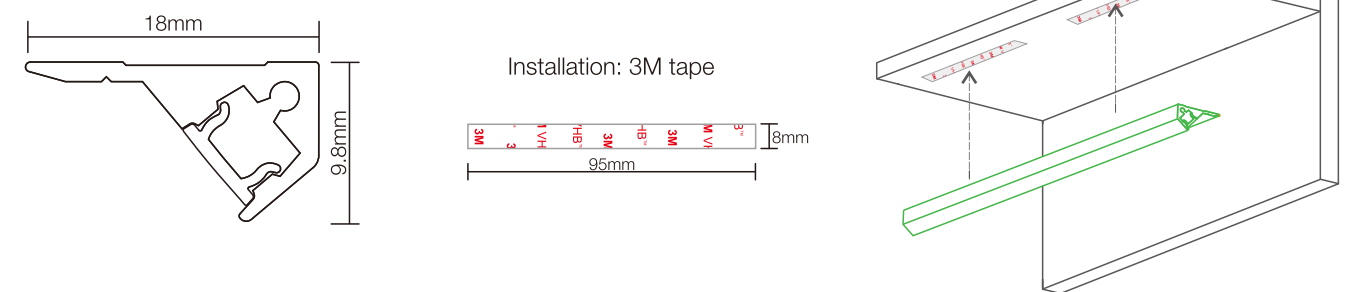
TECHNICAL DATA

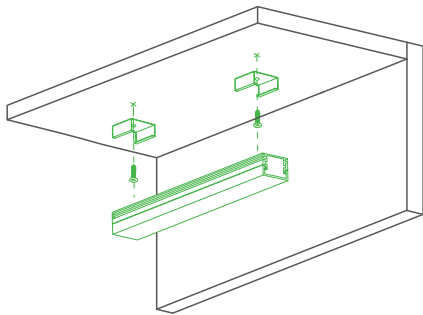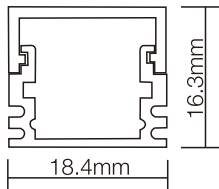| Item No.	Input Voltage	Wattage	LED Type	LED Quantity	CRI
B01	12VDC	6W/m	SMD2835	120pcs/m	>90

B10 Surfaced Black Strip Light

3000K
4000K
6000K
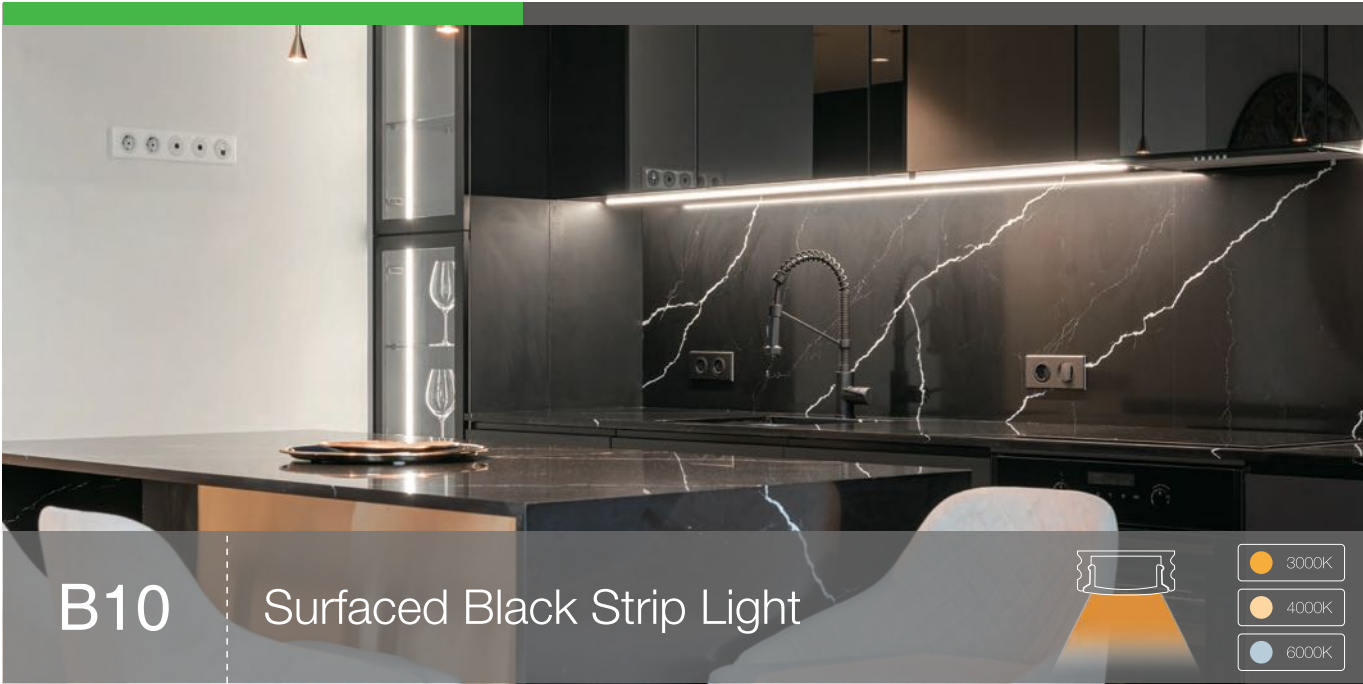
FEATURES

◆ Decoration use in kitchen.
◆ High competivie price for project use.
◆ Soft and even lighting effect.
◆ Clip mounting.
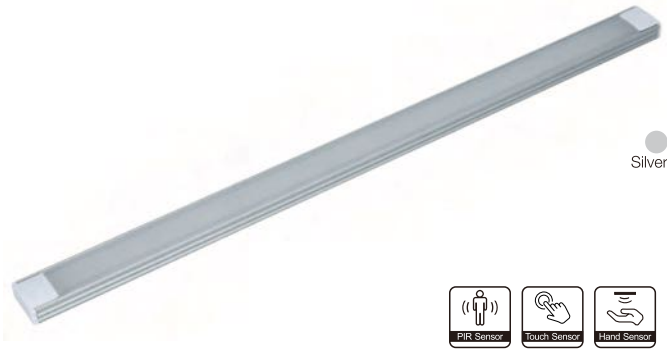
Silver

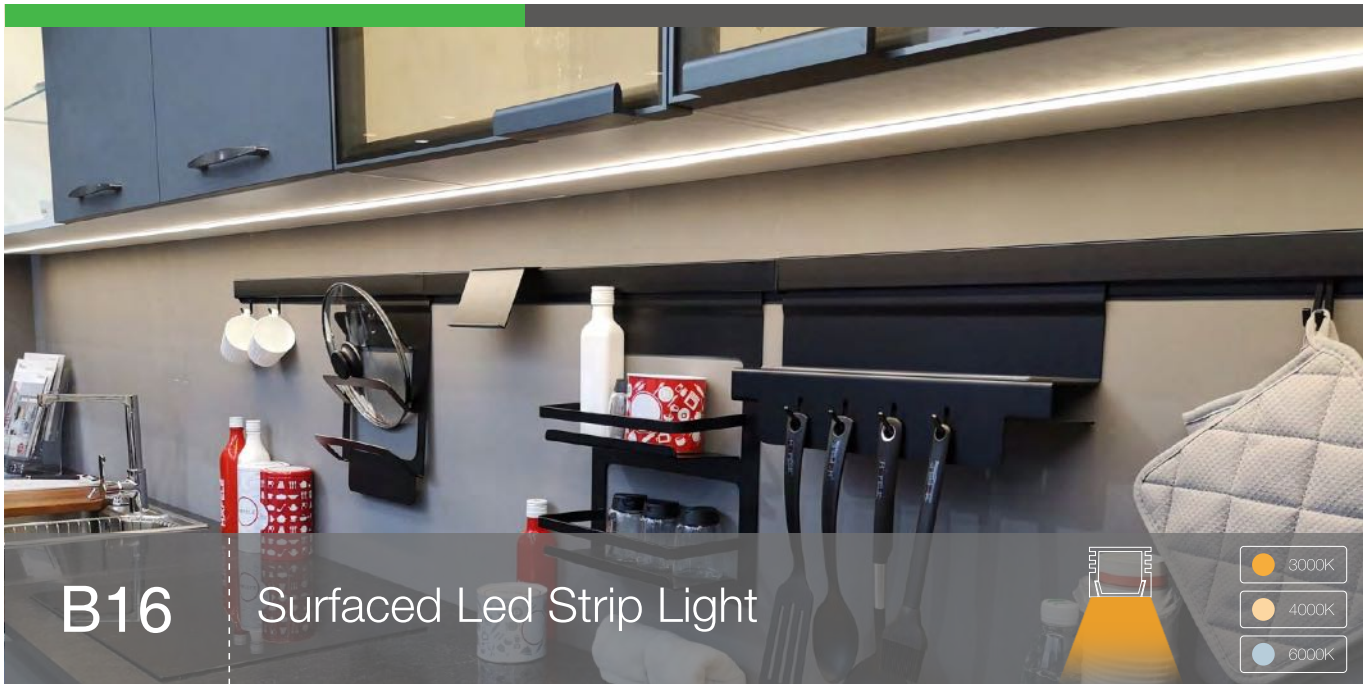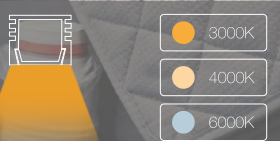PIR Sensor | Touch Sensor | Hand Sensor

COMBINATION CHART

7.6mm
17.4mm
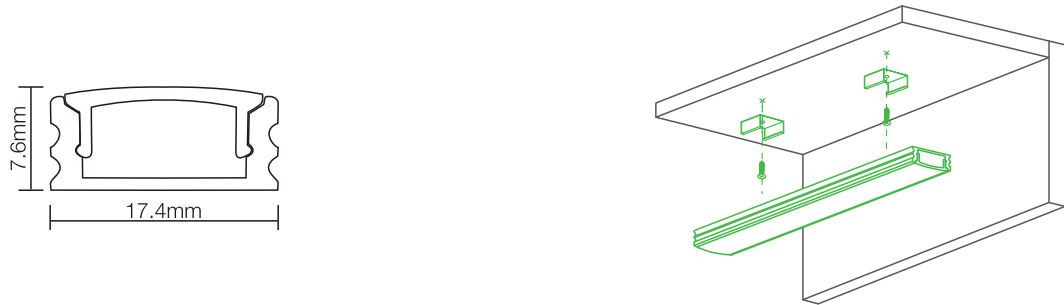
TECHNICAL DATA

Item No.	Input Voltage	Wattage	LED Type	LED Quantity	CRI
B10	12VDC	10W/m	SMD2835	120pcs/m	>90

B13 Surfaced Led Strip Light

3000K
4000K
6000K

FEATURES

◆ Single plastic body, whole shinning in the surface.
◆ Silicone ends, waterproof IP44.
◆ Recessed& surfaced mounting both.
◆ Vertical instalation is available.

