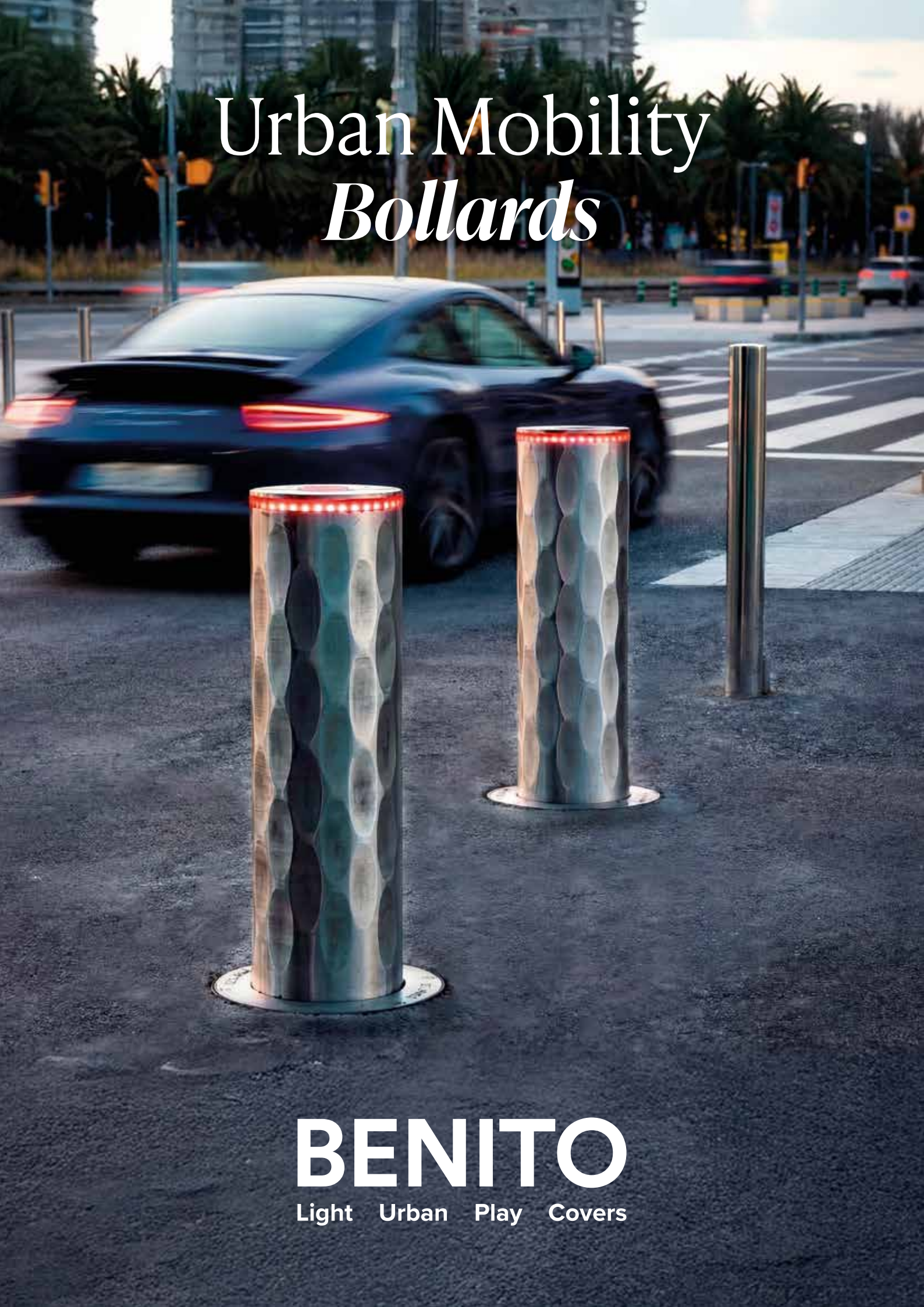
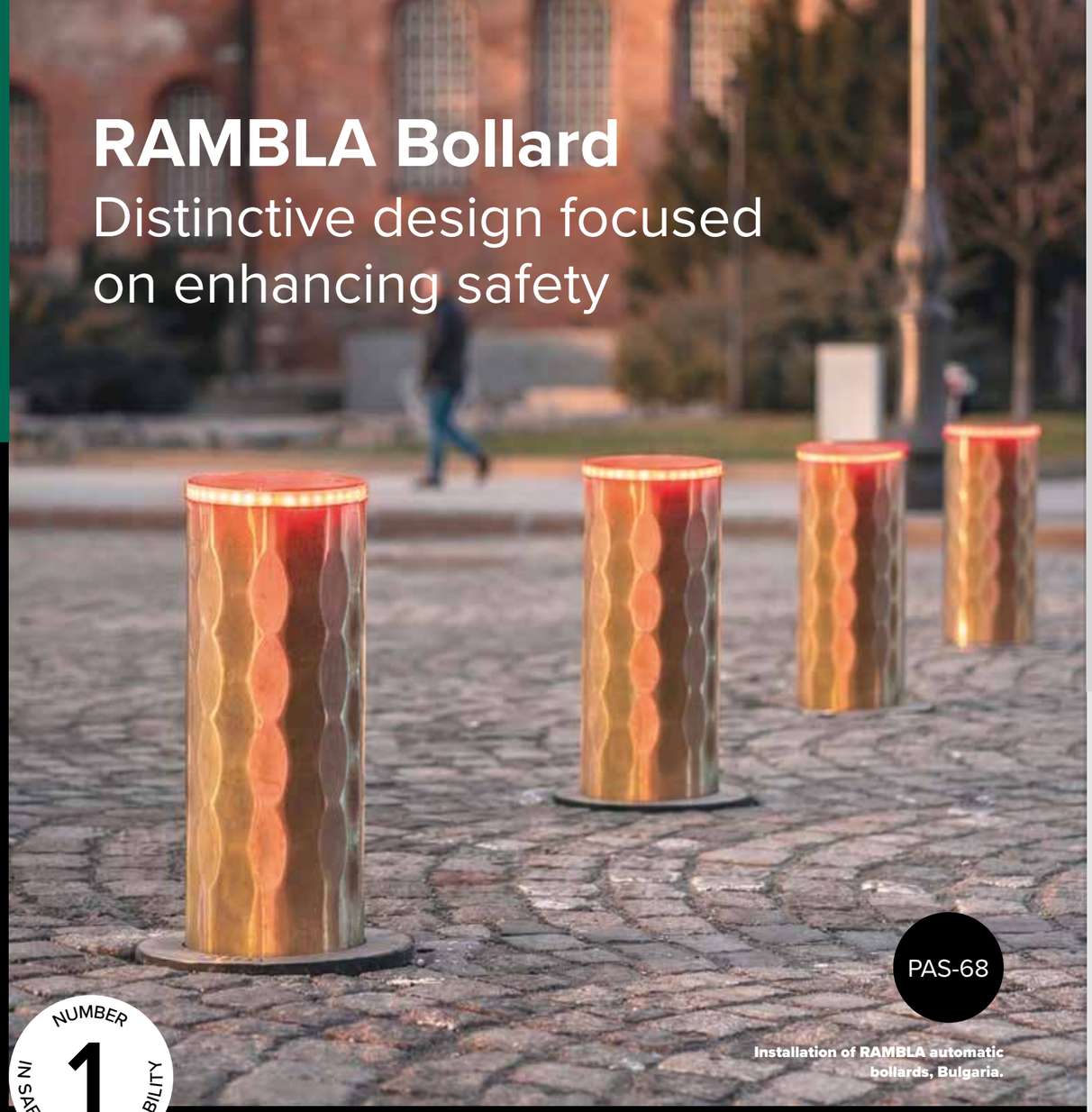

Urban Mobility
Bollards
BENITO
Light Urban Play Covers



RAMBLA Bollard

Distinctive design focused on enhancing safety

PAS-68

Installation of RAMBLA automatic bollards, Bulgaria.

