

## RGB Professional series led strips

FU-BLF-020L-RGB-(W)X

RGB Dimmable strip with 60 SMD020 side view LEDs per meter



### Features

**New PCB with ADF Technology**, 50% thicker than previous one to improve cooling rating.

High brightness SMD side view 020 LEDs compliant with "LM80"\*.

Cutting by groups to facilitate use.

Uniform brightness throughout entire length.

24VDC power supply to get better reliability

Highest performance original 3M VHB back adhesive tape.

International certifications available.

\* LM80 CERTIFIED:  
LED LIFESPAN tested under LM80;  
Expected LIFETIME of 30,000h.

FU-BLF-020L-RGB-(W)X

Professional series



Dimmable LED strip SMD020L 60 LED/m

60  
Led/m

12  
W/m

24V

Warranty up to  
**7**  
Years

≤405  
lm/m

LED SMD  
O20L

ILUM. LATERAL  
SIDE VIEW

FINE  
MIXING

SUPER  
BRIGHT

**RGB**

RGB full color



5 Max. meters in series  
(one side powered)

**VHB 3M**

driver **NOT**  
included

120°

5m

16,66mm

10cm

30.000 h

10 Max. meters in series  
(two side powered)

ADF  
PCB

Do not blend

ESD

Dimmable

Alu profile  
required

Working  
50°C  
-20°C

Storage  
60°C  
-40°C

Features

Part number	CCT / wavelength	Luminous intensity per m / flux	Efficiency lm / W	Energy efficiency	Ordinary strip	Strip with waterproof part number "W" suffix
FU-BLF-020L-RGB(W)X	(R) 620-630nm	±405lm	±34	<b>G</b>		
	(G) 515-525nm					
	(B) 465-475nm				5000mm 1,25mm 8mm	5000mm 4mm 10mm
					No color temperature deviation.	

Notes

Waterproof led strips covered by silicone material use to suffer an unavoidable CCT value modification owing to optical effect caused when light beam passes through material.  
Initial CCT values are increased several hundreds or thousands of °K. This increasing is much higher in coldest white CCTs.  
New FULLWAT molded silicone system avoids this effect and our waterproof led strips are CCT rated at original value without modification.  
Please, contact with your local sales office to get wider details.

25m

25 length models are available.

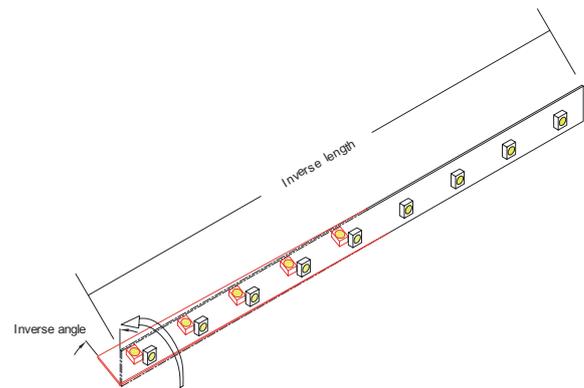
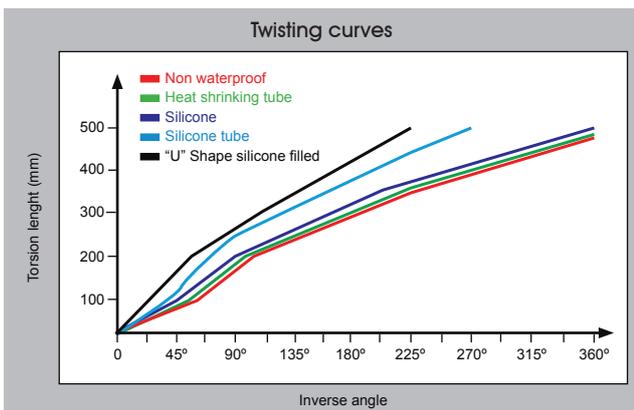
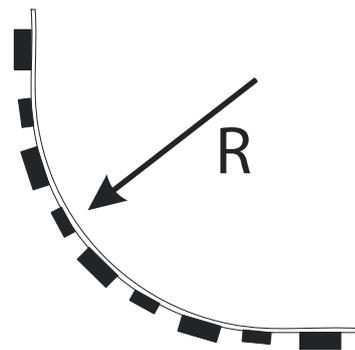
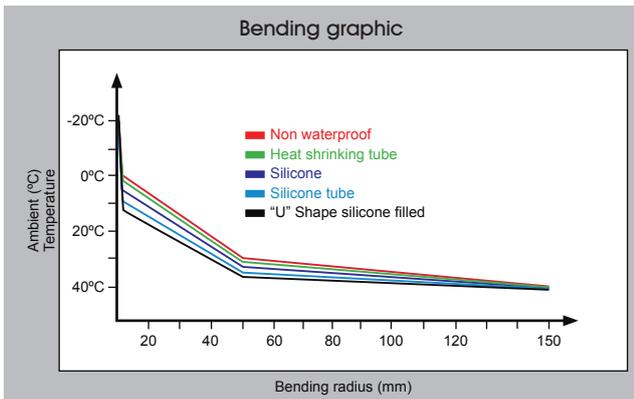
50m

50 length models are available under request.  
Contact to our Sales Department.

