



# Flexible LED Strip

## Water-resistant D-Type IP54

# Flexible LED Strip

Water-resistant D-Type IP54

Low Profile but Protected Lighting Strip

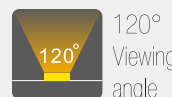


fire-retardant  
indoor applications  
2 years warranty

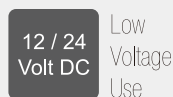
reliable FCP with the maximum bending diameter of 6cm  
total protection by PU against contact, interior dust deposit and water splash from all direction



For Indoor Use



120° Viewing angle



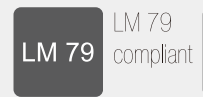
12 / 24 Volt DC Low Voltage Use



CE compliant



Class III Luminaire



LM 79 compliant

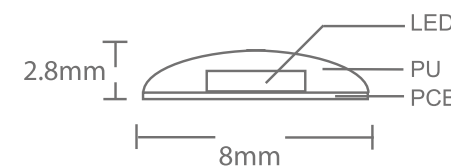


LM 80 compliant

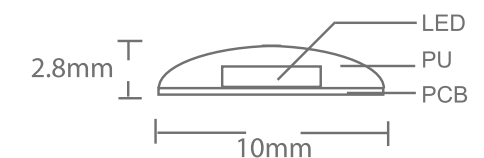


ETL<sub>US</sub> compliant

3528 Top LEDs:



5050 Top LEDs:



Introduction

Retail Packs

Flexible LED Strip  
Non-Waterproof  
IP20

Flexible LED Strip  
Waterproof  
IP20

Flexible LED Strip  
AC

Aluminum Profiles

Rigid LED Bars

LED Modules

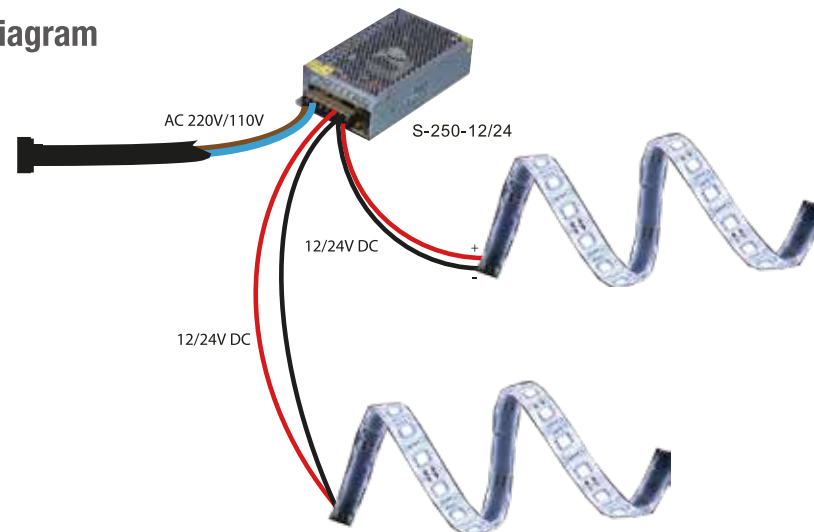
Accessories  
for  
Flexible LED Strips

### Availability of the Protection Type in Different LED Strip Models

Top LED Type	LEDs / Reel	Operating Voltage [V DC]		Model no.	Luminous Flux [lm/M]	Dimensions [mm]	
		12V	24V			Width	Height
2835 (0.5W)	360		✓	WW-FLS102T26XX120D-24(WCP)	--	--	--
	180		✓	WW-FLS102T26XX060D-24(WCP)	--	--	--
	120		✓	WW-FLS102T26XX040D-24(WCP)	--	--	--
2835 (0.2W)	792		✓	WW-FLS102T29XX264D-24(WCP)	--	--	--
	504		✓	WW-FLS102T29XX168D-24(WCP)	--	--	--
	600		✓	WW-FLS102T29XX120D-24(WCP)	2484	8	4
	300	✓	✓	WW-FLS102T29XX060D-12/24(WCP)	1242	8	4
	180		✓	WW-FLS102T29XX036D-24(WCP)	711	8	4
	150	✓		WW-FLS102T29XX030D-12(WCP)	621	8	4
2835 (0.1W)	840		✓	WW-FLS102T28XX168D-24(WCP)	--	--	--
	600	✓	✓	WW-FLS102T28XX120D-12/24(WCP)	1188	8	4
	300	✓	✓	WW-FLS102T28XX060D-12/24(WCP)	594	8	4
3528	1200		✓	WW-FLS102T35XX240D-24(WCP)(10)	--	--	--
	1200		✓	WW-FLS102T35XX240D-24(WCP)	--	--	--
	900		✓	WW-FLS102T35XX180D-24(WCP)	--	--	--
	600	✓	✓	WW-FLS102T35XX120D-12/24(WCP)	648	8	4
	300	✓	✓	WW-FLS102T35XX060D-12/24(WCP)	324	8	4
	150	✓		WW-FLS102T35XX030D-12(WCP)	162	8	4
5050	600		✓	WW-FLS102T50XX120D-24(WCP)	--	--	--
	420		✓	WW-FLS102T50XX084D-24(WCP)	--	--	--
	300	✓	✓	WW-FLS102T50XX060D-12/24(WCP)	1026	10	4
	180		✓	WW-FLS102T50XX036D-24(WCP)	585	10	4
	150	✓		WW-FLS102T50XX030D-12(WCP)	513	10	4
3014	1200		✓	WW-FLS102T30XX240D-24(WCP)	--	--	--
	900		✓	WW-FLS102T30XX180D-24(WCP)	--	--	--
	600		✓	WW-FLS102T30XX120D-24(WCP)	--	--	--
4014	720		✓	WW-FLS102T40XX240D-24(WCP)	--	--	--
	600		✓	WW-FLS103T53FX120D-24(WCP)	--	--	--
RGBW	360		✓	WW-FLS103T53FX072D-24(WCP)	--	--	--
	420		✓	WW-FLS103T50FC084D-24(WCP)	--	--	--
	300	✓	✓	WW-FLS103T50FC060D-12/24(WCP)	324	10	4
RGB	180		✓	WW-FLS103T50FC036D-24(WCP)	194	10	4
	150	✓		WW-FLS103T50FC030D-12(WCP)	162	10	4

\*"XX" represents any color available for the strip models.  
 \*Luminous Flux for whitetones only.

