OPPLE

LIGHTING

OPPLE LED Strips

Discover Endless Lighting Solutions

OPPLE.COM

OPPLE
LIGHTING.

EXPLORE
OPPLE LED STRIPS

The Perfect Lighting Solution for Every Application

At OPPLE, we believe that lighting is more than just illumination—it's an integral part of your environment that enhances both functionality and aesthetics. Our extensive range of LED Strips is designed to offer versatile, high-performance lighting solutions that cater to every requirement, from residential to commercial applications.

Our LED Strips are available in a variety of types and configurations, each crafted to deliver exceptional brightness, energy efficiency, and style. Whether you need an **IP20** strip for indoor use, a robust **IP67** version for outdoor or challenging environments, or advanced options like **Tunable White** and **Chip On Board** (COB) for precise lighting control, our portfolio has you covered.

Tunable White Technology

TW

Tunable White LED Strips give you the possibility to adjust the colour temperature of white light, in a range going from warm (2700K) to cool (6500K). This flexibility is ideal for creating the perfect ambiance in various spaces, whether you want to relax with warm tones in the evening or boost productivity with cooler light during the day. This technology contributes to enhanced well-being, as different colour temperatures can positively influence mood and productivity in both home and work environments.

COB LED Strips

COB

Unlike traditional LED Strips that feature individual LEDs spaced apart, COB (Chip-on-Board) technology integrates multiple LED chips closely together on a single board. COB LED Strips produce a continuous line of light with minimal hotspots or shadows, making them ideal for applications where consistent illumination is essential.They can also be cut to length, making them easy to adapt to specific spaces.

Why Choose OPPLE LED Strips?

Versatile Power and Performance
Choose from a range of power options and LED densities to suit your specific needs, from subtle ambient lighting to powerful, high-output solutions.

Advanced Control Options
With multiple driver options including on/off, DALI, 1-10V, and PWM, you have the flexibility to control your lighting exactly how you want.

Customization and Flexibility
Our wide selection of profiles and color options allows you to create a lighting setup that perfectly matches your design vision.

Complete Solutions
From comprehensive connector sets to easy installation features, our LED strips are designed to ensure a seamless and hassle-free experience.

Explore the possibilities with OPPLE LED strips and discover how our innovative lighting solutions can transform your spaces, enhance your projects, and bring your lighting vision to life.

Versatile lighting solutions designed for effortless installation!

Content

LED Strips without Limits

Discover Endless Lighting Solutions for every Application

Achieve striking lighting effects in dry, indoor settings with **IP20 LED Strips**. These LED Strips are ideal for areas such as living rooms, offices, or retail spaces. With the IP20 rating, you can achieve a high-quality lighting experience in settings where water resistance isn't a concern. Designed for versatility, these strips offer an elegant, bright solution tailored to enhance any interior ambiance with ease and style.

The **LED Strips IP67** are the perfect solution for outdoors as well as indoors with high moisture level. These strips can handle heavy rain and splashes, ensuring durability and longevity of your lighting installation. For a reliable installation, each Waterproof LED Strip comes with high-quality waterproof tape and a silicone sealing kit, allowing you to perfectly seal your installation against moisture. This added protection ensures your light installation to remain bright and reliable in any application. ▶

Offices

Upgrade your office environment with our IP20 LED Strips, designed to deliver superior lighting quality. COB technology ensures a seamless, uniform light output, minimizing hotspots and creating a comfortable workspace that enhances productivity. These versatile LED Strips can be installed along desks, shelves, or in conference rooms, providing excellent task lighting while maintaining an inviting atmosphere.
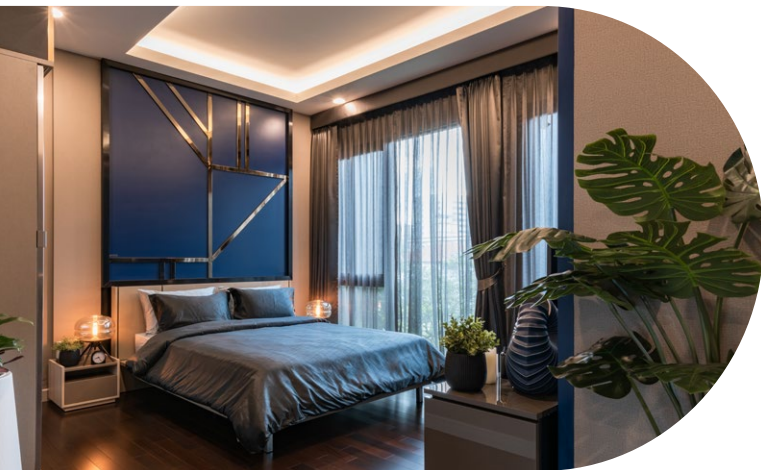
Residential

Elevate the look of your residential spaces effortlessly with LED Strips. These versatile lighting solutions can be installed in various areas, including around or alongside architectural features, allowing you to create a modern look to any room.

Hospitality

LED Strips are a game-changer in the hospitality industry, offering not only aesthetic appeal but also practical benefits for cleaning. Perfect for hallways, lobbies, waiting rooms, restaurants and more, LED Strips provide bright, uniform lighting that enhances visibility.
Moreover, LED Strips are easy to maintain, minimizing dust and grime buildup. This simplifies cleaning processes, ensuring that hospitality spaces remain inviting and hygienic.

Stairs

Proper lighting on outdoor stairs is crucial for safety.
Well-lit stairs help prevent slips and falls, especially in low-light conditions, while also enhancing the beauty of your outdoor space. Our high-quality IP67 LED Strips, featuring 120 LEDs per meter, provide bright, consistent illumination. The 3M© Waterproof tape guarantees a secure and reliable installation.

Gardens

LED Strips will elevate any garden's ambiance, perfect for creating stunning outdoor lighting. Our Strips are compatible with multiple driver options including on/off, DALI, 1-10V, and PWM, allowing you to easily adjust brightness to suit any occasion—from vibrant gatherings to cosy evenings under the stars.