Silver

COMBINATION CHART

12mm
11mm

TECHNICAL DATA

Item No.	Input Voltage	Wattage	LED Type	LED Quantity	CRI
B13	12VDC	10W/m	SMD2835	120pcs/m	>90
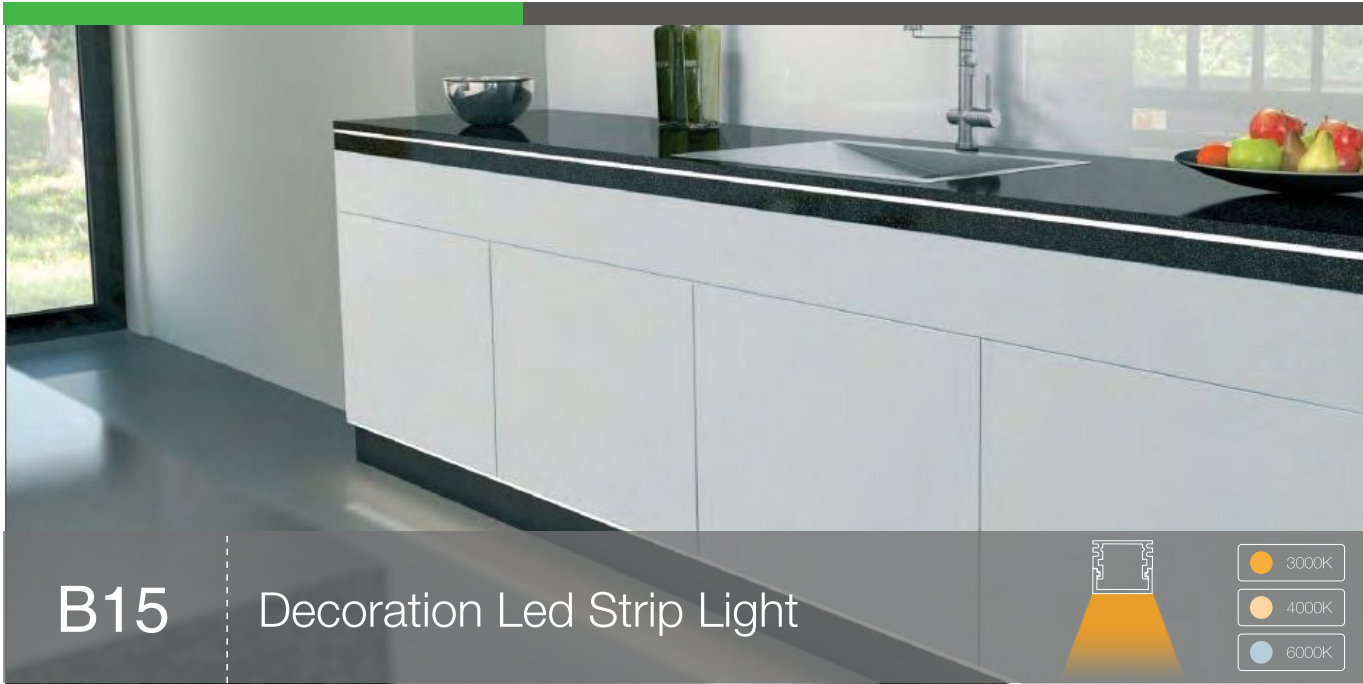
B15 — Decoration Led Strip Light

3000K
4000K
6000K

FEATURES

◆ Decoration use in kithen.
◆ High competivie price for project use.
◆ Soft and even lighting effect.
◆ Clip mounting.

Silver

COMBINATION CHART

16.3mm
18.4mm

TECHNICAL DATA

Item No.	Input Voltage	Wattage	LED Type	LED Quantity	CRI
B15	12VDC	10W/m	SMD2835	120pcs/m	>90

B16 — Surfaced Led Strip Light

3000K
4000K
6000K

FEATURES

◆ Many option in different sensor switches.
◆ High competivie price for project use.
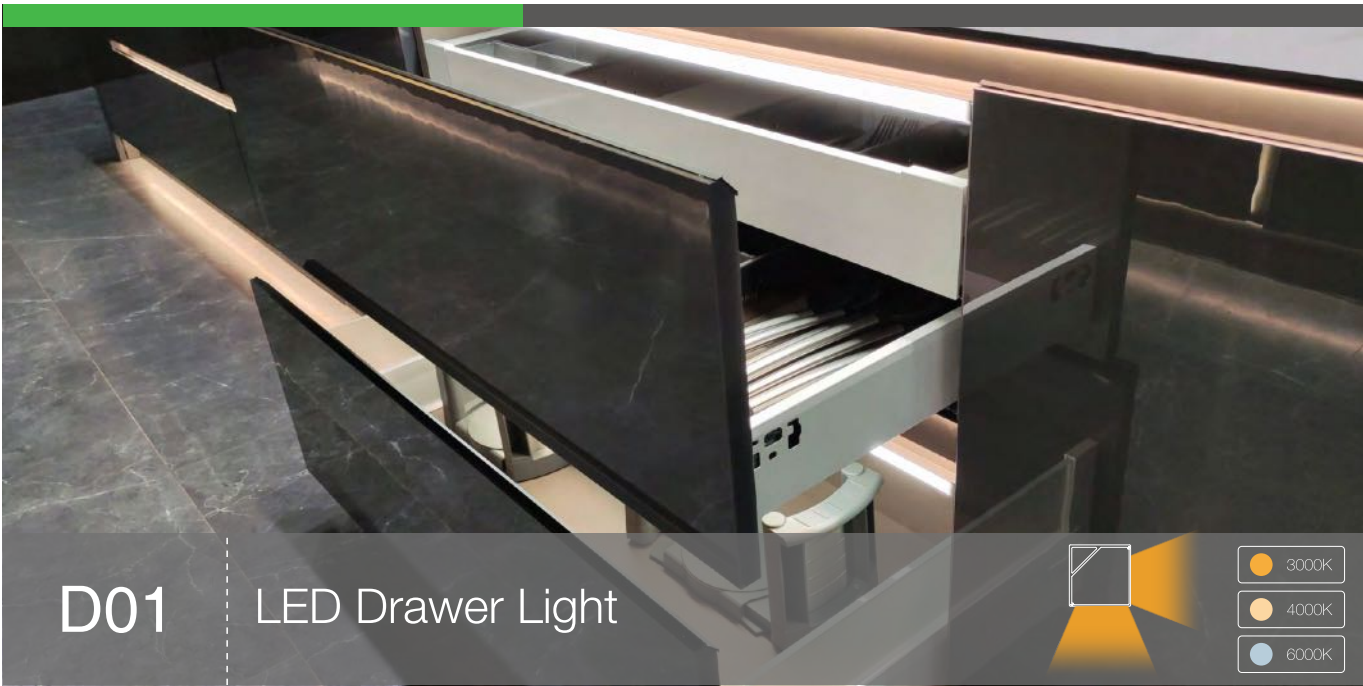◆ Soft and even lighting effect.
◆ Surfaced clip mounting.

Silver
Black

PIR Sensor | Touch Sensor | Hand Sensor

COMBINATION CHART

12mm
16mm

TECHNICAL DATA

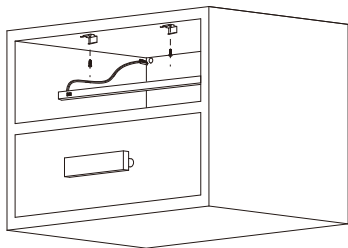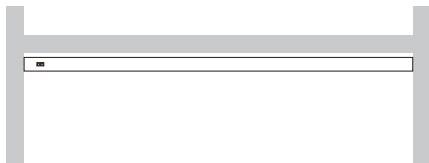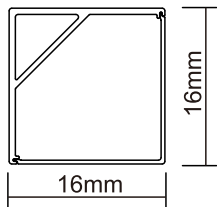| Item No.	Input Voltage	Wattage	LED Type	LED Quantity	CRI
B16	12VDC	10W/m	SMD2835	120pcs/m	>90

D01 LED Drawer Light

3000K
4000K
6000K

FEATURES

- Door trigger sensor, drawer use.
- Used both in single or double door.
- Lighting direction to front and down side.
- Cusotm-made length.
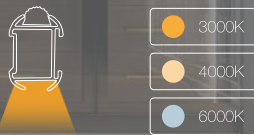
Silver

COMBINATION CHART

16mm
16mm

TECHNICAL DATA

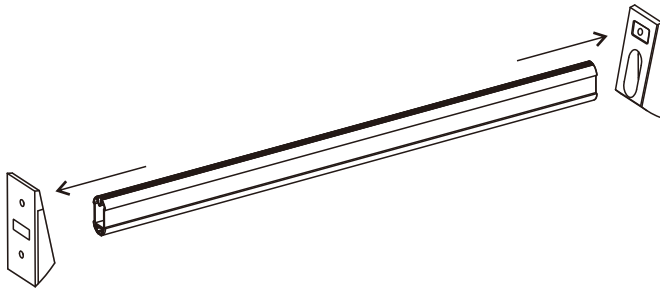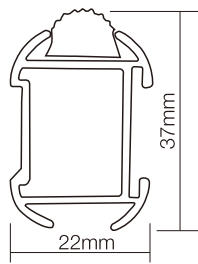| Item No.	Input Voltage	Wattage	LED Type	LED Quantity	CRI
D01	12VDC	10W/m	SMD2835	120pcs/m	>90

E01 LED Wardrobe Light

3000K
4000K
6000K

FEATURES

Champagne

- Custom-made length.
- 12VDC&batteery power supply both.
- PIR sensor switches.
- Side panel mounting.