### Installation Diagram



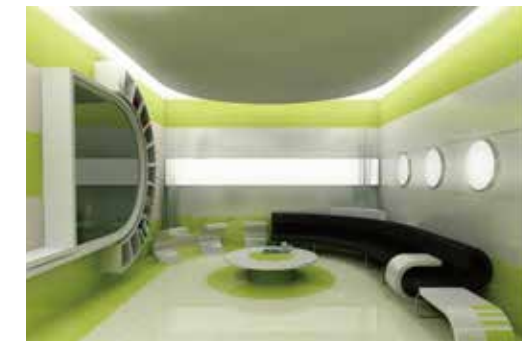
### Suitable Accessories:

Model no.	Length approx.
WW-FLS102B-DD2(8mm)	Fast Plug Connector Strip-to-Strip (for LED strips of specified width)
WW-FLS102B-DD2(10mm)	
WW-FLS102B-2DD2(8mm)	Binding Connector Strip-to-Strip (for LED strips of specified width)
WW-FLS102B-2DD2(10mm)	
WW-FLS103B-2DD4(10mm)	Fast Plug Connector Strip-to-Wire (for LED strips of specified width)
WW-FLS102B-FS2 (8mm)	
WW-FLS102B-FS2 (10mm)	
WW-FLS103B-FS4 (10mm)	
WW-FLS102B-2FS2 (8mm)	Binding Connector Strip-to-Wire (for LED strips of specified width)
WW-FLS102B-2FS2 (10mm)	
WW-FLS103B-2FS4 (10mm)	
WW-FLS102B-FD2 (8mm)	Fast Plug Connecting Wire Strip-to-Strip (for LED strips of specified width)
WW-FLS102B-FD2 (10mm)	
WW-FLS103B-FD4 (10mm)	

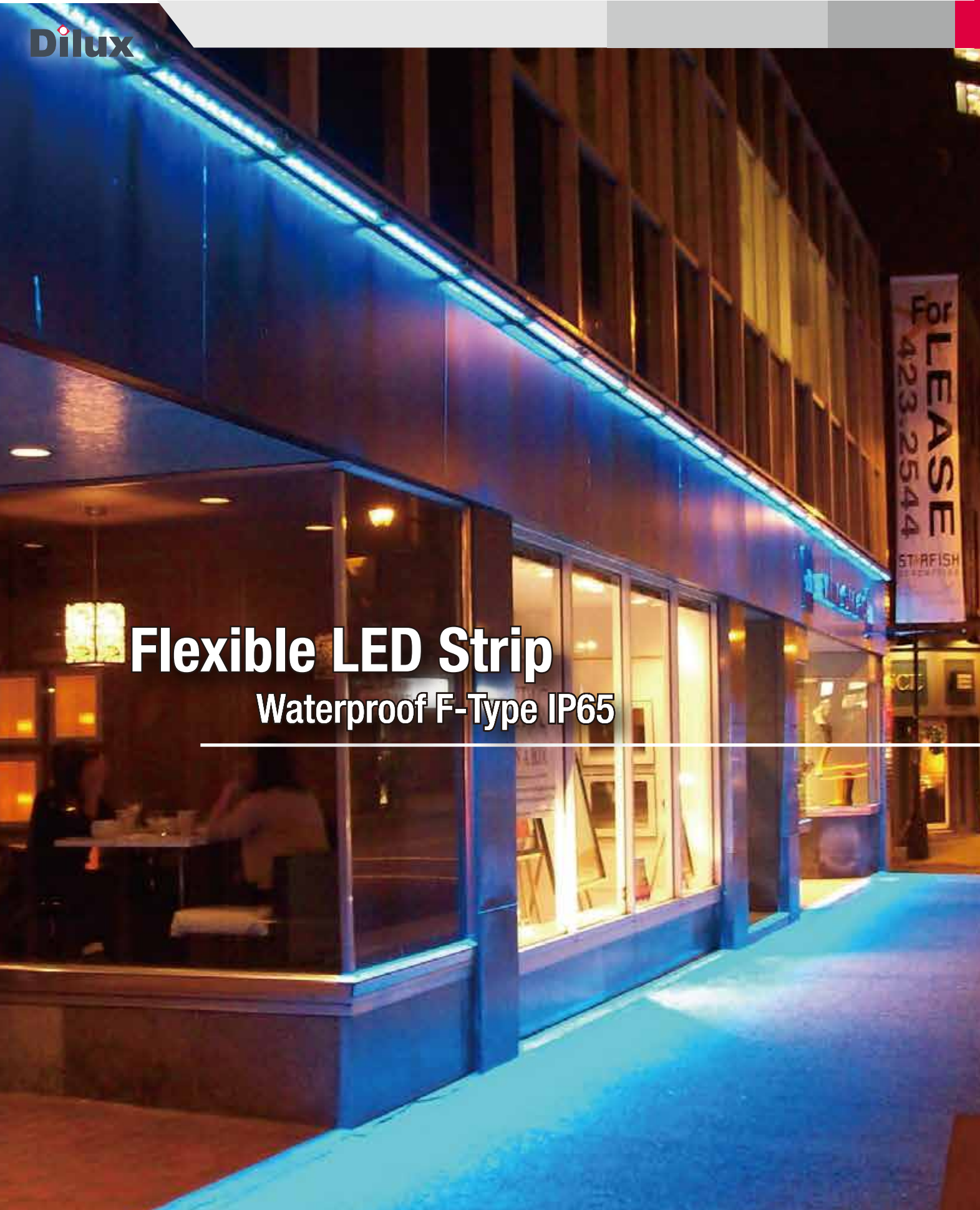


### Applications

- >> Lighting in display cabinets
- >> Shop decorative lighting
- >> Wardrobe lighting







# Flexible LED Strip

## Waterproof F-Type IP65

# Flexible LED Strip










## Waterproof F-Type IP65

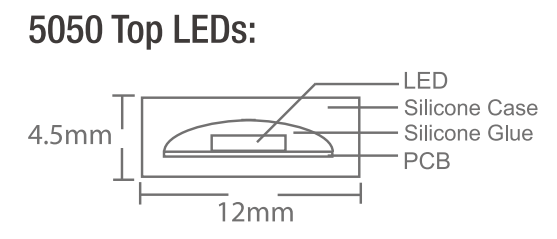
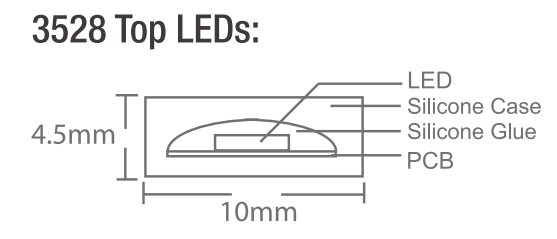
### Good Thermal Management and Weightless Design



fire-retardant and anti-UV  
 outdoor applications  
 2 years warranty

no aging problems like yellowing or bad smells  
 unique empty core structure facilitates heat sinking  
 reliable FCP with the maximum bending diameter of 6cm  
 total protection by silicone tube against dust penetration and contact,  
 water (out of a nozzle) from all directions

-  For Outdoor Use
-  120° Viewing angle
-  12 / 24 Volt DC Use
-  Low Voltage Use
-  CE compliant
-  Class III Luminaire
-  LM 79 compliant
-  LM 80 compliant
-  ETL<sub>US</sub> compliant



