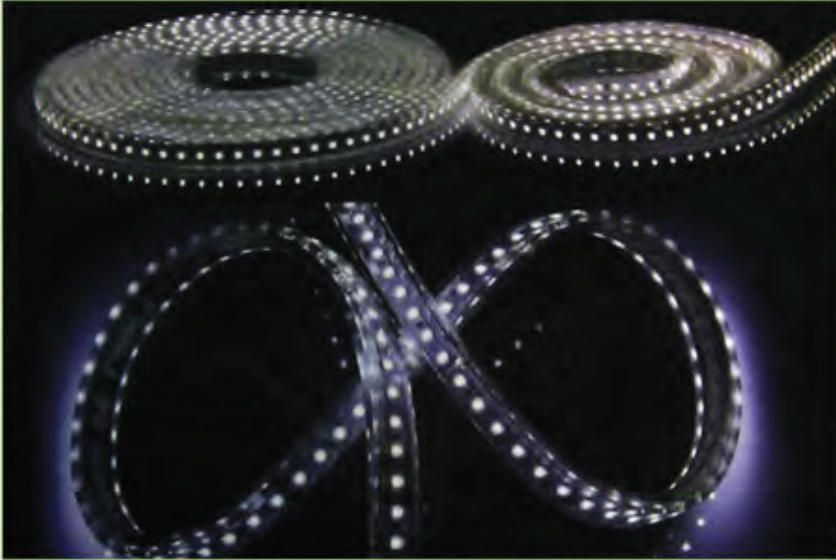


# FUTURA LIGHTING

## Futura Auraflex LED Ultra High Brightness Waterproof Flexible Ribbon

**Prod. Name:** UHB-AF Waterproof Flexible Ribbon LED Strip | IP68



### Features:

Futura Lighting's FL-STRIP-UHB-AF Waterproof ribbon is a combination of SMD LEDs and extrusion technology. The SMD (Surface Mounted Diode) print plate, on which the LEDs have been assembled directly, has been enveloped with a transparent, UV/IR-protected TPU housing. The result is a high-quality product create colorful and amazing linear light accents. Our FL-STRIP-UHB-AF is available in 2 different fixed colors: cool white and warm white. This new ribbon is designed with very clear SMD LEDs and with free cutting every 6 LEDs. It is protected against humidity (IP68) and comes in 30 meter spools. At 24VDC constant voltage, the FL-STRIP-UHB-AF allows for longer runs without voltage drops.

Model Number	Color	Dimensions (HxW)	LED Spacing (mm)	Luminous Flux (lm/m)	Power (W/m)	Connection Length (Max)
FL-STRIP-UHB-AF-W	White	6.5/14.0/+/-0.3mm	8.3	1022	19.2	10m
FL-STRIP-UHB-AF-WW	Warm White	6.5/14.0/+/-0.3mm	8.3	775	19.2	10m

### Compatible LED Drivers:

#### Dimmable

<b>*FL-50W-24V-LED-DIM</b>	(50W, Input 120V 50/60Hz, Output 24VDC)
<b>FL-100W-24V-LED-DIM</b>	(100W, Input 120V 50/60Hz, Output 24VDC)
<b>FLM-200W-24V-LED-DIM</b>	(200W, Input 120V 50/60Hz, Output 24VDC)
<b>FLM-300W-24V-LED-DIM</b>	(300W, Input 120V 50/60Hz, Output 24VDC)

\*New small-sized unit: (LxWxH) 6" x 2" x 1 3/8"

#### Non-Dimmable

<b>FL-2406T Waterproof</b>	(60W, Input 100-240V 50/60Hz, Output 24VDC)
<b>LED-100W-24VDC</b>	(100W, Input 100-277V 50/60Hz, Output 24VDC)
<b>FL-2410W Waterproof</b>	(100W, Input 100-240V 50/60Hz, Output 24VDC)
<b>FL-2420W Waterproof</b>	(200W, Input 100-240V 50/60Hz, Output 24VDC)

**Protected Against Humidity:** IP68, **Dimmable:** Yes

**UV Resistant and Fireproof V-0**

**LED:** Power SMD TOP LED

**Beam Angle:** 120°

**Voltage:** 24VDC

**Fixed-color Output:** 19.2W/m (5.9W/ft)

**Spool Length:** 30 meters (100 feet)

**Section Length:** 50mm (1.97in)

**Number of LEDs:** 6 per section: 118/m (36/ft)

**Light Output (mcd/m):** 3500 x 120

**Max Continuous Connection Length:** 10 meters (32.8 feet)

### Ref. Name & Colors:

**Ref. Name:** **FL-STRIP-UHB-AF (24VDC)**

**FL-STRIP-UHB-AF-W** (White)

**FL-STRIP-UHB-AF-WW** (Warm White)

### Dimensions and Safety Information:

- The strip itself and all its components may not be mechanically stressed.
- Assembly must not damage or destroy conducting paths on the circuit board.
- Installation of LED ribbon (with power supplies) needs to be made following all applicable electrical and safety standards. Only qualified personnel should be allowed to perform installations.
- Correct electrical polarity needs to be observed. Wrong polarity may destroy the strip.
- Parallel connection is highly recommended as safe electrical operation mode.
- Serial connection is not recommended. Unbalanced voltage drop can cause hazardous overload and damage the strip.
- When mounting on metallic or otherwise conductive surfaces, there needs to be an electrical isolation point between the strip and the mounting surface.
- Do not power more than 10m (33ft) of continuous strip. Otherwise the brightness will decay due to voltage drop. A separate run must be used to power additional feet of strip.

