

WARRIOR SERIES

2216 300LEDs/m 8W/m

High
Efficiency

120
LM/W

1LED
CUT

24VDC

PCB
6MM

5M
REEL



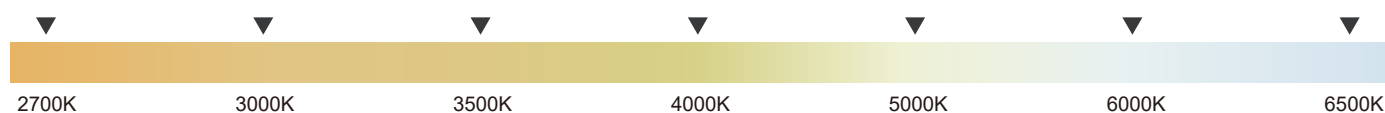
RS-WR2216HE-24V-300D-06-20



Product Features

1. Mini cutting design, PCB width only 6mm. 1 LED per cut, only 3.33mm.
2. High efficiency design, up to 120LM/W.
3. Pass new ERP (EU) 2019/2020 regulation, Eco design compliant.
4. Special PCB circuit design, with better anti-folding & anti damage capacity.
5. Warranty: 3 years.

CCT Option

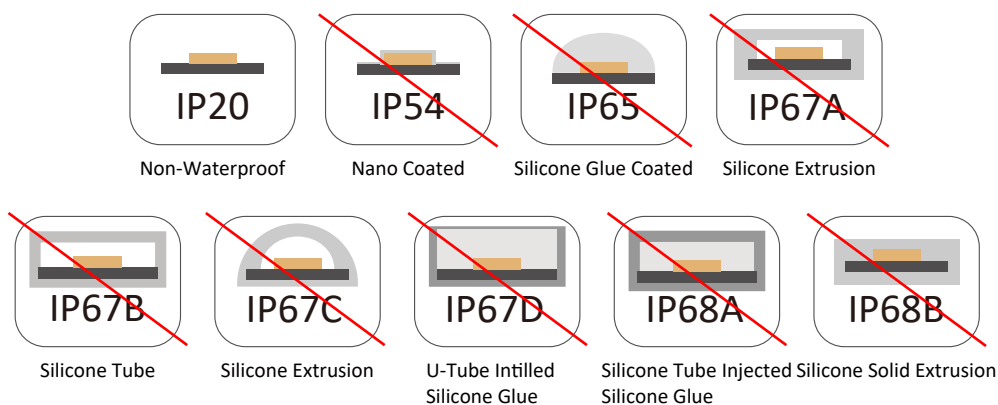


Lighting Effect

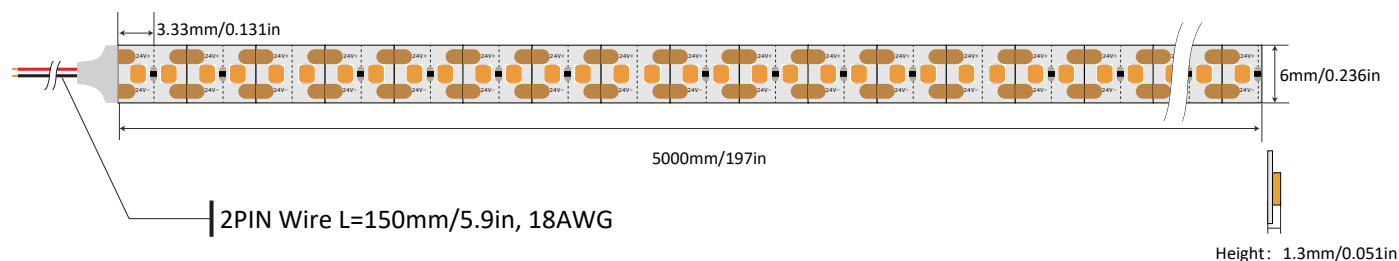


Lighting Effect

IP Rating Option



Dimension(mm/inch)



Length/Reel	Width	Height	LED Spacing	Min. Cutting
5000mm/197in	6mm/0.236in	1.3mm/0.051in	3.33mm/0.131in	Every 3.33mm/0.131in (1LED)

Note:

Led strip length tolerance is $\pm 10\text{MM}$ based on 5M/roll, IP20 & IP54.