NUMBER 1 IN SAFETY AND RELIABILITY

Unique, design-forward option (wave reflectance effect)

Operates via remote control, adaptable to other systems (license plate reader, card, keypad with code, etc.).

Electronic components are positioned at the top of the cylinder for improved insulation against water accumulation.

APPLUS impact certification in accordance with PAS 68

Equipped with an LED lighting crown with traffic light functionality.

Guide-free configuration to withstand minor impacts and prevent obstructions caused by dirt buildup.

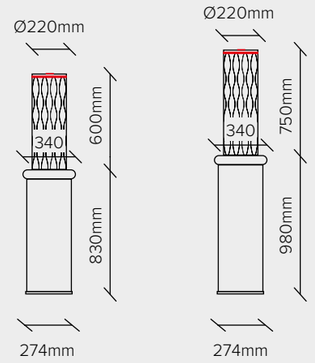
Optional: Immediate safety response for vehicles when the magnetic loop detects a car, motorcycle, etc., the bollard automatically lowers.

In the case of people or other obstacles, a pressure sensor will lower the bollard at the slightest sign of impact.

Automatic Bollard, RAMBLA

Equipped with remote control and LED lighting crown, ø220mm Height 600mm or 750mm.





Red light
→ Raised Bollard

Green light
→ Lowered Bollard



		RAMBLA 600 H6008R Automatic Bollard	**RAMBLA 750** H7508R Automatic Bollard
DIMENSIONS AND MATERIALS	HEIGHT FROM GROUND LEVEL	600MM	750MM
	BOLLARD DIAMETER	Ø220MM	Ø220MM
	CASING DIMENSIONS	340X340X830MM	340X340X980MM
	BOLLARD THICKNESS	**8MM**	**8MM**
	BOLLARD MATERIAL	STAINLESS STEEL	STAINLESS STEEL
	BOLLARD FINISH	SATIN AISI 304	SATIN AISI 304
FEATURES	VOLTAGE	230V 50Hz	230V 50Hz
	POWER CONSUMPTION	700W	700W
	MOTOR POWER	300W (3.000RPM)	300W (3.000RPM)
FUNCTIONAL PERFORMANCE	SPEED	90MM/S - 130MM/S	90MM/S - 130MM/S
	TEMPERATURE RANGE	-20°C TO +80°C	-20°C TO +80°C
	PROTECTION RATING	IP67	IP67
	RISING FORCE	1,400NW	1,400NW
	RISING TIME	3-4 SECONDS	3-4 SECONDS
	LOWERING TIME	3-4 SECONDS	3-4 SECONDS
	CONTROL BOARD	BC20	BC20
	IMPACT RESISTANCE	**250,000 JOULES**	**250,000 JOULES**
	LIGHT CROWN	Yes, LED RGB	Yes, LED RGB
	STOPLIGHT FUNCTION	Yes	Yes
ADDITIONAL FEATURES	REFLECTIVE BAND	OPTIONAL	OPTIONAL
	PEOPLE AND OBJECT SAFETY	OPTIONAL	OPTIONAL

Other selection of complementary products



RAMBLA Semi-automatic telescopic bollard H2208H75R



PETRUS Bollard H374



HFLEX Flexible Bollard HFLEXLEDSOL



HOSPITALET DURABLE Semi-flexible Bollard H214F



PLAZA Bollard
The ultimate functional model

NUMBER 1 IN EFFICIENCY

PAS-68

Installation of automatic bollards H6008, Bulgaria.

Operates via remote control, adaptable to other systems (license plate reader, card, keypad with code, etc.).

With LED crown light, stoplight function.

Electronic components in the upper part of the plunger for greater isolation from water accumulations.

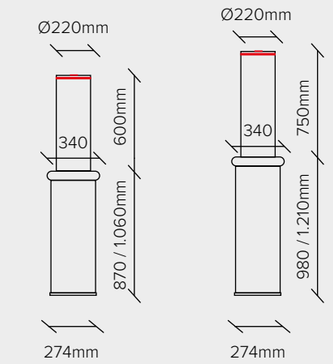
Guide-free configuration to withstand small impacts and avoid clogging caused by dirt accumulation.

APPLUS impact certification in accordance with PAS 68

Automatic Bollard, PLAZA

Equipped with remote control and LED lighting crown, ø220 Height 600mm or 750mm.





H6008 / H6013 | H7508 / H7513

Red light
→ Raised Bollard

Green light
→ Lowered Bollard



		PLAZA H6008 Automatic Bollard	**PLAZA** H60013 Automatic Bollard	**PLAZA** H7508 Automatic Bollard	**PLAZA** H75013 Automatic Bollard
DIMENSIONS AND MATERIALS	HEIGHT FROM GROUND LEVEL	600MM	600MM	600MM	600MM
	BOLLARD DIAMETER	Ø220MM	Ø220MM	Ø220MM	Ø220MM
	CASING DIMENSIONS	340X340X830MM	340X340X1060MM	340X340X980MM	340X340X1210MM
	BOLLARD THICKNESS	**8MM**	**13MM**	**8MM**	**13MM**
	BOLLARD MATERIAL	STAINLESS STEEL	STAINLESS STEEL	STAINLESS STEEL	STAINLESS STEEL
	BOLLARD FINISH	SATIN AISI 304	SATIN AISI 304	SATIN AISI 304	SATIN AISI 304
FEATURES	VOLTAGE	230V 50Hz	230V 50Hz	230V 50Hz	230V 50Hz
	POWER CONSUMPTION	700W	700W	700W	700W
	MOTOR POWER	300W (3.000RPM)	300W (3.000RPM)	300W (3.000RPM)	300W (3.000RPM)
FUNCTIONAL PERFORMANCE	SPEED	90MM/S - 130MM/S	90MM/S - 130MM/S	90MM/S - 130MM/S	90MM/S - 130MM/S
	TEMPERATURE RANGE	-20°C TO +80°C	-20°C TO +80°C	-20°C TO +80°C	-20°C TO +80°C
	PROTECTION RATING	IP67	IP67	IP67	IP67
	RISING FORCE	1,400NW	1,400NW	1,400NW	1,400NW
	RISING TIME	3-4 SECONDS	3-4 SECONDS	3-4 SECONDS	4 SECONDS
	LOWERING TIME	3-4 SECONDS	3-4 SECONDS	3-4 SECONDS	4 SECONDS
	CONTROL BOARD	BC20	BC20	BC20	BC20
	IMPACT RESISTANCE	**250,000 JOULES**	**750,000 JOULES**	**250,000 JOULES**	**750,000 JOULES**
	LIGHT CROWN	Yes, LED RGB	Yes, LED RGB	Yes, LED RGB	Yes, LED RGB
	STOPLIGHT FUNCTION	Yes	Yes	Yes	Yes
ADDITIONAL FEATURES	REFLECTIVE BAND	OPTIONAL	OPTIONAL	OPTIONAL	OPTIONAL
	PEOPLE AND OBJECT SAFETY	OPTIONAL	OPTIONAL	OPTIONAL	OPTIONAL

Other selection of complementary products



PLAZA
Fixed recessed bollard
HE220



PLAZA
Semi-Automatic telescopic bollard
H2208



PLAZA
Fixed bollard with base HP220



HFLEX
Flexible Bollard
HFLEXLEDSOL

DEFENDER Bollard,

Impact-tested high-security bollard, becoming one of the strongest automatic bollards available in the security market.



