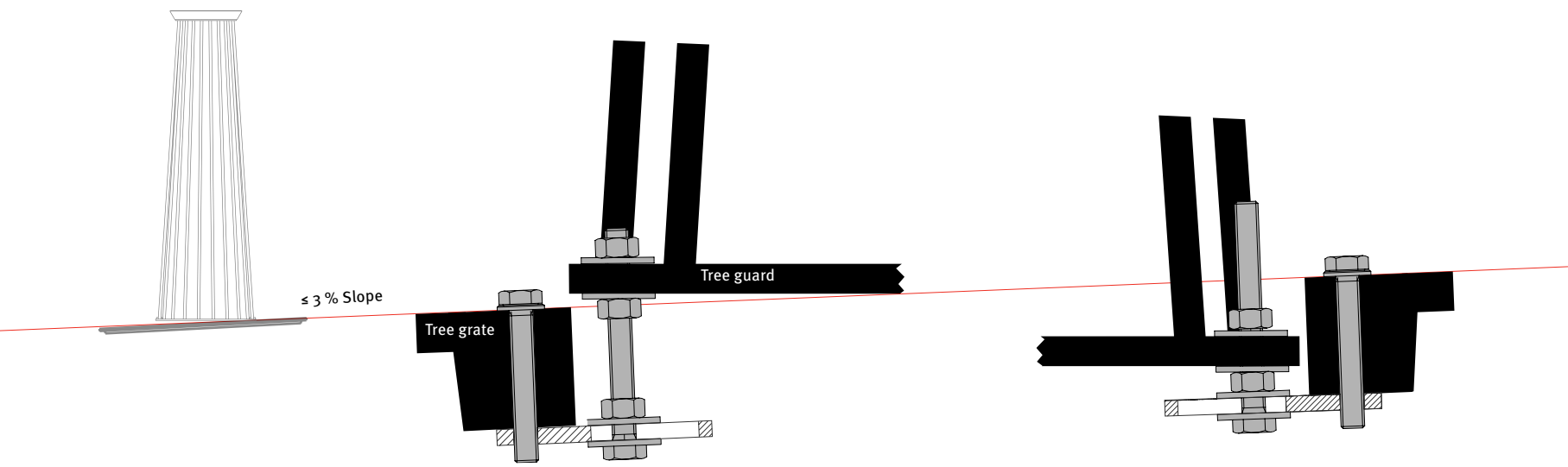
# TREE GUARD FASTENING

The tree guard mounts to a bolt that is secured in upright position to a fastener. Up to 3 % horizontal adjustment in both directions permits level compensation.

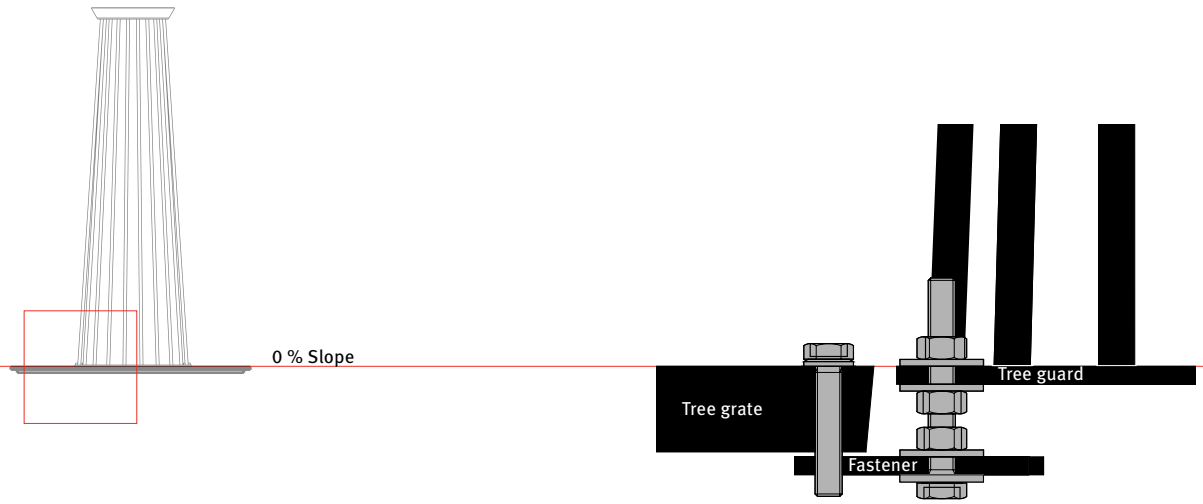
## ATTACHMENT TO A BEARING FRAME WITH LEVEL COMPENSATION MECHANISM

Frame comes with welded-on fasteners.



## ATTACHMENT TO A CANTILEVER TREE GRATE

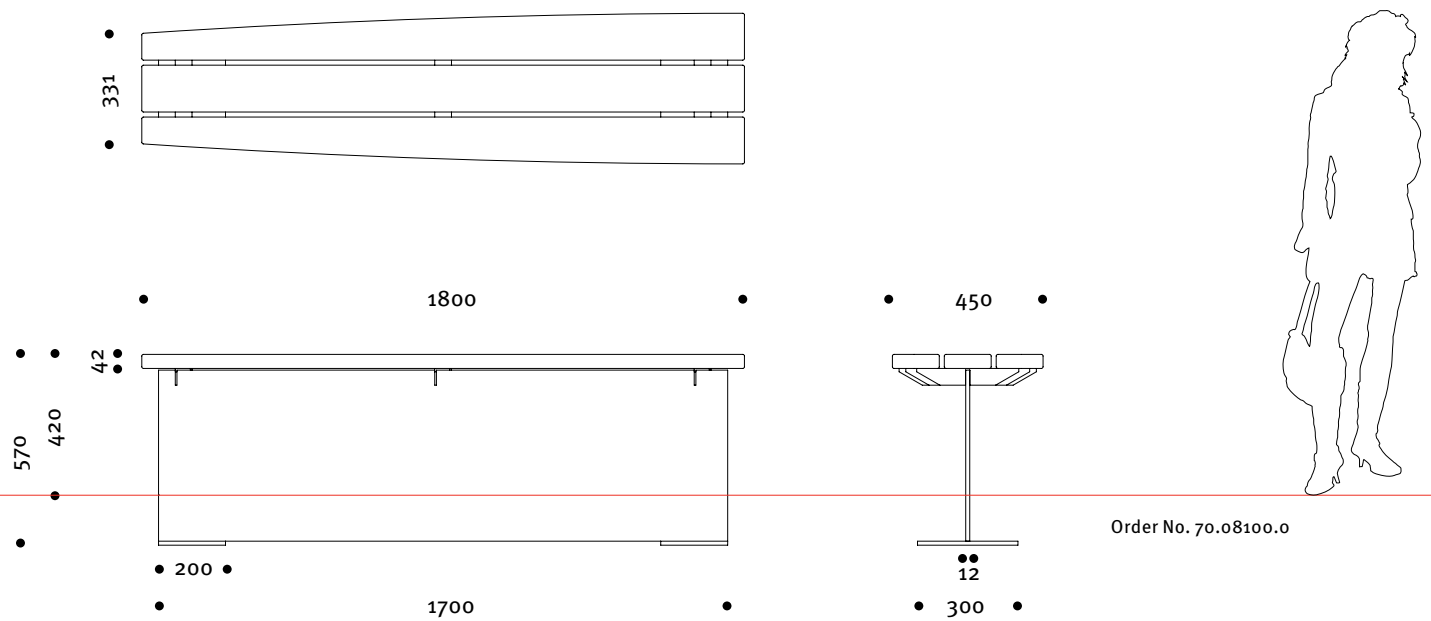
Fasteners bolt to the tree grates (holes in grate provided).



Product information
www.hess.eu/2660

# CORVUS

| Product Name | | Order No. | Colour | Planking |
|---|---|---|---|---|
| VAREDO | backless | 70.08100.0 | RAL, mica or DB finish | ash |






Order No. 70.08100.0

CORVUS
LOS ANGELES . USA

# C O R V U S

C O R V U S . Bench
Cast aluminium sides. Choice of RAL, mica or DB finish. High-pressure impregnated, weather resistant ash seat and backrest.

C O R V U S . Backless Bench

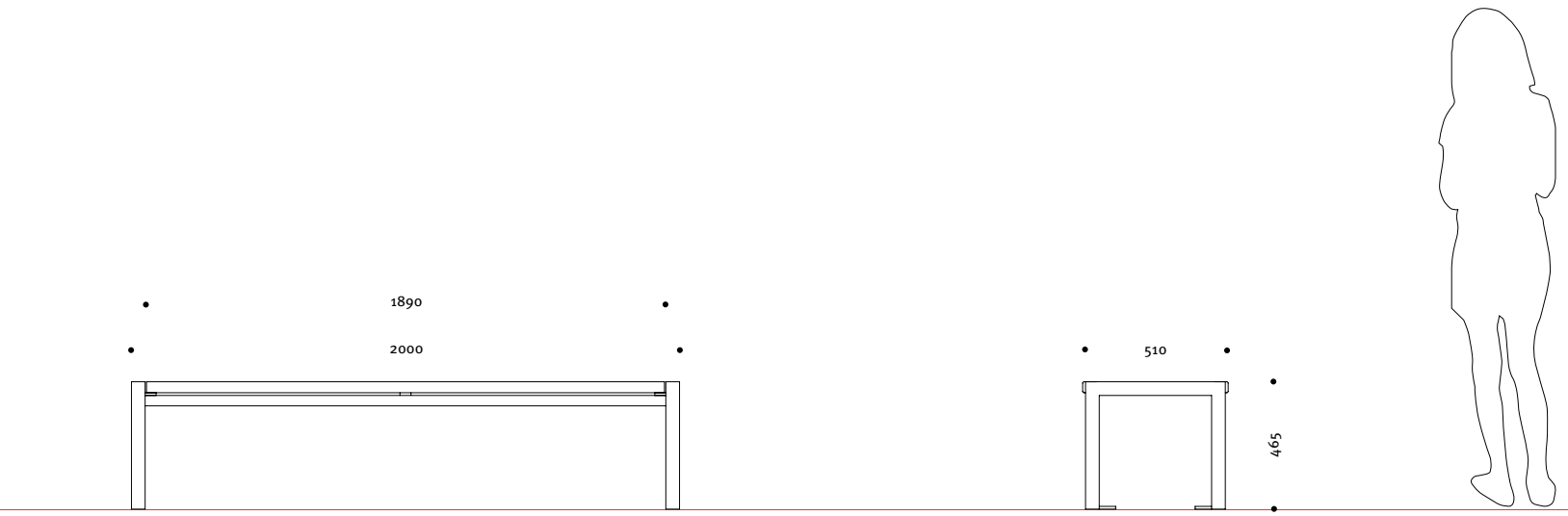
Additional charge: Kambala

Design: Jean-Michel Wilmotte

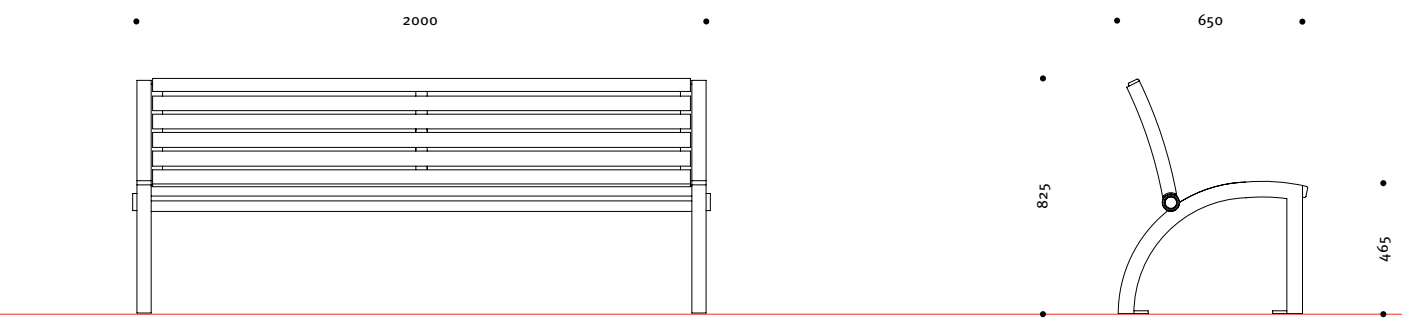
Product information
www.hess.eu/0370

# CORVUS

| Product Name | | Order No. | Colour | Planking |
|---|---|---|---|---|
| CORVUS | with backrest | 70.00600.1 | RAL, mica or DB finish | ash |
| | backless | 70.00601.1 | RAL, mica or DB finish | ash |




Order No. 70.00601.1




Order No. 70.00600.1

CORVUS
LOS ANGELES . USA

# CASTELLO

CASTELLO . Bench
Galvanised steel frame. Choice of RAL, mica or DB finish. High-pressure impregnated, weather resistant ash seat and backrest.