Bathrooms

Transform any bathroom with our IP67 LED Strips, featuring Tunable White technology. This advanced feature allows you to adjust the colour temperature (2700K-6500K) enabling you to create any mood—whether it's a warm, relaxing ambiance for a soothing bath or a bright, crisp light for your morning routine.
With their sleek design and versatility, these LED strips can be installed under cabinets, alongside mirrors, or in alcoves, providing both functional and decorative lighting.
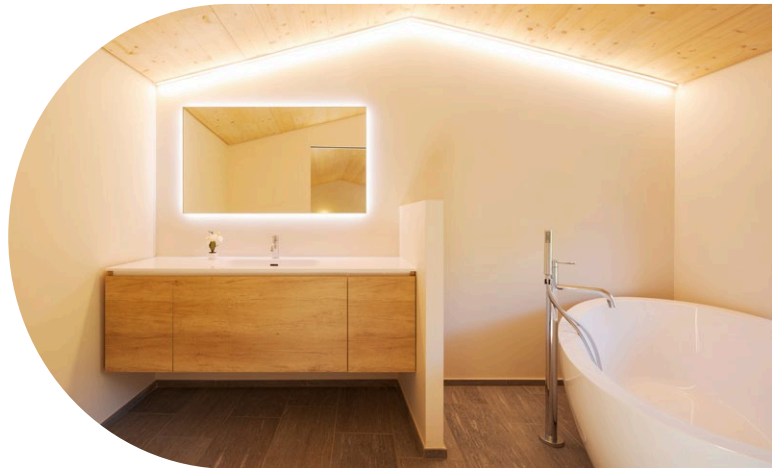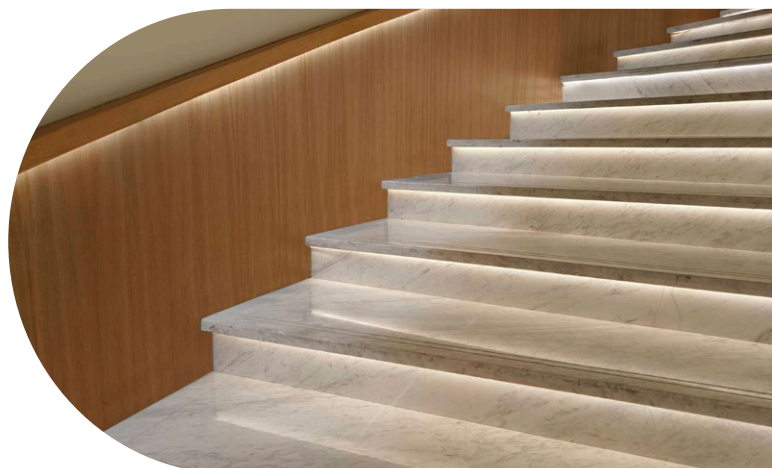
...and much more!

OPPLE LED Strips are versatile lighting solutions designed for effortless installation, allowing you to transform any space in no time. Say goodbye to complicated setups and hello to a world of creative lighting possibilities.

Simply peel, stick, and light on!

Your Creativity is the Limit!

How to configurate our OPPLE Led Strip system

Profile End Cap

LED Strip

Aluminium Profile

24V Driver

The user-friendly LED Strip Configurator simplifies planning any lighting project with ease. In just four steps, you can use this online tool to specify your lighting needs, choose the mounting type, select accessories, and set the operation mode.

Introducing the LED Strip Configurator

Simplify your lighting projects with our new LED Strip Configurator! This easy-to-use tool helps you calculate exactly what you need—strips, profiles, and drivers—all tailored to your project. Save time, eliminate guesswork, and achieve perfect results every time.

Start planning smarter today with the LED Strip Configurator!

Tips for Professional Installation

Unlock the potential of tailored lighting solutions with OPPLE LED Strips!
Our expertly curated insights on design, operation, and installation will empower you to deliver flawless results with ease. Save time, stay on budget, and impress clients with a professional finish every time.

Briefly Information

- Effortless Installation: OPPLE LED Strips achieve tool-free setup, and quick installation.
- Flexible Application Range: Suitable for both commercial and residential spaces, from accent lighting to ambient and task lighting, thanks to their flexibility and design versatility.
- Professional Finish: With high-quality color rendering and uniform illumination, OPPLE LED Strips create a professional, polished look in any setting, impressing clients and enhancing space aesthetics.
- Compatible with Smart Systems: OPPLE LED strips can be integrated with smart systems or dimmers, allowing for remote or automated control, enhancing convenience and user experience.

LED

cutting position ✂

current control

3M adhesive tape
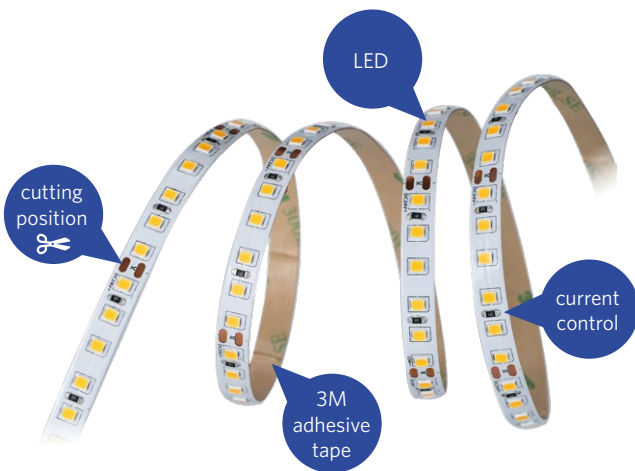
General Instruction for Use

- The LED Strip cannot be sharply bent once in places where no electronic components are mounted.
  The minimum bending radius is 20 mm.

≥20mm
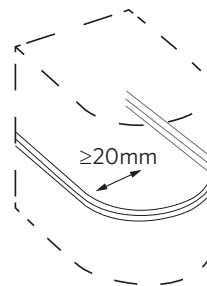
- Ensure that no mechanical loads are applied to the electronic components on the LED strip.
- Ensure that the LED strip is adequately protected in areas containing dust or water.
- Never fold LED Strip in the transverse direction.
  This damages the solder paths and solder contacts.

- Max length of LED Strip connect to a power supply cannot exceed 5 meters.
- The total output of Opple LED Strip must not exceed the maximum output of the driver. Recommend having additional 20% of safe margin from power supply.