Defender Bollard Resistance Test

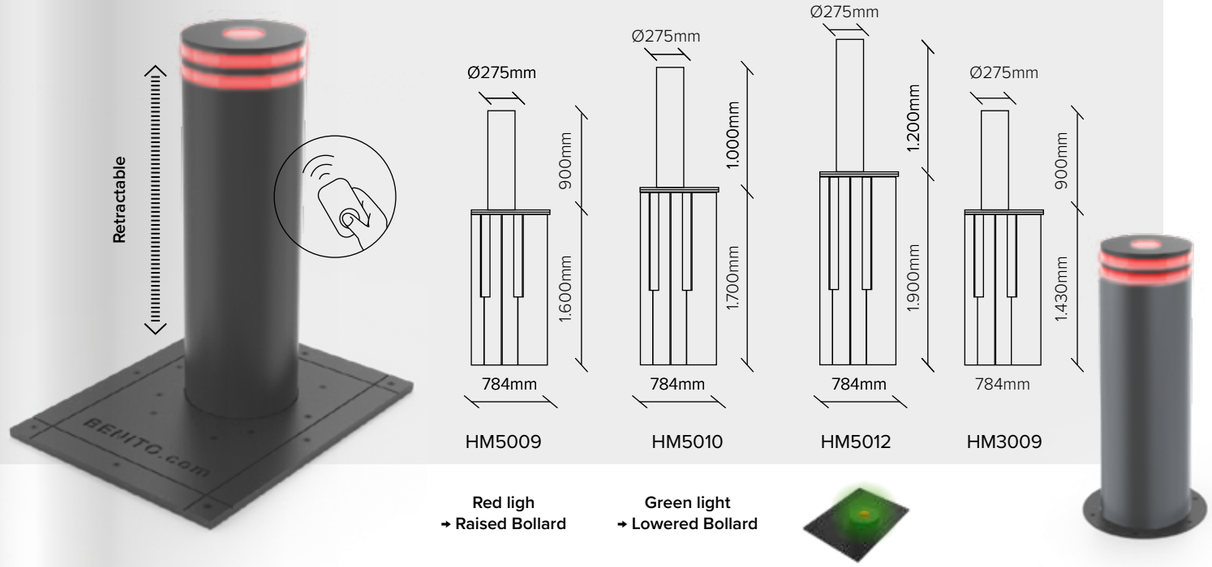
ASTM INTERNATIONAL
PAS-68
IWA-14
ISO22343

NUMBER 1 IN RESISTANCE

- **M50** Certified to M50 level according to ASTM 2656-23, which ensures the system remains operational after withstanding the impact of a 6,800 kg vehicle traveling at 80 km/h.
- Hydraulically operated, with high operational capacity and seamless integration into existing security systems, this rising bollard provides robust protection against high-velocity threats.
- With LED crown light, traffic light function.
- Guide-free configuration to withstand small impacts and avoid clogging caused by dirt accumulation.
- Electronic components in the upper part of the plunger for greater isolation from water accumulations.

High-Security Automatic Bollard, DEFENDER

Hydraulically operated and LED crown light, ø275 and height 900, 1000 or 1200mm.



		DEFENDER 900 HM5009 Automatic Bollard	DEFENDER 1.000 HM5010 Automatic Bollard	DEFENDER 1.200 HM5012 Automatic Bollard	DEFENDER S 900 HM3009 Automatic Bollard
DIMENSIONS AND MATERIALS	HEIGHT FROM GROUND LEVEL BOLLARD DIAMETER CASING DIMENSIONS BOLLARD THICKNESS BOLLARD MATERIAL BOLLARD FINISH	900MM Ø275MM 785X650X1,600MM **25MM** STEEL PRIMER + EPOXY PAINT	1,000MM Ø275MM 785X650X1,700MM **25MM** STEEL PRIMER + EPOXY PAINT	1,200MM Ø275MM 785X650X1,900MM **25MM** STEEL PRIMER + EPOXY PAINT	900MM Ø275MM 785X650X1,600MM **12.5MM** STEEL PRIMER + EPOXY PAINT
FEATURES	VOLTAGE MOTOR POWER	380V 50Hz 2.000W	380V 50Hz 2.000W	380V 50Hz 2.000W	230V 50Hz 1.000W
FUNCTIONAL FEATURES	SYSTEM TEMPERATURE RANGE IP PROTECTION RATING WORK FREQUENCY RISING TIME LOWERING TIME CONTROL BOARD IMPACT RESISTANCE LIGHT CROWN STOPLIGHT FUNCTION	HYDRAULIC/ BUILT-IN -20°C TO +80°C IP67 2,100 CYCLES/DAY 6 SECONDS 6 SECONDS M50/P3 **6,800KG AT 80KM/H** Yes, LED RGB Yes	HYDRAULIC/ BUILT-IN -20°C TO +80°C IP67 2,100 CYCLES/DAY 6 SECONDS 6 SECONDS M50/P3 **6,800KG AT 80KM/H** Yes, LED RGB Yes	HYDRAULIC/ BUILT-IN -20°C TO +80°C IP67 2,100 CYCLES/DAY 6 SECONDS 6 SECONDS M50/P3 **6,800KG AT 80KM/H** Yes, LED RGB Yes	HYDRAULIC/ BUILT-IN -20°C TO +80°C IP67 2,100 CYCLES/DAY 6 SECONDS 6 SECONDS M50/P3 **7.500KG A 48KM/H** Yes, LED RGB Yes
ADDITIONAL FEATURES	REFLECTIVE BAND PEOPLE AND OBJECT SAFETY	OPTIONAL OPTIONAL	OPTIONAL OPTIONAL	OPTIONAL OPTIONAL	OPTIONAL OPTIONAL
CERTIFICATION	ANTI-TERRORISM	ASTM 2656-23 M50 (K12)	ASTM 2656-23 M50 (K12)	ASTM 2656-23 M50 (K12)	ASTM 2656-23 M30 (K4) PAS68

