

WAVE

Bus & Coach Division



UN ECE R10
UN ECE R118

TEKNOWARE WAVE RED, GREEN, BLUE

Flexible LED strip, with fixed colour, specially designed for use in the automotive industry

Wave is our ode to creativity and our gift to design. With Wave, we will free the hands of light designers and make it possible for them to design light like they always wanted to, but couldn't before. Bend it like Beckham. Design it like Alvar Aalto. Make a wave with it. Run free with it. Use it to wow, to comfort, to light the way. Wave is easy to use, install and fix—just remove worn sections and replace with new ones. No need to rewire.

Teknoware Wave is a flexible LED strip that does what our other LED products do, but it's bendable, cuttable, sustainable and versatile. With Wave, lighting can be integrated in interior structures in completely novel ways, while cutting costs, reducing weight and preserving the environment. Wave is specially designed for use in the automotive industry.

FACTS IN BRIEF



FOR AUTOMOTIVES



SUSTAINABLE



VERSATILE



LIGHTWEIGHT



EASY TO INSTALL

Flexible LED strip, Red, Green, Blue

Product information	
Product ID	Red YLN2401R Green YLN2401G Blue YLN2401B
Length	6 000 mm
Min. operating length	200 mm
LED strip cut-off interval	100 mm
Width	10 mm
Fastening	3M 300LSE tape
Material characteristics	
Material of the circuit board	Polyimide
Environmental conditions	
Operating temperature	- 25°C ... + 70°C
Storage	- 40°C ... + 70°C
Electromagnetic compatibility	
	UN ECE R10
Product features	
	<ul style="list-style-type: none"> Protected against reverse input voltage polarity UN ECE R118 approval for circuit board

LED information			
Number of LEDs per metre	60 pcs		
Dominant wavelength	Red 622 nm Green 535 nm Blue 472 nm		
Lumen maintenance	> 30 000 h L70		
Electrical characteristics			
Light input voltage	24 VDC (18–32 VDC)		
Input voltage 24 V		1 m	6 m
	Red	139 mA	871 mA
	Green	106 mA	666 mA
Input current ± 10%		1 m	6 m
	Min.—max. Red	137–141 mA	837–901 mA
	Green	51–110 mA	278–691 mA
	Blue	186–187 mA	1036–1201 mA

Package contents: Cardboard box with 6 m LED strip | LK102 connector | installation instructions | package weight approx. 100 g

Flexible LED strip connectors

Product information		
Item number	LK102	LK103
Type	Strip to wire	Strip to strip
Stripped Wire	5 mm	
Wire gauge	22 AWG-16 AWG / 0.32-1.32 mm ²	N/A
Colour	Transparent	
Dimensions	13.3 x 11.5 x 6.4 mm	14.6 x 11.5 x 6.4 mm
Current	3 A	
Pin quantity	2 pins	
Material	Polycarbonate	