LED Strip - IP20

- Complete LED Strip portfolio
- LED Strip power range from 4.8 W/m to 19.2 W/m, with minimum 120 Leds per meter
- Multiple driver options available including on/off, DALI, 1-10V, PWM
- Wide profile portfolio with different color options
- Complete set of strip connectors for IP20 strip

Item Code	Item Description	Lumen (lm/m)	LEDs per meter	Power (W/m)	Minimum cutting length	CCT (K)	Net Weight (kg/pc)
IP20							
806001007000	LEDStrip-E 4.8W-927-600-IP20	600	120	4.8	50	2700	0.1
806001007100	LEDStrip-E 4.8W-930-600-IP20	600	120	4.8	50	3000	0.1
806001007200	LEDStrip-E 4.8W-940-600-IP20	600	120	4.8	50	4000	0.1
806001007600	LEDStrip-E 9.6W-927-1200-IP20	1200	140	9.6	50	2700	0.1
806001007700	LEDStrip-E 9.6W-930-1200-IP20	1200	140	9.6	50	3000	0.1
806001007800	LEDStrip-E 9.6W-940-1200-IP20	1200	140	9.6	50	4000	0.1
806001008200	LEDStrip-E 14.4W-927-1800-IP20	1730	168	14.4	42	2700	0.1
806001008300	LEDStrip-E 14.4W-930-1800-IP20	1730	168	14.4	42	3000	0.1
806001008400	LEDStrip-E 14.4W-940-1800-IP20	1730	168	14.4	42	4000	0.1
806001009000	LEDStrip-E 19.2W-927-2300-IP20	2300	168	19.2	42	2700	0.1
806001009100	LEDStrip-E 19.2W-930-2300-IP20	2300	168	19.2	42	3000	0.1
806001009200	LEDStrip-E 19.2W-940-2300-IP20	2300	168	19.2	42	4000	0.1

Accessories

Connectors

| 806098003000 LEDStrip Connector-SS-IP20 | 806098004200 LEDStrip L-Connector-SS-IP20 | 806098003400 LEDStrip Wire-Connector-SW-IP20 Cable length 14cm | 806098003800 LEDStrip Wire-Connector-SS-IP20 Cable length 14cm |

Profiles

806098001800 LEDStrip Profile-SF-10x10-AL	806098001900 LEDStrip Profile-SF-10x10-BL	806098002000 LEDStrip Profile-SF-15x15-AL	806098002100 LEDStrip Profile-SF-15x15-BL	806098002200 LEDStrip Profile-SF-17x7-AL	806098002300 LEDStrip Profile-SF-17x7-BL

806098002400 LEDStrip Profile-RC-10x10-AL	806098002500 LEDStrip Profile-RC-15x15-AL	806098002600 LEDStrip Profile-Corner-18x18-AL

Drivers

820009007900 LEDDriver 24V-36W	820009008000 LEDDriver 24V-60W	820009008100 LEDDriver 24V-120W	820009008200 LEDDriver 24V-160W	820009008300 LEDDriver 24V-240W	820002006100 LEDDriver 24V-40W-DALI/10V/PWM

820002006200 LEDDriver 24V-75W-DALI/10V/PWM	820002006300 LEDDriver 24V-150W-DALI/10V/PWM	820002006400 LEDDriver 24V-240W-DALI/10V/PWM

The maximum length of LED Strip to the driver is 5 meters.

Dimensional drawings

LEDStrip-E 4.8W-IP20

300±5mm   5000±50mm   300±5mm
50±1mm
8.33mm
1.5±0.5mm
8±0.5mm

LEDStrip-E 9.6W-IP20

300±5mm   5000±50mm   300±5mm
50±1mm
7.14mm
1.5±0.5mm
8±0.5mm

LEDStrip-E 14.4W-IP20 /LEDStrip-E 19.2W-IP20

300±5mm   5000±50mm   300±5mm
41.67±1mm
5.95mm
1.5±0.5mm
8±0.5mm
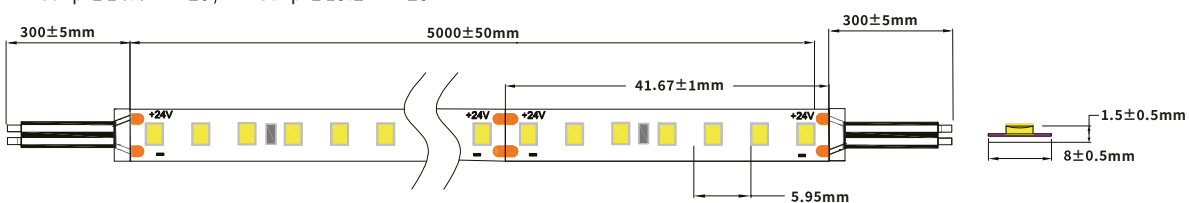
LED Strip - IP20 - Tunable White

- Complete LED Strip portfolio
- Multiple driver options available
- Wide profile portfolio with different color options
- Complete set of strip connectors for IP20 strip

FLICKER-FREE CRI90 TW 24V

Item Code	Item Description	Lumen (lm/m)	LEDs per meter	Power (W/m)	Minimum cutting length	CCT (K)	Net Weight (kg/pc)
Smart/IP20							
806001008500	LEDStrip-P 12W-1000-TW-IP20	1440	140	12	100	2700 - 6500	0.1

Accessories

Connectors

806098003100 LEDStrip Connector-SS-TW-IP20	806098003500 LEDStrip Wire-Connector-SW-TW-IP20 Cable length 14cm	806098003900 LEDStrip Wire-Connector-SS-TW-IP20 Cable length 14cm	806098004300 LEDStrip L-Connector-SS-TW-IP20

Profiles

806098002000 LEDStrip Profile-SF-15x15-AL	806098002100 LEDStrip Profile-SF-15x15-BL	806098002200 LEDStrip Profile-SF-17x7-AL	806098002300 LEDStrip Profile-SF-17x7-BL	806098002500 LEDStrip Profile-RC-15x15-AL	806098002600 LEDStrip Profile-Corner-18x18-AL

Drivers

826001000300 LEDDriver 24V-80W-BLE2-TW	820004013700 LEDDriver 24V-200W-BLE2-TW

The maximum length of LED Strip to the driver is 5 meters.