COMBINATION CHART

37mm
22mm

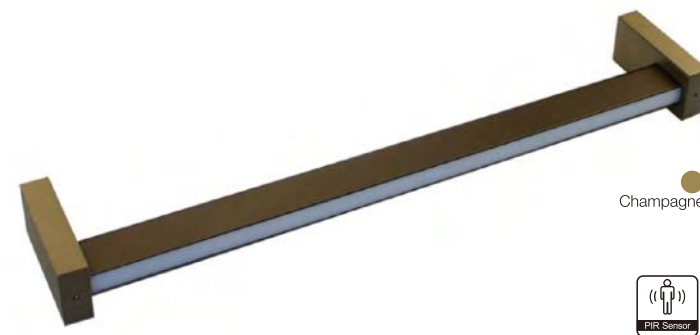### TECHNICAL DATA

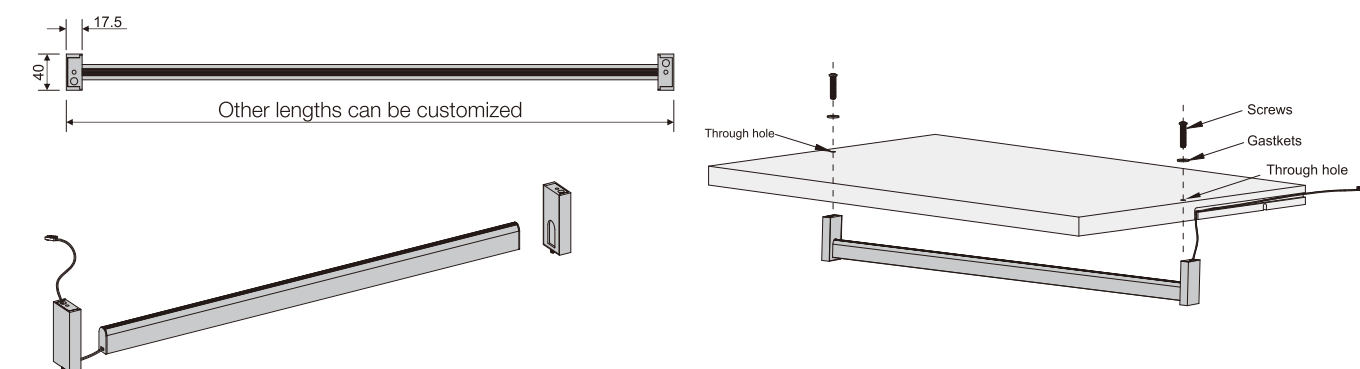| Item No.	Input Voltage	Wattage	LED Type	LED Quantity	CRI
E01	12VDC	10W/m	SMD2835	120pcs/m	>90
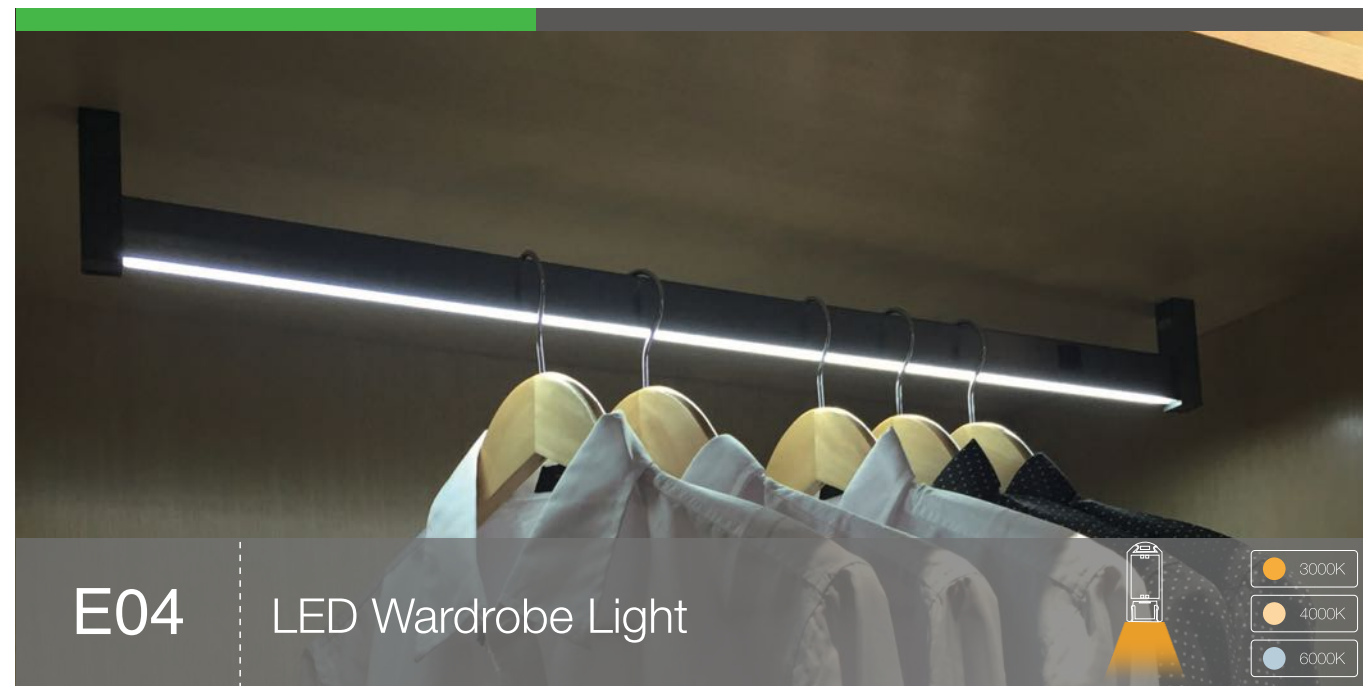
E04 LED Wardrobe Light

3000K
4000K
6000K

FEATURES

◆ PIR Sensor switch.
◆ Top& side panel installation both.
◆ 12V & DC battery power supply both.
◆ Custom-made length.

Champagne

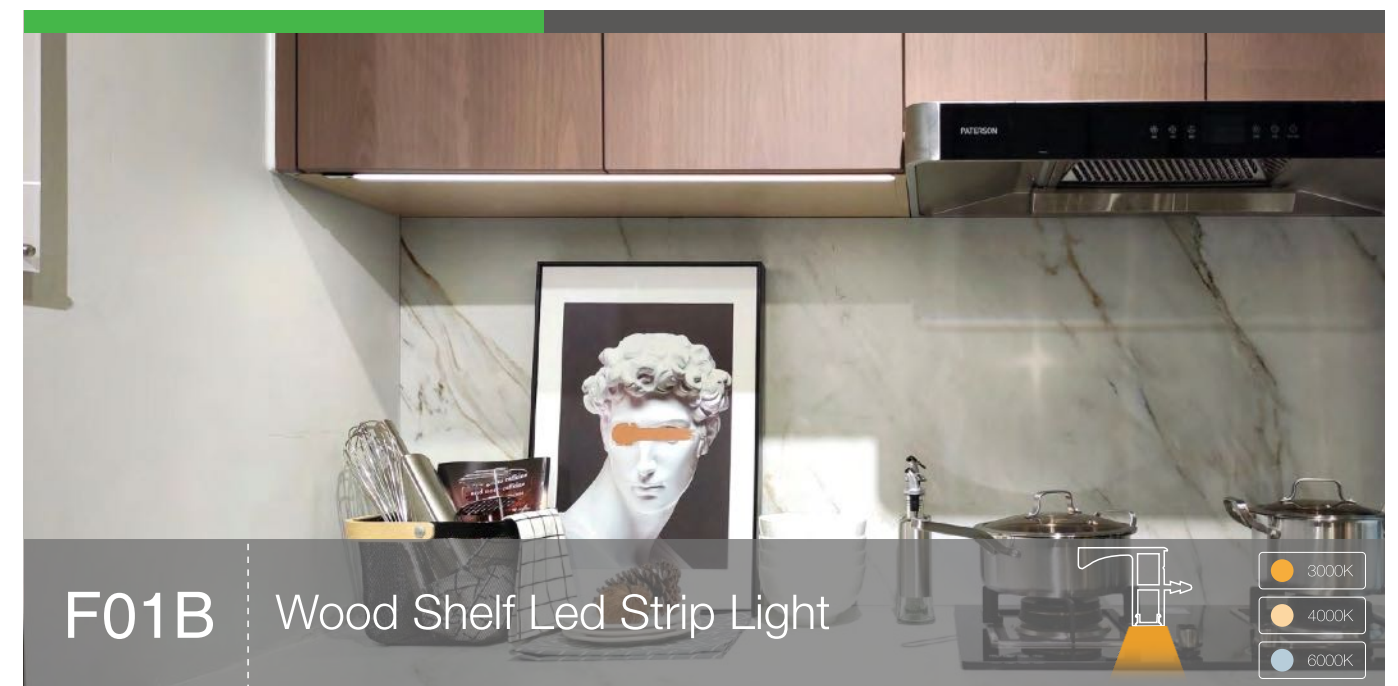## COMBINATION CHART

17.5
40
Other lengths can be customized

Through hole
Screws
Gastkets
Through hole

TECHNICAL DATA

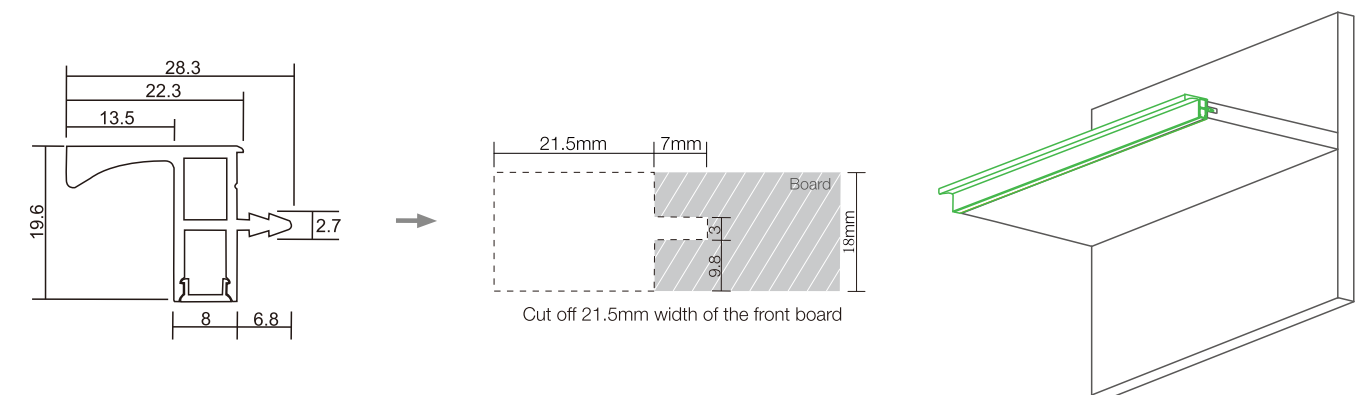| Item No.	Input Voltage	Wattage	LED Type	LED Quantity	CRI
E04	12VDC	10W/m	SMD2835	120pcs/m	>90

F01B Wood Shelf Led Strip Light

3000K
4000K
6000K

FEATURES

◆ One-sided and downward light.
◆ Custom-made length.
◆ Handle free design.
◆ Suitable 18mm thickness wood panel.

