

# Signalling solutions

## Monolithic tower lights

### Harmony type XVG Ø 60 mm

#### Pre-assembled and pre-cabled tower lights

#### Presentation

The monolithic tower lights in the Harmony XVG range are designed for long distance indication of the operating states or sequences of a machine or installation, either visually by means of illuminated signalling units visible through 360°, or audibly by means of a buzzer.

■ The range involves Ø 60mm products and is therefore ideal for use in many activity sectors, including metal tools, plastic extrusion machines, SMT, textiles, packaging, baggage handling and assembly lines. This range is only for indoor applications.

■ XVG tower lights are supplied:

- with 2, 3 or 4 illuminated signalling units, coloured LEDs and clear lenses (1),
- with or without a buzzer,
- pre-assembled and pre-cabled,
- fitted with one of the following mounting options:
  - base mounting (IP 53 and IP 42),
  - direct aluminium tube mounting (IP 23),
  - aluminium tube mounting and "L" bracket (IP 23),
  - aluminium tube mounting and fixing plate (IP 53 and IP 42),
  - aluminium tube mounting and foldable bracket (IP 40).

#### Illuminated signalling

The light source consists of coloured LEDs completed with a clear lense to provide aesthetics look and reliable signalling (clear lenses help to avoid colour reflectance in bright environments). When LEDs are not powered, the tower lights appear translucent. The colours are always placed in the standard industry order, from top to bottom.

#### Audible signalling

The tower light is supplied with or without an audible signalling unit (buzzer with continuous signal) depending on the required configuration. This audible unit is located in the base of the tower light.

#### Cabling

XVG tower lights supplied pre-assembled are equipped with wires marked with a label indicating the correct way to connect. Each level is marked by a different coloured wire.

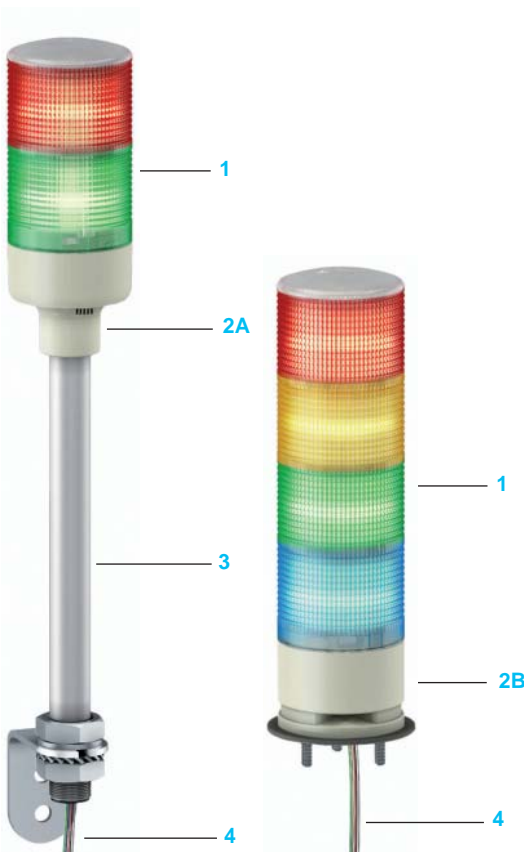
XVG tower lights that have been pre-assembled and pre-cabled at the factory cannot be modified because the wires are permanently connected (soldered).

#### Description

XVG monolithic tower lights are comprised of:

- 1 Two, three or four coloured illuminated signalling units (red, amber, green or blue). Each XVG tower light is equipped with coloured LEDs and a clear lens molded from a single piece of clear plastic. The colours are only visible when the LEDs are supplied (voltage: 24 V A.C.) (1).
- 2 A base mounted on the support tube 2A or a base fitted with 3 screws 2B for direct mounting on a horizontal surface (depending on the model).
- 3 An aluminium support tube completed with a fixing plate or a foldable bracket (for mounting on a horizontal support) or with an L-bracket (for mounting on a vertical support).
- 4 Marked wires, with projecting length of 500 to 560 mm for all tower lights with tube mounting (depending on the model) and 900 mm for base mounting model.

(1) Tower lights on this page are shown with LEDs on.



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#### Pre-assembled and pre-cabled tower lights



#### Pre-assembled and pre-cabled tower lights ≈ 24 V, Ø 60 mm

Description	Light source (included)	Degree of protection	Signalling colours (1)	Reference	Weight kg
<b>With base mounting</b>					
Without buzzer	LED for steady light	IP 53	Red, Green	XVG B2W	0.200
			Red, Amber, Green	XVG B3W	0.240
			Red, Amber, Green, Blue	XVG B4W	0.280
With buzzer	LED for steady light	IP 42	Red, Green	XVG B2SW	0.210
			Red, Amber, Green	XVG B3SW	0.250
			Red, Amber, Green, Blue	XVG B4SW	0.290
<b>With direct aluminium tube mounting</b>					
Without buzzer	LED for steady light	IP 23	Red, Green	XVG B2T	0.350
			Red, Amber, Green	XVG B3T	0.390
			Red, Amber, Green, Blue	XVG B4T	0.430
With buzzer	LED for steady light	IP 23	Red, Green	XVG B2ST	0.360
			Red, Amber, Green	XVG B3ST	0.400
			Red, Amber, Green, Blue	XVG B4ST	0.440
<b>With aluminium tube mounting and L-bracket</b>					
Without buzzer	LED for steady light	IP 23	Red, Green	XVG B2	0.420
			Red, Amber, Green	XVG B3	0.460
			Red, Amber, Green, Blue	XVG B4	0.500
With buzzer	LED for steady light	IP 23	Red, Green	XVG B2S	0.430
			Red, Amber, Green	XVG B3S	0.470
			Red, Amber, Green, Blue	XVG B4S	0.510
<b>With aluminium tube mounting and fixing plate</b>					
Without buzzer	LED for steady light	IP 53	Red, Green	XVG B2H	0.320
			Red, Amber, Green	XVG B3H	0.360
			Red, Amber, Green, Blue	XVG B4H	0.400
With buzzer	LED for steady light	IP 42	Red, Green	XVG B2SH	0.330
			Red, Amber, Green	XVG B3SH	0.370
			Red, Amber, Green, Blue	XVG B4SH	0.410
<b>With aluminium tube mounting and foldable bracket</b>					
Without buzzer	LED for steady light	IP 40	Red, Green	XVG B2M	0.360
			Red, Amber, Green	XVG B3M	0.400
			Red, Amber, Green, Blue	XVG B4M	0.440
With buzzer	LED for steady light	IP 40	Red, Green	XVG B2SM	0.370
			Red, Amber, Green	XVG B3SM	0.410
			Red, Amber, Green, Blue	XVG B4SM	0.450

#### Accessories

Description	For use with	Reference	Weight kg
Folding mounting bracket for support tube mounting	XVG B●H, XVG B●SH	XVG Z02	0.090
Wall mounting bracket	XVG B●T, XVG B●ST	XVG Z02W	0.130

(1) The colours are listed in the same order as the mounting order of the illuminated units (from top to bottom).

**Other versions** Tower lights with other diameters (ranging from 40 mm to 100 mm) are available in other ranges. Please consult Schneider Electric website.



More technical information on Schneider Electric website