Other selection of complementary products



DEFENDER M50
HM5009FR / HM5010FR
HM5012FR
High-security bollard



DEFENDER M30
HM3009F / HM3009FR
High-security bollard

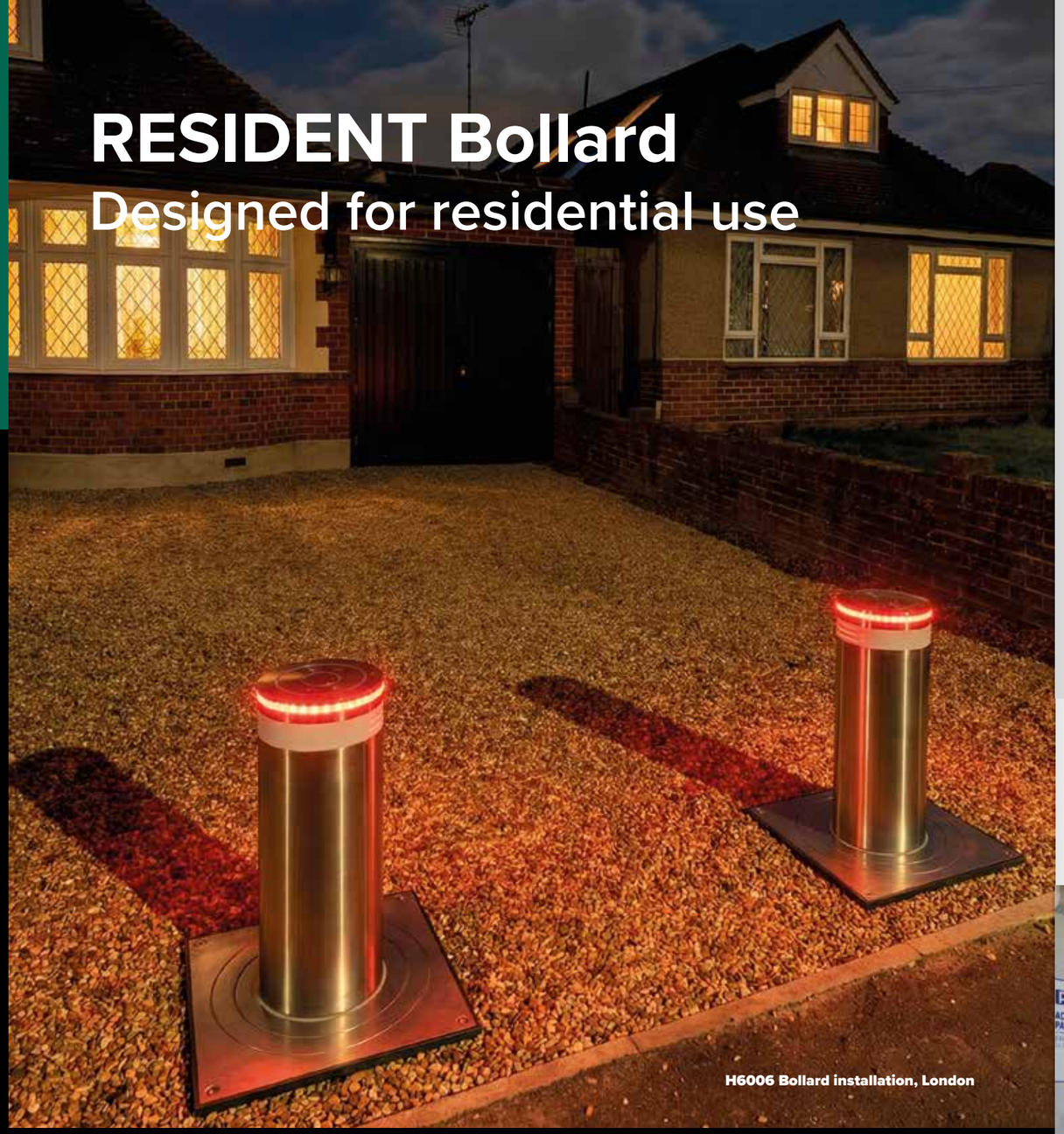


PLAZA
HS1200
High-security bollard



ANTI-BELIER
H268
Security Bollard

RESIDENT Bollard
Designed for residential use



H6006 Bollard installation, London

Operates via remote control, adaptable to other systems (license plate reader, card, keypad with code, etc.).

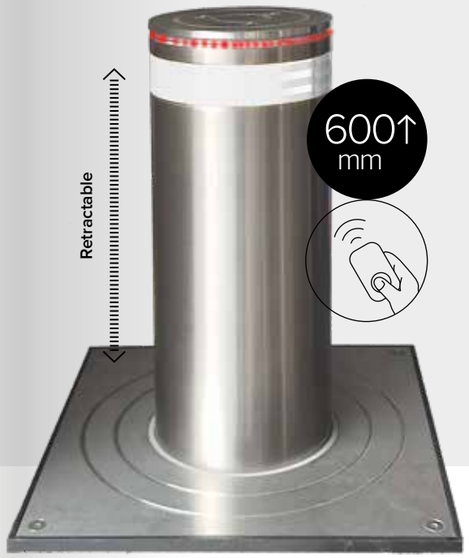
Maximum safety that includes a red LED light crown that warns when the bollard is raising or lowering.

Remains in extended position in case of power failure. Lower it manually if passage is necessary.

Made of stainless steel, which requires little maintenance and is easy to repair in case of scratches.

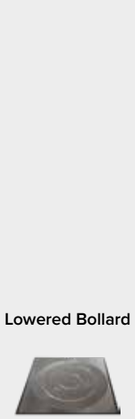
Automatic Bollard, RESIDENT

Equipped with remote control and LED lighting crown, ø220mm Height 600mm.



Red light
→ Raised Bollard

Lowered Bollard



H6006



		RESIDENT H6006 Automatic Bollard
DIMENSIONS AND MATERIALS	HEIGHT FROM GROUND LEVEL	600MM
	BOLLARD DIAMETER	Ø220MM
	CASING DIMENSIONS	340X340X830MM
	BOLLARD THICKNESS	**6MM**
	BOLLARD MATERIAL	STAINLESS STEEL
	BOLLARD FINISH	SATIN AISI 304
FEATURES	VOLTAGE	230V 50Hz
	POWER CONSUMPTION	700W
	MOTOR POWER	300W (3,000RPM)
FUNCTIONAL PERFORMACE	SPEED	90MM/S - 130MM/S
	TEMPERATURE RANGE	-20°C TO +80°C
	PROTECTION RATING	IP67
	RISING FORCE	1,400NW
	RISING TIME	3-4 SECONDS
	LOWERING TIME	3-4 SECONDS
	CONTROL BOARD	BC20
	IMPACT RESISTANCE	**158,000 JOULES**
	LIGHT CROWN	Yes, LED RGB
	STOPLIGHT FUNCTION	Yes, YELLOW LEVEL 3

Other selection of complementary products



PLAZA 220 Semi-automatic telescopic bollard
H2208



PLAZA
Fixed bollard with base
HP220



HFLEX
Flexible Bollard
HFLEXLEDSOL



HOSPITALET DURABLE Semi-flexible Bollard H214F

Easy Installation Kit System

Customize your project

1. How do we control the raising and lowering of the automatic bollard?

Components required for remote operation:

Remote control and radio receiver to activate the automatic bollard.



Long-range reader (e.g., Teletac) to detect the card without user interaction.



Radio proximity reader for key fobs or proximity cards.

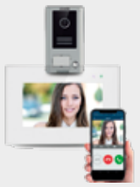


Electric lock to lower the automatic bollards using a key.



How does the user communicate with us in case of an incident?

Kit with an intercom and video door-bell we'll receive video calls on a mobile device or the control tablet.



What if we were to allow access without the user not having to do anything?