Dimensional drawing

LEDStrip-P 12W-BLE2-TW-IP20

300±5mm

5000±50mm

300±5mm

100±1mm

+24V

+24V +24V

+24V

3.5mm

14.29mm

1.5±0.5mm

8±0.5mm

LED Strip - IP20 - Chip On Board (COB)

- Complete LED Strip portfolio
- Multiple driver options available including on/off, DALI, 1-10V, PWM
- Wide profile portfolio with different color options
- Complete set of strip connectors for IP20 strip

Item Code	Item Description	Lumen (lm/m)	LEDs per meter	Power (W/m)	Minimum cutting length	CCT (K)	Net Weight (kg/pc)
Chip On Board (COB)/IP20							
806002000100	LEDStrip-P 12W-927-1000-COB-IP20	1320	280	12	42	2700	0.1
806002000200	LEDStrip-P 12W-930-1000-COB-IP20	1320	280	12	42	3000	0.1
806002000300	LEDStrip-P 12W-940-1000-COB-IP20	1320	280	12	42	4000	0.1

Accessories

Connectors

806001009500 LEDStrip Connector-SS-COB-IP20	806001009300 LEDStrip Wire-Connector-SW-COB-IP20 Cable length 14cm	806001009400 LEDStrip Wire-Connector-SS-COB-IP20 Cable length 14cm	806098004400 LEDStrip L-Connector-SS-COB-IP20

Profiles

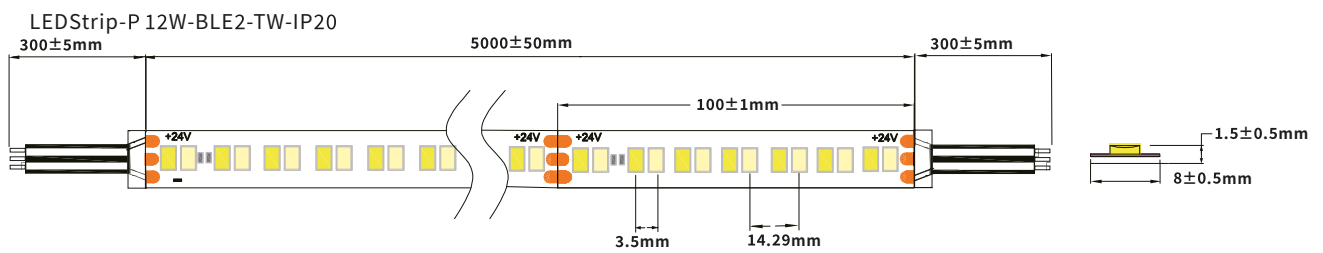| 806098002000 LEDStrip Profile-SF-15x15-AL	806098002100 LEDStrip Profile-SF-15x15-BL	806098002200 LEDStrip Profile-SF-17x7-AL	806098002300 LEDStrip Profile-SF-17x7-BL	806098002500 LEDStrip Profile-RC-15x15-AL	806098002600 LEDStrip Profile-Corner-18x18-AL

Drivers

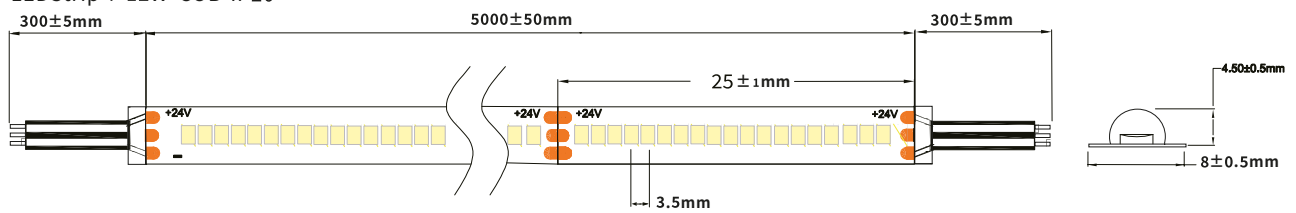|					
820009008100 LEDDriver 24V-120W	820009008200 LEDDriver 24V-160W	820009008300 LEDDriver 24V-240W	820002006200 LEDDriver 24V-75W- DALI/10V/PWM	820002006300 LEDDriver 24V-150W- DALI/10V/PWM	820002006400 LEDDriver 24V-240W- DALI/10V/PWM

The maximum length of LED Strip to the driver is 5 meters.

Dimensional drawing

LEDStrip-P 12W-COB-IP20

LED Strip - IP67

- Complete LED Strip portfolio
- LED Strip power range from 4.8 W/m to 14.4 W/m, with minimum 120 Leds per meter
- Multiple driver options available including on/off, DALI, 1-10V, PWM
- Wide profile portfolio with different color options
- Mounting accessories are available for IP67 Strip

Item Code	Item Description	Lumen (lm/m)	LEDs per meter	Power (W/m)	Minimum cutting length	CCT (K)	Net Weight (kg/pc)
IP67							
806001007300	LEDStrip-E 4.8W-927-600-IP67	600	120	4.8	50	2700	0.25
806001007400	LEDStrip-E 4.8W-930-600-IP67	600	120	4.8	50	3000	0.25
806001007500	LEDStrip-E 4.8W-940-600-IP67	600	120	4.8	50	4000	0.25
806001007900	LEDStrip-E 9.6W-927-1200-IP67	1200	140	9.6	50	2700	0.25
806001008000	LEDStrip-E 9.6W-930-1200-IP67	1200	140	9.6	50	3000	0.25
806001008100	LEDStrip-E 9.6W-940-1200-IP67	1200	140	9.6	50	4000	0.25
806001008700	LEDStrip-E 14.4W-927-1800-IP67	1730	140	14.4	42	2700	0.25
806001008800	LEDStrip-E 14.4W-930-1800-IP67	1730	140	14.4	42	3000	0.25
806001008900	LEDStrip-E 14.4W-940-1800-IP67	1730	140	14.4	42	4000	0.25

