



# Vivara – economical bollard

## Vivara

Vivara is an economical, vandal-resistant 'green' bollard range for ground-mounting applications. It comes in a choice of two sizes, both available with Fortimo LED and a variety of discharge and incandescent or compact fluorescent lamps, and both PVC- and mercury-free. The internal louver ensures glare-free light distribution. Special screws have been used to prevent vandalism; however installation could not be simpler, as everything you need is in the box!

### Benefits

- Robust and reliable
- Wide choice of energy-efficient light sources
- Green product: PVC- and mercury-free

### Features

- Economical, vandal-resistant bollard for ground- or wall-mounting applications
- Glare-free light distribution thanks to internal louvre and tinted transparent diffuser
- Easy installation
- Available in LED, CDO/SON, Tornado High Lumen and E27

### Application

- Urban and pedestrian areas
- Promenades
- City centres
- Squares
- Parks

### Specifications

<b>Type</b>	HGC136 (low version)
	HGC137 (high version)
	HWC138 (wall version)
<b>Light source</b>	HGC136/137
	HID:
	- 1 x SON-I / 70 W
	Incandescent or fluorescent (integrated):
	- 1 x E27 / max. 75 W
	- 1 x MASTER PL-Electronic Polar E27 / max. 23 W
	HWC138
	Incandescent or fluorescent (integrated):
	- 1 x E27 / max. 75 W
	- 1 x MASTER PL-Electronic Polar E27 / max. 23 W
<b>Lamp included</b>	No

## Dimensional drawing

### Vivara HGC136

General Information	
Cap-Base	E27
CE mark	CE mark
Color	Black
Flammability mark	F
Gear	CONV
Lamp family code	SON/CDO
Lamp power	70

### General Information

order code	Product Family Code
910503676418	HGC136

### Vivara HGC136

<b>Materials and finishing</b>	Optical unit: polycarbonate, UV-stabilized
	Diffuser: polycarbonate
	Internal louver: aluminum, white painted
	Gear tray: reinforced polypropylene
	Column: extruded PVC
	Fixation anchors: zinc-coated steel
<b>Installation</b>	Black polyurethane finish
	HGC136/137: on a mounting flange with four anchor bolts (to be cast in concrete base)
	HGC138: on a wall bracket fixed with four screws
	All necessary fixation parts are included
<b>Main applications</b>	Urban and pedestrian areas, promenades, city centers, squares, parks

