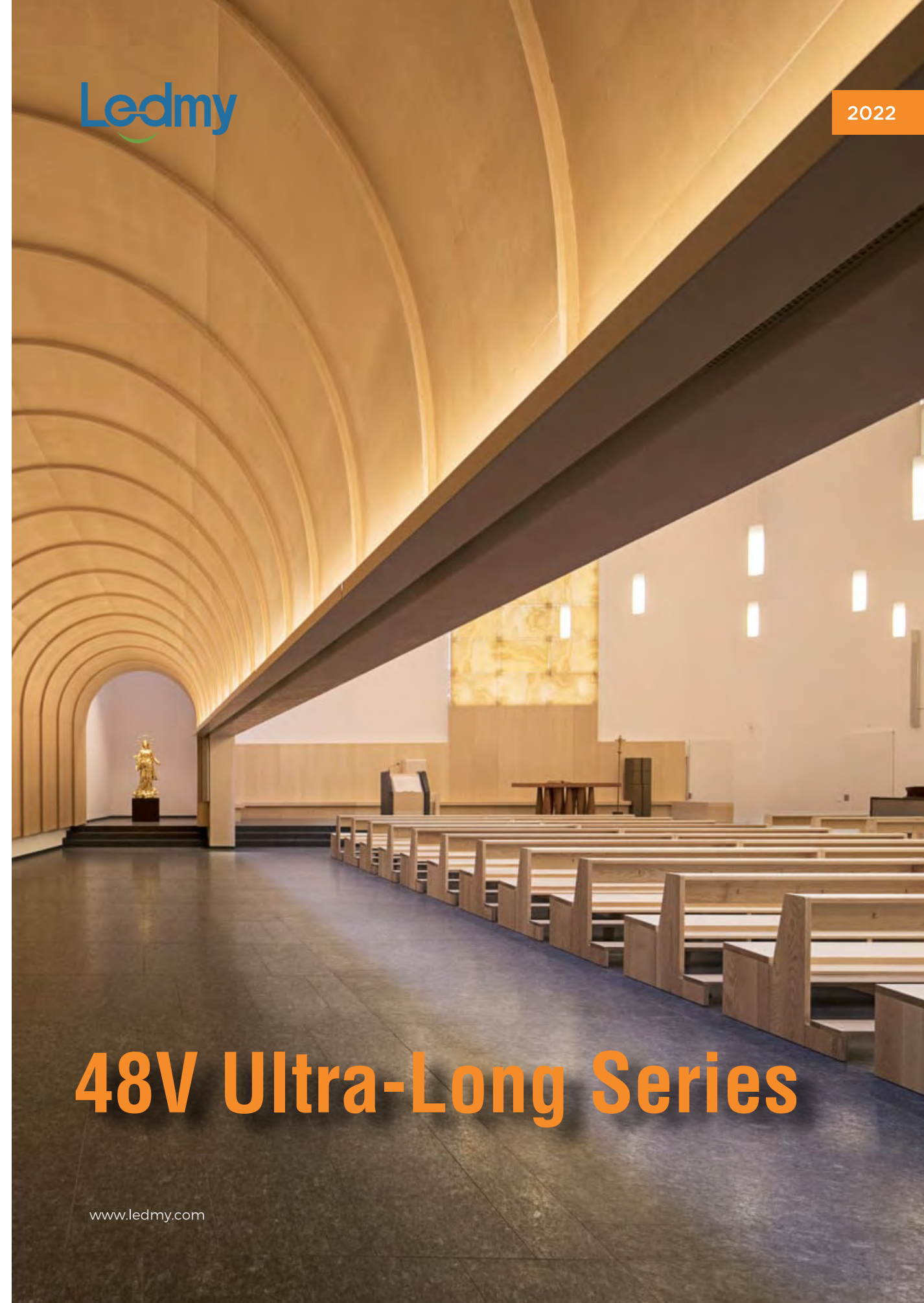




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48V Ultra-Long Series

www.ledmy.com



Single end power carries 50M.
Uniform brightness from end to end.
Easy to install & save time.
Up to 106LM/W.

Ultra-Long & Uniform Brightness

Run 50M with single end power-in.
Low lumen different from end to end.