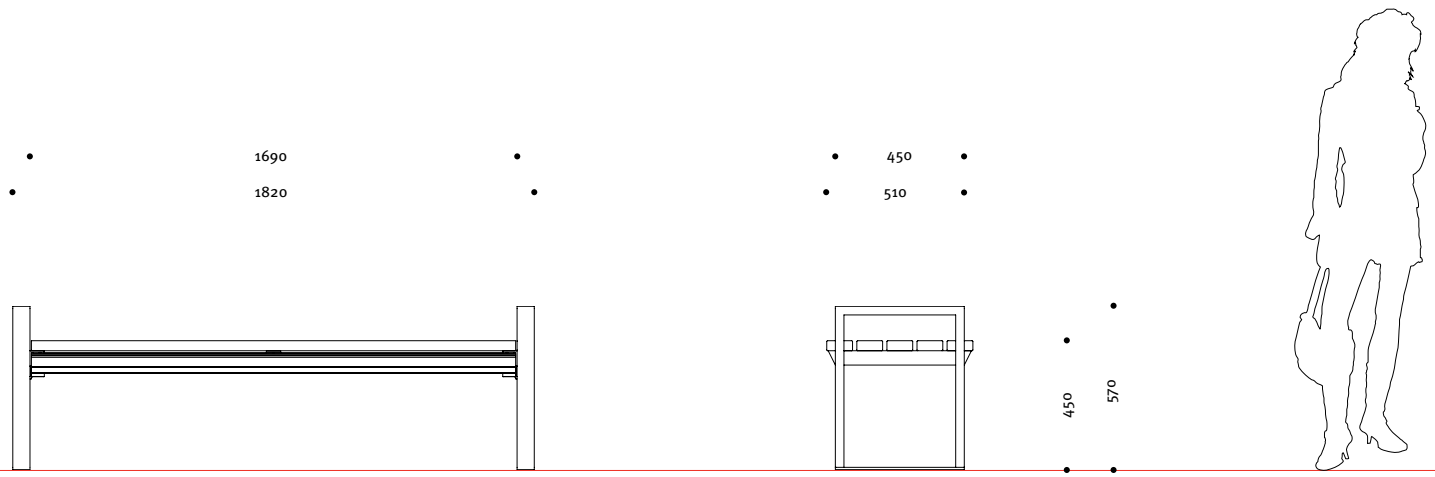
CASTELLO . Backless Bench

Additional charge: Kambala.

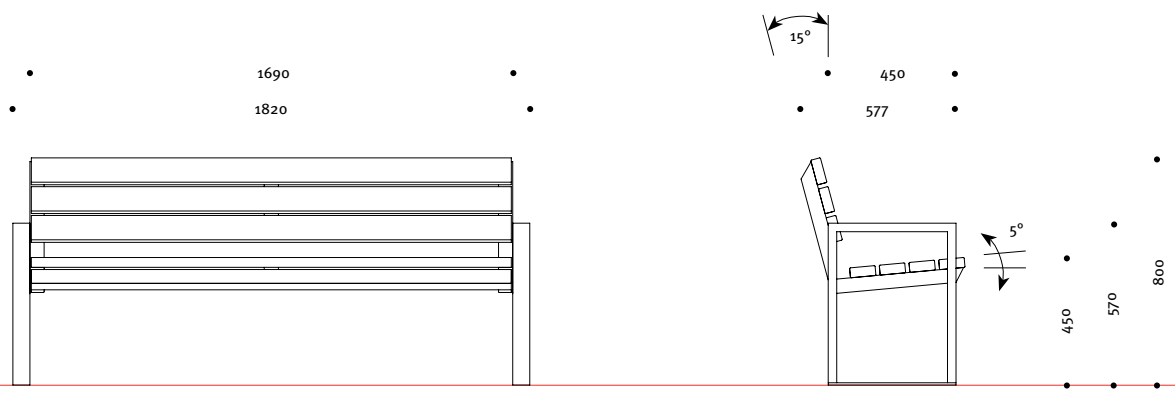
Product information
www.hess.eu/0377

# CASTELLO

| Product Name | | Order No. | Colour | Planking |
|---|---|---|---|---|
| CASTELLO | with backrest | 70.02800.0 | RAL, mica or DB finish | ash |
| | backless | 70.02800.1 | RAL, mica or DB finish | ash |




Order No. 70.02800.1




Order No. 70.02800.0

CASTELLO
GERMANY

# AURIGA

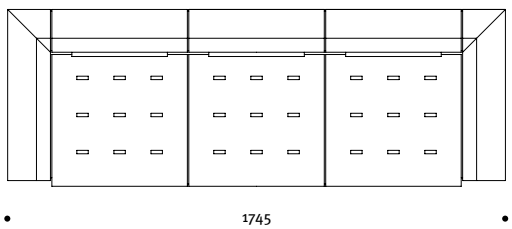
AURIGA . Bench
Cast aluminium and aluminium section construction. Choice of RAL, mica or DB finish.

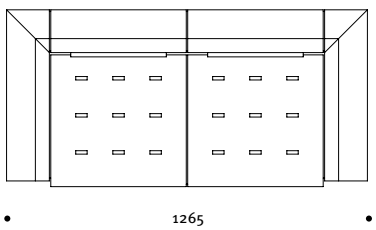
Design: Jean-Michel Wilmotte

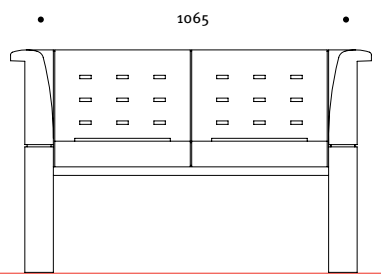
Product information
www.hess.eu/0399

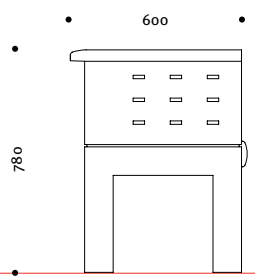
# AURIGA

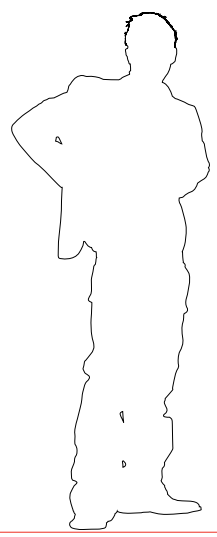
| Product Name | | Order No. |
|---|---|---|
| AURIGA | 2-seater | 70.00500.2 |
| | 3-seater | 70.00500.3 |



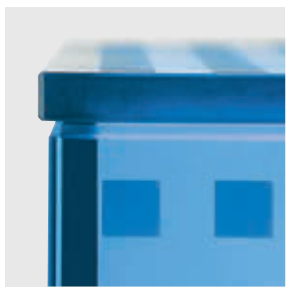



AURIGA
MARCIANO DI ROMAGNA . ITALY

# POSITANO

POSITANO . Illuminating Seat
Single-pane, tempered safety glass housing. Outer glass surface features anti-slip squares in quadratic arranged pattern. Inner glass surface frosted with pattern of squares exactly identical to outer surface for intriguing 3D effect. Stainless steel base (actual luminaire housing) designed for flush installation. 500 kg static load capacity. Light colours: red, green, blue, yellow, white. Fitted for 2 T26 – 18 W (white, red, green, blue, yellow). Each seat has its own fuse.
Ingress protection IP54 · Safety class I · CE

POSITANO LED . Illuminating Seat
Single-pane, tempered safety glass housing. Outer glass surface features anti-slip squares in quadratic arranged pattern. Inner glass surface frosted with pattern of squares exactly identical to outer surface for intriguing 3D effect. Stainless steel base (actual luminaire housing) designed for flush installation. Static load capacity is 500 kg. Wired and configured for 120 RGB LEDs. Each seat has its own fuse.
Ingress protection IP54 · Safety class I · CE 10/



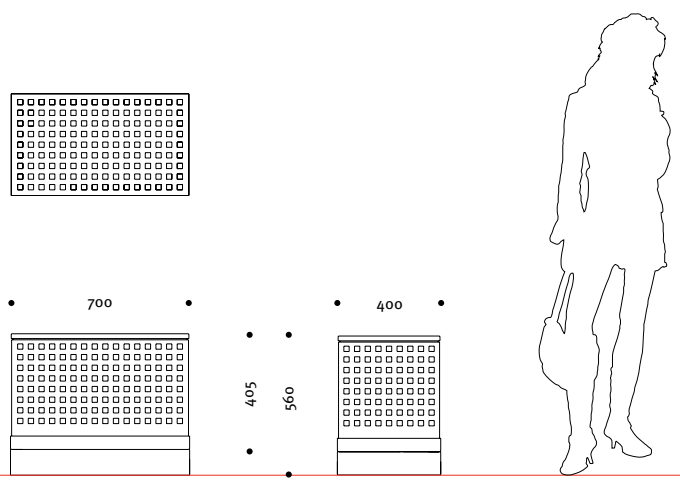
Design: Karsten Winkels

Product information
www.hess.eu/7900

# POSITANO

| Product Name | Article No. | Lamp | |
|---|---|---|---|
| | | LED RGBW | T 26 |
| | | 45 W | 18 W |
| | | | G13 2x |
| POSITANO Illuminating Seat | 12.16400.0 | - | • |
| POSITANO LED Illuminating Seat | 12.16400.0 | • | - |

Order No.: Article No. + Light Colour






Article No. 12.16400.0

POSITANO
BURGENFELD . GERMANY

**POSITANO**
LEIPZIG . GERMANY

23:31
2
23:31

# PLANKING

## Treatment of Natural Wood

Kambala and ash are high-grade woods crafted according to the highest standards. All natural wood planking is planed to shape and rough-sanded once before being fine-sanded.

## ASH

To achieve weather resistant surface protection, the ash planking is impregnated using the vacuum tank pressure method. Afterwards, the wood swells slightly. It is then sanded again and allowed to age under controlled conditions before use.

| | |
|---|---|
| Type of Wood: | ash obtained from European plantations, PEFC certified |
| Wood colour: | greenish following treatment<br>silver following extended time outdoors |
| Surface finish: | smooth sanded<br>wood absorbs and releases moisture, which may cause spots of mildew to appear on the wood that with time disappear if the wood is outdoors |
| Wood preservation: | DIN 68800 |
| Wood preservative: | liquid, chromium-free wood protecting salt of inorganic copper-borate compounds and organic agents<br>that protect against fungal decay and mildew fungi as well as against wood-destroying insects |
| Dimensional stability: | dimensionally stable, with excellent dent and wear resistance |
| Disposal: | problem-free, thermally recyclable |

## WOOD FROM SUSTAINED FOREST MANAGEMENT

The ash used for the benches has been obtained from sources using PEFC certified forest management practices. PEFC is the world's leading certification organisation for sustainable forestry.

PEFC™
PEFC/04-01-01

KAMBALA

| | |
|---|---|
| Type of Wood: | Kambala, also called Iroko |
| Wood colour: | golden brown |
| Surface finish: | smooth sanded |
| Wood preservation: | naturally resistant to weathering and decay, only treated with oil |
| Dimensional stability: | dimensionally stable, with excellent dent and wear resistance |
| Disposal: | problem-free, thermally recyclable |

# WASTE RECEPTACLES

.hess

Impressive in their function and appearance, Hess litter receptacles are a welcome addition to any site.

