

SPECIFICATION

TYPE	COMFORT WHITE	WARM WHITE	NEUTRAL WHITE	COOL WHITE
Colour Temperature	2700 ± 150K	3200 ± 150K	4500 ± 200K	5700 ± 250K
LED Lumen Output	1200lm	1220lm	1260lm	1260lm
System Luminous Efficiency ¹	120lm/W	122 lm/W	126 lm/W	126 lm/W
Typical CRI	80			
Number of LEDs	120			
Viewing Angle	120°			
Wattage	10W			
Input Voltage	12V or 24V DC			
LED Working Current	30mA			
Dimensions	500 x 9,9mm			
Operating Temperature	-20 ° C - +40 ° C			
Tc ²	70 ° C			
PCB type	FR4			
Lifetime ³	Up to 50,000 hours @ 25°C room temperature			
Maximum length of connection ⁴	10			
Cutttable	every 6 LEDs (25mm)			
Recommended power supply	Mean Well LPV-XX-24 series			

¹ Source performance in real-life conditions, including driver and utilization losses / initial lumen output tolerance ±10 lm.

² With a heatsink with thermal conductivity at 3.0[W/(m²K)] level.

³ Approximate lifetime of the product while maintaining optimal working conditions.

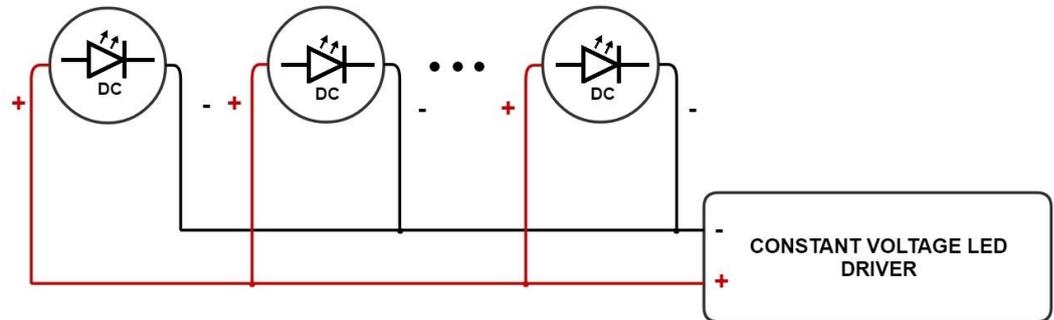
⁴ Using AWG 20 cable, strips close to each other, input voltage on first strip 24V

All the parameters and values mentioned in this specification contain only approximate information and can be not precise.

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CREE 
 LED Solution Provider

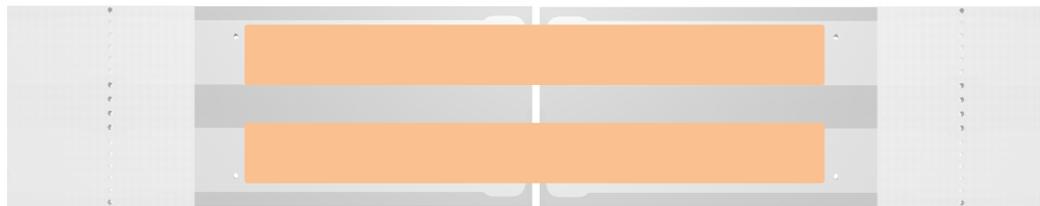
ORDER CODE FORMAT



MODULE CONNECTING

The nStrip120 module on the bottom side have exposed solder-mask areas which allow to easily connect using a copper tape

Bottom View



Module 1

Module 2

ORDER CODE FORMAT

PART NO.	BEAM COLOR	CCT RANGE	LUMINOUS FLUX	TYP. CRI	CONNECTOR
NF-120RW10500SP-3014-VW	Comfort White	2700 ± 150K	600lm	80	None
NF-120RW10500SP-3014-WW	Warm White	3200 ± 150K	610lm	80	None
NF-120RW10500SP-3014-NW	Neutral White	4500 ± 200K	630lm	80	None
NF-120RW10500SP-3014-CW	Cool White	5700 ± 250K	630lm	80	None

ENVIRONMENTAL CAUTION



Caution!

It is prohibited to dispose of obsolete and waste electrical and electronic equipment together with regular household wastes. They should be properly sorted and recycled. Old electrical and electronic equipment should be returned to a waste collection point established by a waste-management service. Waste electrical and electronic equipment can be broken down to base materials and then recycled. For more information regarding waste management please contact your local authorities, waste-management service or the seller of electrical and electronic devices.

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