Silver
Black

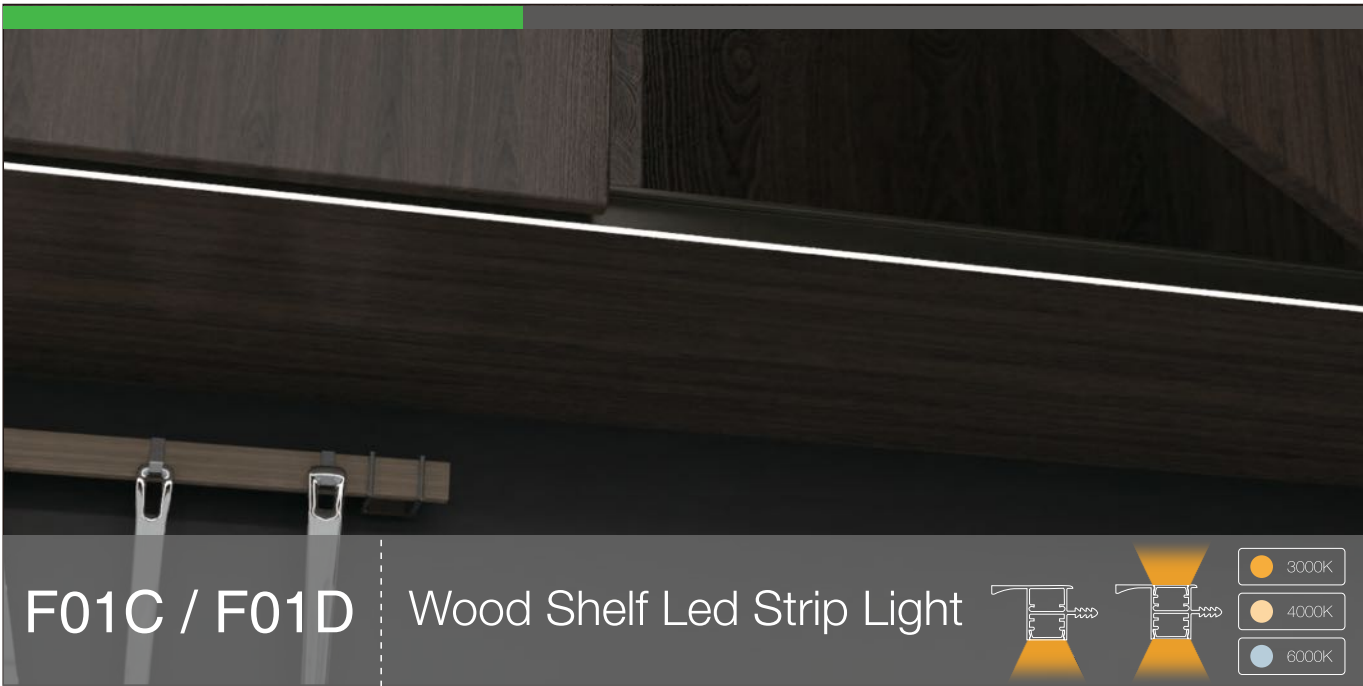## COMBINATION CHART

28.3
22.3
13.5
19.6
2.7
8 6.8

21.5mm 7mm
Board
3 9.8 18mm
Cut off 21.5mm width of the front board

TECHNICAL DATA

Item No.	Input Voltage	Wattage	LED Type	LED Quantity	CRI
F01B	12VDC	6W/m	SMD2835	156pcs/m	>90

F01C / F01D — Wood Shelf Led Strip Light

3000K
4000K
6000K
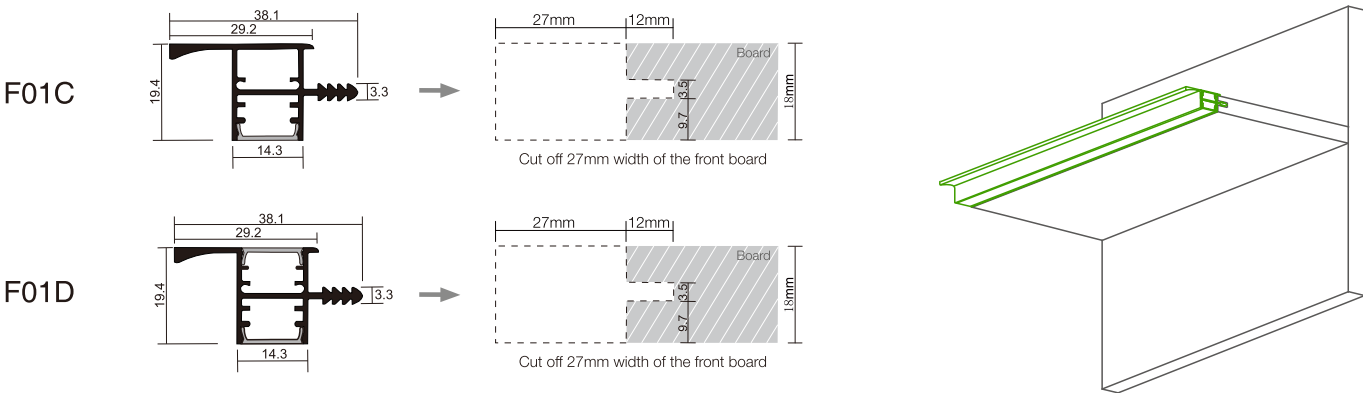
F02 — Wood Shelf Led Strip Light

3000K
4000K
6000K

FEATURES

◆ F01C down direction shinning, F01D Up and down two direction shinning.
◆ Hand shaking and touch switch for choice.
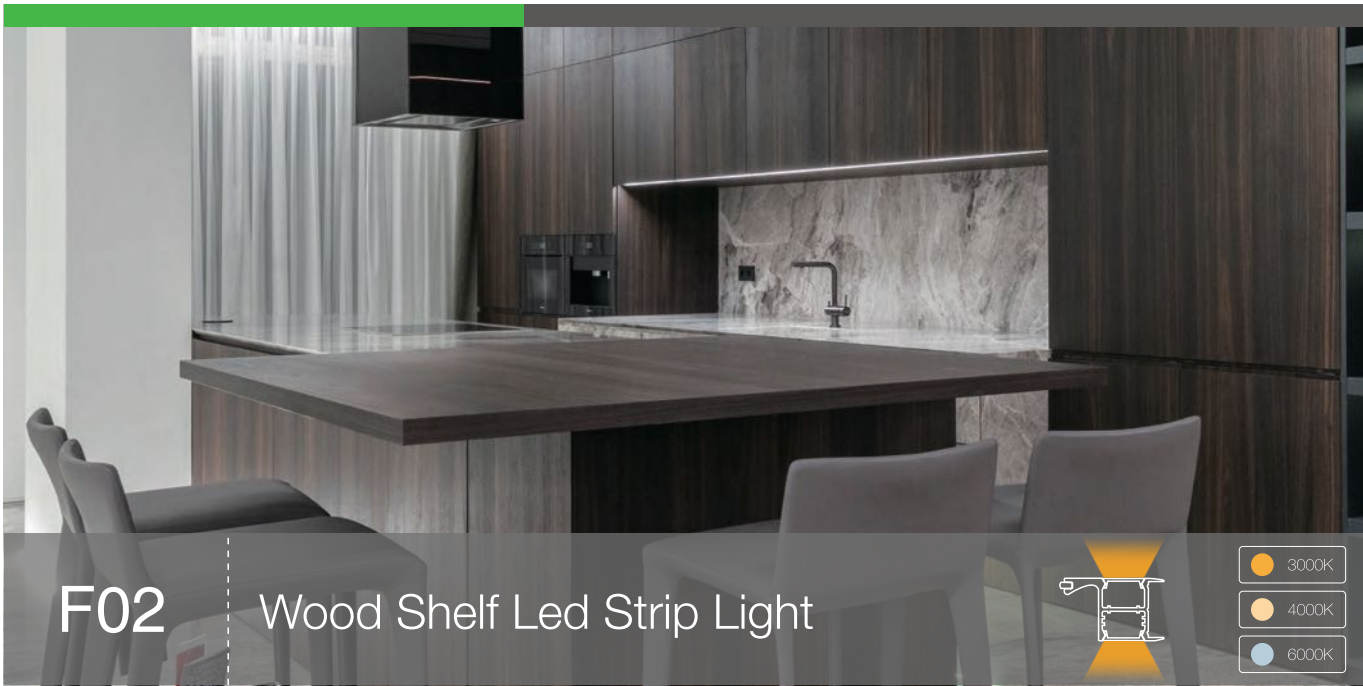◆ Handle free design.
◆ Suitable 18mm thickness wood panel.