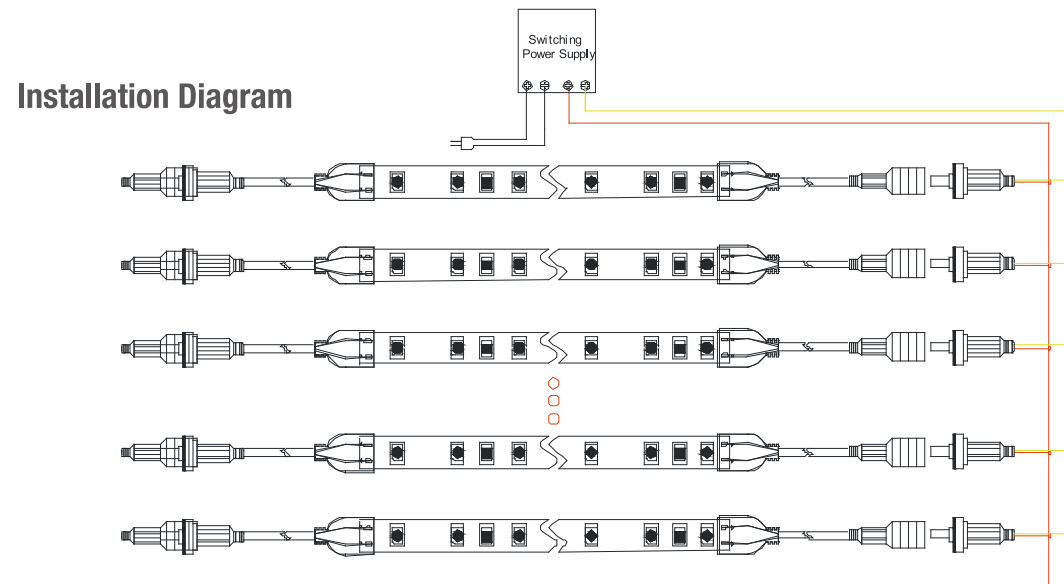
- Introduction
- Retail Packs
- Flexible LED Strip Non-Waterproof IP20
- Flexible LED Strip Waterproof**
- Flexible LED Strip AC
- Aluminum Profiles
- Rigid LED Bars
- LED Modules
- Accessories for Flexible LED Strips

## Availability of the Protection Type in Different LED Strip Models

Top LED Type	LEDs / Reel	Operating Voltage [V DC]		Model no.	Luminous Flux [lm/M]	Dimensions [mm]	
		12V	24V			Width	Height
2835 (0.5W)	360		✓	WW-FLS102T26XX120F-24(WCP)	--	--	--
	180		✓	WW-FLS102T26XX060F-24(WCP)	--	--	--
	120		✓	WW-FLS102T26XX040F-24(WCP)	--	--	--
2835 (0.2W)	792		✓	WW-FLS102T29XX264F-24(WCP)	--	--	--
	504		✓	WW-FLS102T29XX168F-24(WCP)	--	--	--
	600		✓	WW-FLS102T29XX120F-24(WCP)	--	--	--
	300	✓	✓	WW-FLS102T29XX060F-12/24(WCP)	1311	10	4
	180		✓	WW-FLS102T29XX036F-24(WCP)	750	10	4
	150	✓		WW-FLS102T29XX030F-12(WCP)	655	10	4
2835 (0.1W)	840		✓	WW-FLS102T28XX168F-24(WCP)	--	--	--
	600	✓	✓	WW-FLS102T28XX120F-12/24(WCP)	1254	10	4
3528	300	✓	✓	WW-FLS102T28XX060F-12/24(WCP)	627	10	4
	1200		✓	WW-FLS102T35XX240F-24(WCP)(10)	--	--	--
	1200		✓	WW-FLS102T35XX240F-24(WCP)	--	--	--
	900		✓	WW-FLS102T35XX180F-24(WCP)	--	--	--
	600	✓	✓	WW-FLS102T35XX120F-12/24(WCP)	684	10	4
	300	✓	✓	WW-FLS102T35XX060F-12/24(WCP)	342	10	4
	150	✓		WW-FLS102T35XX030F-12(WCP)	171	10	4
5050	600		✓	WW-FLS102T50XX120F-24(WCP)	--	--	--
	420		✓	WW-FLS102T50XX084F-24(WCP)	--	--	--
	300	✓	✓	WW-FLS102T50XX060F-12/24(WCP)	1083	12	4
	180		✓	WW-FLS102T50XX036F-24(WCP)	617	12	4
3014	150	✓		WW-FLS102T50XX030F-12(WCP)	541	12	4
	1200		✓	WW-FLS102T30XX240F-24(WCP)	--	--	--
	900		✓	WW-FLS102T30XX180F-24(WCP)	--	--	--
4014	600		✓	WW-FLS102T30XX120F-24(WCP)	1140	7	4
	720		✓	WW-FLS102T40XX240F-24(WCP)	--	--	--
RGBW	600		✓	WW-FLS103T53FX120F-24(WCP)	--	--	--
	360		✓	WW-FLS103T53FX072F-24(WCP)	--	--	--
RGB	420		✓	WW-FLS103T50FC084F-24(WCP)	--	--	--
	300	✓	✓	WW-FLS103T50FC060F-12/24(WCP)	342	12	4
	180		✓	WW-FLS103T50FC036F-24(WCP)	205	12	4
	150	✓		WW-FLS103T50FC030F-12(WCP)	171	12	4

\*\*"XX" represents any color available for the strip models.

\*Luminous Flux for whitetones only.



## Suitable Accesories:

Model no.	Length approx.
WW-FLS102A-MC(10mm)	1 set = 10 clips + 20 screws
WW-FLS102/103A-MC(12mm)	1 set = 10 clips + 20 screws
WW-FLS102/103A-MC(14mm)	1 set = 10 clips + 20 screws
WW-FLS102A-2PWP	10cm long 2-way cables
WW-FLS103A-4PWP	10cm long 4-way cables (RGB)
WW-FLS102A-2D	2-way connector pair
WW-FLS103A-4D	4-way connector pair



WW-FLS102A-2PWP



WW-FLS102A-2D



WW-FLS102A-MC(10mm)



WW-FLS102A-2PWP



WW-FLS103A-4D

## Applications

- >> Washrooms Lighting
- >> Lighting in landscape / courtyards
- >> Decorative lighting by seas