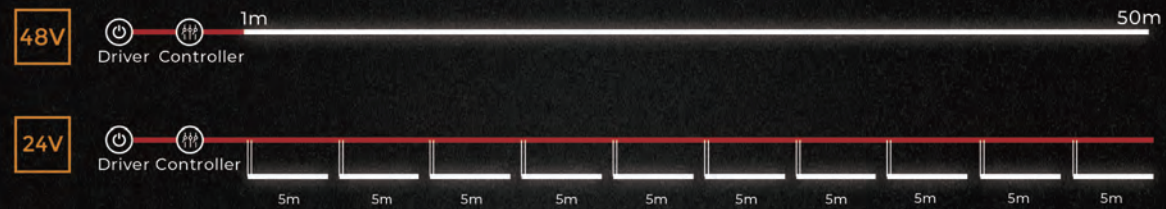


Lumen Different : 3.68%

Tested Sample: 50M 4.8W 10MM PCB

Simple Installation & Cost Saving

48V Ultra-Long Series **VS** 24V Regular Series



- ① Easy wiring, one step installation.
- ② Less quality risk from complex connection and lots of drivers.



Flexible Packing

40m/reel, 50m/reel, etc

Choose what you need!

Regular
Mini Cut
High Efficiency
Tunable White
Mini Size
RGB
RGBW





48V Ultra-Long Series / Regular



Dimension



40M / 72LEDs / PCB 8MM

IP20/4.8W

Product NO. FH05W-P0-G1 28LZ9X 48VT72S12 W08L40

Power	4.8W/M 1.46W/ft	Lumens Per Meter		ErP Class
Voltage	DC48V	2700K	440lm	G
CRI	90	3000K	480lm	F
Led Qty	72LEDs/M	4000K	510lm	F
Cutting Length	166.67mm 6.56inch	5000K	510lm	F
Length/Reel	40m 1575inch	6500K	510lm	F
Waterproof grade	IP20			

IP65/4.8W

Product NO. FH05W-P5-G2 28LZ9X 48VT72S12 W08L40

Power	4.8W/M 1.46W/ft	Lumens Per Meter		ErP Class
Voltage	DC48V	2700K	415lm	G
CRI	90	3000K	435lm	F
Led Qty	72LEDs/M	4000K	485lm	F
Cutting Length	166.67mm 6.56inch	5000K	485lm	F
Length/Reel	40m 1575inch	6500K	485lm	F
Waterproof grade	IP65			

50M / 72LEDs / PCB 10MM

IP20/4.8W

Product NO. FH05W-P0-G1 28LZ9X 48VT72S12 W10L50

Power	4.8W/M 1.46W/ft	Lumens Per Meter		ErP Class
Voltage	DC48V	2700K	440lm	G
CRI	90	3000K	455lm	F
Led Qty	72LEDs/M	4000K	490lm	F
Length/Reel	166.67mm 6.56inch	5000K	490lm	F
Cutting Length	50m 1968inch	6500K	490lm	F
Waterproof grade	IP20			

IP65/4.8W

Product NO. FH05W-P5-G2 28LZ9X 48VT72S12 W10L50

Power	4.8W/M 1.46W/ft	Lumens Per Meter		ErP Class
Voltage	DC48V	2700K	425lm	G
CRI	90	3000K	455lm	F
Led Qty	72LEDs/M	4000K	490lm	F
Cutting Length	166.67mm 6.56inch	5000K	490lm	F
Length/Reel	50m 1968inch	6500K	490lm	F
Waterproof grade	IP65			

Note:~x~ (CCT) =~27~(2700K) / ~30~(3000K) / ~40~(4000K) / ~50~(5000K) / ~60~(6000K), Please contact us for more information.

* Please contact our sales for the latest details and certifications



48V Ultra-Long Series / Regular



40M / 120LEDs / PCB 8MM

IP20/8W

Product NO. FH08W-PO-G1 28LZ9X 48VT120S12 W08L40

Power	8W/M 2.43W/ft	Lumens Per Meter		ErP Class
Voltage	DC48V	● 2700K	720lm	G
CRI	90	● 3000K	775lm	F
Led Qty	120LEDs/M	● 4000K	850lm	F
Cutting Length	100mm 3.93inch	● 5000K	850lm	F
Length/Reel	40m 1575inch	● 6500K	850lm	F
Waterproof grade	IP20			

