



# WARNING LIGHTS



Federal Signal Vama presents its new **CO-220** strobe head with telescopic pole mount, ideal for priority warning on motorcycles. It may also be used on slow vehicles, lorries and for other applications that require a raised omnidirectional light. Versions are available with and without cruise light and with different-coloured lenses (blue, amber, red and green).

The omnidirectional head is designed to insulate the head from vehicle vibration by means of a flexible joint between the pole and the head. The whole optical system is mounted on a rigid plastic base that, in turn, is assembled on another rubber base, fixed firmly to the pole by a stainless steel clamp.

Its xenon lamp light source uses a double-lens system. On the exterior, a plain lens protects the unit. An aluminium heat sink in the upper part of the unit prevents excess temperature inside. It has a second open-top Fresnel lens for horizontal light emission, in accordance with that established in the R65 regulation.

The telescopic pole upon which the head is mounted is made of three anodised black aluminium tube sections with the spiral connection cable inside. A special model with only two tube sections is available (model CO-221).

The exterior lens is mounted on the base by turning once and with a safety screw. When this is removed, the lens, connected to the Fresnel lens, may be disassembled. The strobe lamp can then be taken apart.

## QUICK REFERENCE

### FEATURES

- Strobe head with telescopic pole mount.
- Ideal for motorcycle warning.
- Xenon lamp.
- Double lens system.
- Lenses available in blue, amber, red and green.
- Standard 3-section telescopic pole (CO-220) and special 2-section (CO-221) version.
- Cruise light versions.
- Models with additional shielding available for total suppression of radio-interference.

### APPROVALS

- The blue and amber CO-220 strobe head versions are approved in accordance with European Regulation R65 and the European Directive on Electromagnetic Compatibility 95/54/EC.

### OPTIONAL ACCESSORIES

- **BA-6** shock-absorber mount kit for CO-220 and CO-221 poles.

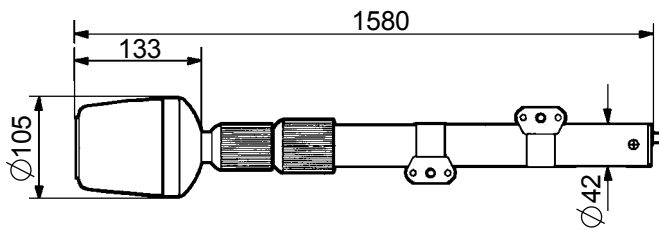
### APPLICATIONS

- Priority motorcycle warning.
- Slow vehicles, lorries, etc.



# CO-220 STROBE HEAD WITH TELESCOPIC POLE

For standard mounting on the vehicle, the head comes with a kit with two metal assembly clamps to hold the pole tight and screw onto a support. The **BA-6** (shock-absorber mount kit for CO-220 or CO-221 telescopic poles) is recommended for applications in which high vibration levels are envisaged, such as on four-wheel-drive vehicles or motorcycles which are to be ridden on defective road surfaces.



SPECIFICATIONS	
<i>(Tested with FA-520)</i>	
Average consumption	5.4 A
Flash frequency	120 flashes per minute
Main flash energy	17.3 J
Secondary flash energy	5.6 J
Effective candela (0°)	Blue Amber
	100 cd 225 cd
Halogen cruise light	12 V 5 W GH125
Dimensions. Head	Ømax:105mm Ømin:89mm Height:133
Pole diameter	42 mm
Unextended length (3 sections)	645 mm
Unextended length (2 sections)	550 mm
Extended length (3 sections)	1,585 mm
Extended length (2 sections)	830 mm
Weight	3 sections 2 sections
	1,445 gr 1,105 gr

## HOW TO ORDER:

1. Select the 3-section (CO-220) or 2-section (CO-221) model of strobe head with telescopic pole.

**CO-220HL** Head with double lens, on a 3-section telescopic pole, cruise light and 2 mounting clamps, officially certified in accordance with R65.

**CO-220/C** Head with double lens, on a 3-section telescopic pole, cruise light and 2 mounting clamps.

**CO-221HL/C** Head with double lens, on a 2-section telescopic pole, cruise light and 2 mounting clamps, officially certified in accordance with R65 (available in blue only).

2. Select a lens colour: blue, amber, red or green.

3. Select an optional accessory:

**BA-6** Shock-absorber mount kit for poles CO-220 or CO-221 (ref. 8216098).

Power source depends on the other light items to be installed: consult the motorcycle signalling catalogue.

**FA-520/M 3S** Dual voltage for motorcycle (ref. 2004039).

**FA-535/4D-12V** (ref.2004067).



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UNE-EN ISO 9001

ER-0393/1/00