.hess

# 4 . WASTE RECEPTACLES

VAREDO
154

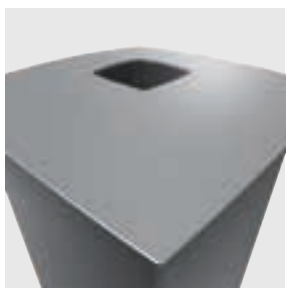
CARPO
156

PUNTO
158

# VAREDO

V A R E D O . Waste Receptacles
Square container, steel, galvanised, varnished. Centred stand. Upward opening container for emptying. Stainless steel cover with triangular locking mechanism. 60 L capacity
All RAL (classic unicolour shades), Hess DB and Hess glimmer colours.

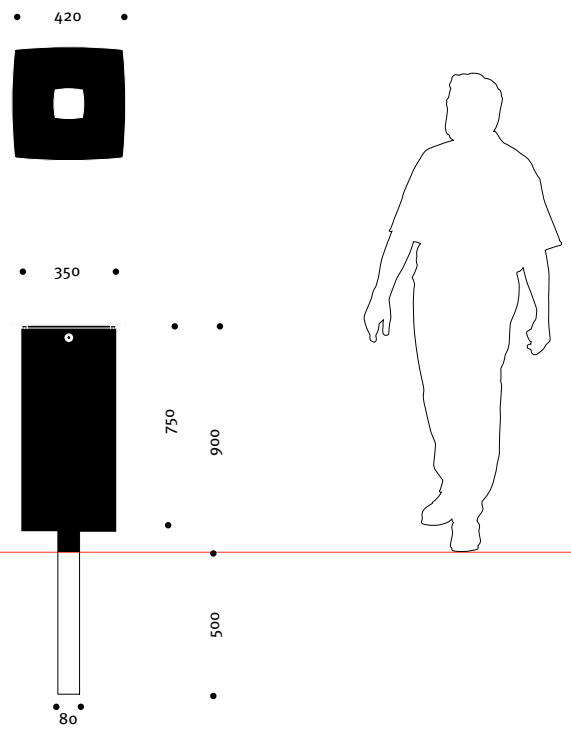
Additional charge: Equipped with integrated ashtray.



Design: Jean-Marc Schneider

| Product Name | Mounting | Order No. | Colour | Capacity |
|---|---|---|---|---|
| VAREDO | ground | 80.32200.0 | RAL, mica or DB finish | 60 l |

Product information
www.hess.eu/2640




Order No. 80.32200.0

# C A R P O

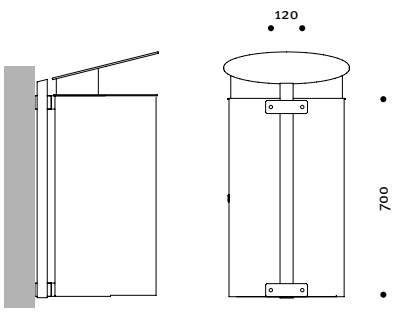
C A R P O . Waste Receptacles
Galvanised steel post and container. Reduced mouth size and rain-protected opening. Container opens to the side for emptying. Triangular locking mechanism. Includes inner mounted retainer ring for litter bags.  Choice of RAL, mica or DB finish.

Capacity: 60 l or 90 l

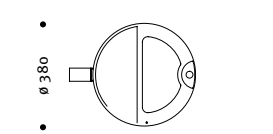
Additional charge: Flange plate. Integrated ash receptacle.

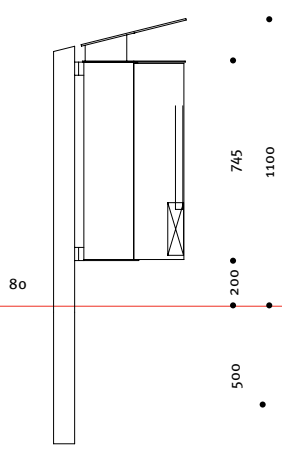
| Product Name | Mounting | Order No. | Colour | Capacity |
|---|---|---|---|---|
| CARPO 380 | ground | 80.30500.0 | RAL, mica or DB finish | 60 l |
| CARPO 440 | ground | 80.30500.1 | RAL, mica or DB finish | 90 l |
| CARPO 380 | wall | 80.30500.3 | RAL, mica or DB finish | 60 l |
| CARPO 440 | wall | 80.30501.3 | RAL, mica or DB finish | 90 l |

## Product information
www.hess.eu/0310

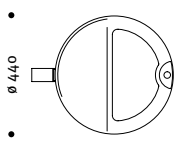


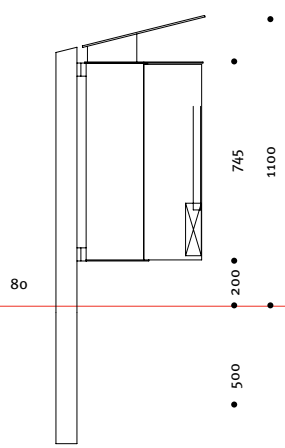

Order No. 80.30500.0



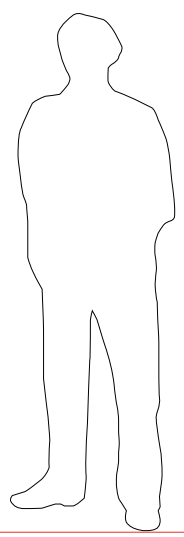




Order No. 80.30500.1




Order No. 80.30500.3



# PUNTO

P U N T O . Waste Receptacle
Galvanised steel post and container. Reduced mouth size. Tip function eases emptying. Triangular locking mechanism. PE liner. Choice of RAL, mica or DB finish.

Capacity: Punto 500 = 32 l; Punto 700 = 45 l

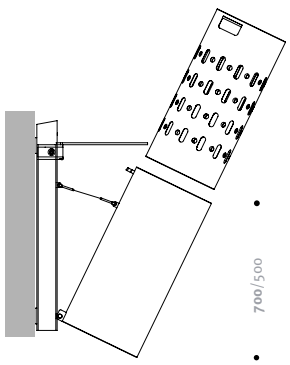
Additional charge: Flange plate. Metal liner. Integrated ash receptacle.

Industrieforum Hannover:
if Seal for design excellence

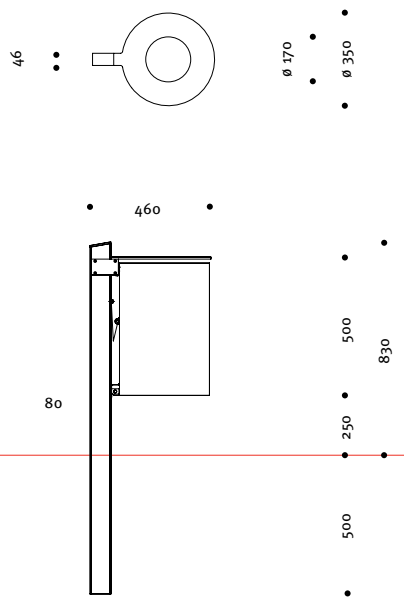
Design: Karsten Winkels

| Product Name | Mounting | Order No. | Colour | Capacity |
|---|---|---|---|---|
| PUNTO 500 | ground | 80.30900.1 | RAL, mica or DB finish | 32 l |
| PUNTO 700 | ground | 80.30901.1 | RAL, mica or DB finish | 45 l |
| PUNTO 500 | wall | 80.30900.3 | RAL, mica or DB finish | 32 l |
| PUNTO 700 | wall | 80.30901.3 | RAL, mica or DB finish | 45 l |

## Product information
www.hess.eu/0301




Order No. 80.30901.3
Order No. 80.30900.3

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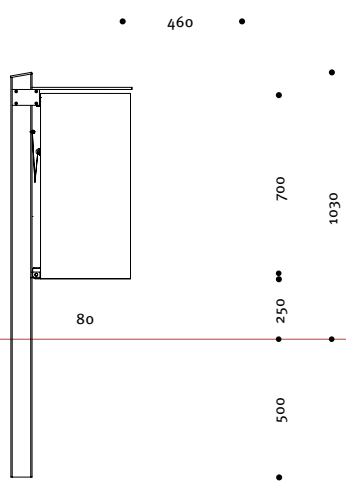


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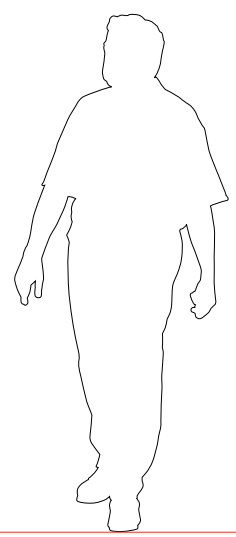
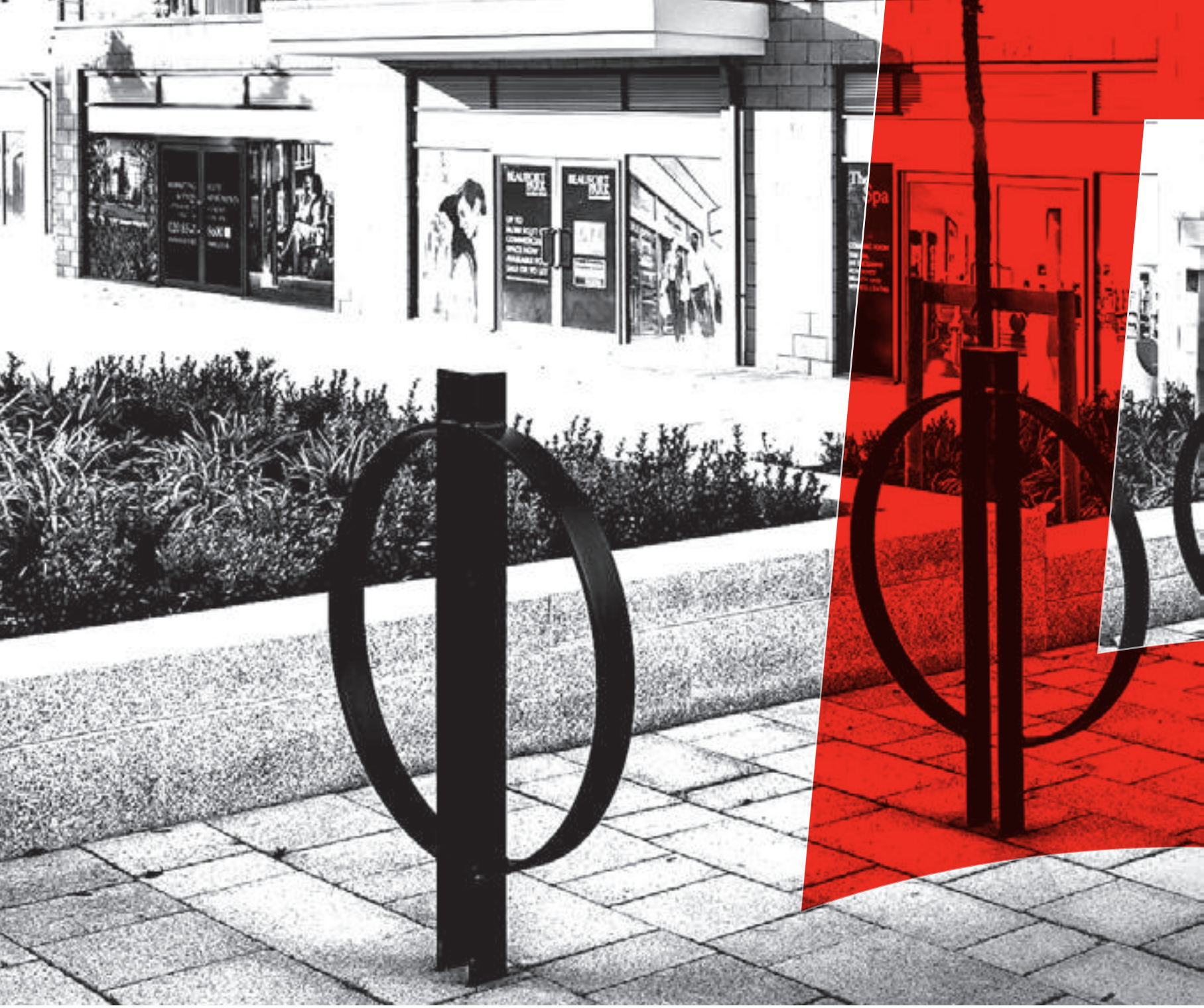


PUNTO
VILLINGEN-SCHWENNINGEN . GERMANY



# BICYCLE RACKS

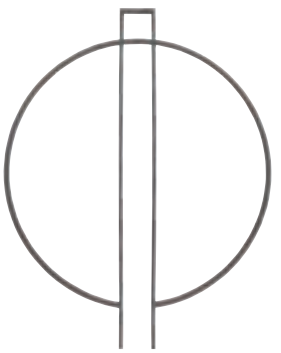
.hess

A welcome sight for bicyclists! Aesthetically pleasing and functionally oriented, Hess bicycle racks feature direct contact between the bike and rack for superior front wheel and theft protection. A must for the integration and accommodation of bicyclists in urban environments.