Data

Part Number	Working Voltage	Power	Current	LED Qty	CRI
RS-WR2216HE-24V-300D-06-20	24V	8W/m	0.324A/m	300LED/m	90+
		2.44W/ft	0.099A/ft	≈91LEDs/ft	

CCT (°K)	Luminous Efficiency	lumen	Maximum Length
2700K	120lm/W	960lm/m(293lm/ft)	5M(16.4ft)
3000K	120lm/W	960lm/m(293lm/ft)	5M(16.4ft)
4000K	126lm/W	982lm/m(299lm/ft)	5M(16.4ft)
6000K	126lm/W	982lm/m(299lm/ft)	5M(16.4ft)
Red/Green/Blue	/	/	/
1800K-2500K	/	/	/

Note:

The data base on IP20.

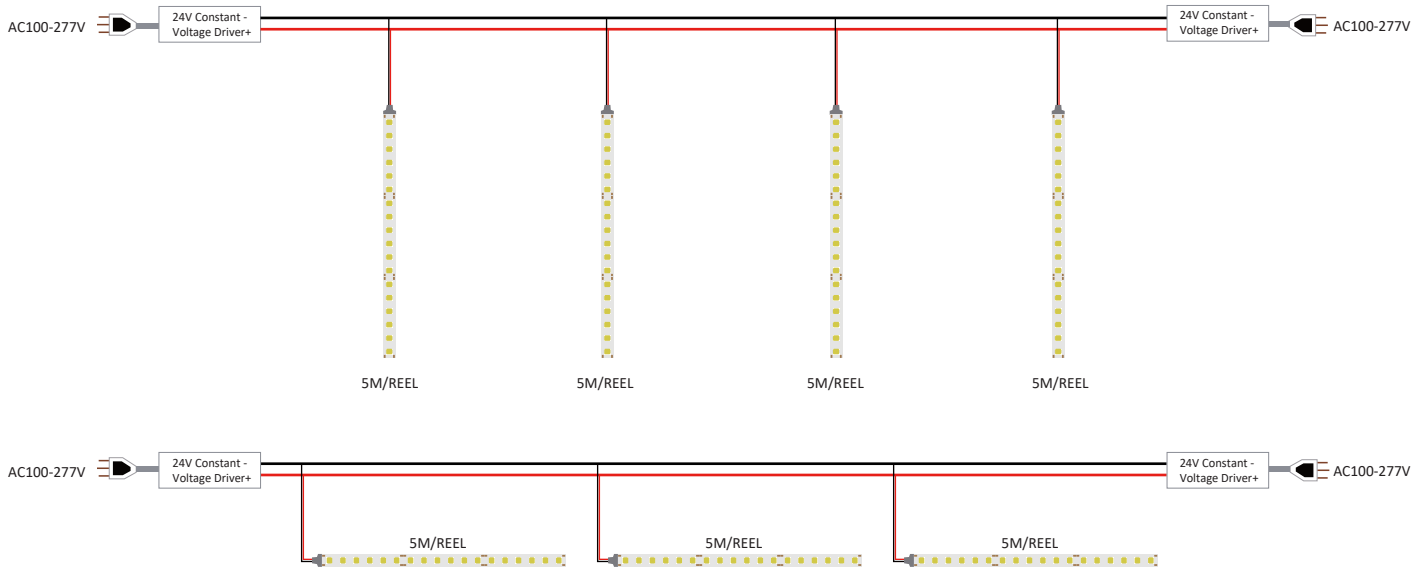
The Lumen output value tolerance is ±5% due to testing way.

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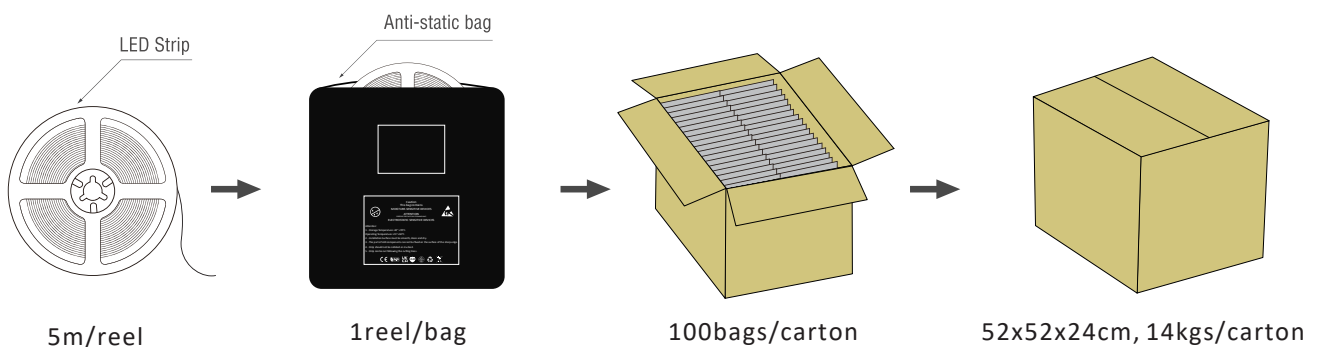
Absolute Maximum Ratings