# Flexible LED Strip

## Waterproof G-Type IP66

# Flexible LED Strip

## Waterproof G-Type IP66

### Enhanced Protection with an Enduring Appearance

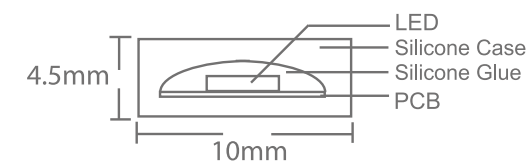


fire-retardant and anti-UV  
 outdoor applications  
 2 years warranty

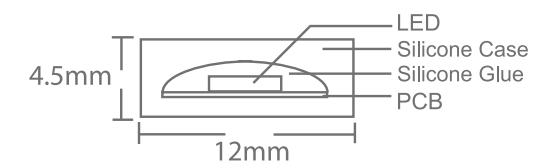
no aging problems like yellowing or bad smells  
 reliable FCP with the maximum bending diameter of 6cm  
 total protection by silicone tube and glue filling against dust penetration,  
 contact and temporary flooding

- For Outdoor Use
- 120° Viewing angle
- 12 / 24 Volt DC Use
- CE compliant
- Class III Luminaire
- LM 79 compliant
- LM 80 compliant
- ETL<sub>US</sub> compliant

3528 Top LEDs:



5050 Top LEDs:



- Introduction
- Retail Packs
- Flexible LED Strip Non-Waterproof IP20
- Flexible LED Strip Waterproof**
- Flexible LED Strip AC
- Aluminum Profiles
- Rigid LED Bars
- LED Modules
- Accessories for Flexible LED Strips

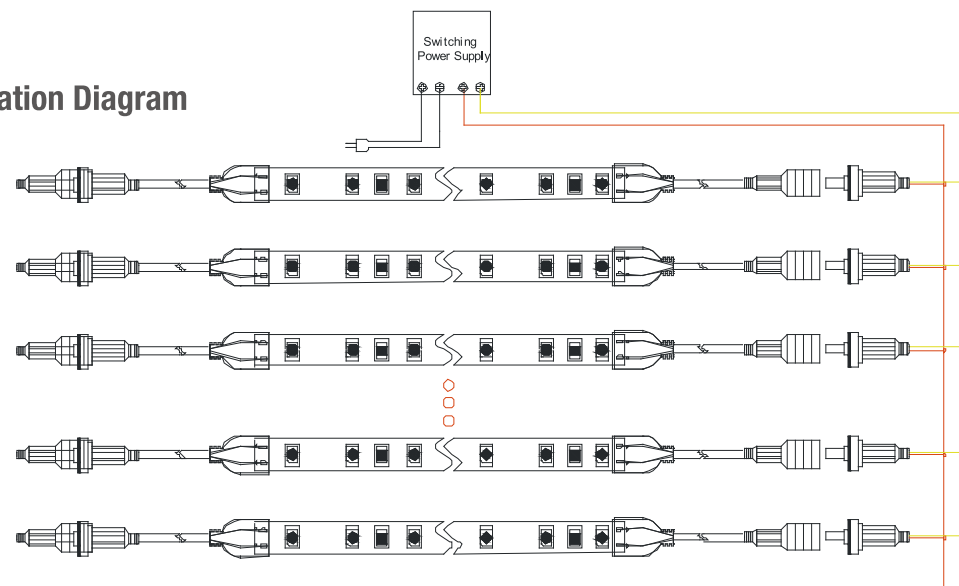
### Availability of the Protection Type in Different LED Strip Models

Top LED Type	LEDs / Reel	Operating Voltage [V DC]		Model no.	Luminous Flux [lm/M]	Dimensions [mm]	
		12V	24V			Width	Height
2835 (0.5W)	360		✓	WW-FLS102T26XX120G-24(WCP)	--	--	--
	180		✓	WW-FLS102T26XX060G-24(WCP)	--	--	--
	120		✓	WW-FLS102T26XX040G-24(WCP)	--	--	--
2835 (0.2W)	792		✓	WW-FLS102T29XX264G-24(WCP)	--	--	--
	504		✓	WW-FLS102T29XX168G-24(WCP)	--	--	--
	600		✓	WW-FLS102T29XX120G-24(WCP)	--	--	--
	300	✓	✓	WW-FLS102T29XX060G-12/24(WCP)	1269	10	4
	180		✓	WW-FLS102T29XX036G-24(WCP)	726	10	4
	150	✓		WW-FLS102T29XX030G-12(WCP)	634	10	4
2835 (0.1W)	840		✓	WW-FLS102T28XX168G-24(WCP)	--	--	--
	600	✓	✓	WW-FLS102T28XX120G-12/24(WCP)	1214	10	4
3528	300	✓	✓	WW-FLS102T28XX060G-12/24(WCP)	607	10	4
	1200		✓	WW-FLS102T35XX240G-24(WCP)(10)	--	--	--
	1200		✓	WW-FLS102T35XX240G-24(WCP)	--	--	--
	900		✓	WW-FLS102T35XX180G-24(WCP)	--	--	--
	600	✓	✓	WW-FLS102T35XX120G-12/24(WCP)	662	10	4
	300	✓	✓	WW-FLS102T35XX060G-12/24(WCP)	331	10	4
	150	✓		WW-FLS102T35XX030G-12(WCP)	165	10	4
5050	600		✓	WW-FLS102T50XX120G-24(WCP)	--	--	--
	420		✓	WW-FLS102T50XX084G-24(WCP)	--	--	--
	300	✓	✓	WW-FLS102T50XX060G-12/24(WCP)	1048	12	4
	180		✓	WW-FLS102T50XX036G-24(WCP)	598	12	4
3014	150	✓		WW-FLS102T50XX030G-12(WCP)	524	12	4
	1200		✓	WW-FLS102T30XX240G-24(WCP)	--	--	--
	900		✓	WW-FLS102T30XX180G-24(WCP)	--	--	--
4014	600		✓	WW-FLS102T30XX120G-24(WCP)	--	--	--
	720		✓	WW-FLS102T40XX240G-24(WCP)	--	--	--
RGBW	600		✓	WW-FLS103T53FX120G-24(WCP)	--	--	--
	360		✓	WW-FLS103T53FX072G-24(WCP)	--	--	--
RGB	420		✓	WW-FLS103T50FC084G-24(WCP)	--	--	--
	300	✓	✓	WW-FLS103T50FC060G-12/24(WCP)	331	12	4
	180		✓	WW-FLS103T50FC036G-24(WCP)	198	12	4
	150	✓		WW-FLS103T50FC030G-12(WCP)	165	12	4

\*\*"XX" represents any color available for the strip models.

\*Luminous Flux for whitetones only.