Silver
Black

F01D   F01C

Touch Sensor   Hand Sensor

FEATURES

◆ Free handle design with curvy surface, comfortable using
◆ With anti-collision strips to avoid scratching the surface
◆ No visible light dots, uniform and soft lighting
◆ Suitable for 18mm thick board

Silver
Black

Touch Sensor   Hand Sensor

COMBINATION CHART

F01C

38.1
29.2
19.4
3.3
14.3

27mm   12mm
Board
9.5
9.7
18mm

Cut off 27mm width of the front board

F01D

38.1
29.2
19.4
3.3
14.3

27mm   12mm
Board
9.5
9.7
18mm

Cut off 27mm width of the front board

COMBINATION CHART

32mm
27mm
18mm
20.8mm

27mm
Board
18mm

Cut off 27mm width of the front board

TECHNICAL DATA

Item No.	Input Voltage	Wattage	LED Type	LED Quantity	CRI
F01C	12VDC	6W/m	SMD2835	156pcs/m	>90
F01D		6W/m(x2)		156pcs/m (x2)	
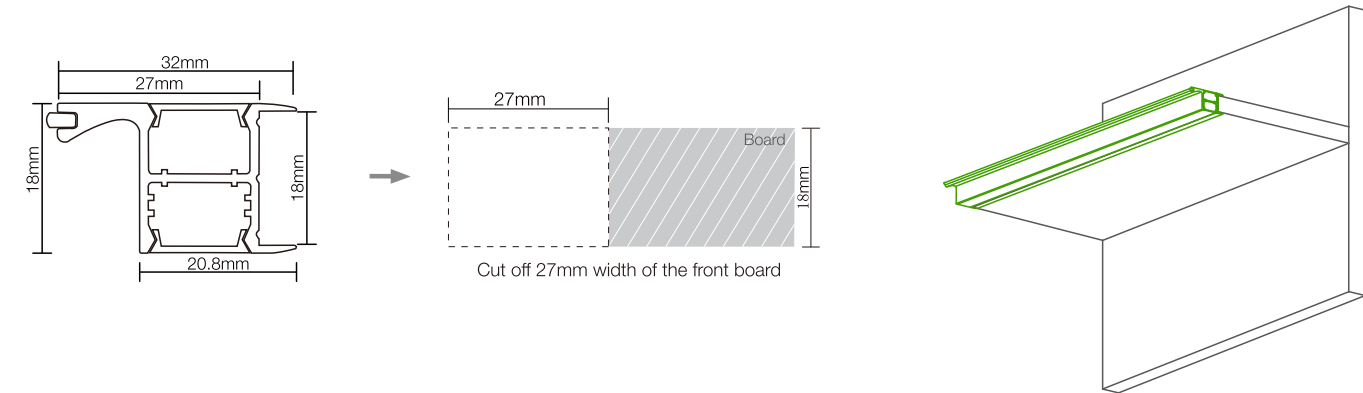
TECHNICAL DATA

Item No.	Input Voltage	Wattage	LED Type	LED Quantity	CRI
F02	12VDC	6W/m	SMD2835	156pcs/m	>90

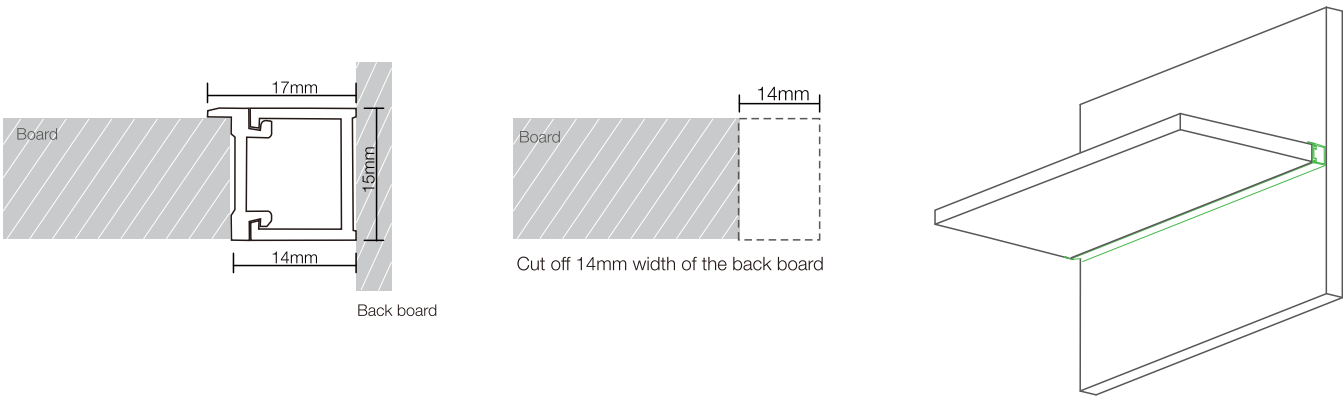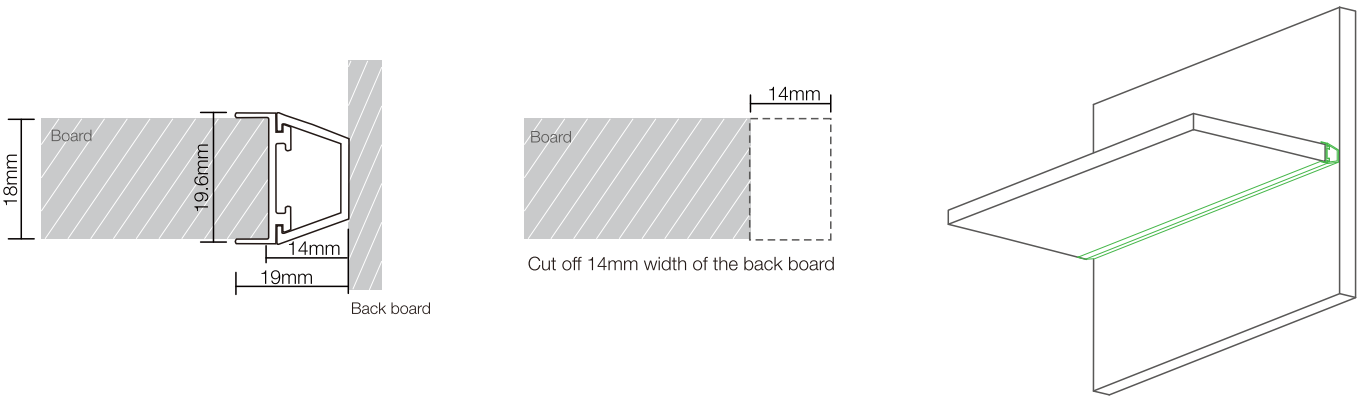## F04 — Wood Shelf Led Strip Light

| | 3000K |
| 4000K |
| 6000K |

FEATURES

- Up and down two direction shinning
- 3M tape mounting, easy installation.
- Suitable 16~25mm wood shelf thickness
- Custom-made length.

Silver
Black

COMBINATION CHART

17mm
14mm
15mm
14mm

Board
Back board

14mm
Board
Cut off 14mm width of the back board

TECHNICAL DATA

Item No.	Input Voltage	Wattage	LED Type	LED Quantity	CRI
F04	12VDC	10W/m	SMD2835	120pcs/m	>90

F05 — Wood Shelf Led Strip Light

| | 3000K |
| 4000K |
| 6000K |

FEATURES

- Up and down two direction shinning.
- Clip mounting, easy installation.
- Suitable 18mm wood shelf thickness.
- Custom-made length.

Grey
Black

COMBINATION CHART

18mm
19.6mm
14mm
19mm

Board
Back board

14mm
Board
Cut off 14mm width of the back board

TECHNICAL DATA

Item No.	Input Voltage	Wattage	LED Type	LED Quantity	CRI
F05	12VDC	10W/m	SMD2835	120pcs/m	>90

G02   Glass Clip Led Strip Light

- 3000K
- 4000K
- 6000K

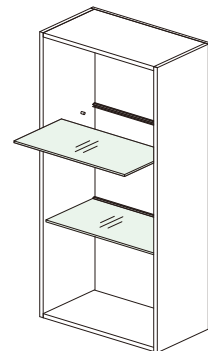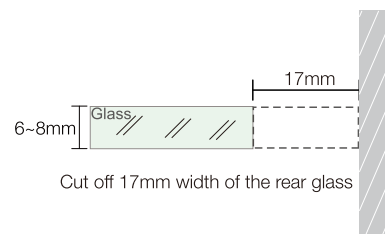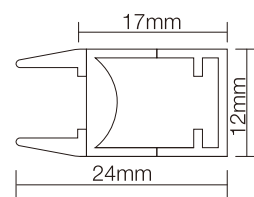## G04   Glass Clip Led Strip Light