Specific parameters

Reference	Waterproof materials	Size (mm)	Angle	Connections	Fixing mode	IP rate	Working temperature (°C)
FU-BLF-020L-RGB-X	Non waterproof	10x1.25	120°	RGB wire	Adhesive 3M VHB	IP 20	-20°C ~ 50
FU-BLF-020L-RGB-WX	Silicone extruded tube	12x4	120°	5,5mm DC RGB connector	Adhesive 3M VHB	IP 67	-20°C ~ 50

Bending grades



Reference point: strip bending at 0°C.

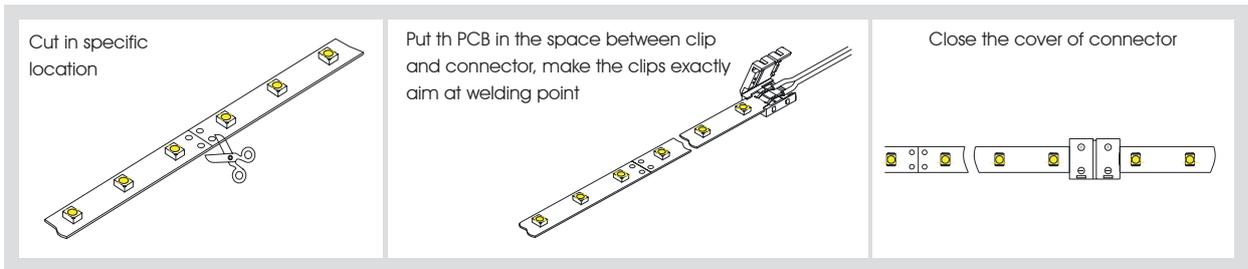
**NON WATERPROOF MODEL**

Features

- IP20 easier assembling 3M VHB.
- Small in size, light in weight, flexible.



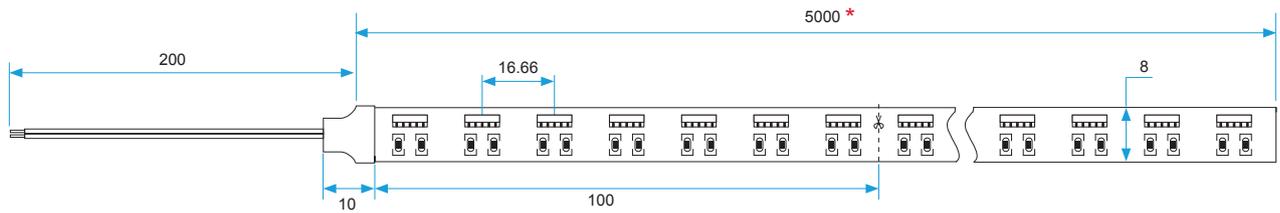
Operation specification



Product size

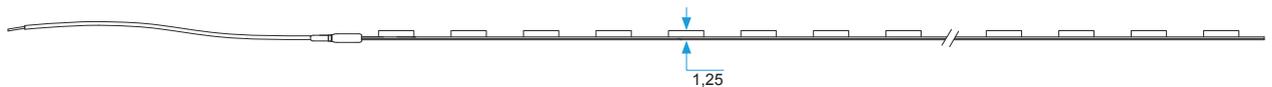
Front view

Units: mm



Side view

Units: mm



\* 25 length models are available for references FU-BLF-020L-RGBX/25.  
50 length models are available for references FU-BLF-020L-RGBX/50.

**WATERPROOF MODEL**

**Features**

- IP67 Rating with high performance molded silicone.
- High temperature, maximum flexibility, anti-UV, non toxic and improved optical transmittance >92%
- **New waterproof molded silicone system** to avoid CCT (color temperature) value modifications. Improved soldering pads in every cutting areas.