.hess

# 5 . BICYCLE RACKS

VAREDO
168



CERES
170

TENDO
174

# V A R E D O

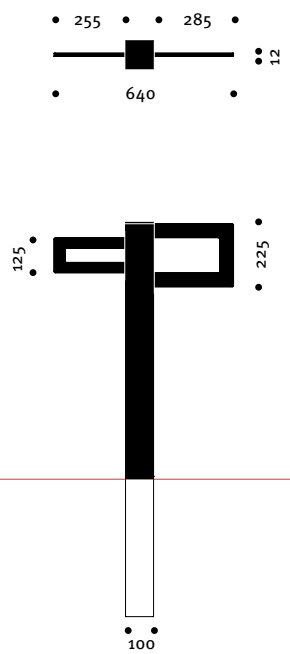
V A R E D O . Bicycle Rack
Bollard with square aluminium section and continuous embedded base. Aluminium U-bracket, welded on All RAL (classic unicolour shades), Hess DB and Hess glimmer colours.

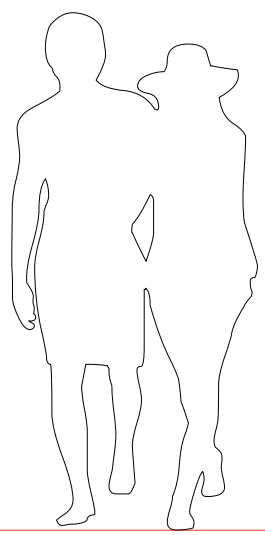
Additional charge: Square flange plate

Design: Jean-Marc Schneider

| Product Name | Order No. | Colour |
|---|---|---|
| VAREDO | 61.12000.0 | RAL, mica or DB finish |

Product information
www.hess.eu/2630



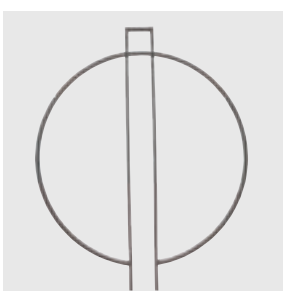



Order No. 61.12000.0

# C E R E S

C E R E S . Bicycle Rack
Galvanised steel construction. Choice of RAL, mica or DB finish.

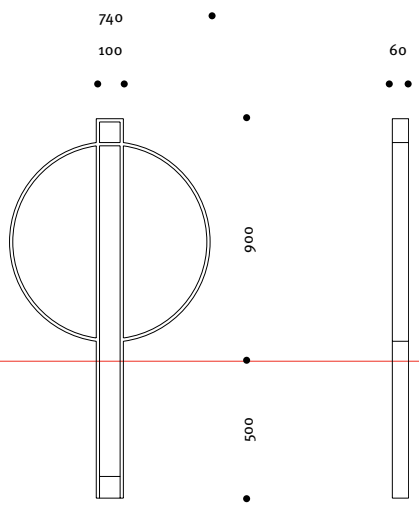
Additional charge: Flange plate.

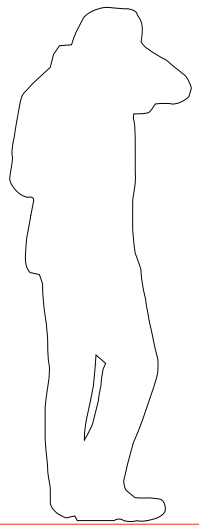


Design: Jean-Michel Wilmotte

| Product Name | Order No. | Colour |
|---|---|---|
| CERES | 61.11700.0 | RAL, mica or DB finish |

Product information
www.hess.eu/0807



Order No. 61.11700.0

CERES

BAUEFORT . LONDON . ENGLAND

# T E N D O

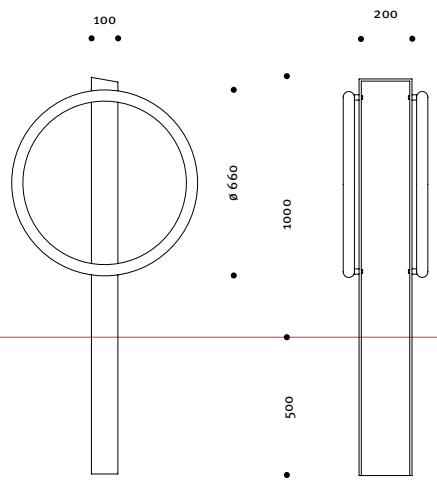
T E N D O . Bicycle Rack
Galvanised steel construction. Choice of RAL, mica or DB finish.

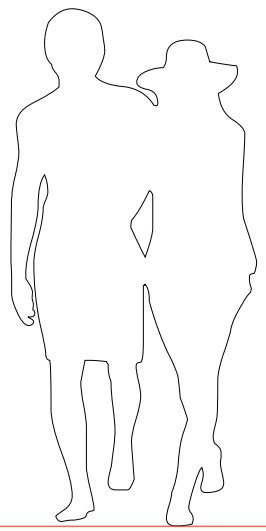
Additional charge: Flange plate.

Design: Karsten Winkels

| Product Name | Order No. | Colour |
|---|---|---|
| TENDO | 61.00010.0 | RAL, mica or DB finish |

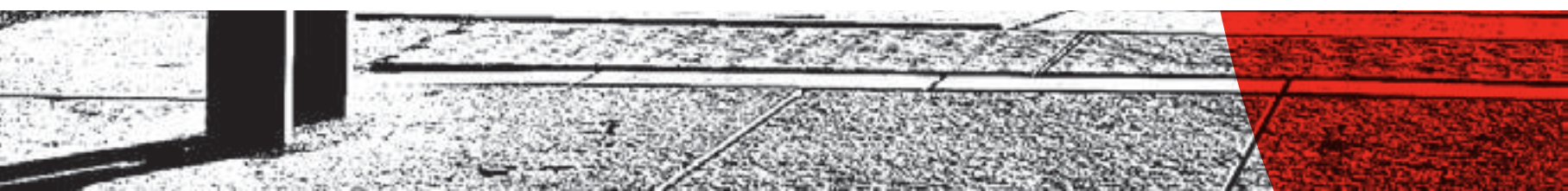
Product information
www.hess.eu/0801



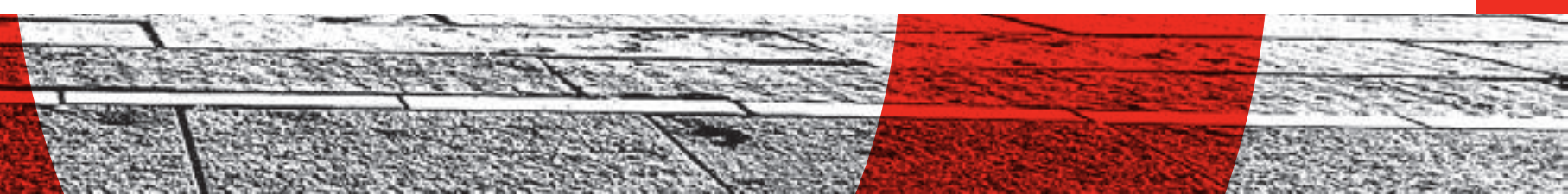
Order No. 61.00010.0

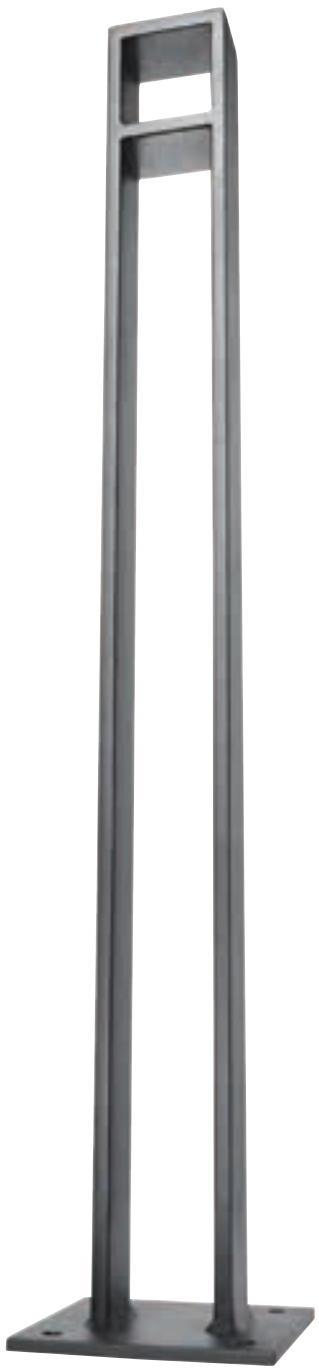
**TENDO**
LOS ANGELES . USA



# BARRIER SYSTEMS

.hess





Hess's range of bollards is distinguished by variety and includes vintage, classic, modern minimalist and avant-garde forms in cast metals or steel. There's something to match every architectural style.

# 6 . BARRIER SYSTEMS

VAREDO
184

REGOR
188

PARIS
200

MORANO
194

TORO
198

# VAREDO

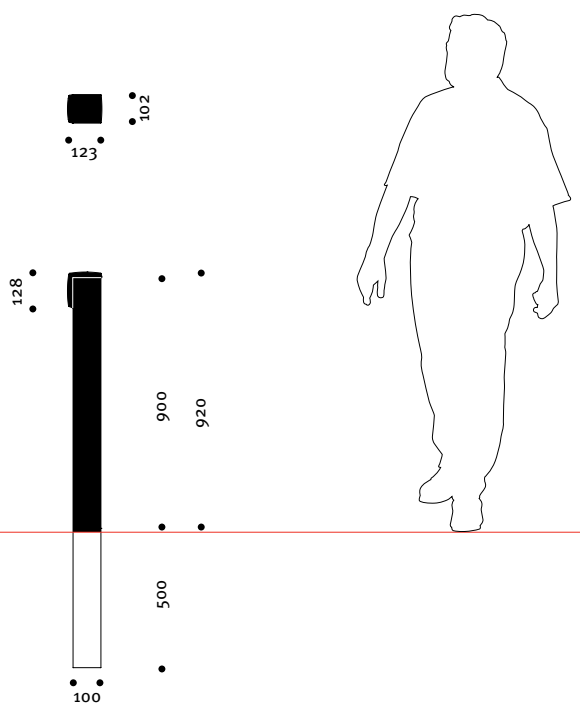
V A R E D O . Barrier Bollard
Blocking bollard with square aluminium tube for fixed installation with continuous embedded base. L-shaped cast-aluminium cap. All RAL (classic unicolour shades), Hess DB and Hess glimmer colours.

Additional charge: Square flange plate

Design: Jean-Marc Schneider

| Product Name | Height | Order No. | Order No. |
|---|---|---|---|
| | | Type A | Type C |
| | mm | fixed | flange mount |
| VAREDO | 900 | 60.15000.0 | 60.15000.2 |

## Product information
www.hess.eu/2650




Order No. 60.14801.2

**REGOR**
VICHY . FRANCE

# R E G O R

R E G O R . Barrier Bollard
Galvanised steel construction. Choice of RAL, mica or DB finish.

