

## Technical Specifications

	Viper SINGLE	Viper DUAL		
Voltage:	10/30 V	10/30 V		
Consumption (Flash pattern):	0,75 A (12V) 0,45 A (24V)	0,75 A (12V) 0,45 A (24V)		
Operating temperature:	-40°C to 80°C			
Dimensions:	80 x 45 x 118 mm	80 x 45 x 225 mm		
Weight:	CL1	CL2	CL1	CL2
	226 gr	250 gr	323 gr	362 gr
Flash pattern:	7 (single colour) 16 (dual colour)		7	



# NANOLED VIPER Series

Internal warning LED light

## HOW TO ORDER

Select a reference number from the list below:

NanoLED VIPER SINGLE	
2010770	NanoLED VIPER SINGLE, blue LED, clear lens, with flasher, cigarette plug, 10-30V. UN R65 class 1 approved.
2010771	NanoLED VIPER SINGLE, amber LED, class 1, clear lens, cigarette plug, 10-30V. UN R65 class 1 approved.
2010772	NanoLED VIPER SINGLE, red LED, with flasher, clear lens, cigarette plug, 10-30V. UN R65 class 1 approved.
2010773	NanoLED VIPER SINGLE, blue LED, with flasher, clear lens, cigarette plug, 10-30V. UN R65 class 2 approved.
2010774	NanoLED VIPER SINGLE, amber LED, with flasher, clear lens, cigarette plug, 10-30V. UN R65 class 2 approved.
2010775	NanoLED VIPER SINGLE, red LED, with flasher, clear lens, cigarette plug, 10-30V. UN R65 class 2 approved.
2010776	NanoLED VIPER SINGLE, blue-red LED, with flasher, clear lens, cigarette plug, 10-30V. Class 1.
2010777	NanoLED VIPER SINGLE, blue-amber LED, with flasher, clear lens, cigarette plug, 10-30V. Class 1.
2010778	NanoLED VIPER SINGLE, blue-white LED, with flasher, clear lens, cigarette plug, 10-30V. Class 1.
2010779	NanoLED VIPER SINGLE, amber-red LED, with flasher, clear lens, cigarette plug, 10-30V. Class 1.

NanoLED VIPER DUAL	
2010780	NanoLED VIPER DUAL, blue-blue LED, clear lens, with flasher, cigarette plug, 10-30V. UN R65 class 1 approved.
2010781	NanoLED VIPER DUAL, amber-amber LED, clear lens, with flasher, cigarette plug, 10-30V. UN R65 class 1 approved.
2010782	NanoLED VIPER DUAL, red-red LED, clear lens, with flasher, cigarette plug, 10-30V. UN R65 class 1 approved.
2010783	NanoLED VIPER DUAL, blue-blue LED, clear lens, with flasher, cigarette plug, 10-30V. UN R65 class 2 approved.
2010784	NanoLED VIPER DUAL, amber-amber LED, clear lens, with flasher, cigarette plug, 10-30V. UN R65 class 2 approved.
2010785	NanoLED VIPER DUAL, red-red LED, clear lens, with flasher, cigarette plug, 10-30V. UN R65 class 2 approved.
2010786	NanoLED VIPER DUAL, blue-red LED, clear lens, with flasher, cigarette plug, 10-30V. Class 1.
2010787	NanoLED VIPER DUAL, blue-amber LED, clear lens, with flasher, cigarette plug, 10-30V. Class 1.
2010788	NanoLED VIPER DUAL, blue-white LED, clear lens, with flasher, cigarette plug, 10-30V. Class 1.
2010789	NanoLED VIPER DUAL, amber-red LED, clear lens, cigarette plug, 10-30V. Class 1.
2010790	NanoLED VIPER DUAL, blue-red LED, clear lens, with flasher, cigarette plug, 10-30V. Class 2.
2010791	NanoLED VIPER DUAL, blue-amber LED, clear lens, with flasher, cigarette plug, 10-30V. Class 2.
2010792	NanoLED VIPER DUAL, blue-white LED, clear lens, with flasher, cigarette plug, 10-30V. Class 2.
2010793	NanoLED VIPER DUAL, amber-red LED, clear lens, with flasher, cigarette plug, 10-30V. Class 2.

- Contact our Sales Department for further information.



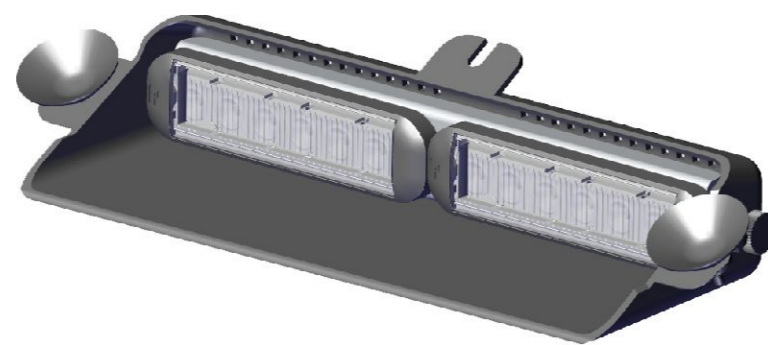
# NanoLED VIPER

Federal Signal Vama presents the NanoLED VIPER, the new internal warning LED lights, with a more compact and renewed design. It is the ideal solution for camouflaged vehicles or reinforce the lighting on emergency vehicles, increasing the efficiency of emergency signaling, when combined with the lightbars.