#### Installation Diagram



### Suitable Accessories:

Model no.	Length approx.
WW-FLS102A-MC(10mm)	1 set = 10 clips + 20 screws
WW-FLS102/103A-MC(12mm)	1 set = 10 clips + 20 screws
WW-FLS102/103A-MC(14mm)	1 set = 10 clips + 20 screws
WW-FLS102A-2PWP	10cm long 2-way cables
WW-FLS103A-4PWP	10cm long 4-way cables (RGB)
WW-FLS102A-2D	2-way connector pair
WW-FLS103A-4D	4-way connector pair



WW-FLS102A-2PWP



WW-FLS102A-2D



WW-FLS102A-MC(10mm)



WW-FLS102A-2PWP



WW-FLS103A-4D

### Applications

- >> Washrooms Lighting
- >> Lighting in landscape / courtyards
- >> Decorative lighting by seas





# Flexible LED Strip

## Waterproof E-Type IP67

# Flexible LED Strip











## Waterproof E-Type IP67

### Temporary Immersion is Possible

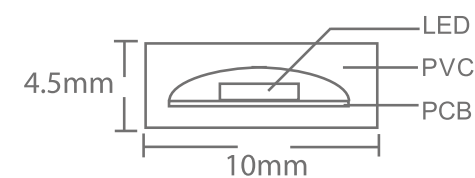


fire-retardant and anti-UV  
 outdoor applications  
 2 years warranty

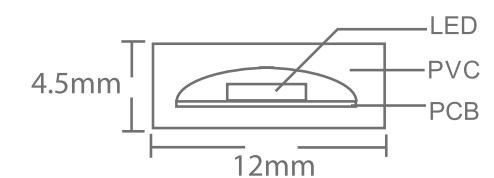
reliable FCP with the maximum bending diameter of 6cm  
 unique empty core structure facilitates heat sinking  
 total protection by PU against contact, dust penetration, temporary immersion

 For Outdoor Use	 120° Viewing angle	 12 / 24 Volt DC	 Low Voltage Use	 CE compliant
 Class III Luminaire	 LM 79 compliant	 LM 80 compliant	 ETL <sub>US</sub> compliant	

#### 3528 Top LEDs:



#### 5050 Top LEDs:



- Introduction
- Retail Packs
- Flexible LED Strip Non-Waterproof IP20
- Flexible LED Strip Waterproof IP67**
- Flexible LED Strip AC
- Aluminum Profiles
- Rigid LED Bars
- LED Modules
- Accessories for Flexible LED Strips



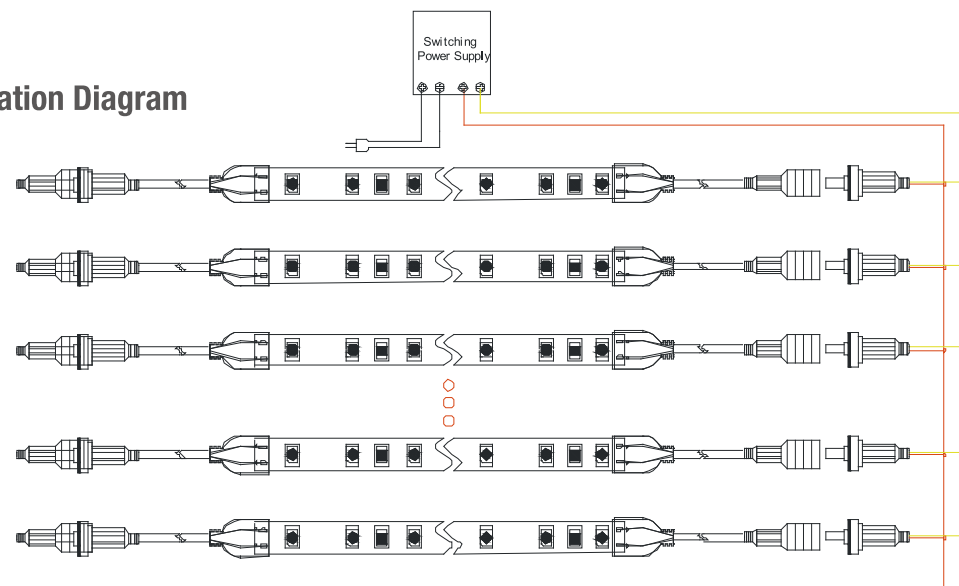
## Availability of the Protection Type in Different LED Strip Models

Top LED Type	LEDs / Reel	Operating Voltage [V DC]		Model no.	Luminous Flux [lm/M]	Dimensions [mm]	
		12V	24V			Width	Height
2835 (0.5W)	360		✓	WW-FLS102T26XX120E-24(WCP)	--	--	--
	180		✓	WW-FLS102T26XX060E-24(WCP)	--	--	--
	120		✓	WW-FLS102T26XX040E-24(WCP)	--	--	--
2835 (0.2W)	792		✓	WW-FLS102T29XX264E-24(WCP)	--	--	--
	504		✓	WW-FLS102T29XX168E-24(WCP)	--	--	--
	600		✓	WW-FLS102T29XX120E-24(WCP)	--	--	--
	300	✓	✓	WW-FLS102T29XX060E-12/24(WCP)	1297	10	4.5
	180		✓	WW-FLS102T29XX036E-24(WCP)	742	10	4.5
	150	✓		WW-FLS102T29XX030E-12(WCP)	648	10	4.5
2835 (0.1W)	840		✓	WW-FLS102T28XX168E-24(WCP)	--	--	--
	600	✓	✓	WW-FLS102T28XX120E-12/24(WCP)	1240	10	4.5
3528	300	✓	✓	WW-FLS102T28XX060E-12/24(WCP)	620	10	4.5
	1200		✓	WW-FLS102T35XX240E-24(WCP)(10)	--	--	--
	1200		✓	WW-FLS102T35XX240E-24(WCP)	--	--	--
	900		✓	WW-FLS102T35XX180E-24(WCP)	--	--	--
	600	✓	✓	WW-FLS102T35XX120E-12/24(WCP)	676	10	4.5
	300	✓	✓	WW-FLS102T35XX060E-12/24(WCP)	338	10	4.5
	150	✓		WW-FLS102T35XX030E-12(WCP)	169	10	4.5
5050	600		✓	WW-FLS102T50XX120E-24(WCP)	--	--	--
	420		✓	WW-FLS102T50XX084E-24(WCP)	--	--	--
	300	✓	✓	WW-FLS102T50XX060E-12/24(WCP)	1071	12	4.5
	180		✓	WW-FLS102T50XX036E-24(WCP)	611	12	4.5
3014	150	✓		WW-FLS102T50XX030E-12(WCP)	535	12	4.5
	1200		✓	WW-FLS102T30XX240E-24(WCP)	--	--	--
	900		✓	WW-FLS102T30XX180E-24(WCP)	--	--	--
4014	600		✓	WW-FLS102T30XX120E-24(WCP)	--	--	--
	720		✓	WW-FLS102T40XX240E-24(WCP)	--	--	--
RGBW	600		✓	WW-FLS103T53FX120E-24(WCP)	--	--	--
	360		✓	WW-FLS103T53FX072E-24(WCP)	--	--	--
RGB	420		✓	WW-FLS103T50FC084E-24(WCP)	--	--	--
	300	✓	✓	WW-FLS103T50FC060E-12/24(WCP)	338	12	4.5
	180		✓	WW-FLS103T50FC036E-24(WCP)	203	12	4.5
	150	✓		WW-FLS103T50FC030E-12(WCP)	169	12	4.5

\*\*"XX" represents any color available for the strip models.