Parameter	Symbol	Value
Thermal Measurement Point	T _c	80°C/176°F
Operating Temperature	T _{opr}	<80°C/<176°F
Storage Temperature	T _s	-20~+ 60°C/-68~140°F
Number of FPC Connection		

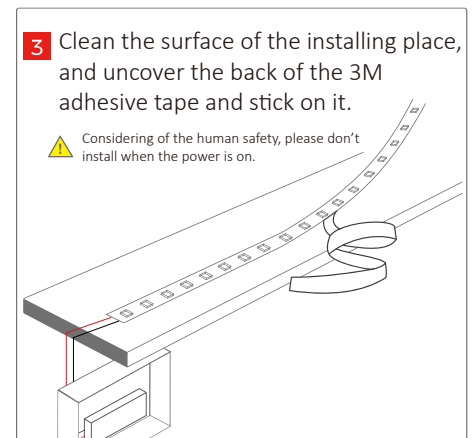
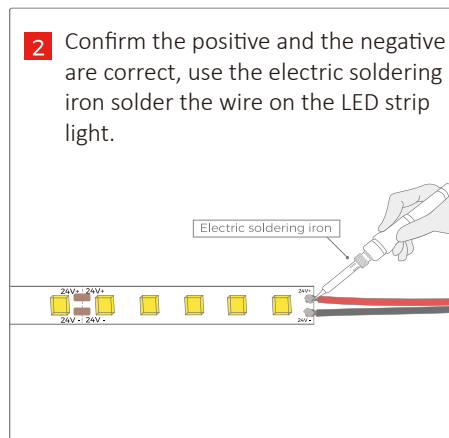
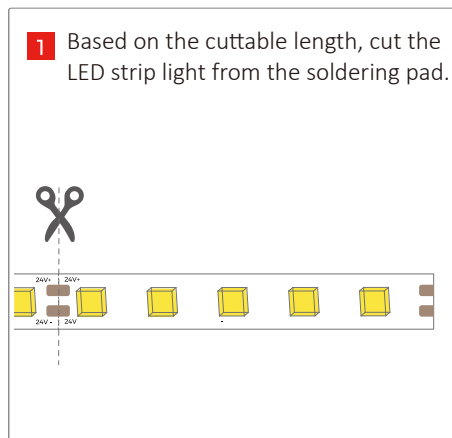
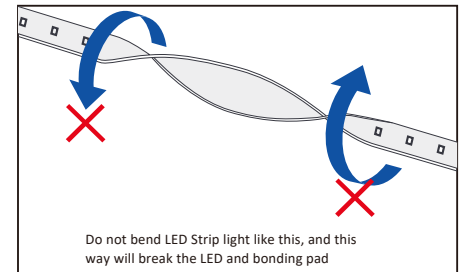
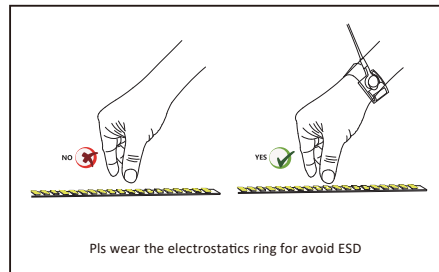
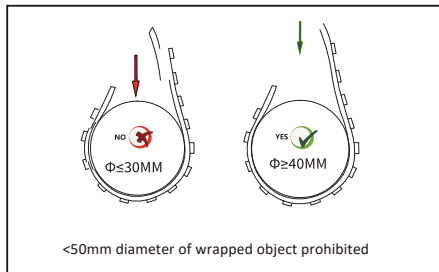
Wiring Diagram Application



Packaging



Cautions



Safety & Disclosures

1. Do not install the led strip in environment where excessive heat may occur.
2. Only use copper wiring. Use wires rated for at least 176°F(80°C) and certified for use with
3. Do not install IP20 LED strip products in outdoor / wet location environments.
4. Excessive handling, bending, and pressure may damage the product, voiding the warranty.
5. Improper wire selection and installation could overheat wires, and cause fire.
6. Do not connect directly to high voltage or AC power.
7. Installation must be in accordance with local and national electrical code regulations.
8. To ensure safety and correct installation, our strips are intended to be installed by a qualified, licensed electrician.