IP65/8W

Product NO. FFH08W-P5-G2 28LZ9X 48VT120S12 W08L40

Power	8W/M 2.43W/ft	Lumens Per Meter		ErP Class
Voltage	DC48V	● 2700K	700lm	G
CRI	90	● 3000K	735lm	F
Led Qty	120LEDs/M	● 4000K	825lm	F
Cutting Length	100mm 3.93inch	● 5000K	825lm	F
Length/Reel	40m 1575inch	● 6500K	825lm	F
Waterproof grade	IP65			

50M / 120LEDs / PCB 10MM

IP20/8W

Product NO. FH08W-PO-G1 28LZ9X 48VT120S12 W10L50

Power	8W/M 2.43W/ft	Lumens Per Meter		ErP Class
Voltage	DC48V	● 2700K	720lm	G
CRI	90	● 3000K	770lm	F
Led Qty	120LEDs/M	● 4000K	850lm	F
Cutting Length	100mm 3.93inch	● 5000K	850lm	F
Length/Reel	50m 1968inch	● 6500K	850lm	F
Waterproof grade	IP20			

IP65/8W

Product NO. FH08W-P5-G2 28LZ9X 48VT120S12 W10L50

Power	8W/M 2.43W/ft	Lumens Per Meter		ErP Class
Voltage	DC48V	● 2700K	705lm	G
CRI	90	● 3000K	765lm	F
Led Qty	120LEDs/M	● 4000K	840lm	F
Cutting Length	100mm 3.93inch	● 5000K	840lm	F
Length/Reel	50m 1968inch	● 6500K	840lm	F
Waterproof grade	IP65			

Note:'x' (CCT) ="27"(2700K) / "30"(3000K) / "40"(4000K) / "50"(5000K) / "60"(6000K), Please contact us for more information.

* Please contact our sales for the latest details and certifications



48V Ultra-Long Series / Mini Cut



Dimension

IP20

Top view

Side view

IP65

Top view

Side view

40M / 64LEDs / PCB 10MM

IP20 / 4.8W

Product NO.
FH05W-P0-G1 28BL9X 48VT64S4 W10L40

Technical Details		Lumens Per Meter		ErP Class
Power	4.8W/M 1.46W/ft	2700K	455lm	F
Voltage	DC48V	3000K	470lm	F
CRI	90	4000K	485lm	F
Led Qty	64LEDs/M	5000K	485lm	F
Cutting Length	62.5mm 2.46inch	6000K	485lm	F
Length/Reel	40m 1575inch			
Waterproof grade	IP20			

IP65 / 4.8W

Product NO.
FH05W-P5-G2 28BL9X 48VT64S4 W10L20

Technical Details		Lumens Per Meter		ErP Class
Power	4.8W/M 1.46W/ft	2700K	435lm	G
Voltage	DC48V	3000K	445lm	F
CRI	90	4000K	455lm	F
Led Qty	64LEDs/M	5000K	455lm	F
Cutting Length	62.5mm 2.46inch	6000K	455lm	F
Length/Reel	40m 1575inch			
Waterproof grade	IP65			





48V Ultra-Long Series / High Efficiency



20M / 140LEDs / PCB 10MM

IP20/14.4W

Product NO. FH14W-P0-G1 28BL9X 48VT140S7 W10L20

Power	14.4W/M 4.39W/ft	Lumens Per Meter		ErP Class
Voltage	DC48V	2700K	1730lm	E
CRI	90	3000K	1870lm	E
Led Qty	140LEDs/M	4000K	1885lm	E
Cutting Length	50mm 1.97inch	5000K	1885lm	E
Length/Reel	20m 787.4inch	6500K	1885lm	E
Waterproof grade	IP20			

IP65/14.4W

Product NO. FH14W-P5-G2 28BL9X 48VT140S7 W10L20

Power	14.4W/M 4.39W/ft	Lumens Per Meter		ErP Class
Voltage	DC48V	2700K	1670lm	F
CRI	90	3000K	1800lm	E
Led Qty	140LEDs/M	4000K	1825lm	E
Cutting Length	50mm 1.97inch	5000K	1825lm	E
Length/Reel	20m 787.4inch	6500K	1825lm	E
Waterproof grade	IP65			

10M / 140LEDs / PCB 10MM

IP20/19.2W

Product NO. FH19W-P0-G1 28BL9X 48VT140S7 W10L10

Power	19.2W/M 5.94W/ft	Lumens Per Meter		ErP Class
Voltage	DC48V	2700K	2340lm	E
CRI	90	3000K	2515lm	E
Led Qty	140LEDs/M	4000K	2550lm	E
Cutting Length	50mm 1.97inch	5000K	2550lm	E
Length/Reel	10m 393.7inch	6500K	2550lm	E
Waterproof grade	IP20			