- 3000K
- 4000K
- 6000K
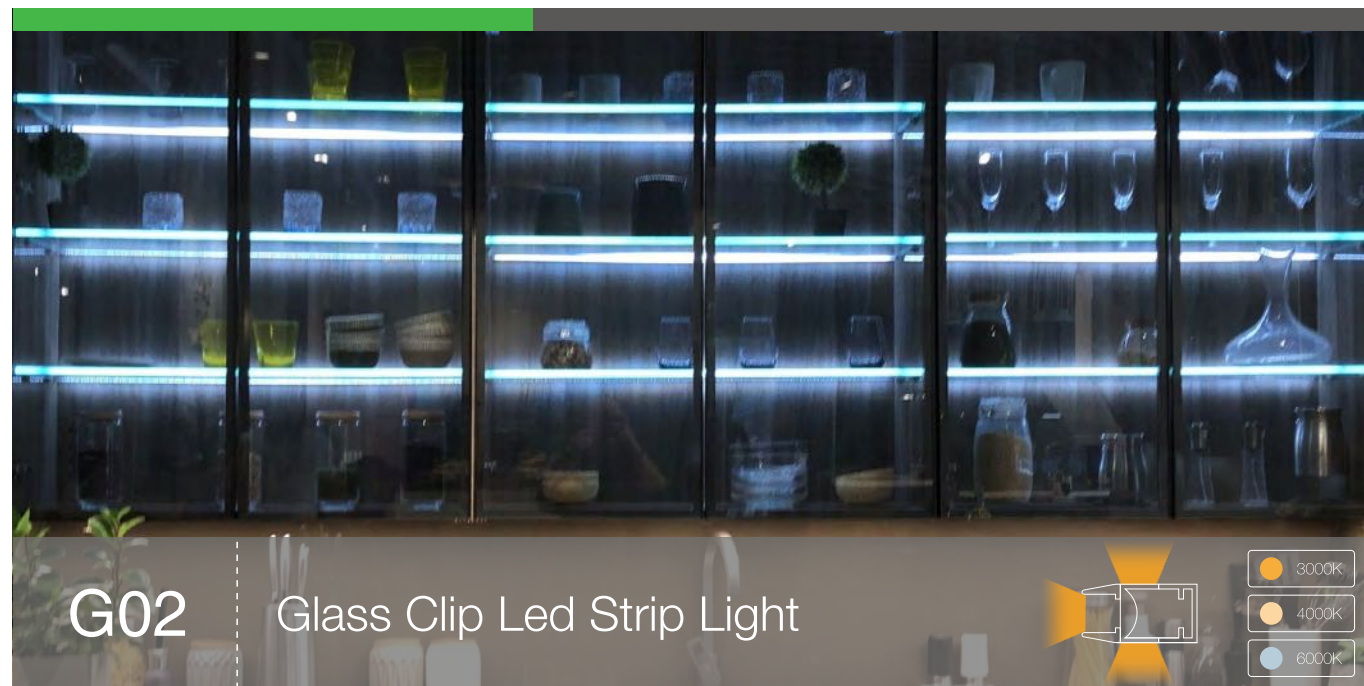
FEATURES

- ◆ Lighting in three different directions.
- ◆ No led dots in surface, ven and soft.
- ◆ Suitable for 6-8mm thickness glass shelf.
- ◆ Lighting effect soft and even.

Grey

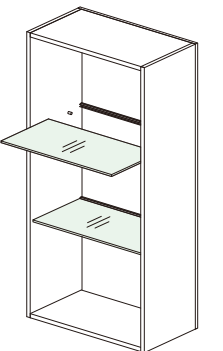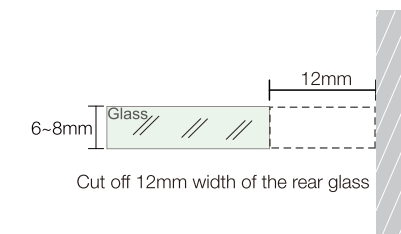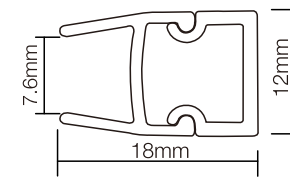## FEATURES

- ◆ Application in glass shelf.
- ◆ Single or RGB color both.
- ◆ Suitable for 8mm glass shelf.
- ◆ Lighting effect soft and even.

Silver

COMBINATION CHART

17mm
12mm
24mm

17mm
Glass
6~8mm
Cut off 17mm width of the rear glass

COMBINATION CHART

7.6mm
12mm
18mm

12mm
Glass
6~8mm
Cut off 12mm width of the rear glass

TECHNICAL DATA

Item No.	Input Voltage	Wattage	LED Type	LED Quantity	CRI
G02	12VDC	10W/m	SMD2835	120pcs/m	>90

TECHNICAL DATA

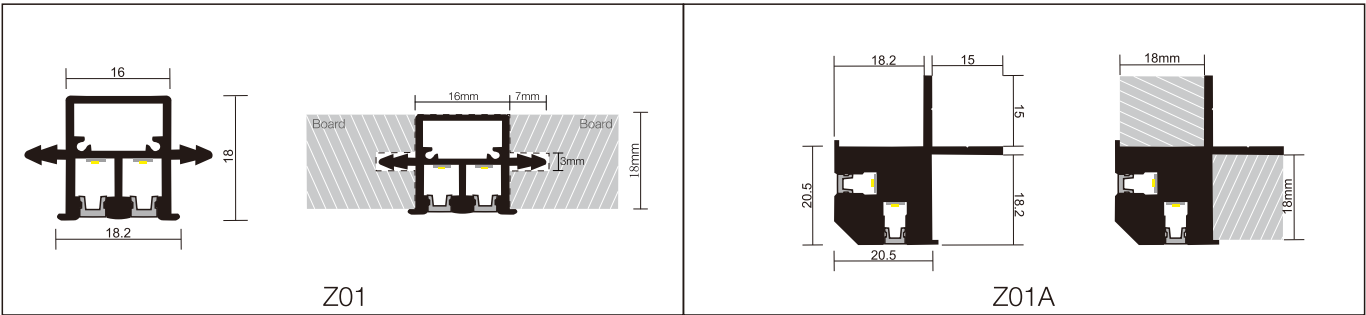| Item No.	Input Voltage	Wattage	LED Type	LED Quantity	CRI
G04	12VDC	5W/m	SMD2835	60pcs/m	>90
		10W/m	SMD2835	120pcs/m	

Z01/Z01A Led Wall Panel Light

3000K
4000K
6000K

FEATURES

◆ Z01 double Row LED Strips design, used for splicing
   18mm thick wall panel (straight place.)
◆ Z01A double Row LED Strips design (Two direction),
   used for 18mm thick wall panel(Corner place)
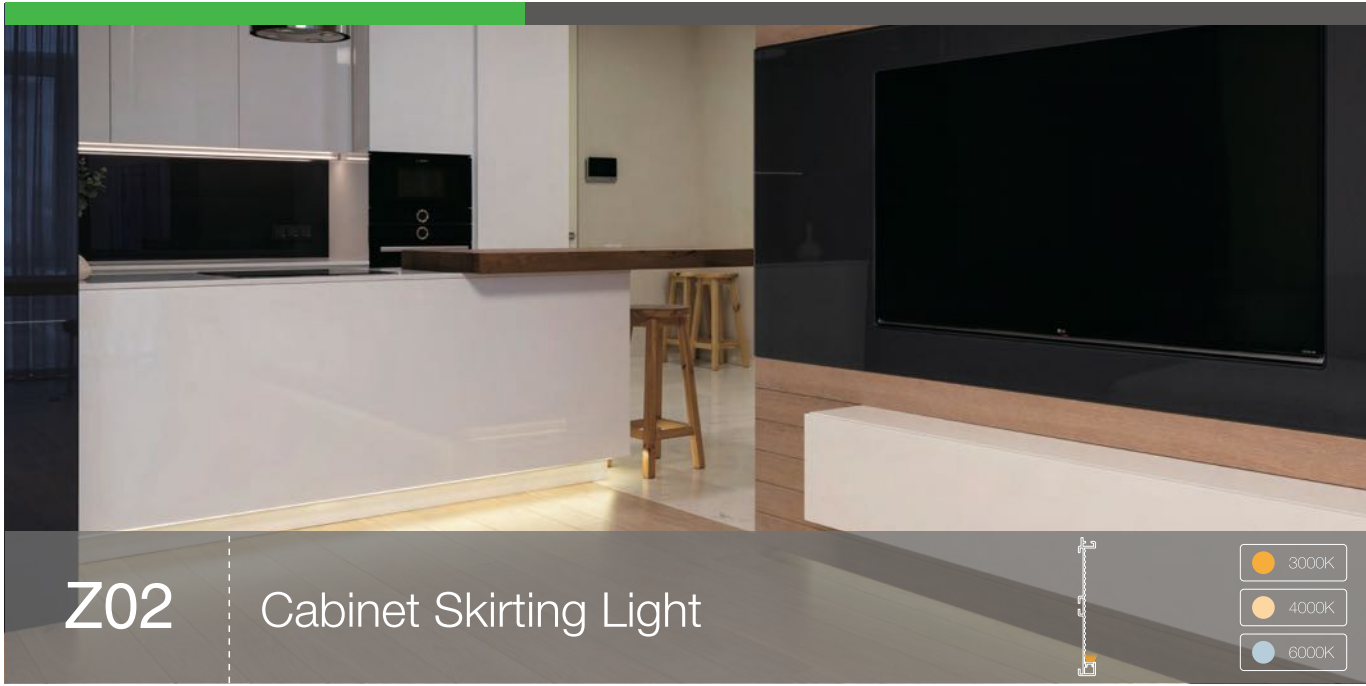◆ Lighting effect soft and custom-made length.

Grey

Z01   Z01A

COMBINATION CHART

Z01   Z01A

TECHNICAL DATA

Item No.	Input Voltage	Wattage	LED Type	LED Quantity	CRI
Z01	12VDC	6W/m(x2)	SMD2835	156pcs/m	>90
Z01A					

Z02 Cabinet Skirting Light

3000K
4000K
6000K

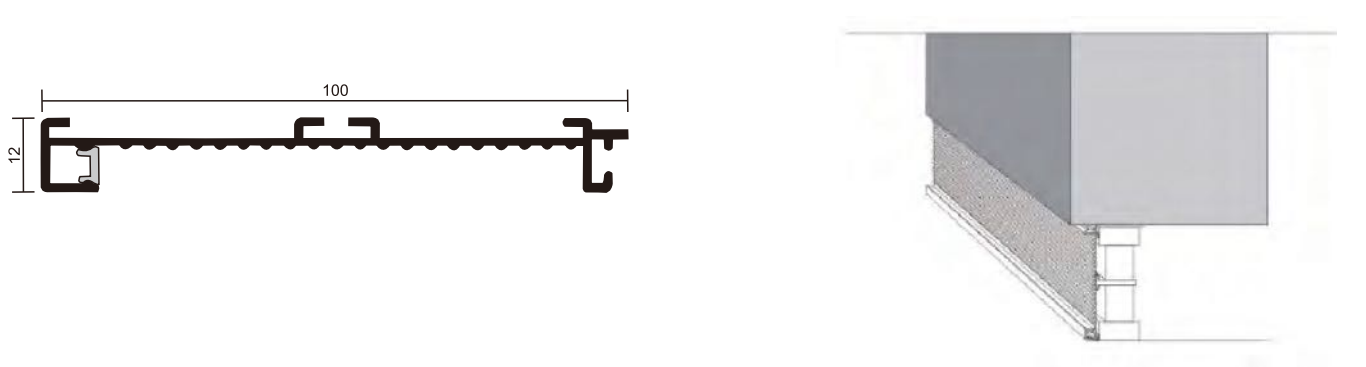### FEATURES

◆ Built in Waterproof led strips, Durable and moisture-proof.
◆ Refractive luminescence, Universal Corner, Easy to install.
◆ Suitable for Kitchen, Wine cabinet,etc.
◆ Effectively solve underfoot lighting