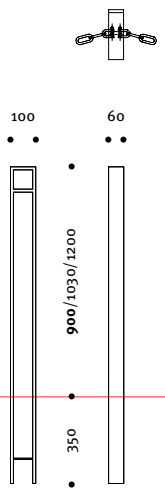
Additional charge: Bicoloured finish (consult factory).
Type C with subsurface flange plate (on request). Chain fastener. Chain

Design: Jean-Michel Wilmotte

| Product Name | Height | Order No. | Order No. | Order No. | Order No. |
|---|---|---|---|---|---|
| | | Type A | Type B | Type C | Type D |
| | mm | fixed | detachable | flange mount | collapsible |
| REGOR | 900 | 60.14800.0 | 60.14800.1 | 60.14800.2 | 60.14800.3 |
| | 1030 | 60.14801.0 | 60.14801.1 | 60.14801.2 | 60.14801.3 |
| | 1200 | 60.14802.0 | 60.14802.1 | 60.4802.2 | 60.14802.3 |

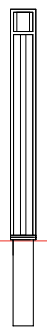
## Product information
www.hess.eu/0711

TYP A



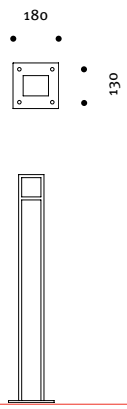

Order No. 60.14800.0

TYP B



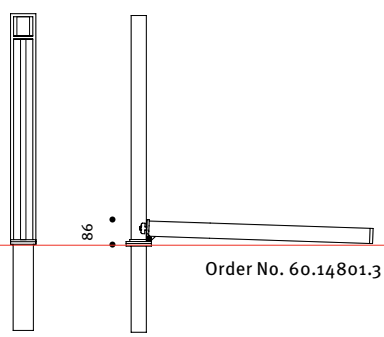
Order No. 60.14801.1

TYP C

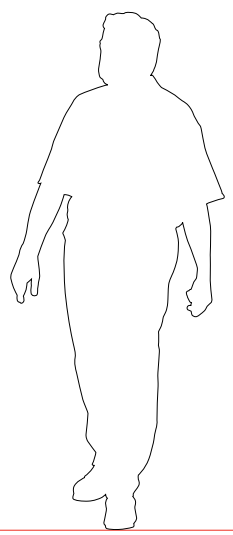



Order No. 60.14801.2

TYP D

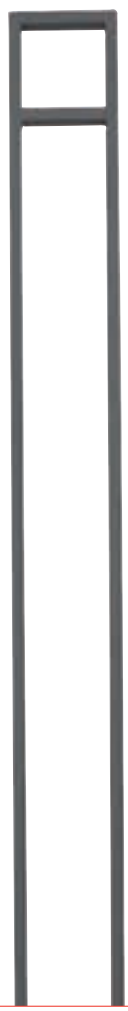



Order No. 60.14801.3



# REGOR

## TYPES OF MOUNTING



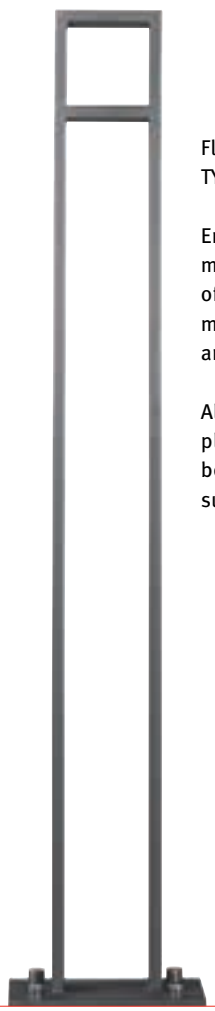
Fixed Bollards
TYPE A

Designed with base that embeds in concrete. Detachment is not possible.

Detachable Bollards
TYPE B

Mount to separate embedded base from which they detach via triangular locking mechanism. Recessed in the top of the bollard, the triangular lock head engages and disengages with a special tool.

The head turns a camshaft engaging or disengaging the bollard in place. The embedded base installs grade flush in a permanent anchor footing.

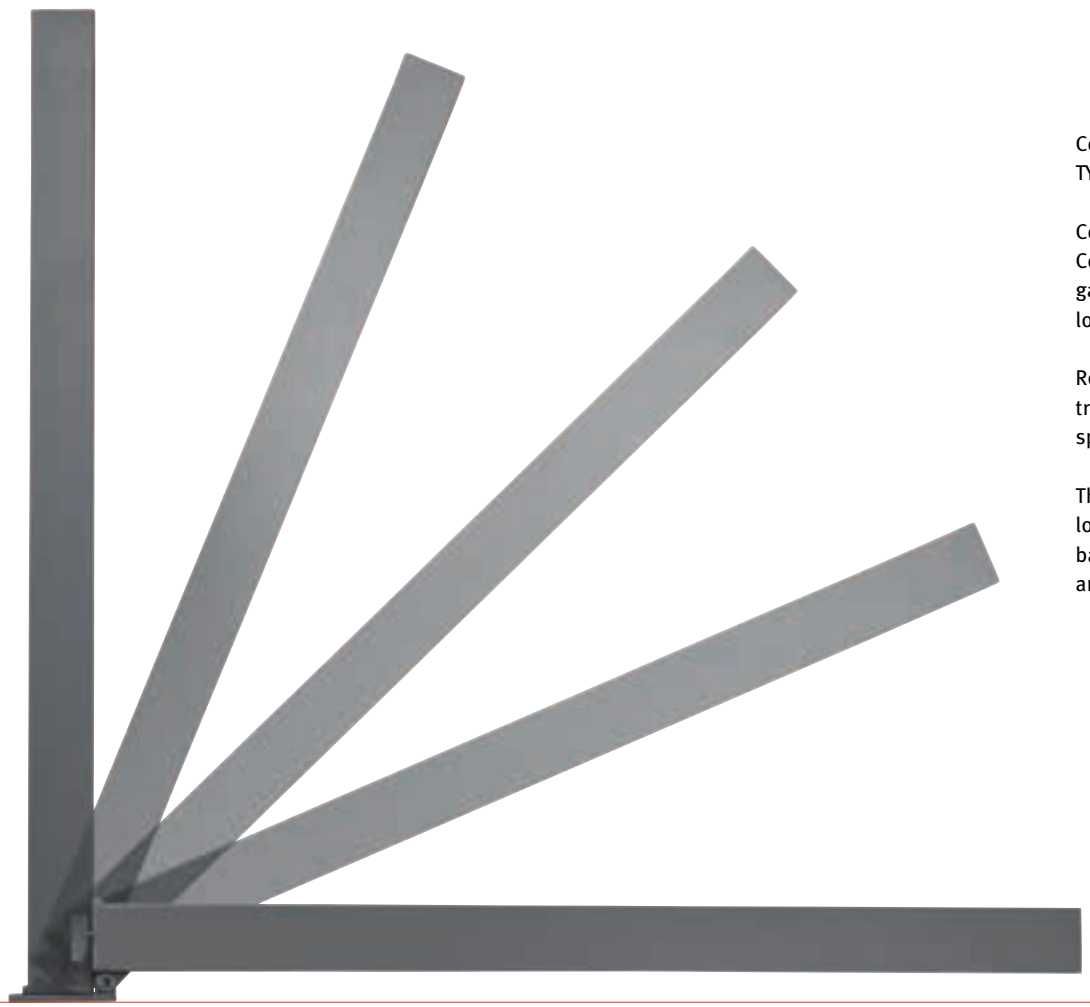


Flange Mount Bollards
TYPE C

Employ a flanged base mounting plate instead of embedded base, which mounts via bolts and screw anchors.

Also available with flange plate that installs 200 mm below grade to enable surfacing, paving, etc.

Product information
www.hess.eu/0711



Collapsible Bollards
TYPE D

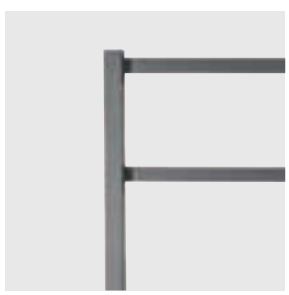
Come with separate embedded base. Collapse at the joint after being disengaged by means of the triangular keyed locking mechanism.

Recessed in the top of the bollard, the triangular lock head operates with a special tool.

The head turns a camshaft releasing or locking the bollard in place. Embedded base installs grade flush in permanent anchor footing.

# REGOR

R E G O R . Barrier System
Galvanised steel rail and post elements combine as site requirements dictate.
90 - 180° post-to-post placement. Choice of RAL, mica or DB finish.



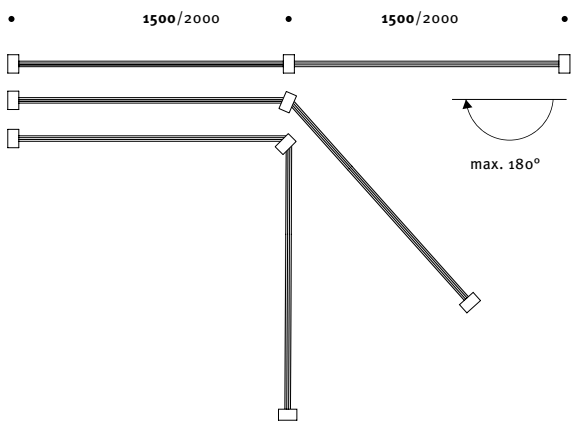
Design: Jean-Michel Wilmotte

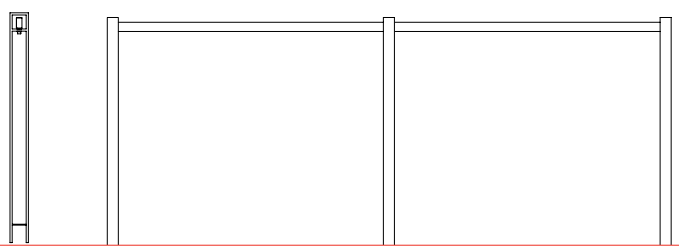
| Product Name | Height | Post | | | |
|---|---|---|---|---|---|
| | mm | Mounting | Suitable for | Suitable for | Rail |
| | | | 1 Rail | 2 Rails | (individual) |
| | | | REGOR 900-1 | REGOR 900-2 | REGOR B 1500 |
| REGOR | 900 | Type A Fixed | 60.14810.0 | 60.14820.0 | 60.64800.1 |
| | 900 | Type C Flange Mount | 60.14810.2 | 60.14820.2 | 60.64800.1 |
| | | | REGOR 1030-1 | REGOR 1030-2 | REGOR B 2000 |
| REGOR | 1030 | Type A Fixed | 60.14811.0 | 60.14821.0 | 60.64801.1 |
| | 1030 | Type C Flange Mount | 60.14811.2 | 60.14821.2 | 60.64801.1 |