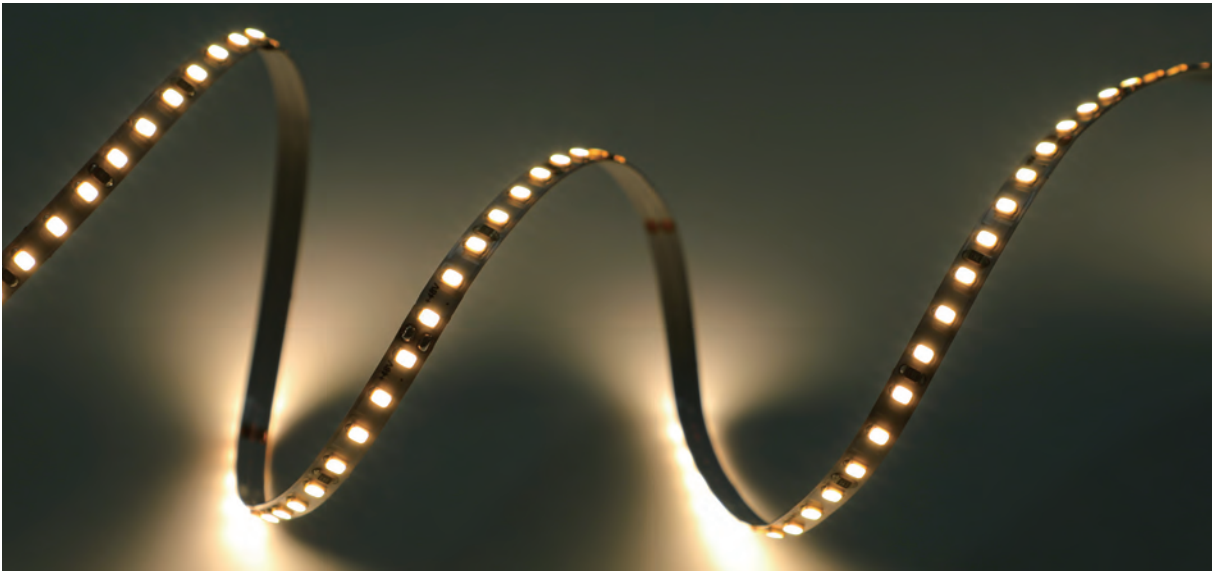
IP65/19.2W

Product NO. FH19W-P5-G2 28BL9X 48VT140S7 W10L10

Power	19.2W/M 5.94W/ft	Lumens Per Meter		ErP Class
Voltage	DC48V	2700K	2225lm	F
CRI	90	3000K	2400lm	E
Led Qty	140LEDs/M	4000K	2420lm	E
Cutting Length	50mm 1.97inch	5000K	2420lm	E
Length/Reel	10m 393.7inch	6500K	2420lm	E
Waterproof grade	IP65			

Note: "x" (CCT) = "27"(2700K) / "30"(3000K) / "40"(4000K) / "50"(5000K) / "60"(6000K), Please contact us for more information.

* Please contact our sales for the latest details and certifications



48V Ultra-Long Series / Mini Size



10M / 208LEDs / PCB4MM

IP20 / 8W

Product NO.
FH08W-P0-G1 22LZ9X 48V208S13 W04L10

Technical Details

Power	8W/M 2.43W/ft
Voltage	DC48V
CRI	90
Led Qty	208LEDs/M
Cutting Length	62.5mm 2.46inch
PCB	4mm
Length/Reel	10m 393.7inch
Waterproof grade	IP20

Lumens Per Meter		ErP Class
● 2700K	720lm	G
● 3000K	816lm	F
● 4000K	880lm	F
● 5000K	880lm	F
● 6000K	880lm	F

Dimension





48V Ultra-Long Series / Tunable White



20M / 140LEDs / PCB10MM

IP20 / 14W

Product NO.
FH14W-PO-G1 28BL92728BL960 48VC140S14 W10L20

Technical Details

Power	14W/M 4.26W/ft
Voltage	DC48V
CRI	90
Led Qty	140LEDs/M
Cutting Length	100mm 1.97inch
PCB	10mm
Length/Reel	20m 787.4inch
Waterproof grade	IP20 / IP65