For recurring users, enter their license plates in the database and the reader allows to lower the bollard bollard, reading the license plate of the vehicle.



2. What happens when an emergency vehicle has to enter?

Allows ambulances, fire departments or police to enter without having to stop. With the sound detector, the bollard will lower with the sound of its sirens.





3. Which components do I have to install to control the bollard remotely?

Routers for remote control of the bollard from a PC. They allow to see the status of the bollard, warn of failures and allow remote troubleshooting. Ideal to manage the bollard remotely.

Optional in WIFI, GSM or ETHERNET.



In the event of an incident, lower the bollards with a single free phone call free of charge by means of this module works with a simple APP.



Clock to program the bollard's operation of the bollard: daily, weekly and more operation schedules.



4. What if I do not have electrical installation?

Solar power supply system to supply voltage (230V) to the automatic bollards.



Power supply kit with batteries, for automatic bollards, which are charged at night, taking advantage of the public lighting installation.



5. Other complements for installations with automatic bollards.

Heating kit for automatic bollard, to prevent freezing of bollards installed in cold environments, with automatic regulation.



Traffic light with LED technology prepared for outdoors, water and humidity resistant.



Control totem in stainless steel with LED luminous crown, traffic light function.

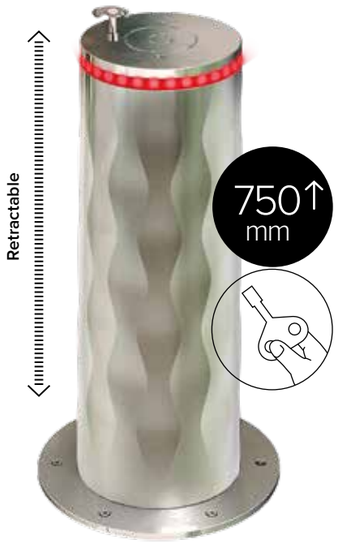


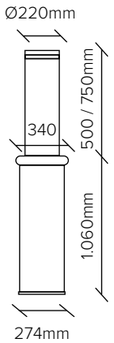
Metal mass sensor that detects the presence of vehicles, preventing the bollard from rising and avoiding impacts.



Semi Automatic Bollard, **RAMBLA**

With key, ø220, Height 750mm.





Bollard designed for access control on public roads, in communities, companies, etc.

Automatic lifting, easy and fast, manual lowering.

Once lowered, it is flush with the ground, avoiding tripping.

Automatic locking in both raised and lowered position, unlocking by means of triangular key DIN3223 of 10mm

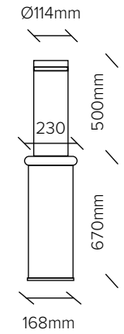
		H2208H75R Semi Automatic Bollard
DIMENSIONS AND MATERIALS	HEIGHT FROM GROUND LEVEL	750MM
	BOLLARD DIAMETER	Ø220MM
	BOLLARD THICKNESS	**8MM**
	CASING DIMENSIONS	340X340X990MM
	BOLLARD MATERIAL	STAINLESS STEEL
	BOLLARD FINISH	SATIN AISI 304
FUNCTIONAL PERFORMACE	LIFTING MECHANISM	GAS CYLINDER
	LIFTING FORCE	400 NEWTON
	LOWERING MECHANISM	MANUAL
	REFLECTIVE STRIP	NO
	LED CROWN	OPTIONAL
	OPERATING KEY	TRIANGULAR 10MM
	IMPACT RESISTANCE	**80,000 JOULES**
	CYCLES OF USE	MORE THAN 500,000

Semi Automatic Bollard, **PLAZA 114**

With key, ø114mm Height 500mm.







Bollard designed for access control on public roads, in communities, companies, etc.

Automatic lifting, easy and fast, manual lowering.
Once lowered, it is flush with the ground, avoiding tripping.

Automatic locking in both raised and lowered position, unlocking by means of triangular key DIN3223 of 10mm.

		H1144 Semi Automatic Bollard
DIMENSIONS AND MATERIALS	HEIGHT FROM GROUND LEVEL	500MM
	BOLLARD DIAMETER	Ø114MM
	BOLLARD THICKNESS	**4MM**
	CASING DIMENSIONS	230X230X680MM
	BOLLARD MATERIAL	STAINLESS STEEL
	BOLLARD FINISH	SATIN AISI 304
FUNCTIONAL PERFORMACE	LIFTING MECHANISM	GAS CYLINDER
	LIFTING FORCE	300 NEWTON
	LOWERING MECHANISM	MANUAL
	REFLECTIVE STRIP	YES
	LED CROWN	NO
	OPERATING KEY	TRIANGULAR 10MM
	IMPACT RESISTANCE	**25,000 JOULES**
	CYCLES OF USE	MORE THAN 500,000

Semi Automatic Bollard, **RESIDENT**

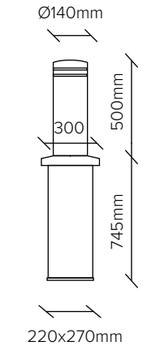
With reflective strips, ø140mm Height 500mm.

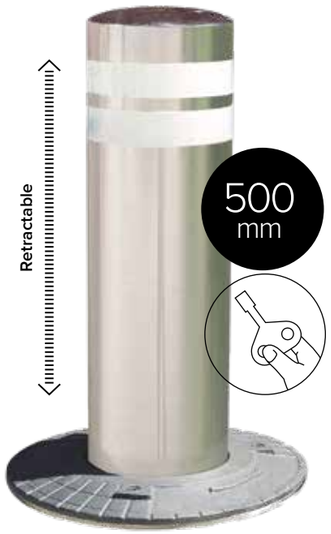
This Bollard is outstanding for being simple, practical and easy to use.

Automatic lifting, easy and fast, manual lowering.

Automatic locking in both raised and lowered positions, unlocking by means of a 10mm DIN3223 triangular key.

		H275TR Semi Automatic Bollard
DIMENSIONS AND MATERIALS	HEIGHT FROM GROUND LEVEL	500MM
	BOLLARD DIAMETER	Ø140MM
	BOLLARD THICKNESS	**2MM**
	CASING DIMENSIONS	300X300X750MM
	BOLLARD MATERIAL	STAINLESS STEEL
	BOLLARD FINISH	SATIN AISI 304
FUNCTIONAL PERFORMACE	LIFTING MECHANISM	GAS CYLINDER
	LIFTING FORCE	400 NEWTON
	LOWERING MECHANISM	MANUAL
	REFLECTIVE STRIP	YES
	LED CROWN	NO
	OPERATING KEY	TRIANGULAR 10MM
	IMPACT RESISTANCE	**6,000 JOULES**
	CYCLES OF USE	MORE THAN 500,000





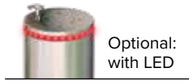
Semi Automatic Bollard, **PLAZA 220**

With key, ø220mm Height 500mm or 750mm.

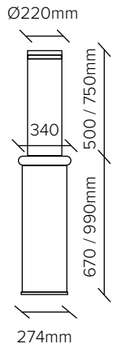
Bollard designed for access control on public roads, in communities, companies, etc.

Automatic lifting, easy and fast, manual lowering.
Once lowered, it is flush with the ground, avoiding tripping.

Automatic locking in both raised and lowered position, unlocking by means of triangular key DIN3223 of 10mm.