## Product information
## www.hess.eu/0712

Post
REGOR 900-1

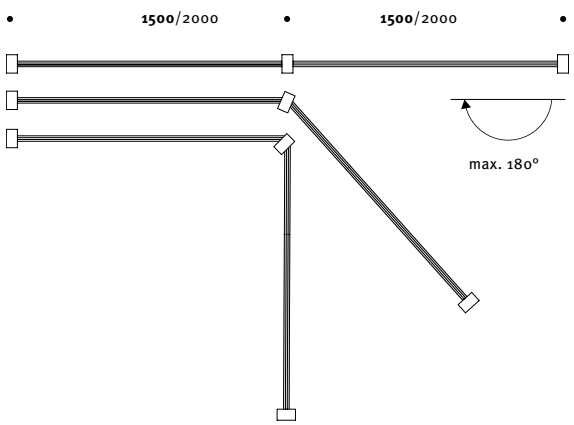
Railing
REGOR B 1500, single

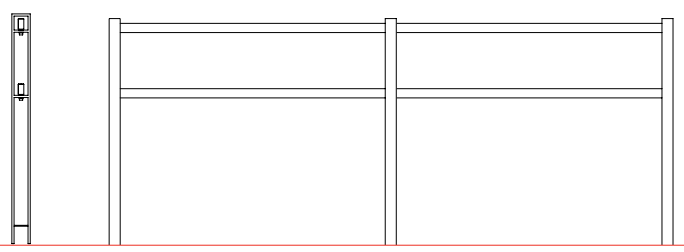


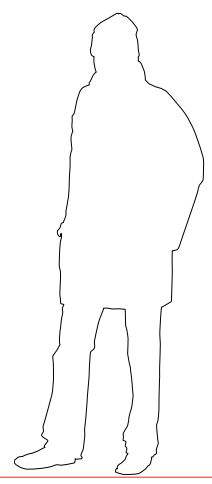



Post
REGOR 900-2

Railing
REGOR B 1500, double





# M O R A N O

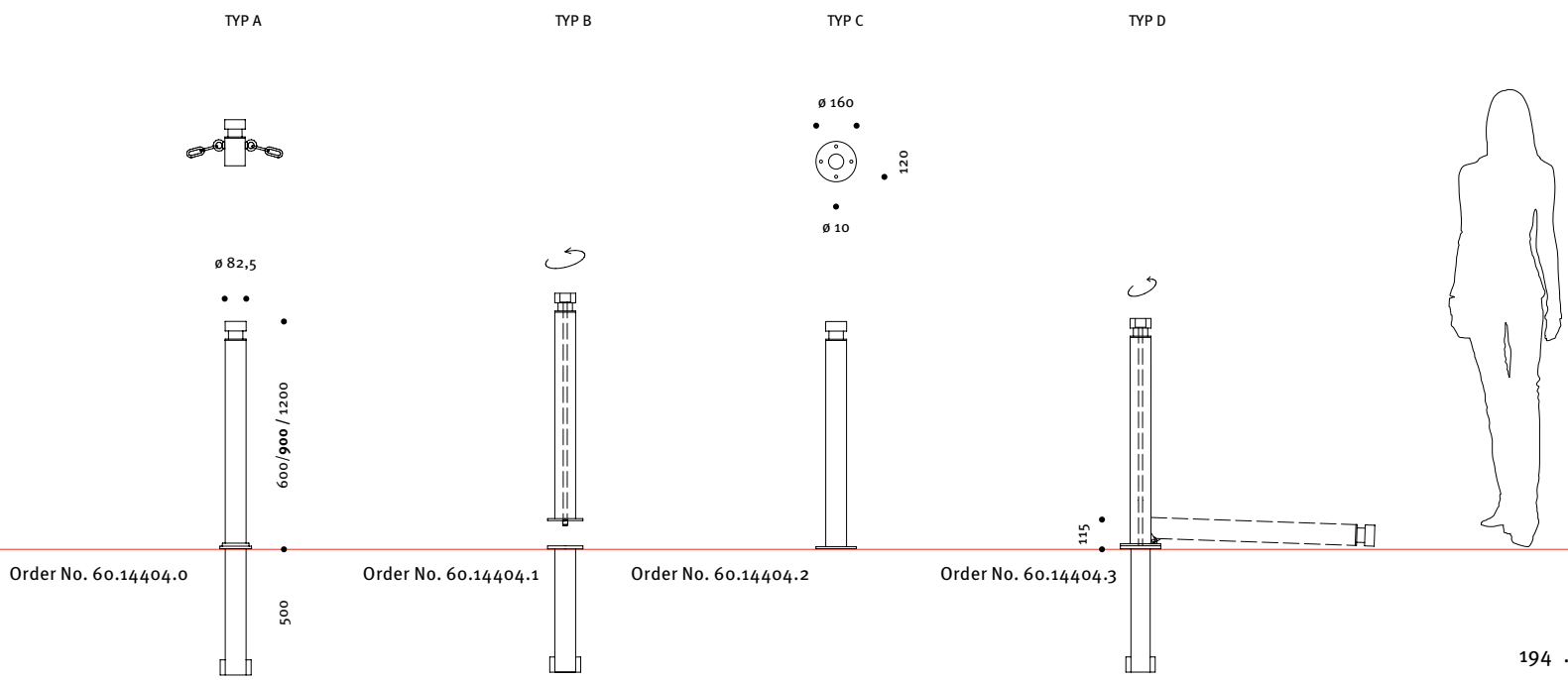
M O R A N O . Barrier Bollard
Galvanised steel bollard construction and aluminium cap.
Choice of RAL, mica or DB finish.

Additional charge: Bicoloured finish (consult factory). Chain fastener. Chain

Design: Karsten Winkels

| Product Name | Height | Order No. | Order No. | Order No. | Order No. |
|---|---|---|---|---|---|
| | | Type A | Type B | Type C | Type D |
| | mm | fixed | detachable | flange mount | collapsible |
| MORANO | 600 | 60.14403.0 | 60.14403.1 | 60.14403.2 | 60.14403.3 |
| | 900 | 60.14404.0 | 60.14404.1 | 60.14404.2 | 60.14404.3 |
| | 1200 | 60.14405.0 | 60.14405.1 | 60.14405.2 | 60.14405.3 |

## Product information
www.hess.eu/0720



**MORANO**
KINTZHEIM . FRANCE

REGOR
BIARRITZ . FRANCE

# T O R O

T O R O . Barrier Bollard
Galvanised steel construction. Choice of RAL, mica or DB finish.

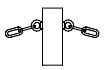
Additional charge: Bicoloured finish (consult factory). Chain link.

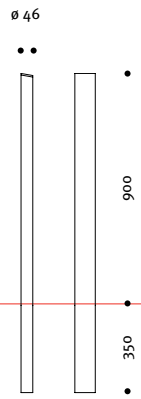
Design: Karsten Winkels

| Product Name | Height | Order No. | Order No. | Order No. | Order No. |
|---|---|---|---|---|---|
| | | Type A | Type B | Type C | Type D |
| | mm | fixed | detachable | flange mount | collapsible |
| TORO | 600 | 60.14201.0 | 60.14201.1 | 60.14201.2 | 60.14201.3 |
| | 900 | 60.14200.0 | 60.14200.1 | 60.14200.2 | 60.14202.4 |
| | 1200 | 60.14203.0 | 60.14203.1 | 60.14203.2 | 60.14203.4 |

## Product information
www.hess.eu/0771

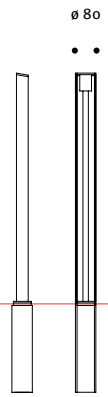
TYP A





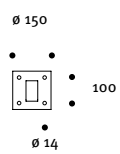

Order No. 60.14200.0

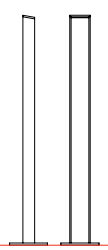
TYP B




Order No. 60.14200.1

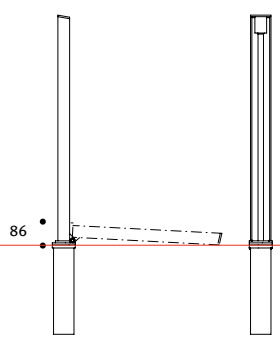
TYP C



Order No. 60.14200.2

TYP D




Order No. 60.14200.3

# PARIS

PARIS 1100. Barrier Bollard
Galvanised steel construction with aluminium cap. Choice of RAL, mica or DB finish.

Additional charge: Bicoloured finish (consult factory).

PARIS 1200. Barrier Bollard
Galvanised steel construction with aluminium cap. Choice of RAL, mica or DB finish.

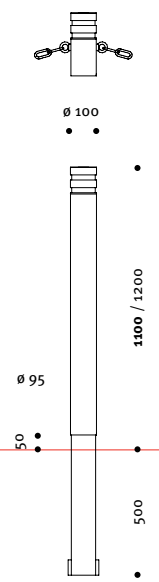
Additional charge: Bicoloured finish (consult factory).

Design: Jean-Michel Wilmotte

| Product Name | Height | Order No. | Order No. | Order No. | Order No. |
|---|---|---|---|---|---|
| | | Type A | Type B | Type C | Type D |
| | mm | fixed | detachable | flange mount | collapsible |
| PARIS 600 | 600 | 60.10301.0 | 60.10301.1 | 60.10301.2 | – |
| PARIS 1100 | 1100 | 60.10302.0 | 60.10302.1 | 60.10302.2 | 60.10302.3 |
| PARIS 1200 | 1200 | 60.10303.0 | 60.10303.1 | 60.10303.2 | 60.10303.3 |

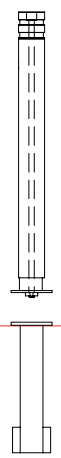
## Product information
www.hess.eu/0702

TYP A



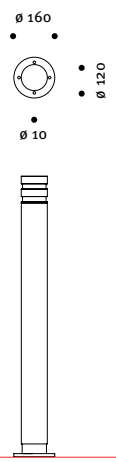

Order No. 60.10302.0

TYP B



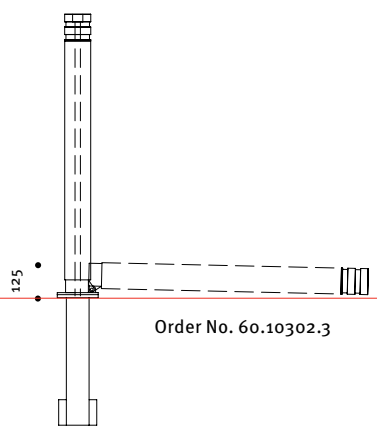
Order No. 60.10302.1

TYP C

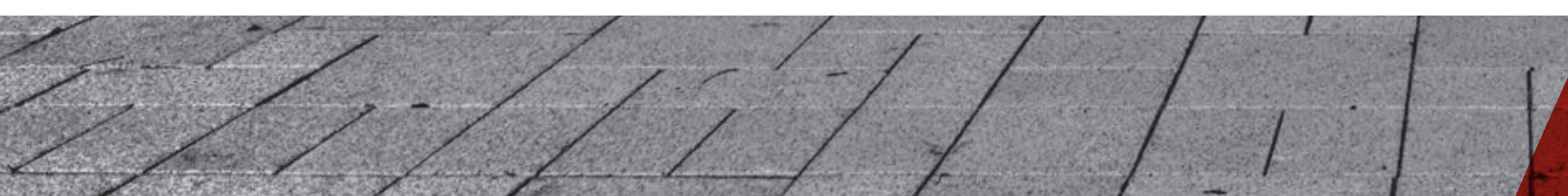



Order No. 60.10302.2

TYP D




Order No. 60.10302.3



# POWER AND WATER BOLLARDS

.hess

Function is the first quality on which power and water bollards are measured. For Hess, packaging function in an attractive suit is by no means of little importance, as is readily apparent.

# 7 . POWER AND WATER BOLLARDS

TOLEDO 250
210

TOLEDO 350
214

MORANO

218

# INSTALLATION

Description of power bollard installation using TOLEDO 250 as an example.

Installation Description

Open Door Operation
During operation, the door remains open and the power cable extends out of the bollard.

Closed Door Operation
The door remains closed during operation with power cable running out of the outlet in the closed door.

1. First, the embedded base installs in the ground.

2. The electrical assembly mounts to the embedded base. Electrical assembly wires to mains. Bollard housing and electrical assembly plate require earthing.

3. Bollard housing slips over the electrical assembly plate.

4. Housing bolts to the embedded base and the assembly plate bolts to the housing (near the door).

5. Out of service

# TOLEDO 250

TOLEDO 250 GS. Power Bollard
Designed for closed door operation. Comes with two access doors and cable outlet. Steel housing galvanised in and out. Includes separate bolt-on embedded base with two cable openings. Access doors come with cylinder locks for reliable safety and security. Electrical assembly plate provided for configuration by others. Choice of RAL, RAL, mica or DB finish.

Additional charge: Electrical configuration GS 1 – GS 6, pre-wired and ready for connection.

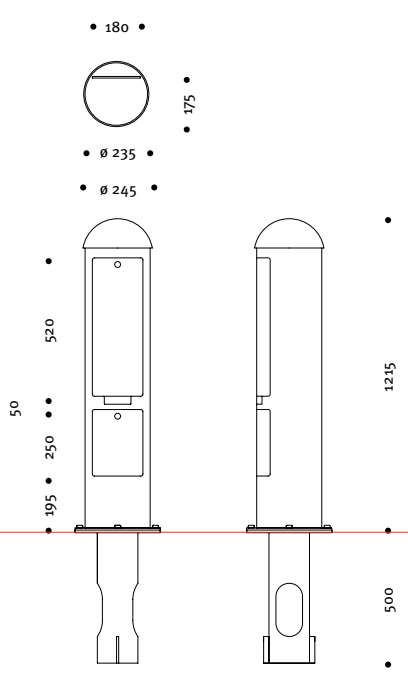
TOLEDO 250 W. Water Bollard
Designed for open door operation. Comes with two access doors.