\*Luminous Flux for whitetones only.

### Installation Diagram



## Suitable Accessories:

Model no.	Length approx.
WW-FLS102A-MC(10mm)	1 set = 10 clips + 20 screws
WW-FLS102/103A-MC(12mm)	1 set = 10 clips + 20 screws
WW-FLS102/103A-MC(14mm)	1 set = 10 clips + 20 screws
WW-FLS102A-2PWP	10cm long 2-way cables
WW-FLS103A-4PWP	10cm long 4-way cables (RGB)
WW-FLS102A-2D	2-way connector pair
WW-FLS103A-4D	4-way connector pair



WW-FLS102A-2PWP



WW-FLS102A-2D



WW-FLS102A-MC(10mm)



WW-FLS102A-2PWP



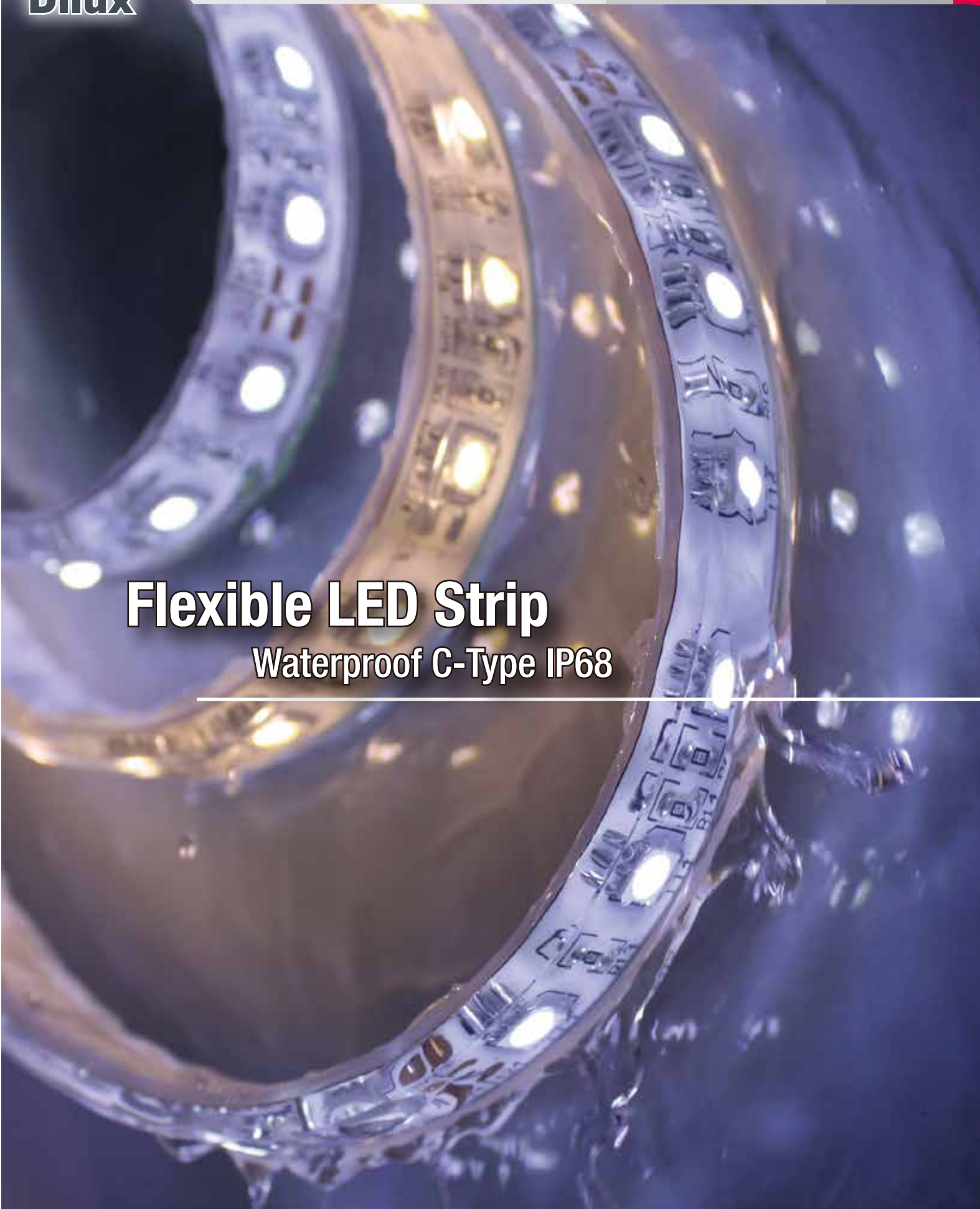
WW-FLS103A-4D

## Applications

- >> Lighting in bathrooms / washrooms
- >> Shop decorative lighting
- >> Architectural decorative lighting







# Flexible LED Strip

## Waterproof C-Type IP68

# Flexible LED Strip

## Waterproof C-Type IP68

### Submersible but still Flexible LED Strips

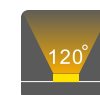


fire-retardant and anti-UV  
 outdoor applications  
 2 years warranty

reliable FCP with the maximum bending diameter of 6cm  
 total protection by PVC against penetration of water, dust and contact