		H2204 Semi Automatic Bollard	**H2208** Semi Automatic Bollard	**H2208H75** Semi Automatic Bollard
DIMENSIONS AND MATERIALS	HEIGHT FROM GROUND LEVEL	500MM	500MM	750MM
	BOLLARD DIAMETER	Ø220MM	Ø220MM	Ø220MM
	BOLLARD THICKNESS	**4MM**	**8MM**	**8MM**
	CASING DIMENSIONS	340X340X670MM	340X340X990MM	340X340X990MM
	BOLLARD MATERIAL	STAINLESS STEEL	STAINLESS STEEL	STAINLESS STEEL
	BOLLARD FINISH	SATIN AISI 304	SATIN AISI 304	SATIN AISI 304
FUNCTIONAL PERFORMACE	LIFTING MECHANISM	GAS CYLINDER	GAS CYLINDER	GAS CYLINDER
	LIFTING FORCE	400 NEWTON	500 NEWTON	700 NEWTON
	LOWERING MECHANISM	MANUAL	MANUAL	MANUAL
	REFLECTIVE STRIP	YES	YES	YES
	LED CROWN	NO	OPTIONAL	OPTIONAL
	OPERATING KEY	TRIANGULAR 10MM	TRIANGULAR 10MM	TRIANGULAR 10MM
	IMPACT RESISTANCE	**40,000 JOULES**	**80,000 JOULES**	**80,000 JOULES**
	CYCLES OF USE	MORE THAN 500,000	MORE THAN 500,000	MORE THAN 500,000



PLAZA Fixed Mount

ø220mm or ø114mm and thickness of 4mm.



Reflective strips | Even | LED light crown

Bollard designed to prevent the passage of vehicles permanently.

		PLAZA114 Fixed Mount Bollard HE114	PLAZA 220 Fixed Mount Bollard HE220
DIMENSIONS AND MATERIALS	TOTAL HEIGHT	1,000MM	1,000MM
	BOLLARD DIAMETER	Ø114MM	Ø220MM
	BOLLARD THICKNESS	**4MM**	**4MM**
	BOLLARD MATERIAL	STAINLESS STEEL	STAINLESS STEEL
	BOLLARD FINISH	SATIN AISI 304	SATIN AISI 304

PLAZA Plate Base

ø220mm or ø114mm and thickness of 4mm.



Reflective strips | Even | LED light crown

Bollard designed to permanently prevent the passage of vehicles on pavements where it cannot be embedded

		PLAZA 114 Plate Base Bollard HP114	PLAZA 220 Plate Base Bollard HP220
DIMENSIONS AND MATERIALS	TOTAL HEIGHT	1,000MM	1,000MM
	BOLLARD DIAMETER	Ø114MM	Ø220MM
	BOLLARD THICKNESS	**4MM**	**4MM**
	BOLLARD MATERIAL	STAINLESS STEEL	STAINLESS STEEL
	BOLLARD FINISH	SATIN AISI 304	SATIN AISI 304

PLAZA Removable Socket

With reflective strip, ø114mm, thickness of 4mm and Height 800mm.



Unlocking by means of triangular key of 10mm

Reflective strips

Bollard designed to prevent vehicle access to pedestrian areas, with the option to be removed when necessary

		PLAZA HEXT Removable Socket Bollard
DIMENSIONS AND MATERIALS	TOTAL HEIGHT	800MM
	BOLLARD DIAMETER	Ø114MM
	BOLLARD THICKNESS	**4MM**
	BOLLARD MATERIAL	STAINLESS STEEL
	BOLLARD FINISH	SATIN AISI 304
PRESTACIONES OPCIONALES	REFLECTIVE STRIP	OPTIONAL
	LED LIGHT CROWN	NO

PLAZA Manually Operated Telescopic Bollard

AISI-304 satin stainless steel. Post dimensions: Ø76 mm, 580 mm above ground, 4 mm wall thickness



Bollard designed to control access to private properties, residential complexes, car parks and similar areas.

		H580IM Manual Operated Telescopic Bollard
DIMENSIONS AND MATERIALS	TOTAL HEIGHT	580MM
	BOLLARD DIAMETER	Ø76MM
	BOLLARD THICKNESS	**4MM**
	BOLLARD MATERIAL	STAINLESS STEEL
	BOLLARD FINISH	SATIN AISI 304
PRESTACIONES OPCIONALES	REFLECTIVE STRIP	YES
	LED LIGHT CROWN	NO
	LOCK	SAFETY PUSH-BUTTON

DEFENDER High-Security Fixed Bollard

Impact Tested M50 & M30 shallow mount bollards which require depths as shallow as 200mm.

Desgined for safeguarding critical infrastructure, especially where the distance between the building perimeter and the structure is limited

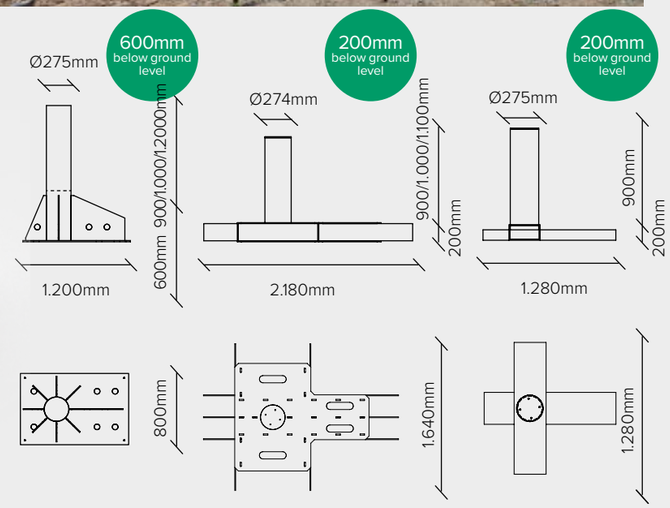


PAS-68

IWA-14

ASTM INTERNATIONAL





**Certified with a level M50, according to ASTM 2656-23, according to the standard ASTM 2656-23, according to which it continues to function after the impact of a vehicle of 6800Kg at 80Km/h.*

		DEFENDER 900/1000/1200 Bollard HM5009F/ HM5010F HM5012F	**DEFENDER S 900** Bollard HM5009FR HM5010FR/HM5012FR	**DEFENDER S 900** Reduced fixed bollard HM3009FR
DIMENSIONS AND MATERIALS	HEIGHT FROM GROUND LEVEL	900MM / 1.000MM / 1.200MM	900MM	900MM
	BOLLARD DIAMETER	Ø275MM	Ø275MM	Ø275MM
	CASING DIMENSIONS	785x650x1.600MM / 785x650x1.700MM / 785x650x1.900MM	600x600x200MM	1280x1280x200MM
	BOLLARD THICKNESS	**25MM**	**25MM**	**12.5MM**
	BOLLARD MATERIAL	STEEL	STEEL	STEEL
	BOLLARD FINISH	PRIMER + EPOXY PAINT	PRIMER + EPOXY PAINT	PRIMER + EPOXY PAINT
FUNCTIONAL FEATURES	IMPACT RESISTANCE	**6.800KG A 80KM/H**	**7.200KG A 80KM/H**	**7.500KG A 48KM/H**
ADDITIONAL FEATURES	REFLECTIVE BAND	OPTIONAL	OPTIONAL	OPTIONAL
	LIGHT CROWN	OPTIONAL	OPTIONAL	OPTIONAL
	STAINLESS STEEL PLUNGER FINISH	OPTIONAL	OPTIONAL	OPTIONAL
	GROOVED PLUNGER FINISH	OPTIONAL	OPTIONAL	OPTIONAL
CERTIFICATION	ANTI-TERRORISM	ASTM 2656-23 M50 (K12) PAS-68 IWA-14	ASTM 2656-23 M50 (K12) PAS-68 IWA-14	ASTM 2656-23 M30 (K4) PAS-68 IWA-14
	PERFORMANCE	ISO 22343	ISO 22343	ISO 22343

PLAZA Security Bollard

ø220mm and wall thickness 4mm



Reflective strips

Even

LED light crown

Provides a cost-effective solution for perimeter security requirements.