Black

COMBINATION CHART

TECHNICAL DATA

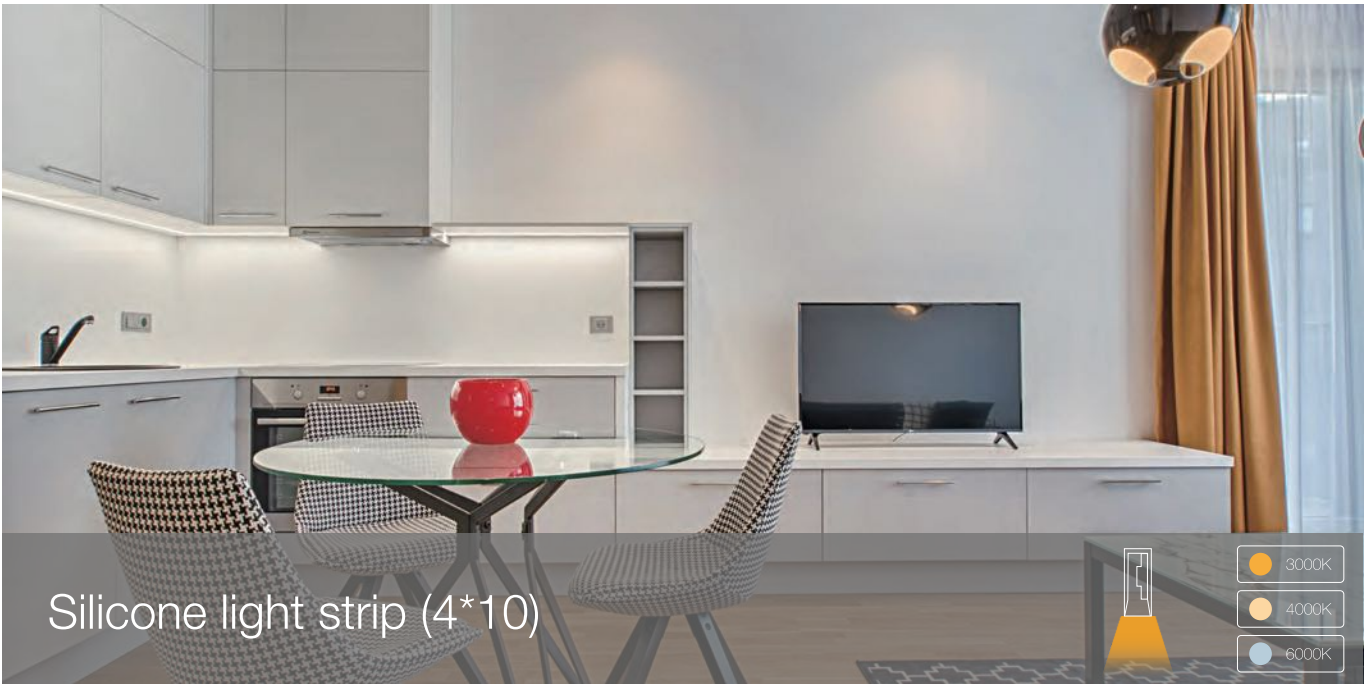| Item No.	Input Voltage	Wattage	LED Type	LED Quantity	CRI
Z02	12VDC	6W/m	SMD2835	156pcs/m	>90

Part 4

Flexible Light Series

Flexible strip light types and shapes

① Silicone Light Strip

② COF Light

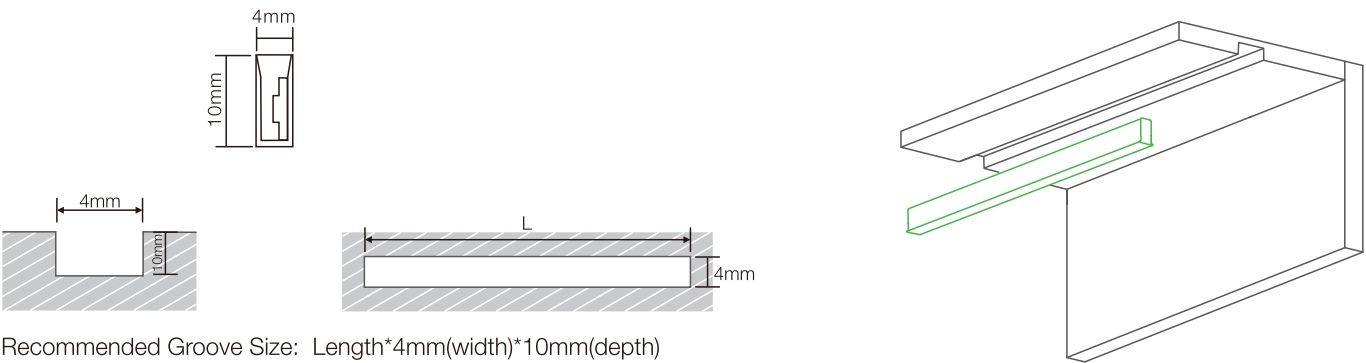③ Flexible Light

④ Quick Connector Series

SILICONE LIGHT SERIES

Silicone light strip (4*10)

3000K
4000K
6000K

FEATURES

◆ Creative design, simple and fast installation, elegant lighting source.

◆ Side-emtting way, lightig source soft and even.

◆ 180 degree bent, able to variety of shapes.

◆ Extremely small size, only 4*10mm

COMBINATION CHART

4mm

10mm

4mm

10mm

L

4mm

Recommended Groove Size: Length*4mm(width)*10mm(depth)

TECHNICAL DATA

Item No.	Input Voltage	Wattage	LED Type	LED Quantity	CRI
4*10-J2835-120-OW1	12VDC	6W/m	SMD2835	120pcs/m	>90

Silicone light strip (5*11)

3000K
4000K
6000K

Silicone light strip (5*8)

3000K
4000K
6000K

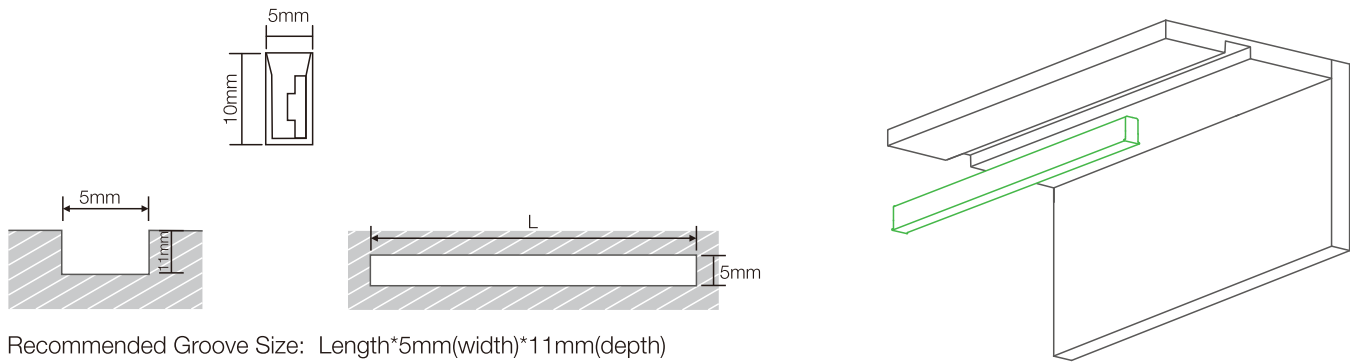### FEATURES

◆ Creative design, simple and fast installation, elegant lighting source.
◆ LED strip and silicone rubber extrusion together.
◆ 180 degree bent, able to variety of shapes.
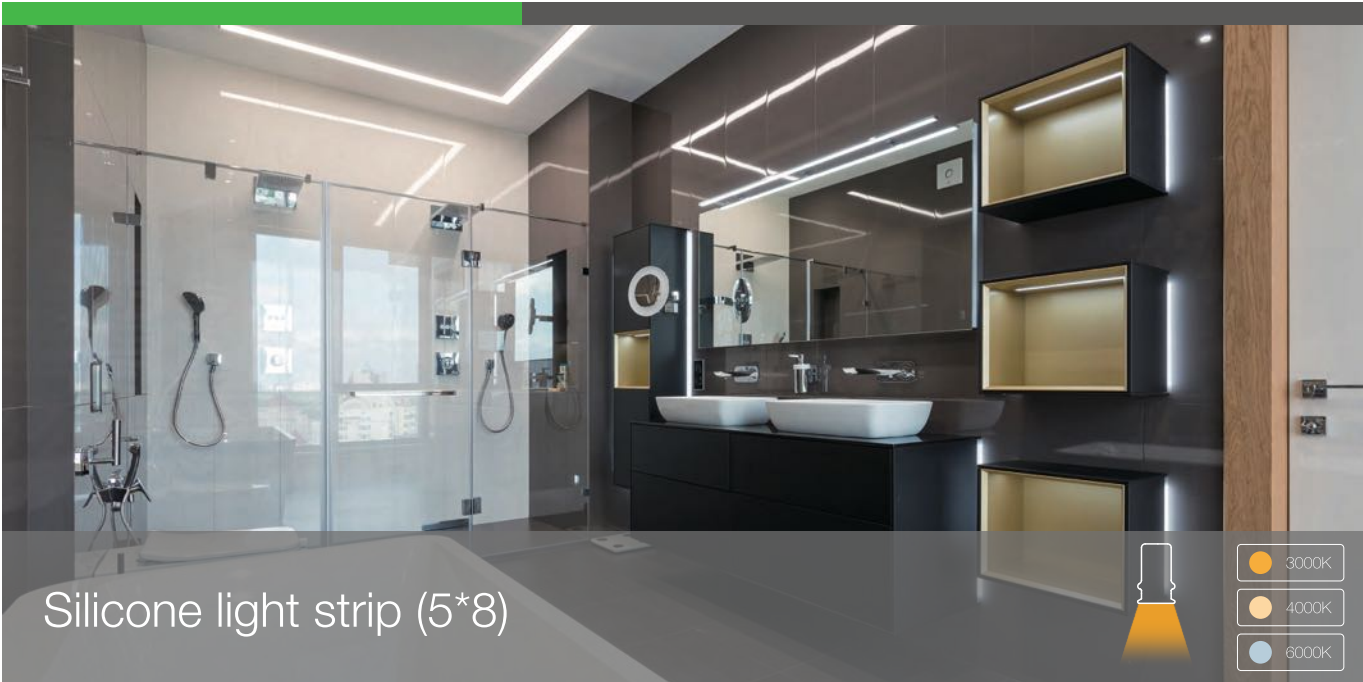◆ Black finish, suitable for dark color furniture.