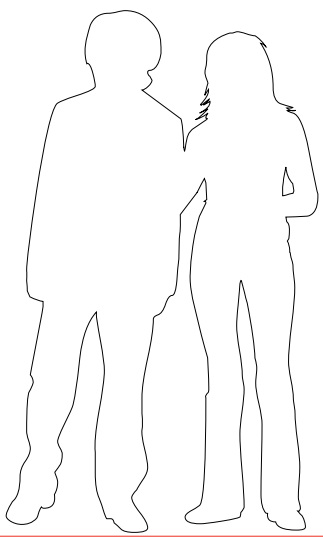
Fig.: Configuration examples

| Product Name | Housing Art. No. | Colour |
|---|---|---|
| TOLEDO 250 GS | 60.12405.0 | RAL, mica or DB finish |
| TOLEDO 250 W | 60.12412.0 | RAL, mica or DB finish |

Order No.: Housing Art. No. + Configuration

## Product information
www.hess.eu/0791



# TOLEDO 250

IMPORTANT: Operation of the power bollard shall be subject to applicable local and national codes, guidelines and laws. The electrical assembly plate is designed for configuration by others (GS 0). Any other configurations shown here serve solely as examples of potential con-figurations.

| Configuration | Schuko 250 V / 16 A | CEE 250 V / 16 A 3p. 6 h | CEE 400 V / 16 A 5p. 6 h | CEE 400 V / 32 A 5p. 6 h |
|---|---|---|---|---|
| GS 0 | – | – | – | – |
| GS 1 | 6 | – | – | – |
| GS 2 | – | 6 | – | – |
| GS 3 | 3 | – | 1 | – |
| GS 4 | 3 | – | – | 1 |
| GS 5 | – | 3 | 1 | – |
| GS 6 | – | 3 | – | 1 |

*

| Configuration | Water Faucet $^3/_4$" | Water Metre $^3/_4$" cold | Shut-off Valve $^5/_4$" |
|---|---|---|---|
| W 1 | 2 | 2 | 1 |

* For illustration purposes only

| Automatic Circuit Breaker B Type | | | Underground Cable Max. |
|---|---|---|---|
| 16 A | 16 A | 32 A | 1 x |
| 1p. | 3p. | 3p. | 5 x 16² |
| – | – | – | – |
| 6 | – | – | 1 |
| 6 | – | – | 1 |
| 3 | 1 | – | 1 |
| 3 | – | 1 | 1 |
| 3 | 1 | – | 1 |
| 3 | – | 1 | 1 |

# TOLEDO 350

TOLEDO 350 GS. Power Bollard
Designed for closed door operation. Comes with two access doors and cable outlet. Steel housing galvanised in and out. Includes separate bolt-on embedded base with two cable openings. Access doors come with cylinder locks for reliable safety and security. Electrical assembly plate provided for configuration by others. Choice of RAL, mica or DB finish.

Additional charge: Electrical configuration GS 7 – GS 12, pre-wired and ready for connection.

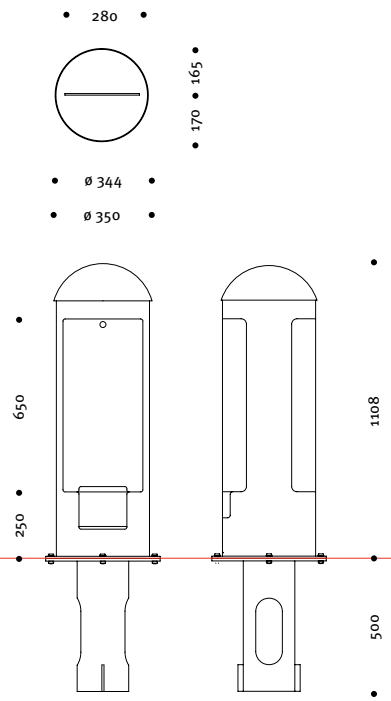
TOLEDO 350 W. Water Bollard
Designed for open door operation. Comes with one access door.

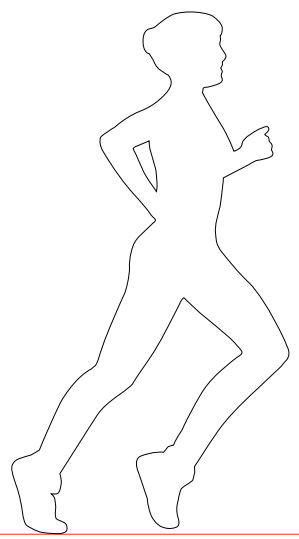
Fig.: Configuration examples

| Product Name | Housing Art. No. | Colour |
|---|---|---|
| TOLEDO 350 GS | 60.12404.0 | RAL, mica or DB finish |
| TOLEDO 350 W | 60.12421.0 | RAL, mica or DB finish |

Order No.: Housing Art. No. + Configuration

## Product information
www.hess.eu/0792



# TOLEDO 350

IMPORTANT: Operation of the power bollard shall be subject to applicable local and national codes, guidelines and laws. The electrical assembly plate is designed for configuration by others (GS 0). Any other configurations shown here serve solely as examples of potential con-figurations.

| Configuration | Schuko 250 V / 16 A | CEE 250 V / 16 A 3p. 6 h | CEE 400 V / 16 A 5p. 6 h | CEE 400 V / 32 A 5p. 6 h | Automatic Circuit Breaker B Type | | |
|---|---|---|---|---|---|---|---|
| | | | | | 16 A | 16 A | 32 A |
| | | | | | 1p. | 3p. | 3p. |
| GS 0 | – | – | – | – | – | – | – |
| GS 7 | 10 | – | – | – | 10 | – | – |
| GS 8 | – | 10 | – | – | 10 | – | – |
| GS 9 | 6 | – | 2 | – | 6 | 2 | – |
| GS 10 | 6 | – | – | 2 | 6 | – | 2 |
| GS 11 | – | 4 | 2 | – | 4 | 2 | – |
| GS 12 | – | 4 | – | 2 | 4 | – | 2 |

| Configuration | Water Faucet $^3/_4$" | Water Metre $^3/_4$" cold | Shut-off Valve $^5/_4$" |
|---|---|---|---|
| W 1 | 3 | 3 | 1 |

* For illustration purposes only

| RCD | | Underground | |
|---|---|---|---|
| Bodily Injury Protection 30 mA | | Cable Max. | |
| 40 A | 63 A | 2 x | 2 x |
| 4p. | 4p. | 5 x $16^2$ | 5 x $25^2$ |
| – | – | – | – |
| 2 | – | 1 | A |
| 2 | – | 1 | A |
| 2 | – | 1 | A |
| 1 | 1 | 1 | A |
| 2 | – | 1 | A |
| 1 | 1 | 1 | A |

A = on request

# MORANO

MORANO GS. Power Bollard
Designed for closed door operation. Comes with two access doors and cable outlet. Steel housing galvanised in and out. Includes separate bolt-on embedded base with two cable openings. Electrical assembly plate provided for configuration by others. Access doors come with cylinder locks for reliable safety and security. Choice of RAL, mica or DB finish.

Additional charge: Electrical configuration GS 1 – GS 6, pre-wired and ready for connection.

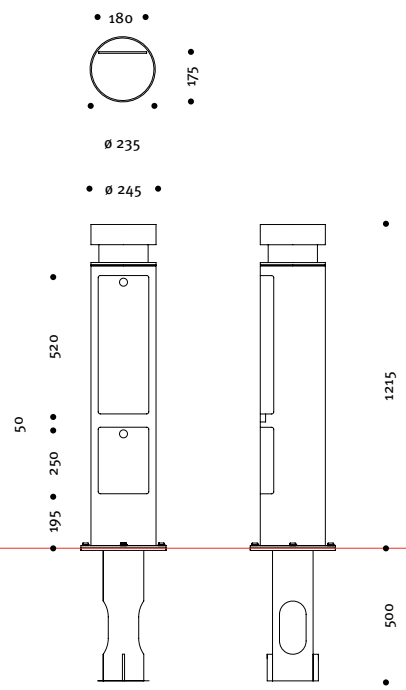
MORANO W. Water Bollard
Designed for open door operation. Comes with two access doors.

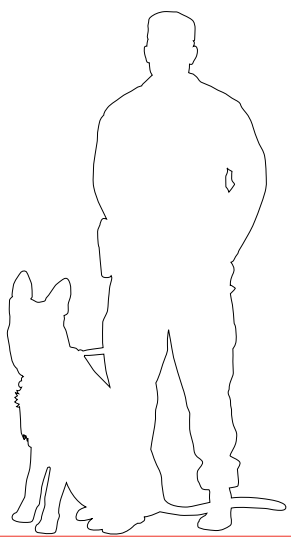
Fig.: Configuration examples

| Product Name | Housing Art. No. | Colour |
|---|---|---|
| MORANO GS | 60.14401.0 | RAL, mica or DB finish |
| MORANO W | 60.14410.0 | RAL, mica or DB finish |

Order No.: Housing Art. No. + Configuration

## Product information
www.hess.eu/0795



# MORANO

IMPORTANT: Operation of the power bollard shall be subject to applicable local and national codes, guidelines and laws. The electrical assembly plate is designed for configuration by others (GS 0). Any other configurations shown here serve solely as examples of potential con-figurations.

| Configuration | Schuko 250 V / 16 A | CEE 250 V / 16 A 3p. 6 h | CEE 400 V / 16 A 5p. 6 h | |
|---|---|---|---|---|
| | | | | |
| * GS 0 | – | – | – | – |
| GS 1 | 6 | – | – | – |
| GS 2 | – | 6 | – | – |
| GS 3 | 3 | – | 1 | – |
| GS 4 | 3 | – | – | 1 |
| GS 5 | 3 | – | 1 | – |
| GS 6 | – | 3 | – | 1 |

| Configuration | Water Faucet $^3/_4$" | Water Metre $^3/_4$" cold | Shut-off Valve $^5/_4$" |
|---|---|---|---|
| | | | |
| W 1 | 2 | 2 | 1 |

* For illustration purposes only

| | Automatic Circuit Breaker B Type | | | Underground Cable Max. |
|---|---|---|---|---|
| | 16 A | 16 A | 32 A | 1 x |
| | 1p. | 3p. | 3p. | 5 x $16^2$ |
| | – | – | – | – |
| | 6 | – | – | 1 |
| | 6 | – | – | 1 |
| | 3 | 1 | – | 1 |
| | 3 | – | 1 | 1 |
| | 3 | 1 | – | 1 |
| | 3 | – | 1 | 1 |

HOTEL ÖSCHBERGHOF

# PLANTERS

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Decoratively useful shapes and proportions – Hess makes public design complete and all-encompassing. Available in different sizes, Hess planters beautify streetscapes and add green vitality to urban and corporate environments.

# 8 . PLANTERS

PALMA Q
228

PALMA R
230

PALMA L

234

# PALMA Q

PALMA Q . Planter . Square
Aluminium construction with closed bottom. Includes non-adjusting feet.
Choice of RAL, mica or DB finish.

NOTE: Version B-Outdoor - Comes with drain pipe assembly and
plug for outdoor use.

Palma Q 800/900

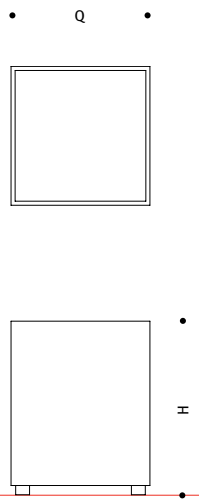
Palma Q 600

Palma Q 800/540

Design: Klaus Begasse

| Product Name | Order No. | | Colour | Dimensions in mm | |
|---|---|---|---|---|---|
| | | | | Q | H |
| | Version A-INDOOR | Version B-OUTDOOR | | | |
| PALMA Q 300 | 90.21600.0 | 90.21601.0 | RAL, mica or DB finish | □ 300 | 375 |
| PALMA Q 400 | 90.21600.1 | 90.21601.1 | RAL, mica or DB finish | □ 400 | 540 |
| PALMA Q 600 | 90.21600.2 | 90.21601.2 | RAL, mica or DB finish | □ 600 | 750 |
| PALMA Q 800/540 | 90.21600.3 | 90.21601.3 | RAL, mica or DB finish | □ 800 | 540 |
| PALMA Q 800/900 | 90.21600.4 | 90.21601.4 | RAL, mica or DB finish | □ 800 | 900 |

## Product information
www.hess.eu/0890



Palma Q 400

Palma Q 300

# PALMA R

PALMA R . Planter . Round
Aluminium construction with closed bottom. Includes non-adjusting feet.
Choice of RAL, mica or DB finish.