Accessories

Mounting Accessories

806098004600
LEDStrip Silicone-Kit-IP67
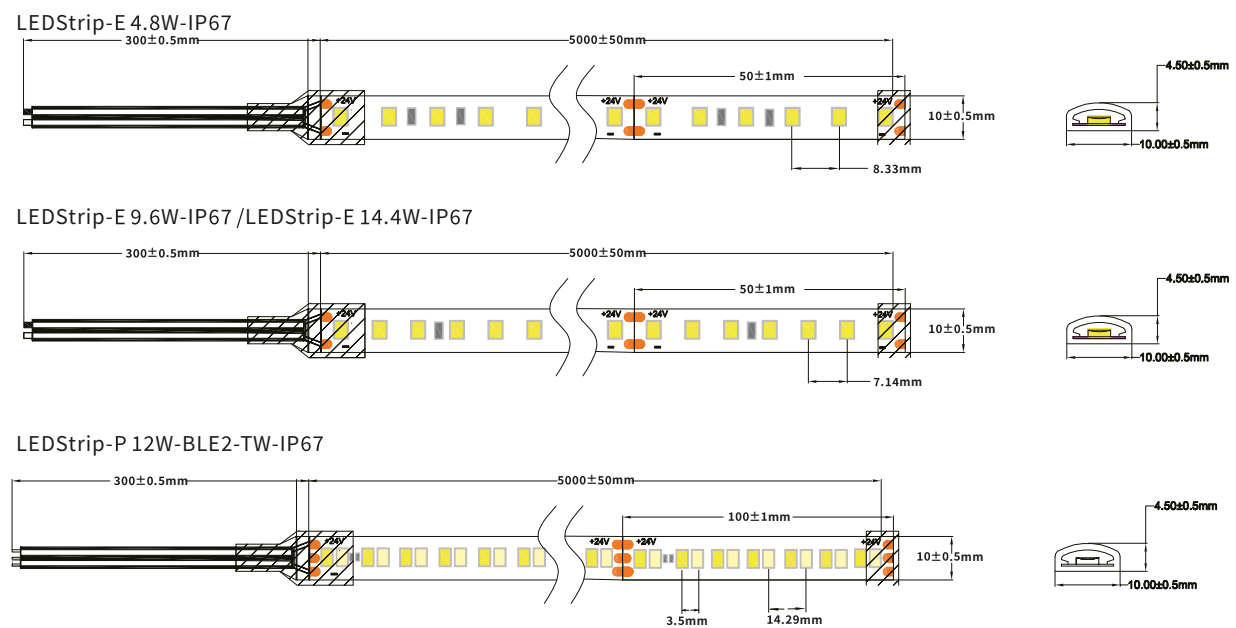
806098004700
LEDStrip Mounting-Kit-10-IP67

Profiles

806098001800 LEDStrip Profile-SF-10x10-AL	806098001900 LEDStrip Profile-SF-10x10-BL	806098002000 LEDStrip Profile-SF-15x15-AL	806098002100 LEDStrip Profile-SF-15x15-BL	806098002200 LEDStrip Profile-SF-17x7-AL	806098002300 LEDStrip Profile-SF-17x7-BL
806098002400 LEDStrip Profile-RC-10x10-AL	806098002500 LEDStrip Profile-RC-15x15-AL	806098002600 LEDStrip Profile-Corner-18x18-AL			

Drivers

820002006500 LEDDriver 24V-75W-DALI-IP67	820002006600 LEDDriver 24V-150W-DALI-IP67	820002006700 LEDDriver 24V-240W-DALI-IP67	820003003900 LEDDriver 24V-75W-10V/PWM-IP67	820003004000 LEDDriver 24V-150W-10V/PWM-IP67	820003004100 LEDDriver 24V-240W-10V/PWM-IP67

The maximum length of LED Strip to the driver is 5 meters.

Dimensional drawings

LEDStrip-E 4.8W-IP67

LEDStrip-E 9.6W-IP67 /LEDStrip-E 14.4W-IP67

LEDStrip-P 12W-BLE2-TW-IP67

LED Strip - IP67 - Tunable White

- Complete LED Strip portfolio
- Multiple driver options available
- Wide profile portfolio with different color options
- Mounting accessories are available for IP67 Strip

DALI · FLICKER-FREE · CRI90 · 1-10 V · PWM · 24V

Item Code	Item Description	Lumen (lm/m)	LEDs per meter	Power (W/m)	Minimum cutting length	CCT (K)	Net Weight (kg/pc)
Smart/IP67							
806001008600	LEDStrip-P 12W-1000-TW-IP67	1440	140	12	100	2700 - 6500	0.25

Accessories

Mounting Accessories

806098004600 LEDStrip Silicone-Kit-IP67	806098004700 LEDStrip Mounting-Kit-10-IP67

Profiles

| 806098002000 LEDStrip Profile-SF-15x15-AL	806098002100 LEDStrip Profile-SF-15x15-BL	806098002200 LEDStrip Profile-SF-17x7-AL	806098002300 LEDStrip Profile-SF-17x7-BL	806098002500 LEDStrip Profile-RC-15x15-AL	806098002600 LEDStrip Profile-Corner-18x18-AL

Drivers

826001000300 LEDDriver 24V-80W-BLE2- TW	820004013700 LEDDriver 24V-200W- BLE2-TW

The maximum length of LED Strip to the driver is 5 meters.
PS: IP20 drivers, only use if driver is mounting indoor with dry environment, or strong watertight protection for IP67 TW Strip.

Dimensional drawing

LEDStrip-P 12W-BLE2-TW-IP67
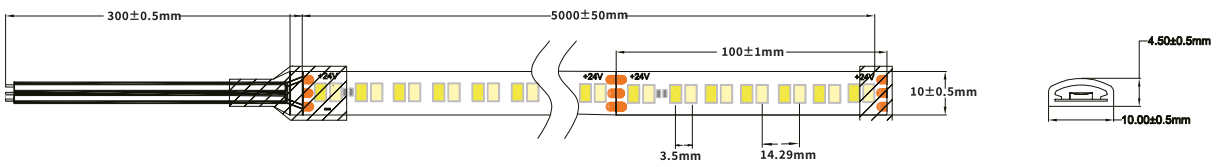
Connectors

OPPLE LED Strip portfolio includes tool-free connectors for IP20 strip,
to achieve stable electrical contact for carious LED Strip type like TW and COB.
The mounting accessories support you to install the IP67 Strip easy mounting
and resistant to water.