		PLAZA Security Bollard HS1200
DIMENSIONS AND MATERIALS	TOTAL HEIGHT	1,200MM
	BOLLARD DIAMETER	Ø250MM
	BOLLARD THICKNESS	**4MM**
	BOLLARD MATERIAL	STAINLESS STEEL
	BOLLARD FINISH	SATIN AISI 304





HS1200 Bollard installation, Girona

HS1200 Bollard Installation, Madrid



PETRUS Bollard installation,

PETRUS LED
Fixed Bollard

With LED crown, ø220mm.

Bollard made of concrete, with luminous LED crown light.

PETRUS
Fixed Bollard

Total height of 785mm, ø220mm.

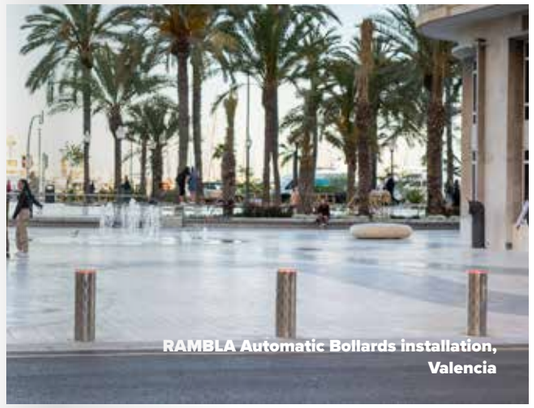
Fixed bollard made of concrete, with stainless steel trim

		PETRUS LED Fixet Bollard H374L	**PETRUS** Fixed Bollard H374
DIMENSIONS AND MATERIALS	TOTAL HEIGHT	800MM	785MM
	BOLLARD DIAMETER	Ø220MM	Ø220MM
	BOLLARD MATERIAL	PRECAST REINFORCED CONCRETE	PRECAST REINFORCED CONCRETE

600mm height RAMBLA & PLAZA Automatic Bollard Installations



RAMBLA Automatic Bollards installation, Barcelona



RAMBLA Automatic Bollards installation, Valencia



PLAZA Automatic Bollards installation, Gerona

DECORATIVE
Bollards

Sidewalk guard



Fixed
Metal Bollards

The DALIA bollard is perfect for open spaces or narrow streets in old towns for controlling, limiting or preventing vehicle traffic and ensuring pedestrian safety.

Bollard **made of steel with Ferrus treatment**, an iron protection process that guarantees excellent resistance to corrosion.

With stainless steel trim to protect the most sensitive part of the bollard, avoiding rust in this area and scratches caused by vandalism. It also provides more visibility.



Dalia
H314



Stainless
Ø90
H253I

Stainless
Ø220
Security bollard
HE220

Fuencarral Inox
bollard
MU55



Hospitalet
anti-belier security bollard
H268



Hospitalet
H214



Hospitalet
Base
H214P



Deca
H206



Grey
H221



Sol
H307-2



Vía trajana
H202H



Universal
H211AP

Removable
Metal Bollards



Dalia
H314M-1C



Deca
with key
H206M-1C



Hospitalet
with key
H214E/1C



Hospitalet
H214M



Grey
H221M



Inox
H253IM



Vía trajana
H202MH-1C

Semi-flexible Composite Bollards

Bollards made of composite material:
They do not rust, neither by scratches nor dog urine.
They resist the impact of cars without damaging the pavement.
Easy to replace.

Hospitalet Durable
Semi-flexible Bollard
H214F



Pilona semiflexible Hospitalet H214F



Milos
H415



Far
H411



Odette
H413



Eros
H412



Trajana P Flex
H410P



Trajana Flex
H410



Recycled rubber
MU54

FUNCTIONAL
Bollards

Made of POLYURETHANE
with Total 90° flexibility





HFLEX Range made of flexible polyurethane in black (optional in red, green, yellow or blue), UV resistant, with a reflective strip.

They are manufactured in fixed or mobile versions with polyurethane or stainless steel bases. Also in version with base for bolted installation.

Withstands a bending of 1500 cycles at 45° and 50 cycles at 90°, without damage. “E” Classification for fire performance, according to UNE-EN 13501-1:2007+A1:2010.



HFLEX
Base
HFLEXP



HFLEX

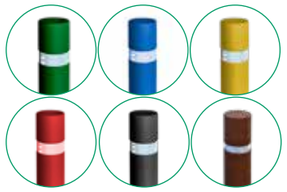


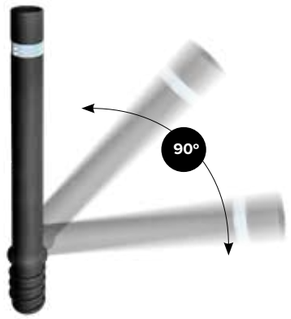
HFLEX
Removable base with polyurethane base HFLEXMP



HFLEX
Removable with stainless steel base HFLEXMI

OPTIONAL COLORS







RONDOFLEX
HFLEXBOL
Made of flexible polyurethane



RONDOFLEX
HFLEXBOL
Made of flexible polyurethane



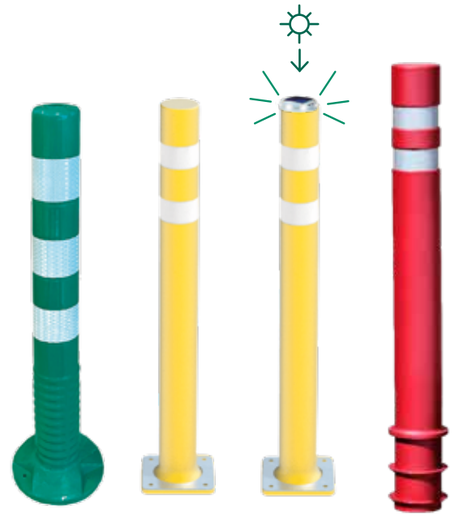
LEDHFLEX CON LED
HFLEXLED



LEDHFLEX SOLAR
HFLEXLEDSOL

Flexible
Bollards





Blanda
H416V

Bar
H214VA

Bar Solar
H214VALEDSOL

Maia
H214ZR

Fixed
Polyurethane Bollards



Fixed
H75



Bollards for PARKINGS



Folding parking
H290



Protective
H226P

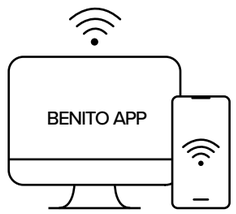


Removable
H207M

CONTROL FOR ALL YOUR CITY'S ACCESSES

APP SMART CITY for urban access control.
A platform that enables the management and monitoring of all city access points, provides traffic data, allows the configuration of opening and closing schedules, user identification, and payment management in parking zones, car parks, motorhome areas, or beaches.