NOTE: Version B-Outdoor - Comes with drain pipe assembly and plug for outdoor use.

Palma R 800/900

Palma R 600

Palma R 800/540

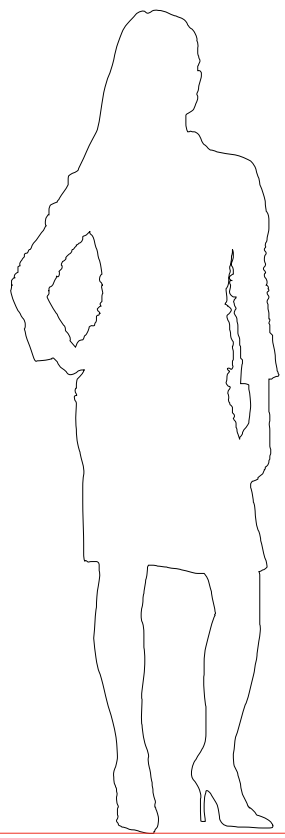
Design: Klaus Begasse

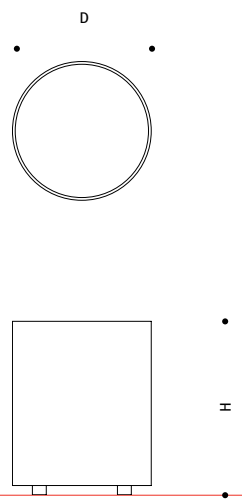
| Product Name | Order No. | | Colour | Dimensions in mm | |
|---|---|---|---|---|---|
| | | | | D | H |
| | Version A - INDOOR | Version B - OUTDOOR | | | |
| PALMA R 300 | 90.21500.0 | 90.21500.0 | RAL, mica or DB finish | ø 300 | 375 |
| PALMA R 400 | 90.21500.1 | 90.21501.1 | RAL, mica or DB finish | ø 400 | 540 |
| PALMA R 600 | 90.21500.2 | 90.21501.2 | RAL, mica or DB finish | ø 600 | 750 |
| PALMA R 800/540 | 90.21500.3 | 90.21501.3 | RAL, mica or DB finish | ø 800 | 540 |
| PALMA R 800/900 | 90.21500.4 | 90.21501.4 | RAL, mica or DB finish | ø 800 | 900 |

## Product information
www.hess.eu/0895

Palma R 400

Palma R 300





PALMA Q
DONAUESCHINGEN . GERMANY

# PALMA L

PALMA L . Planter . Long
Aluminium construction with closed bottom. Includes non-adjusting feet.
Choice of RAL, mica or DB finish.

NOTE: Version B-Outdoor - Comes with drain pipe assembly and plug for outdoor use.

Palma L 800/600

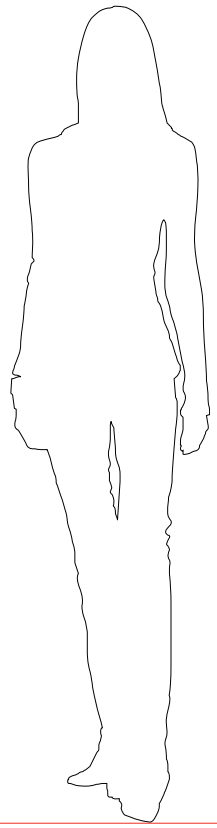
Palma L 600/400

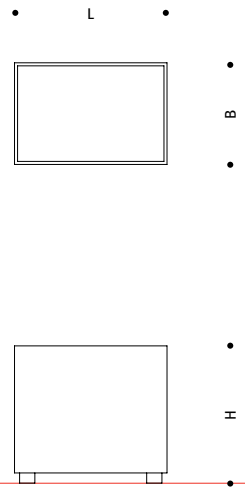
Design: Klaus Begasse

| Product Name | Order No. | | Colour | Dimensions in mm | | |
|---|---|---|---|---|---|---|
| | | | | L | B | H |
| | Version A - INDOOR | Version B - OUTDOOR | | | | |
| PALMA L 450/300 | 90.21700.0 | 90.21700.0 | RAL, mica or DB finish | 450 | 300 | 375 |
| PALMA L 600/400 | 90.21700.1 | 90.21701.1 | RAL, mica or DB finish | 600 | 400 | 540 |
| PALMA L 800/600 | 90.21700.2 | 90.21702.1 | RAL, mica or DB finish | 800 | 600 | 75 |

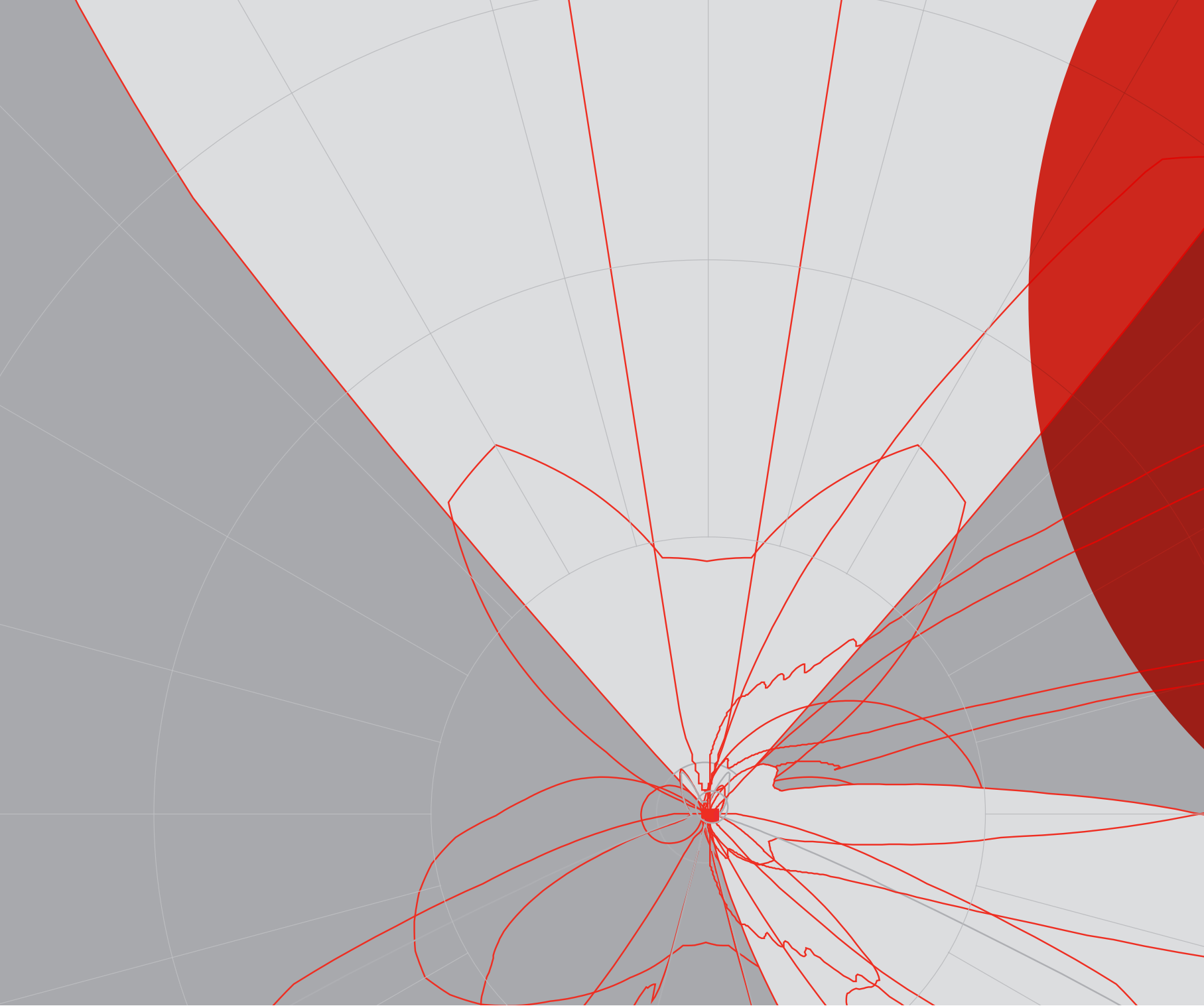
L Length
B Width
H Height

## Product information
www.hess.eu/0891





Palma L 450/300



# TECHNICAL INFORMATION

.hess

# SYMBOLE

With the purchase of Hess luminaires, the customer obtains the assurance of excellent quality and enduring durability. Hess's DIN ISO 9001 certification is evidence of its commitment to providing high quality service and products. Hess GmbH commits itself to compliance with all existing environmental laws and regulations. Hess's DIN EN ISO 9001 certification verifies our compliance.

Hess lighting systems comply with national and international safety regulations. The applicable indications are displayed on the rating plates.

Excluding the luminaires with Class III protection rating, all Hess luminaires are designed to operate with 230 V, 50 Hz supply voltage in compliance with DIN-IEC 38.

## SAFETY SYMBOLS

**ENEC**
The ENEC mark (European Norms Electrical Certification) is a European approval and certification marking for lighting fixtures and electrical components used in lighting systems. It certifies that a product complies with currently applicable European standards and signifies that inspection by the respective testing institute has been performed. The ENEC marking appears together with the identification number of the national testing institute and is often displayed with the institute's logo. Every Hess product is CE-compliant. ENEC certificates are available for selected models in the various product families.

**CE**
The CE marking signifies that the product conforms to all the essential requirements of all relevant EU directives.It is applied to the luminaire, packaging or accompanying documents by the manufacturer or importer. It is not the mark of any particular approval institute.

**F Mark**
Luminaires suitable for mounting on normally combustible surfaces.

## TECHNICAL SYMBOLS

Minimum distance to illuminated surface

Nominal temperature of cables

High pressure sodium lamp requires an external ignitor.

High pressure sodium lamp requires an internal ignitor.

## SAFETY CLASSIFICATIONS

The luminaires are designated in three classes according to the protection they provide against high contact voltage.

**Protection rating I:** Luminaires in this class have basic electrical insulation and all of their potentially electrically conductive parts are connected to a protective conductor. The protective conductor displays this marking.

**Protection rating II:** Live parts are fitted with additional insulation.
Connection to a protective conductor is not permitted.

**Protection rating III:** Luminaires in this class operate on safety low voltage (SELV) and require no extra protective measures.

**Wood from sustained forest management:** The ash used for the benches has been obtained from sources using PEFC certified forest management practices. PEFC is the world's leading certification organisation for sustainable forestry.

## INGRESS PROTECTION SYMBOLS

Splash water protected
**Ingress protection IPX4**

Multi-directional nozzle projected water protection
**Ingress protection IPX5**

Watertight (immersible under limited conditions)
**Ingress protection IPX7**

Submersible (prolonged submersion under pressure)
**Ingress protection IPX8**

Dust protected
**Ingress protection IP5X**

Dust tight
**Ingress protection IP6X**

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www.zwei14.de

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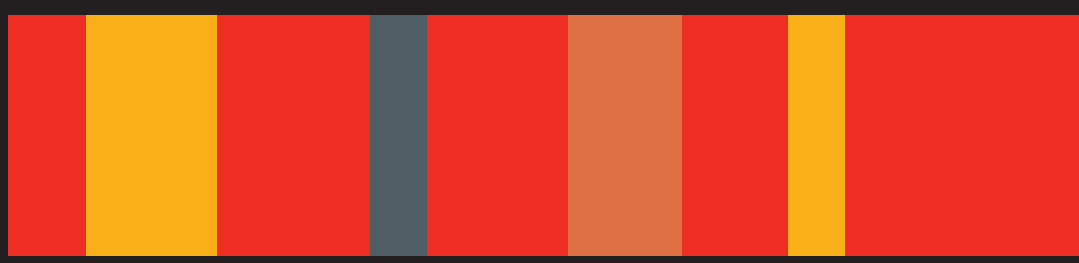
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