Go to **opple.com** for extra information
and the full range of LED connectors for LED Strips.

Connectors

IP20 Connectors for Standard Strip

806098003000	806098003400	806098003800	806098004200
LEDStrip Connector-SS-IP20	LEDStrip Wire-Connector-SW-IP20 Cable length 14cm	LEDStrip Wire-Connector-SS-IP20 Cable length 14cm	LEDStrip L-Connector-SS-IP20

IP20 connectors for COB Strip

806001009500	806001009300	806001009400	806098004400
LEDStrip Connector-SS-COB-IP20	LEDStrip Wire-Connector-SW-COB-IP20 Cable length 14cm	LEDStrip Wire-Connector-SS-COB-IP20 Cable length 14cm	LEDStrip L-Connector-SS-COB-IP20

IP20 connectors for TW Strip

806098003100	806098003500	806098003900	806098004300
LEDStrip Connector-SS-TW-IP20	LEDStrip Wire-Connector-SW-TW-IP20 Cable length 14cm	LEDStrip Wire-Connector-SS-TW-IP20 Cable length 14cm	LEDStrip L-Connector-SS-TW-IP20

Mounting Accessories for IP67 Strip

806098004600	806098004700
LEDStrip Silicone-Kit-IP67	LEDStrip Mounting-Kit-10-IP67

Compatibility Table of IP20 Strip and Connectors

	Connectors / IP20 Strip	4.8 W/m	9.6 W/m	14.4 W/m	19.2 W/m	12 W/m TW	12 W/m COB	Remarks
	LEDStrip Connector-SS-IP20	x	x	x	x			
	LEDStrip Connector-SS-TW-IP20					x		
	LEDStrip Connector-SS-COB-IP20						x	
	LEDStrip L-Connector-SS-IP20	x	x	x	x			
	LEDStrip L-Connector-SS-TW-IP20					x		
	LEDStrip L-Connector-SS-COB-IP20						x	
	LEDStrip Wire-Connector-SS-IP20	x	x	x	x			
	LEDStrip Wire-Connector-SS-TW-IP20					x		
	LEDStrip Wire-Connector-SS-COB-IP20						x	
	LEDStrip Wire-Connector-SW-IP20	x	x	x	x			
	LEDStrip Wire-Connector-SW-TW-IP20					x		
	LEDStrip Wire-Connector-SW-COB-IP20						x	

Profiles

OPPLE LED Strip portfolio includes various aluminium profiles to dissipate heat from LED Strip and strengthen LED Strip longevity. Available in various colors and shapes to suit different applications.

Go to **opple.com** for extra information
and the full range of LED profiles for LED Strips.

Profiles

806098001800 LEDStrip Profile-SF-10x10-AL	806098001900 LEDStrip Profile-SF-10x10-BL	806098002000 LEDStrip Profile-SF-15x15-AL	806098002100 LEDStrip Profile-SF-15x15-BL	806098002200 LEDStrip Profile-SF-17x7-AL	806098002300 LEDStrip Profile-SF-17x7-BL

|		
806098002400 LEDStrip Profile-RC-10x10-AL	806098002500 LEDStrip Profile-RC-15x15-AL	806098002600 LEDStrip Profile-Corner-18x18-AL

Package of OPPLE Profiles includes:

Surface Mounted Profile
1 x   Profile (2m)
1 x   PC Cover (Opal) (2m)
2 x   Profile Mounting Clamps
2 x   Profile End Caps
2 x   Profile End Caps Wire Through

Recessed Mounted Profile
1 x   Profile (2m)
1 x   PC Cover (Opal) (2m)
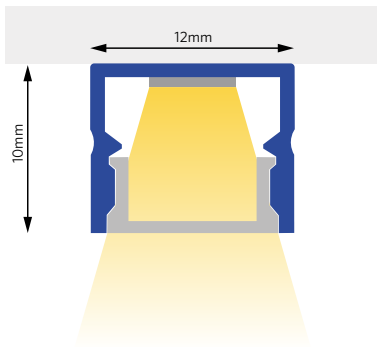2 x   Profile End Caps
2 x   Profile End Caps Wire Through
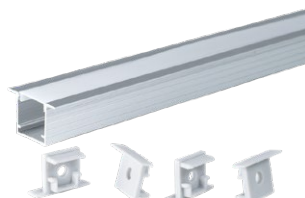
Corner Mounted Profile
1 x Profile (2m)
1 x PC Cover (Opal) (2m)
2 x Profile Mounting Clamps
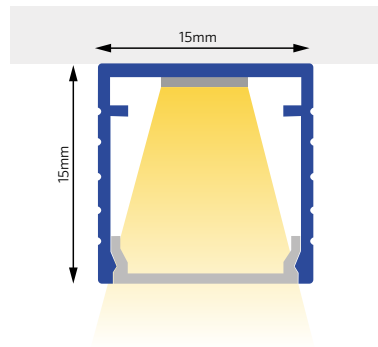2 x Profile End Caps
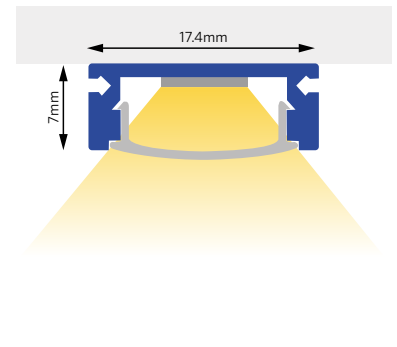2 x Profile End Caps Wire Through