Software adaptable to the client's needs.



APP + SMART CITY SOFTWARE
Web management tool and centralized management through Benito's APP

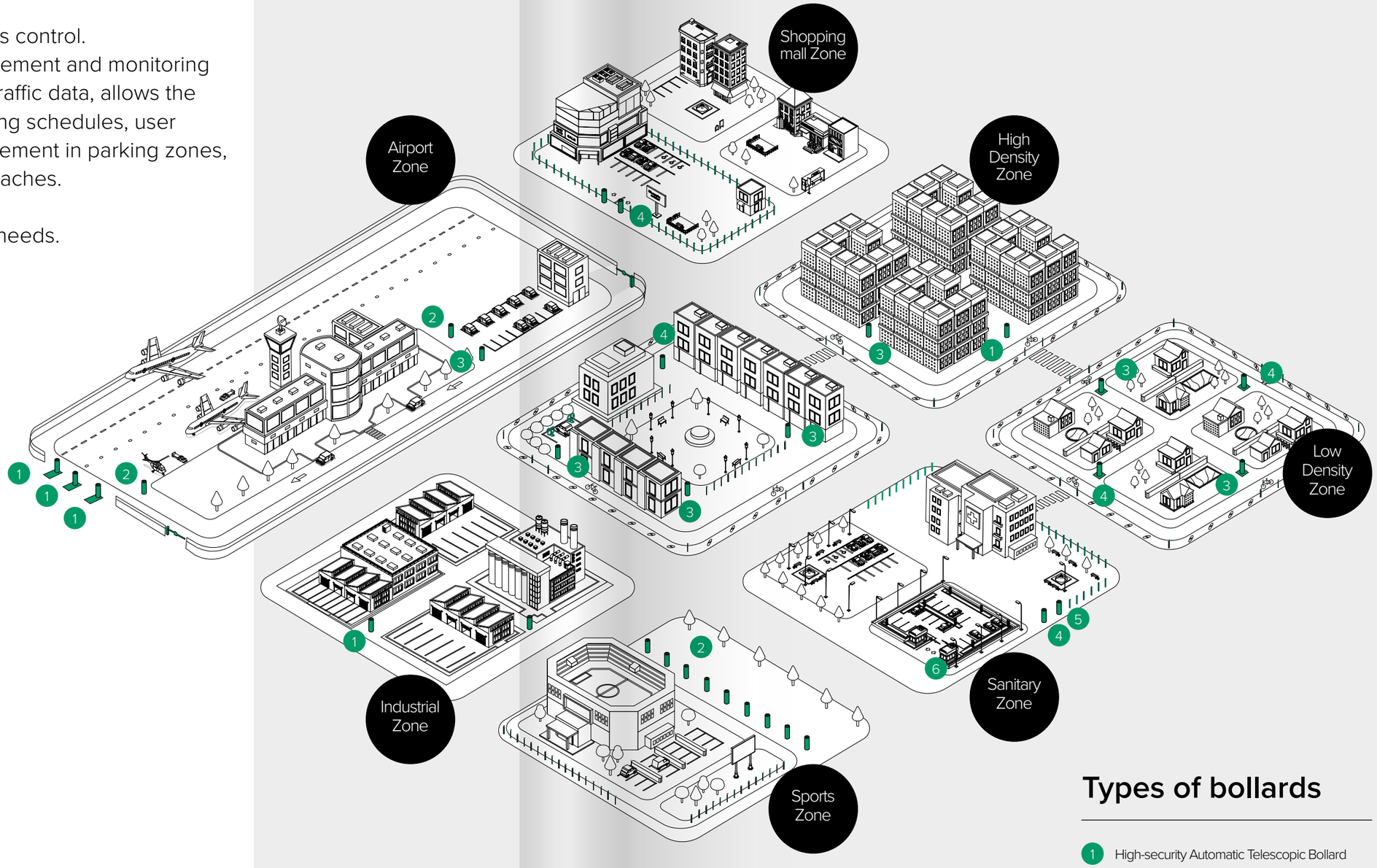
Security access with sensitive detectors



Security access with license plate reader



Access control via phone call



Types of bollards

1. High-security Automatic Telescopic Bollard
2. High Security Fixed Bollard
3. Automatic Telescopic Bollard
4. Semi-automatic Telescopic Bollard with key
5. Fixed Bollard
6. Barrier

OVERVIEW

Automatic



Rambla
H6008R - H7508R
p.2



Plaza
H6008
p.4



Plaza ø220 x 750mm
H7508
p.4



Resident Ø220
H6006
p.8

Semi-automatic



Rambla Ø220 x 750
H208H75
p.12



Plaza Ø114 x 500m with key
H1144
p.12



Plaza Ø220 with key
H2208
p.13



Resident Ø140 x 500
H275TR
p.13

High-security



Automatic Defender M50
HM5012
p.6



Automatic Defender M30
HM3009
p.6



Anti-Beiler
H268
p.20



High-security Fixed Plaza
HS1200 - HS1500
p.17



Fixed Defender M50
HM5012FR/HM5010FR
p.16



Fixed Defender S M30
HM5009FR
p.16



Fixed Defender SR
HM3009FR
p.16



Petrus
H374 | H374L
p.18

Metal Bollards

Hospitalet
H214
p.20

Hospitalet Tape Deck
H214P
p.20

Mobile Hospitalet
H214M
p.21

Removable Hospitalet
H214E/1C
p.21

Dalia
H314
p.21

Mobile Dalia
H314M/1C
p.21

Sol
H307-2
p.20

Recessed Sol
H307-2M
p.21

Grey
H221
p.20

Vía Trajana
H202H
p.20



Universal
H211AP
p.20

Stainless steel



Plaza Flush mount
HE114 - HE220
p.14



Plaza with base
HP114 - HP220
p.14



Plaza removable base
HEXT
p.15



Bison retractable fixed bollard
H580MI
p.15



Removable galvanized base
H253IM/1C
p.21

Fuencarral inox
H211AP
p.20

Semi-flexible Bollards



Hospitalet Durable
H214F
p.21

Trajana Flex
H410
p.21

Trajana Flex P
H410P
p.21

Eros Flex
H412
p.21

Odette
H413
p.21

Far Flex
H411
p.21



Milos
H415
p.21

Recycled rubber
MUS4
p.21

Flexible Bollards

Flexible solar LED
HFLEXLEDSOL
p.22

Flexible LED
HFLEXLED
p.22

Flexible
HFLEX
p.22

Flexible Base
HFLEXP
p.22

Mobile Flex. Polyurethane
HFLEXMP
p.22

Mobile Flexible Stainless
HFLEXMI
p.22

MAIA
H214Z
p.23

Soft
H476V
p.23

Bar
H214VA
p.23

Bar Solar
H214VALEDSOL
p.23

Fixed
H275
p.23

Metal Bollards for Parkings

Parking
H290
p.23

Removable
H207M
p.23

Protective
H207M
p.23

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pilonas@**benito.com**
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