The NanoLED VIPER incorporate 6 LED lights (SINGLE version) or 12 LED lights (DUAL version), providing higher light intensity and improving energy efficiency. Its range includes single color and dual color lights, as well as R65 class 1 and class 2 models.

## NanoLED Viper SINGLE

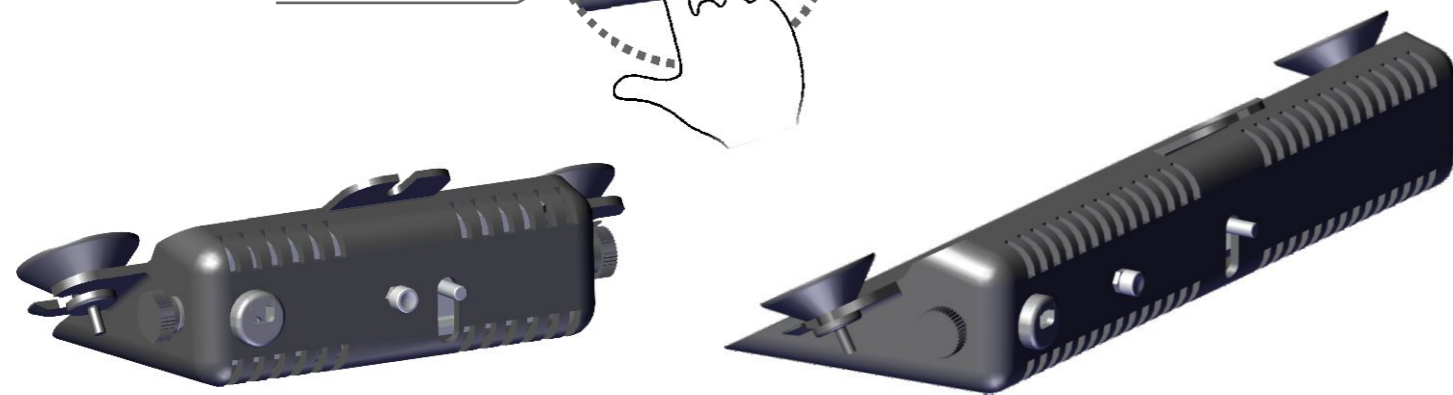
## NanoLED Viper DUAL



Rounded an easy removed frame in order to direct the beam light and protect inside vehicle from flashes.

Flash patterns selection button.







Lever to orient the light of the NanoLED VIPER.



Cigarette plug for an instantaneous installation.

Available colours:



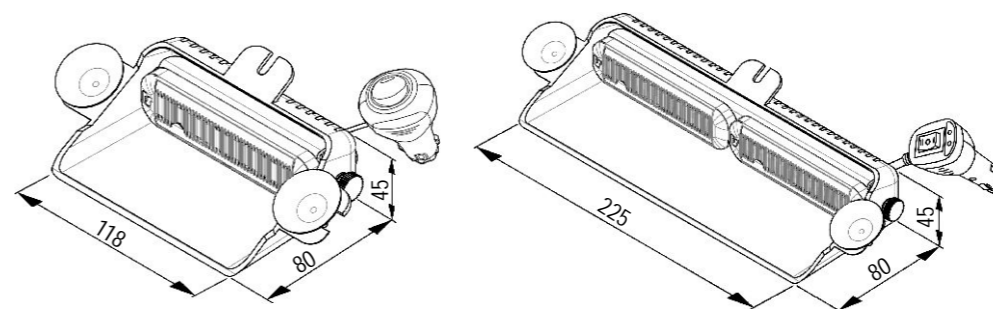
-  SINGLE COLOUR OR DUAL COLOUR: Its range includes single colour or dual colour lights.
-  ORIENTATION OF THE LIGHT: It includes a lever to orient the light, allowing to be installed in any vehicle.
-  COMPACT: More compact and lighter (SINGLE: 80 x 45 x 118 mm; DUAL: 80 x 45 x 225 mm).
-  MULTITENSION: The NanoLED VIPER can be connected in 10-30V.
-  USER FRIENDLY: Plug & Play connection, through cigarette plug with a 2,7 m cable. Flash patterns could be changed just pushing a button.
-  HIGH INTENSITY: The LED lights included improve energy efficiency and light intensity, providing more security in vehicles when there is an emergency situation.

## NanoLED VIPER SINGLE

## NanoLED VIPER DUAL



NanoLED VIPER Single & Dual dimensions in mm.



Installation of NanoLed VIPER with suction cups on the glass.