FEATURES

◆ Creative design, simple and fast installation, elegant lighting source.
◆ LED strip and silicone rubber extrusion together.
◆ 180 degree bent, able to variety of shapes.
◆ Extremely small size, only 5*8mm

COMBINATION CHART

5mm
10mm

5mm
11mm

L
5mm

Recommended Groove Size: Length*5mm(width)*11mm(depth)

COMBINATION CHART

5mm
8mm

5mm
8mm

L
5mm

Recommended Groove Size: Length*5mm(width)*8mm(depth)

Recessed

Surfaced

TECHNICAL DATA

Item No.	Input Voltage	Wattage	LED Type	LED Quantity	CRI
5*11-J2835-120-OW1	12VDC	6W/m	SMD2835	120pcs/m	>90
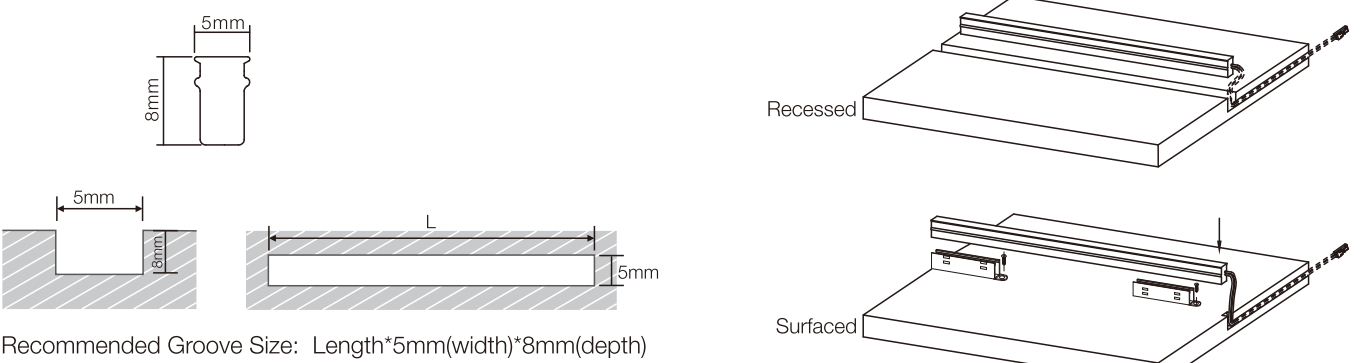
TECHNICAL DATA

Item No.	CCT	Input Voltage	Wattage	LED Type	LED Quantity	CRI
5*8-J2835-168-OW3	Single	12VDC	9W/m	SMD2835	168pcs/m	>90
5*8-J2835-336-OM3	Dual			SMD2216	336pcs/m	

FLEXIBLE LIGHT SERIES

Length of each group

+12V +12V +12V

CNG CNG CNG
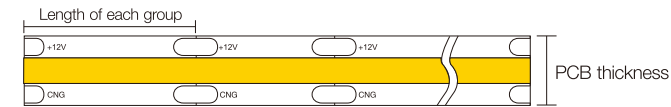
PCB thickness

Item No.	Voltage	Wattage	LED Type	LED Quantity	PCB Thickness	Length of each group
JCOF-432W5-OW2	12VDC	8W/m	COF	432pcs/m	5mm	40mm
JCOF-360W8-OW3	12VDC	10W/m	COF	360pcs/m	8mm	25mm

Length of each group
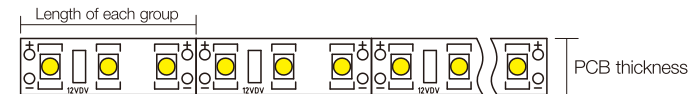
PCB thickness

Item No.	Voltage	Wattage	LED Type	LED Quantity	PCB Thickness	Length of each group
J2835-120W8-OW3	12VDC	10W/m	2835	120pcs/m	8mm	25mm
J2835-168W8-OW3	12VDC	10W/m	2835	168pcs/m	8mm	17.86mm
J2835-120W5-OW1	12VDC	6W/m	2835	120pcs/m	5mm	25mm
J2835-168W5-OW1	12VDC	6W/m	2835	168pcs/m	5mm	17.86mm

1500

5000

2

8
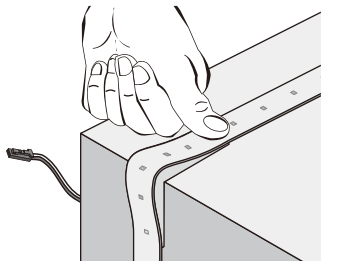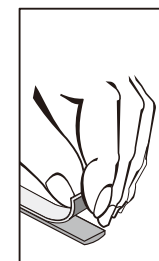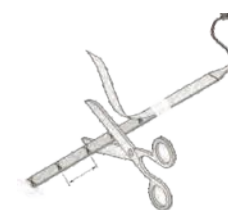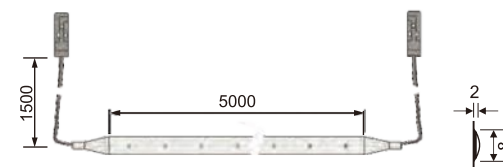
QUICK CONNECTOR SERIES

Connector

Item No.	MY03
Width	10 / 8 / 6mm
Packing	100pcs/bag
Color	Transparent

Connector

Item No.	MY03-L
Width	10 / 8 / 6mm
Packing	100pcs/bag
Color	Transparent

Front   Back

Press

Top   Left
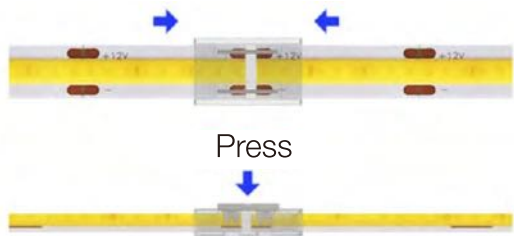
Cables- 100/1000mm

Item No.	MY04
Length	100 /1000mm
Packing	100pcs/bag
Color	Black

Extension Cables

| Item No.	MY05
Length	100mm
Packing	100pcs/bag
Color	White

Part 5
Accessories Series

Different Accessories needed to match with LED lights.

① LED Distributor

② LED Y-line

③ LED Extension

④ LED Cable Clip

Through the combination of different accessories, the entire system configuration can be more reasonable and cost-effective.

LED Distributor

Item No.	Connector	Length	Color	Packing
MF01-3way	3-way			
MF01-4way	4-way	1800mm	Black/White	10pcs/bag
MF01-6way	6-way			

MF01-3way   MF01-4way   MF01-6way
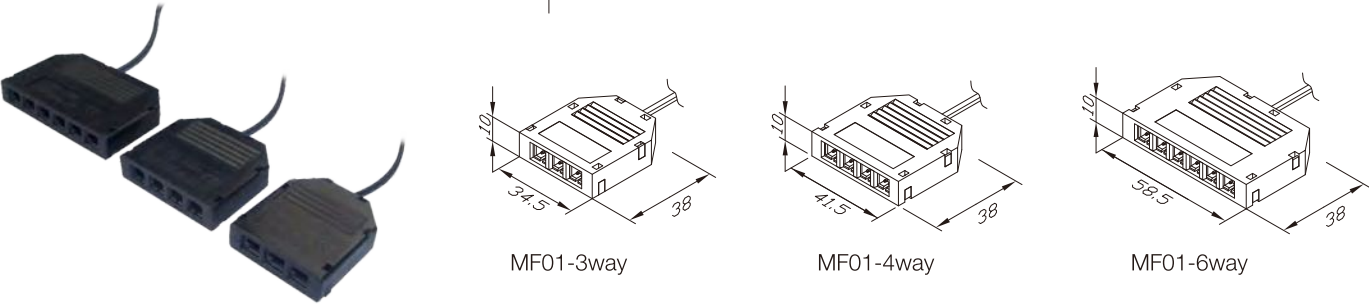
LED Y-line

Item No.	Connector	Length	Color	Packing
MF02	2-way	250mm	Black/White	10pcs/bag

100mm
250mm

LED Extension

Item No.	Length	Color	Packing
MY 01	1800mm	Black/White	10pcs/bag
MY 02			

1800mm
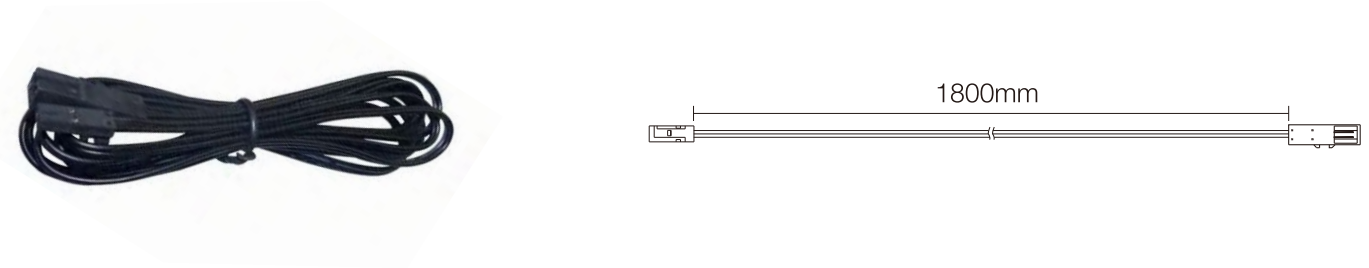
LED Cable Clip

Item No.	Color	Packing	
MX 01	Black/White	10pcs/bag	
MX 02			

MX 01   MX 02

Show Box Series