Lumens Per Meter

● 2700K	860lm
● 6000K	960lm

Dimension



48V Ultra-Long Series / RGB



20M / 66LEDs / PCB10MM

IP20 / 13W

Product NO.
FH13W-PO-G1 50ZRGB 48VC66S11 W10L20

Technical Details

Power	13W/M 3.96W/ft
Voltage	DC48V
CRI	- (S050)
Led Qty	66LEDs/M
Cutting Length	166.67mm 6.56inch
PCB	10mm
Length/Reel	20m 787.4inch
Waterproof grade	IP20 / IP65



Lumens Per Meter

● R	150lm
● G	380lm
● B	75lm

Dimension





48V Ultra-Long Series / RGBW



20M / 88LEDs / PCB12MM

IP20 / 15W

Product NO.
FH15W-PO-G1 50ZRGB930 48VC88S11 W12L20

Technical Details

Power	15W/M 4.57W/ft
Voltage	DC48V
CRI	- (5050)
Led Qty	88LEDs/M
Cutting Length	125mm 4.92inch
PCB	12mm
Length/Reel	20m 787.4inch
Waterproof grade	IP20 / IP65



Lumens Per Meter

● R	150lm
● G	380lm
● B	75lm
● 3000K	305lm

Dimension

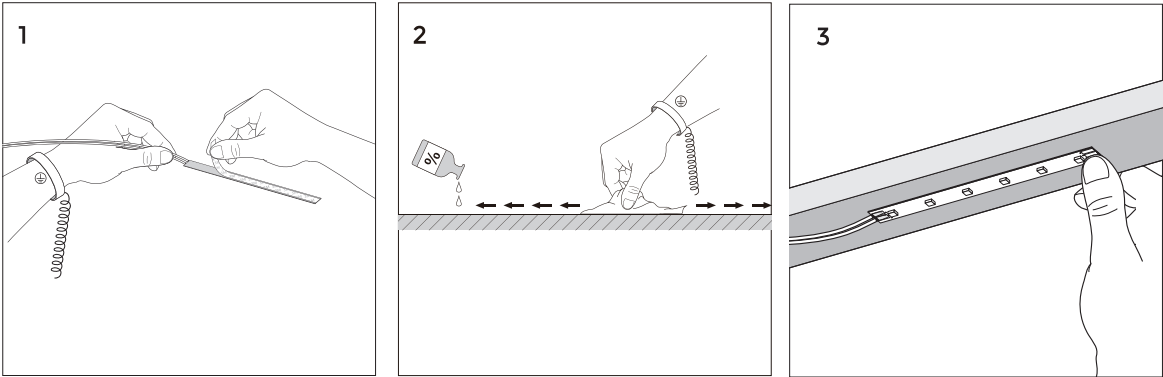


Installation

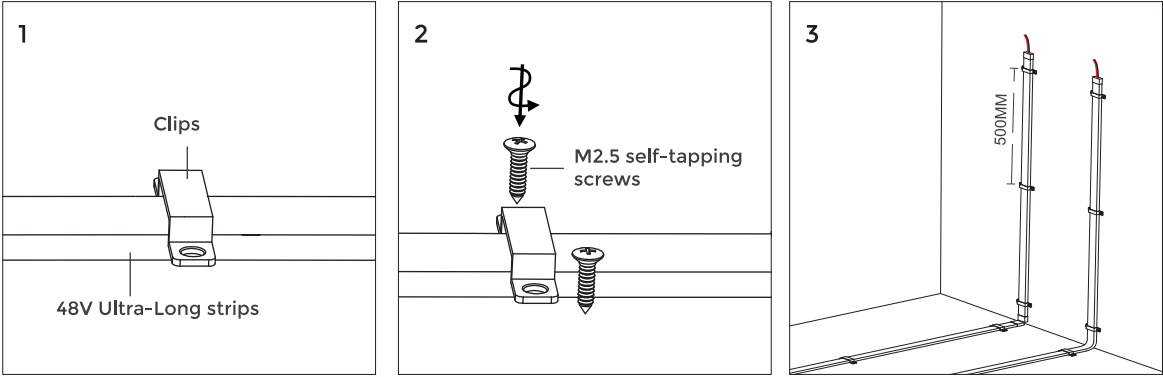
Note: please make sure the installation environment with well-ventilated and good heat dissipation conditions.

Warning: Do not install it in a closed space and forbidden to cover it.