Profiles Dimension and Mounting

Surface mounted

12mm / 10mm	15mm / 15mm	17.4mm / 7mm
SF 10 × 10	SF 15 × 15	SF 17 × 7

Recessed mounted
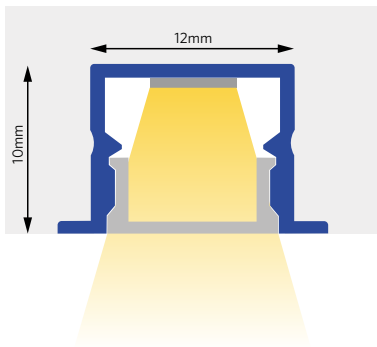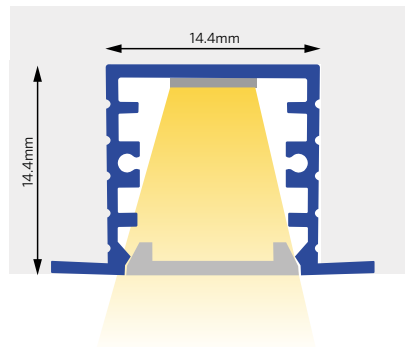
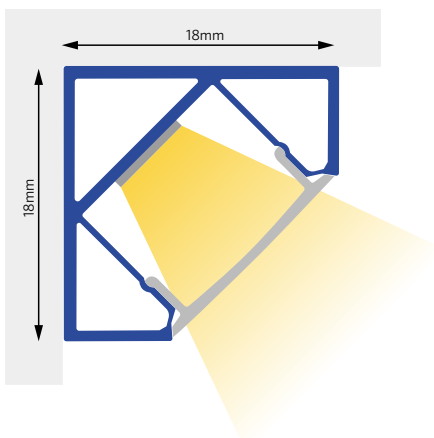|	
12mm / 10mm	14.4mm / 14.4mm
RC 10 × 10	RC 15 × 15

Corner Profile

18mm / 18mm

Corner 18 × 18

SF: Surface Mounting; RC: Recessed Mounting
The Polycarbonate (PC) Opal Cover will reduce 25% light output

Compatibility of Strip and Profiles

Choose the ideal profile to match your strip output for optimal performance

Profile	IP20						IP67			
	4.8W	9.6W	14.4W	19.2W	12W COB	12W TW	4.8W IP67	9.6W IP67	14.4W IP67	12W TW IP67
Profile-SF-10x10 (AL/BL)	x	x					x	x		
Profile-SF-15x15 (AL/BL)	x	x	x	x	x	x	x	x	x	x
Profile-SF-17x7 (AL/BL)	x	x	x	x	x	x	x	x	x	x
Profile-RC-10x10	x	x					x	x		
Profile-RC-15x15	x	x	x	x	x	x	x	x	x	x
Profile-Corner-18x18	x	x	x	x	x	x	x	x	x	x

Match table of IP20 connector and profile

	Connector Strip to Strip	L-Connector Strip to Strip	Wire-Connector Strip to Strip	Wire-Connector Strip to Wire
Profile-SF-10x10 (AL/BL)				
Profile-SF-15x15 (AL/BL)	x	x	x	x
Profile-SF-17x7 (AL/BL)	x	x	x	x
Profile-RC-10x10				
Profile-RC-15x15	x	x	x	x
Profile-Corner-18x18	x	x	x	x

The size of connectors fit into the profiles.

Drivers

OPPLE LED Strip portfolio provides consistent 24V DC drivers for optimal LED performance in different applications. Multiple options of dimmability help customers to fulfill various lighting requirements.

Go to **opple.com** for extra information and the full range of LED drivers for LED Strips.

Drivers

IP20 On/Off
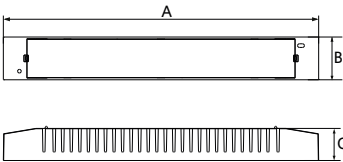

820009007900	820009008000	820009008100	820009008200	820009008300
LEDDriver 24V-36W	LEDDriver 24V-60W	LEDDriver 24V-120W	LEDDriver 24V-160W	LEDDriver 24V-240W

IP20 Driver	A	B	C
36W	172	45	32
40W	185	42,5	28,5
60W	202	45	32
75W	295	40	32
120W	260	45	32
150W	295	40	31
160W	260	45	32
240W	310	50	32

IP20 DALI/10V/PWM

820002006100	820002006200	820002006300	820002006400
LEDDriver 24V-40W-DALI/10V/PWM	LEDDriver 24V-75W-DALI/10V/PWM	LEDDriver 24V-150W-DALI/10V/PWM	LEDDriver 24V-240W-DALI/10V/PWM

IP20 Driver	A	B	C
40W	185	42,5	28,5
75W	295	40	32
150W	295	40	32
240W	360	40	32

IP20 BLE-TW

826001000300	820004013700
LEDDriver 24V-80W-BLE2-TW	LEDDriver 24V-200W-BLE2-TW
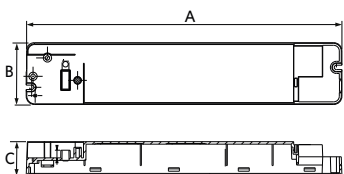
IP20 Driver	A	B	C
80W	230	45	25
200W	311	48	26

IP67 DALI

820002006500	820002006600	820002006700
LEDDriver 24V-75W-DALI-IP67	LEDDriver 24V-150W-DALI-IP67	LEDDriver 24V-240W-DALI-IP67
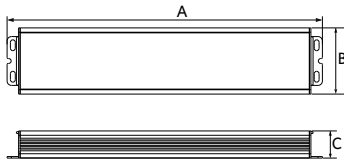
IP67 DALI	A	B	C
75W	290	61	25
150W	290	61	25
240W	270	68	30

IP67 10V/PWM

820003003900	820003004000	820003004100
LEDDriver 24V-75W-10V/PWM-IP67	LEDDriver 24V-150W-10V/PWM-IP67	LEDDriver 24V-240W-10V/PWM-IP67
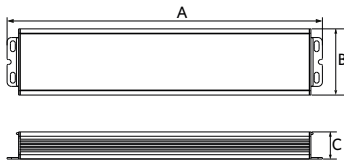
IP67 Driver	A	B	C
75W	290	61	25
150W	290	61	25
240W	270	68	30