For Outdoor Use



120° Viewing angle



12 / 24 Volt DC



Low Voltage Use



CE compliant



Class III Luminaire



LM 79 compliant

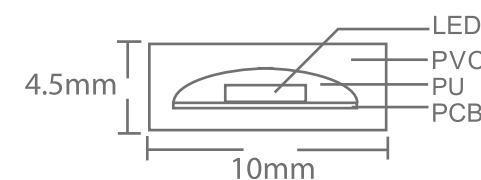


LM 80 compliant

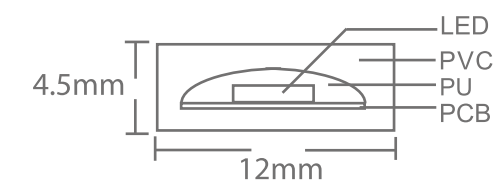


ETL US compliant

#### 3528 Top LEDs:



#### 5050 Top LEDs:



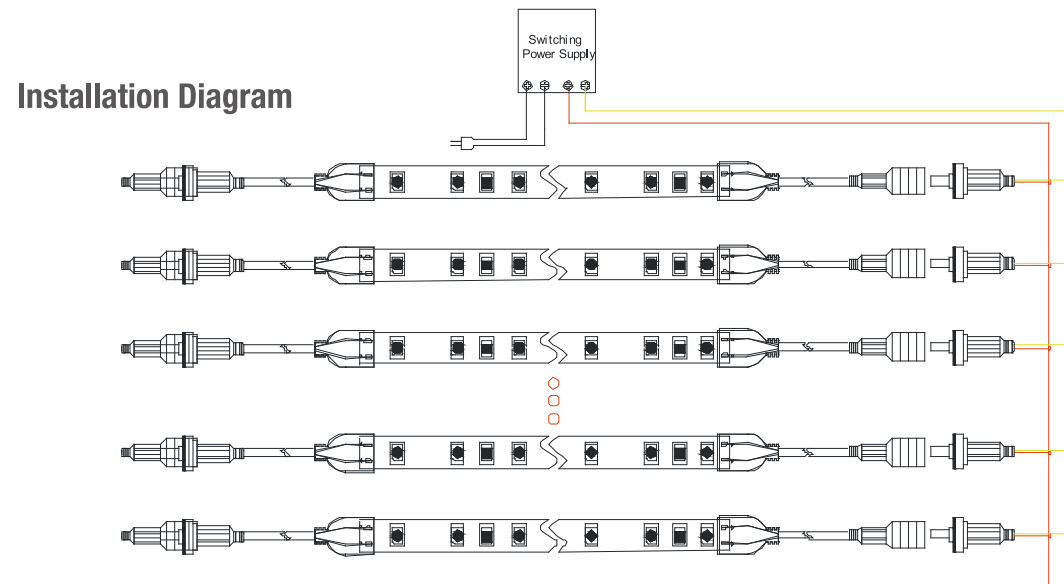
- Introduction
- Retail Packs
- Flexible LED Strip Non-Waterproof IP20
- Flexible LED Strip Waterproof**
- Flexible LED Strip AC
- Aluminum Profiles
- Rigid LED Bars
- LED Modules
- Accessories for Flexible LED Strips

## Availability of the Protection Type in Different LED Strip Models

Top LED Type	LEDs / Reel	Operating Voltage [V DC]		Model no.	Luminous Flux [lm/M]	Dimensions [mm]	
		12V	24V			Width	Height
2835 (0.5W)	360		✓	WW-FLS102T26XX120D-24(WCP)	--	--	--
	180		✓	WW-FLS102T26XX060D-24(WCP)	--	--	--
	120		✓	WW-FLS102T26XX040D-24(WCP)	--	--	--
2835 (0.2W)	792		✓	WW-FLS102T29XX264D-24(WCP)	--	--	--
	504		✓	WW-FLS102T29XX168D-24(WCP)	--	--	--
	600		✓	WW-FLS102T29XX120D-24(WCP)	--	--	--
	300	✓	✓	WW-FLS102T29XX060D-12/24(WCP)	1159	10	4.5
	180		✓	WW-FLS102T29XX036D-24(WCP)	663	10	4.5
	150	✓		WW-FLS102T29XX030D-12(WCP)	579	10	4.5
2835 (0.1W)	840		✓	WW-FLS102T28XX168D-24(WCP)	--	--	--
	600	✓	✓	WW-FLS102T28XX120D-12/24(WCP)	1108	10	4.5
3528	300	✓	✓	WW-FLS102T28XX060D-12/24(WCP)	554	10	4.5
	1200		✓	WW-FLS102T35XX240D-24(WCP)(10)	--	--	--
	1200		✓	WW-FLS102T35XX240D-24(WCP)	--	--	--
	900		✓	WW-FLS102T35XX180D-24(WCP)	--	--	--
	600	✓	✓	WW-FLS102T35XX120D-12/24(WCP)	604	10	4.5
	300	✓	✓	WW-FLS102T35XX060D-12/24(WCP)	302	10	4.5
	150	✓		WW-FLS102T35XX030D-12(WCP)	151	10	4.5
5050	600		✓	WW-FLS102T50XX120D-24(WCP)	--	--	--
	420		✓	WW-FLS102T50XX084D-24(WCP)	--	--	--
	300	✓	✓	WW-FLS102T50XX060D-12/24(WCP)	957	12	4.5
	180		✓	WW-FLS102T50XX036D-24(WCP)	546	12	4.5
3014	150	✓		WW-FLS102T50XX030D-12(WCP)	478	12	4.5
	1200		✓	WW-FLS102T30XX240D-24(WCP)	--	--	--
	900		✓	WW-FLS102T30XX180D-24(WCP)	--	--	--
4014	600		✓	WW-FLS102T30XX120D-24(WCP)	--	--	--
	720		✓	WW-FLS102T40XX240D-24(WCP)	--	--	--
RGBW	600		✓	WW-FLS103T53FX120D-24(WCP)	--	--	--
	360		✓	WW-FLS103T53FX072D-24(WCP)	--	--	--
RGB	420		✓	WW-FLS103T50FC084D-24(WCP)	--	--	--
	300	✓	✓	WW-FLS103T50FC060D-12/24(WCP)	602	12	4.5
	180		✓	WW-FLS103T50FC036D-24(WCP)	181	12	4.5
	150	✓		WW-FLS103T50FC030D-12(WCP)	151	12	4.5

\*\*"XX" represents any color available for the strip models.

\*Luminous Flux for whitetones only.



## Suitable Accesories:

Model no.	Length approx.
WW-FLS102A-MC(10mm)	1 set = 10 clips + 20 screws
WW-FLS102/103A-MC(12mm)	1 set = 10 clips + 20 screws
WW-FLS102/103A-MC(14mm)	1 set = 10 clips + 20 screws
WW-FLS102A-2PWP	10cm long 2-way cables
WW-FLS103A-4PWP	10cm long 4-way cables (RGB)
WW-FLS102A-2D	2-way connector pair
WW-FLS103A-4D	4-way connector pair



WW-FLS102A-2PWP



WW-FLS102A-2D



WW-FLS102A-MC(10mm)



WW-FLS102A-2PWP



WW-FLS103A-4D

## Applications

- >> Outdoor decorative lighting
- >> Underwater lighting in pools and fountains
- >> Walkways and stairways lighting