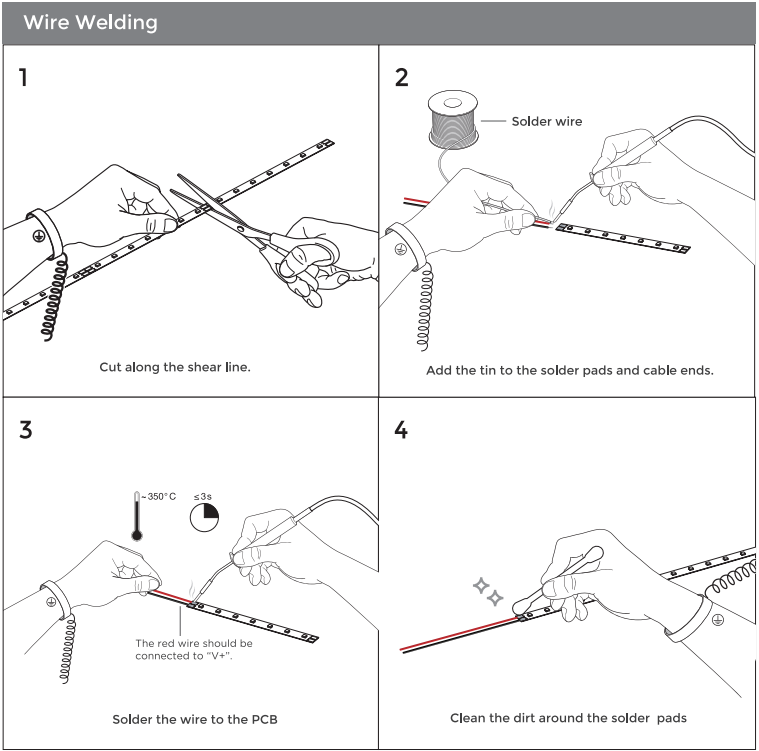
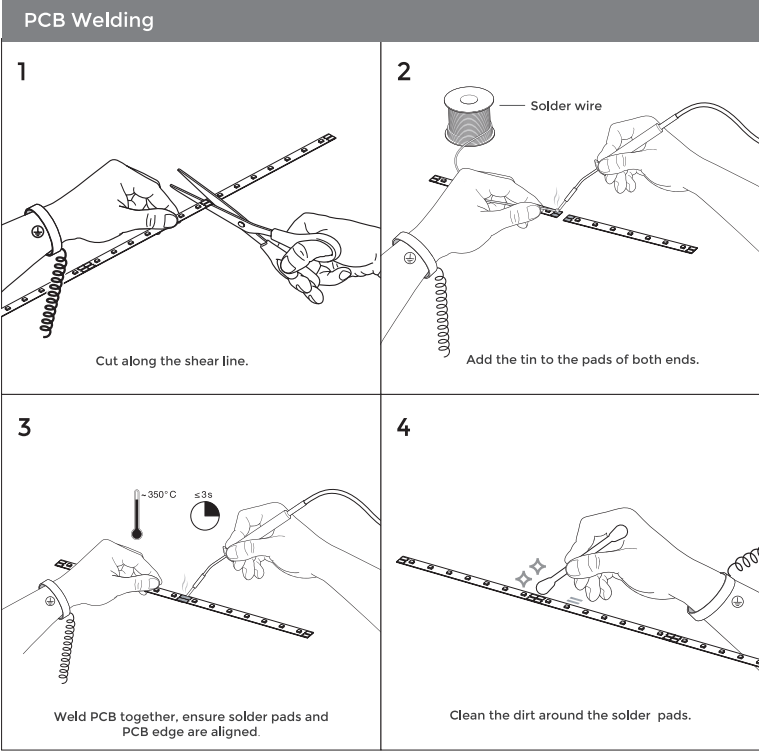
IP20