**Optional accessories**

Silicone caps



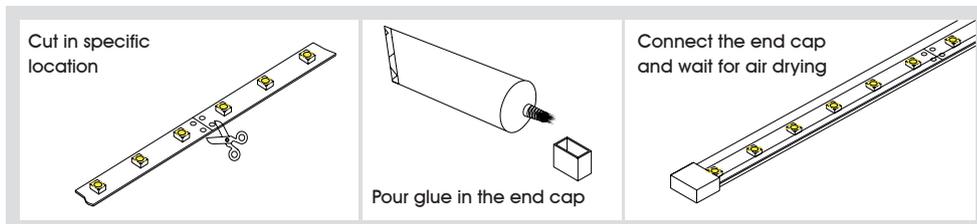
Male-female DC connectors



Silicone gel tube



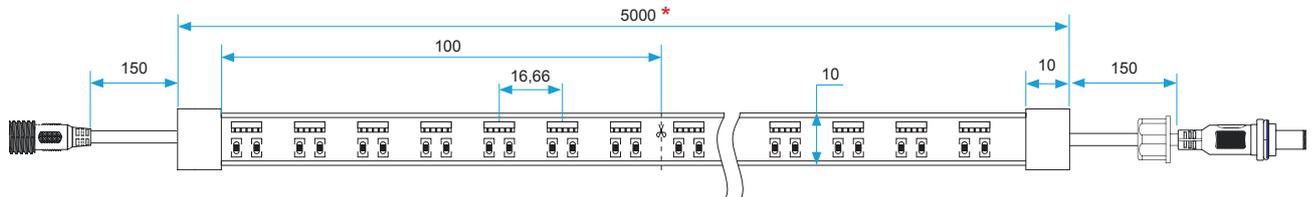
**Handling**



**Product size**

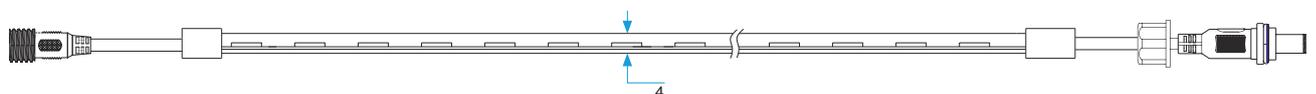
Front view

Units: mm



Side view

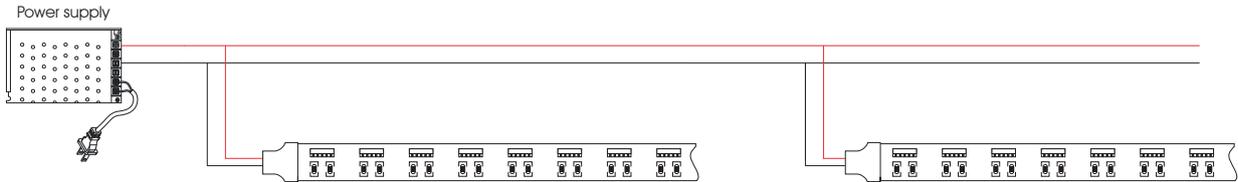
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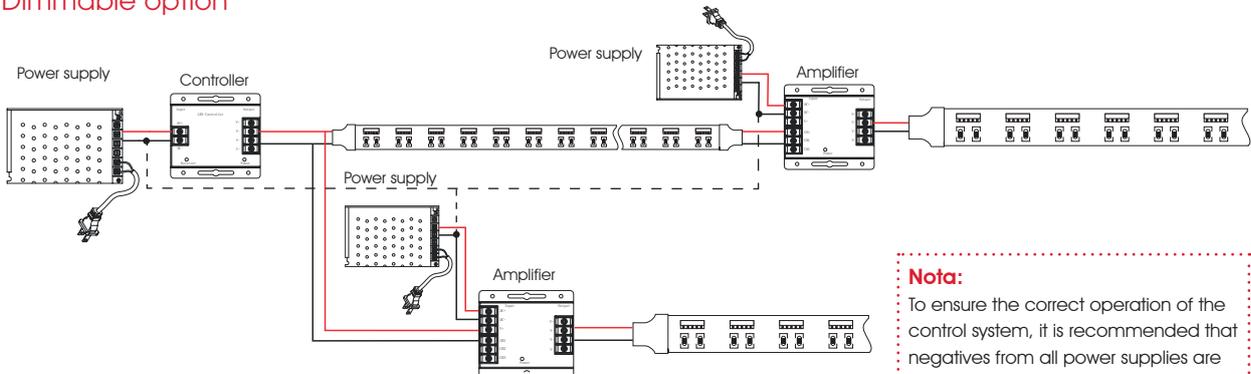
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50 length models are available for references FU-BLF-020L-RGBWX/50.

**CONNECTION DIAGRAMS**

Non dimmable option



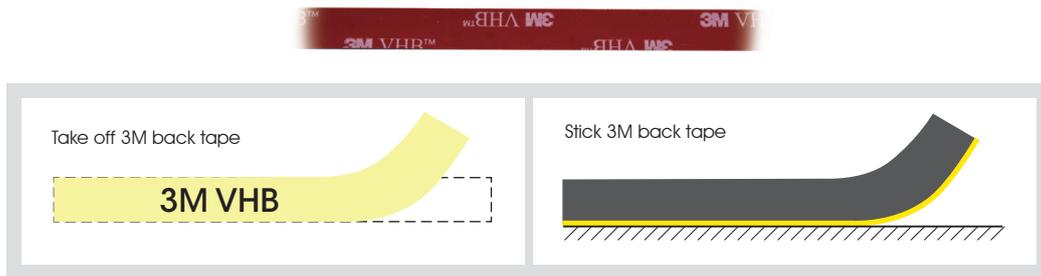
Dimmable option



**Nota:**  
To ensure the correct operation of the control system, it is recommended that negatives from all power supplies are connected together.

**INSTALLATION**

Adhesive 3M VHB



**PACKAGING**