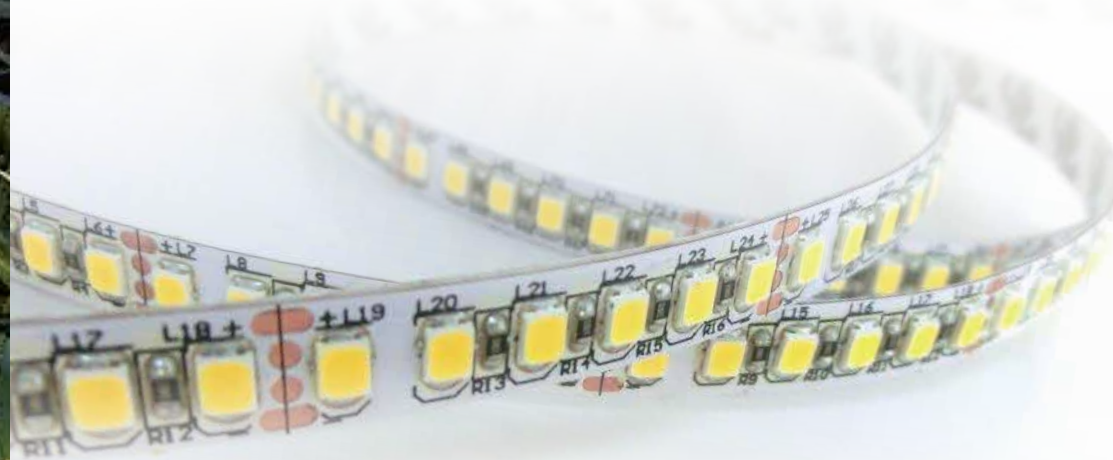
# Flexible LED Strip

## Waterproof H-Type IP67

# Flexible LED Strip


## Waterproof H-Type IP67

**Reliable and Invisible Protection, the Slimmest One Ever**



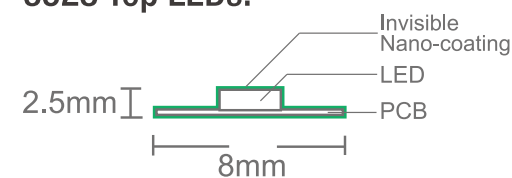
outdoor applications  
2 years warranty

no aging problems like yellowing or bad smells  
reliable FCP with the maximum bending diameter of 6cm  
nano-coating layer protects the lighting element against dust penetration, contact and water pressure

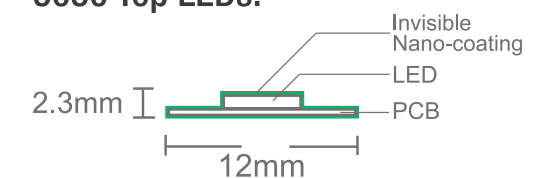
-  For Outdoor Use
-  120° Viewing angle
-  12 / 24 Volt DC Low Voltage Use
-  CE compliant

-  Class III Luminaire
-  LM 79
-  LM 79 compliant
-  LM 80
-  LM 80 compliant
-  ETL<sub>US</sub> compliant

**3528 Top LEDs:**



**5050 Top LEDs:**



Introduction

Retail Packs

Flexible LED Strip  
Non-Waterproof  
IP20

Flexible LED Strip  
Waterproof  
IP67

Flexible LED Strip  
AC

Aluminum Profiles

Rigid LED Bars

LED Modules

Accessories  
for  
Flexible LED Strips



## Availability of the Protection Type in Different LED Strip Models

Top LED Type	LEDs / Reel	Operating Voltage [V DC]		Model no.	Luminous Flux [lm/M]	Dimensions [mm]	
		12V	24V			Width	Height
2835 (0.5W)	360		✓	WW-FLS102T26XX120D-24(WCP)	--	--	--
	180		✓	WW-FLS102T26XX060D-24(WCP)	--	--	--
	120		✓	WW-FLS102T26XX040D-24(WCP)	--	--	--
2835 (0.2W)	792		✓	WW-FLS102T29XX264D-24(WCP)	--	--	--
	504		✓	WW-FLS102T29XX168D-24(WCP)	--	--	--
	600		✓	WW-FLS102T29XX120D-24(WCP)	--	--	--
	300	✓	✓	WW-FLS102T29XX060D-12/24(WCP)	--	--	--
	180		✓	WW-FLS102T29XX036D-24(WCP)	--	--	--
	150	✓		WW-FLS102T29XX030D-12(WCP)	--	--	--
2835 (0.1W)	840		✓	WW-FLS102T28XX168D-24(WCP)	--	--	--
	600	✓	✓	WW-FLS102T28XX120D-12/24(WCP)	--	--	--
3528	300	✓	✓	WW-FLS102T28XX060D-12/24(WCP)	--	--	--
	1200		✓	WW-FLS102T35XX240D-24(WCP)(10)	1368	10	2.5
	1200		✓	WW-FLS102T35XX240D-24(WCP)	1368	14	2.5
	900		✓	WW-FLS102T35XX180D-24(WCP)	1026	8	2.5
	600	✓	✓	WW-FLS102T35XX120D-12/24(WCP)	684	8	2.5
	300	✓	✓	WW-FLS102T35XX060D-12/24(WCP)	342	8	2.5
5050	150	✓		WW-FLS102T35XX030D-12(WCP)	171	8	2.5
	600		✓	WW-FLS102T50XX120D-24(WCP)	2166	15	2.3
	420		✓	WW-FLS102T50XX084D-24(WCP)	1434	10	2.3
	300	✓	✓	WW-FLS102T50XX060D-12/24(WCP)	1083	10	2.3
	180		✓	WW-FLS102T50XX036D-24(WCP)	617	10	2.3
	150	✓		WW-FLS102T50XX030D-12(WCP)	541	10	2.3
3014	1200		✓	WW-FLS102T30XX240D-24(WCP)	1824	10	1.2
	900		✓	WW-FLS102T30XX180D-24(WCP)	1368	7	1.2
4014	600		✓	WW-FLS102T30XX120D-24(WCP)	912	5	1.2
	720		✓	WW-FLS102T40XX240D-24(WCP)	4104	10	1.2
RGBW	600		✓	WW-FLS103T53FX120D-24(WCP)	684	12	2.5
	360		✓	WW-FLS103T53FX072D-24(WCP)	408	12	2.5
RGB	420		✓	WW-FLS103T50FC084D-24(WCP)	478	10	2.3
	300	✓	✓	WW-FLS103T50FC060D-12/24(WCP)	342	10	2.3
	180		✓	WW-FLS103T50FC036D-24(WCP)	205	10	2.3
	150	✓		WW-FLS103T50FC030D-12(WCP)	171	10	2.3

\*\*"XX" represents any color available for the strip models.

\*Luminous Flux for whitetones only.

### Trimming:

1. Find the nearest cutting mark on the strip you wish to cut



2. Cut the strip at the cutting mark only



3. Solder the power terminal wire to the PCB



\*Trimmed strips are no longer waterproof!

## Suitable Accessories:

Model no.	Length approx.
WW-FLS102A-MC(10mm)	1 set = 10 clips + 20 screws
WW-FLS102/103A-MC(12mm)	1 set = 10 clips + 20 screws
WW-FLS102/103A-MC(14mm)	1 set = 10 clips + 20 screws
WW-FLS102A-2PWP	10cm long 2-way cables
WW-FLS103A-4PWP	10cm long 4-way cables (RGB)
WW-FLS102A-2D	2-way connector pair
WW-FLS103A-4D	4-way connector pair



WW-FLS102A-2PWP



WW-FLS102A-2D



WW-FLS102A-MC(10mm)



WW-FLS102A-2PWP



WW-FLS103A-4D

## Applications

- >> Outdoor decorative lighting
- >> Underwater lighting in pools and fountains
- >> Walkways and stairways lighting

