



# 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 louver and tinted transparent diffuser
- Easy installation – everything you need is in the box!
- Available in LED, CDO/SON, Tornado High Lumen and E27

### Application

- Urban and pedestrian areas
- Promenades
- City centers
- 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

<b>Materials and finishing</b>	Optical unit: polycarbonate, UV-stabilized
	Diffuser: polycarbonate
	Internal louver: aluminum, white painted
	Gear tray: reinforced polypropylene
	Column: extruded PVC
<b>Installation</b>	Fixation anchors: zinc-coated steel
	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

## Versions



Vivara HGC136 bollard, low version



Vivara HGC137 bollard, high version

General Information	
Cap-Base	E27
CE mark	CE mark
Flammability mark	F

## General Information

Order Code	Full Product Name	Light source colour	Gear	Lamp family code	Lamp power	Product Family Code
89289100	HGC136 MAX75W-E27 GN	-	-	-	-	HGC136
89290700	HGC136 TORN60W/827 K GN	827 warm white	-	TORN	60 W	HGC136
89291400	HGC136 CDO/SON-70W GN	-	CONV	SON/CDO	70 W	HGC136
89292100	HGC136 MAX75W-E27 BK	-	-	-	-	HGC136
89294500	HGC136 CDO/SON-70W BK	-	CONV	SON/CDO	70 W	HGC136
89298300	HGC137 MAX75W-E27 BK	-	-	-	-	HGC137
89299000	HGC137 TORN60W/827 K BK	827 warm white	-	TORN	60 W	HGC137
89300300	HGC137 CDO/SON-70W BK	-	CONV	SON/CDO	70 W	HGC137

## Mechanical and Housing

Order Code	Full Product Name	Colour
89289100	HGC136 MAX75W-E27 GN	Green

Order Code	Full Product Name	Colour
89290700	HGC136 TORN60W/827 K GN	Green

Order Code	Full Product Name	Colour
89291400	HGC136 CDO/SON-70W GN	Green
89292100	HGC136 MAX75W-E27 BK	Black
89294500	HGC136 CDO/SON-70W BK	Black

Order Code	Full Product Name	Colour
89298300	HGC137 MAX75W-E27 BK	Black
89299000	HGC137 TORN60W/827 K BK	Black
89300300	HGC137 CDO/SON-70W BK	Black