IP65



Cutting / Connection



Controller



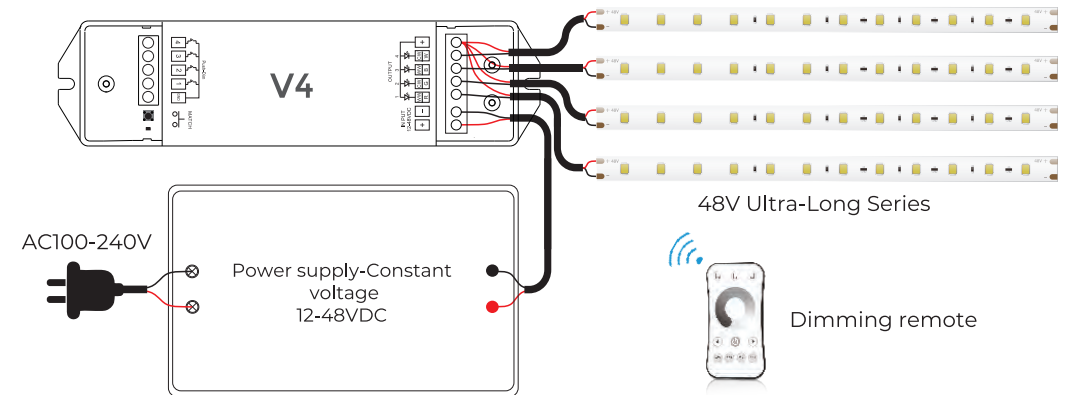
V4

- 1. Match with RF 2.4G single zone or multiple zone single color, dual color and RGB/RGBW remote control.
- 2. One RF controller accept up to 10 remote control.
- 3. 4096 levels, 0-100% dimming smoothly without any flash
- 4. Automatic transmitting: Controller automatically transmit signal to another controller, Multiply the remote control distance.
- 5. One remote can synchronize on multiple number of controllers.
- 6. Connect external self-reset switch to achieve on/off and 0-100% dimming function.
- 7. Overheat/overload short circuit protection, recover automatically.

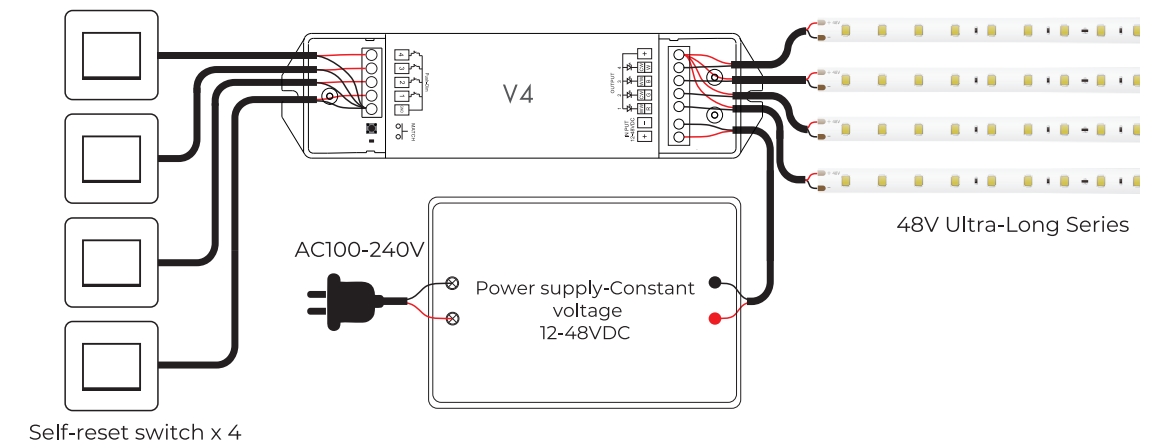


Input voltage	12-48VDC
Input current	20.5A
Output voltage	4x(12-48)VDC
Output current	4CH,5A/CH
Output power	4x(60-240)W
Operation temperature	-30℃~+55℃

White Light



With four self-reset switches for 4 channel dimming seperately



Note: After setting the light status for two seconds, the current light status will be automatically saved. The light status will not change even if the power is switched on again.