Compatibility of Strip and Drivers

Driver Type	IP20 Strip						IP67 Strip			
	4.8W	9.6W	14.4W	19.2W	12W COB	12W TW	4.8W IP67	9.6W IP67	14.4W IP67	12W TW IP67
36W On/Off	x						(x)			
60W On/Off	x	x					(x)	(x)		
120W On/Off	x	x	x	x	x		(x)	(x)	(x)	
160W On/Off	x	x	x	x	x		(x)	(x)	(x)	
240W On/Off	x	x	x	x	x		(x)	(x)	(x)	
80W TW						x				(x)
200W TW						x				(x)
40W DA/10/PWM	x						(x)			
75W DA/10/PWM	x	x			x		(x)	(x)		
150W DA/10/PWM	x	x	x	x	x		(x)	(x)	(x)	
240W DA/10/PWM	x	x	x	x	x		(x)	(x)	(x)	
75W DALI IP67	x	x	x	x	x		x	x	x	
150W DALI IP67	x	x	x	x	x		x	x	x	
240W DALI IP67	x	x	x	x	x		x	x	x	
75W 10V/PWM IP67	x	x	x	x	x		x	x	x	
150W 10V/PWM IP67	x	x	x	x	x		x	x	x	
240W 10V/PWM IP67	x	x	x	x	x		x	x	x	

(x): Only if driver is mounting indoor. Opple recommend strong watertight protection to use the IP20 driver for IP67 LED Strip.

Tips for connecting a power supply to a LED Strip
1. Opple recommends choosing a power supply with 20% safe margin of the total power needed for LED Strip.
   For example, LED Strip of 10m with a power of 9.6 W/m (10 x 9.6 = 96W), the minimum power supply is 120W.
2. The maximum length of LED Strip to the driver is 5 meters, to avoid the voltage drops.
3. Opple strongly recommend to use Parallel Connection.
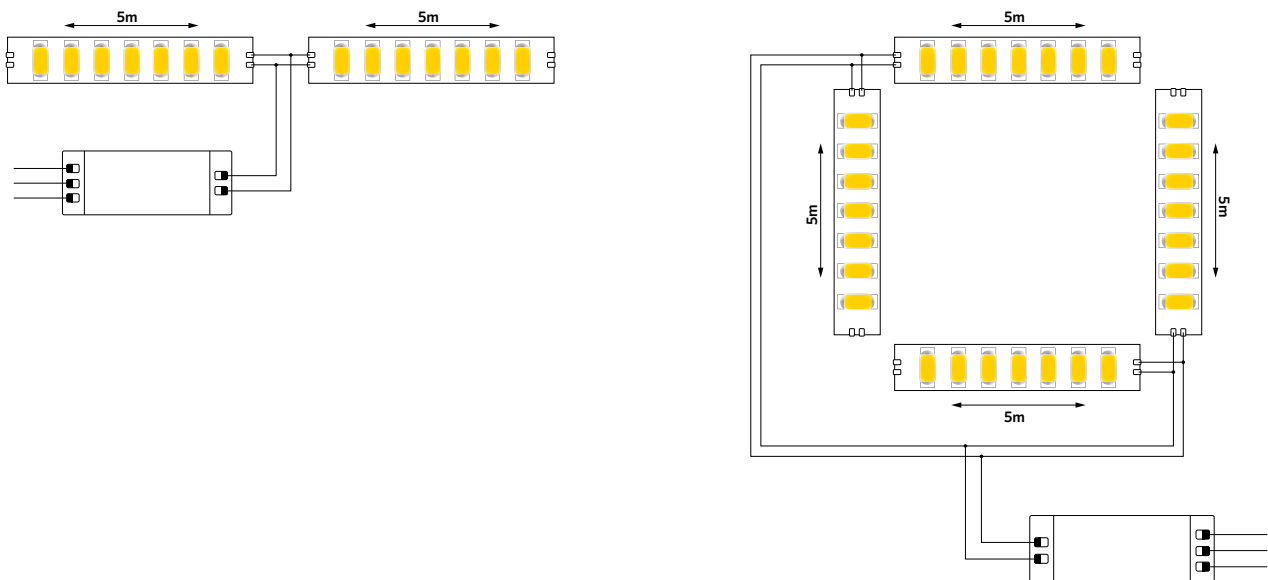
The Max. Length of wire in connection between LED Strip and Power Supply

The maximum length of an OPPLE LED Strip varies based on the specific application and is significantly influenced by the supply line between the driver and the strip. The length and cross-section of this supply line can result in a voltage drop, which, beyond a certain point, negatively impacts the performance of the LED Strips. The guide values in the tables below offer recommendations for optimal performance.

Calculation of the MAX permitted cable length from Power Supply

		DIAMETER OF WIRE						
		0.5mm²	0.75mm²	1mm²	1.5mm²	2.5mm²	4mm²	6mm²
Power Supply	40W	6m	9m	12m	18m	30m	48m	72m
	60W	4m	6m	8m	12m	20m	32m	48m
	75W	3m	4.8m	6.4m	9.6m	16m	25m	38m
	100W	2.4m	3.6m	4.8m	7.2m	12m	19.3m	29m
	120W	2m	3m	4m	6m	10m	16m	24m
	150W	1.6m	2.4m	3.2m	4.8m	8m	12.9m	19.3m
	200W	1.2m	1.8m	2.4m	3.6m	6m	9.6m	14.5m
	240W	1m	1.5m	2m	3m	5m	8m	12m

PS: Calculation based on DC 24V

Seamless Control with OPPLE LED Strips: Smart Integration for Dynamic Lighting Solutions

OPPLE LED Strips are fully compatible with a range of OPPLE DALI and Smart accessories, offering seamless integration into your lighting setup. Enhance your control and convenience with accessories like the DALI converter, Smart Switch, and the Smart App. These tools allow you to easily manage and adjust your lighting, ensuring optimal performance and flexibility for any environment. With OPPLE's smart solutions, you can create a tailored, dynamic lighting experience.

LED Strip
Single Color

On/Off Driver

Smart Relay

DALI/10V
Driver

DALI/10V
Converter

LED Strip
Tunable White

BLE-TW
Driver

STRIP PORTFOLIO

OPPLE SMART SOLUTION

OPPLE

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