Power Supplie



LRS-200-48



LRS-350-48



LRS-450-48



HLG-320H-48

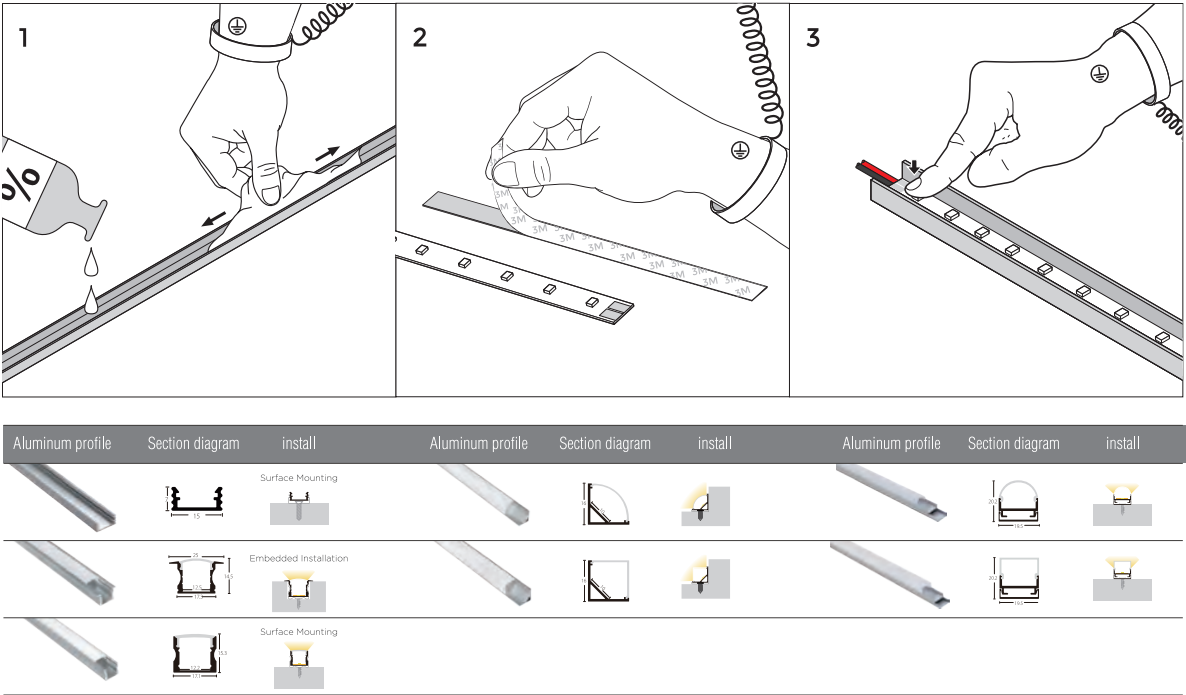


HLG-480H-48



Item Number	Description	Input Voltage	Output Voltage	IP	Dimensions
LRS-200-48	Non-waterproof driver 200W	90 ~ 132VAC / 180 ~ 264VAC	48V 4.4A	IP20	215*115*30mm (L*W*H)
LRS-350-48	Non-waterproof driver 350W	90 ~ 132VAC / 180 ~ 264VAC	48V 7.3A	IP20	215*115*30mm (L*W*H)
LRS-450-48	Non-waterproof driver 450W	90 ~ 132VAC / 180 ~ 264VAC	48V 9.4A	IP20	225*124*35mm (L*W*H)
HLG-320H-48	waterproof driver 320W	90 ~ 305VAC / 127 ~ 431VDC	48V 6.7A	IP65	252*90*43.8mm (L*W*H)
HLG-480H-48	waterproof driver 480W	90 ~ 305VAC / 127 ~ 431VDC	48V 10A	IP65	262*125*43.8mm (L*W*H)

Aluminum profile list



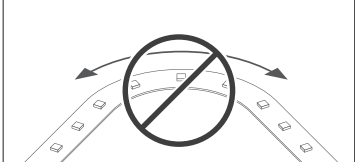
Cautions

1



Avoid to fold, break, twist the led strips.

2



Not allowed to bend the led strips in the horizontal plane.

3



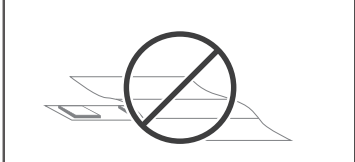
Avoid excessive pressure on top of the LED.

4



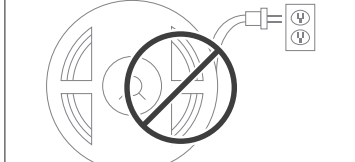
Forbidden 2 driver using for one load.

5



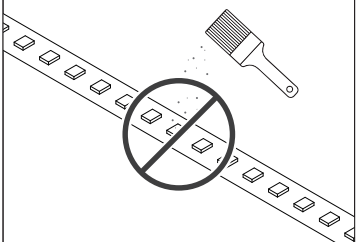
Not allowed to cover the led strips when using.

6



Be careful! Do not Connect to connect the power cord to high voltage or unmatched voltage.

7



Avoid cover by decoration material.

8



Keep away from heat.