

















































## TECHNICAL DATA

design G.Perin &amp; G.Topan

vertical internal structure	<u>melamine</u> : 18 mm thick chipboard (density 720 kg/m <sup>3</sup> , formaldehyde emission compliant with EU Regulation 2023/1464 and EPA TSCA Title VI), faced with anti-reflex melamine resins and edged with ABS (0,5 mm th.). The outer side features metal inserts for fixing the decorative panel in place. It is equipped with a 5 mm high adjustment aluminium foot (+12 mm) for floor levelling. The panel is provided with a hole for the passage of led light cables.
finishing baseboard	Made of 1 mm thick folded metal sheet, H. 63 mm, epoxy powder-coated with an embossed finish. Fixed to the lower edge of the vertical internal structure with self-tapping screws.
finishing panels	<p><u>melamine</u>: 18 mm thick chipboard (density 720 kg/m<sup>3</sup>, formaldehyde emission compliant with EU Regulation 2023/1464 and EPA TSCA Title VI), faced with anti-reflex melamine resins and edged with ABS (0,5 mm th.).</p> <p><u>lacquered</u>: 18 mm thick chipboard (density 720 kg/m<sup>3</sup>, formaldehyde emission compliant with EU Regulation 2023/1464 and EPA TSCA Title VI), faced with anti-reflex melamine resins and edged with ABS (0,5 mm th.). The surface is covered with a polyurethane-based lacquer in a glossy or matt version.</p> <p>The front, upper and lower finishing panels, with a height of 18"1/2, are interchangeable with each other, while the corner finishing panels are joined at 45° on the edge.</p>
reception top	<p><u>melamine</u>: 25 mm thick chipboard (density 720 kg/m<sup>3</sup>, formaldehyde emission compliant with EU Regulation 2023/1464 and EPA TSCA Title VI), faced with anti-reflex melamine resins and edged with ABS (2 mm thick with rounded edges). The tops are 28" deep and come with metal top accesses as standard, except for the corner module top, where this is optional.</p> <p>The lowered reception modules have a depth of 29"3/8 or 41"1/8.</p> <p>The top is supported by brackets fixed to the vertical internal structure. The brackets are made of 4 mm thick metal sheet, painted with epoxy powders.</p>
finishing top	70 mm high, obtained by folding 18 mm thick MDF panels. The depth of the top is 8"1/4. The top is fixed to the structural panel using concealed epoxy powder-coated metal sockets and brackets. All rectangular tops are perforated on the inside in a central position to allow for the attachment of a glass shelf.
closing and intermediate side	<p><u>melamine</u>: 25 mm thick chipboard (density 720 kg/m<sup>3</sup>, formaldehyde emission compliant with EU Regulation 2023/1464 and EPA TSCA Title VI), faced with anti-reflex melamine resins and edged with ABS (2 mm th. with rounded edges).</p> <p><u>lacquered</u>: 25 mm thick chipboard (density 720 kg/m<sup>3</sup>, formaldehyde emission compliant with EU Regulation 2023/1464 and EPA TSCA Title VI), faced with anti-reflex melamine resins and edged with ABS (2 mm th. with rounded edges). The surface is covered with a polyurethane-based lacquer in a glossy or matt version.</p> <p>Each panel is equipped with feet that allow a +10 mm range for floor levelling and supporting brackets for fixing shelves and tops. The middle panel has a Ø 3"1/8 cable hole.</p>

top access	<u>metal</u> : epoxy powder coated aluminium. The upper part includes an epoxy powder coated extruded aluminium door and a dust cover profile at the exit. The door can be opened on one side only. Maximum door opening: 90°. Not included in 90° closed corner reception modules and lowered reception modules. W. 12"1/2 D. 4"3/4 H. 1"					
cable tray	Made of 1 mm thick metal sheet, with openings (2" long) at each end to allow continuous cabling. The tray can be inspected and is secured under the reception counter with sockets. Only included in compositions. Dimensions: W. 19"5/8 / 39"3/8 / 147"1/4 / 63" D. 5"3/4 H. 3"1/2					
reception base module dimensions	W	D	H			
	28"	29"1/2	42"7/8			
	47"1/4	29"1/2	42"7/8			
	63"	29"1/2	42"7/8			
	78"3/4	29"1/2	42"7/8			
corner module dimensions	angolo chiuso 90°			angolo aperto 90°		
	W	D	H	W	D	H
	29"1/2	29"1/2	42"7/8	27"1/2	27"1/2	42"7/8
DDA reception module dimensions	W	D	H	W	D	H
	28"	41"3/8	29"1/8	28"	29"1/2	29"1/8
	47"1/4	41"3/8	29"1/8	47"1/4	29"1/2	29"1/8
	63"	41"3/8	29"1/8	63"	29"1/2	29"1/8
vertical internal structure finishes	<u>melamine</u> <div><div></div> MBI White<div></div> MNV Black velvet</div>					
baseboard finishes	<u>metal</u> <div><div></div> ZGBI White embossed painted RAL 9010<div></div> ZGNE Black embossed painted RAL 9005</div>					
finishing panel finishes	<u>melamine</u> <div><div></div> MBI White<div></div> MRO Oak<div></div> MNV Black velvet<div></div> MTR Dove<div></div> MNC Walnut<div></div> MOB Light elm<div></div> MFN Black ash</div>					
	<u>matt laquered</u> <div><div></div> LAW1 White RAL 9016<div></div> LAB0 Gentle blue RAL 250 60 15<div></div> LAG5 Green grey RAL 7009<div></div> LAV0 Maize yellow RAL 1006<div></div> LAB1 LED Blue RAL 260 40 45<div></div> LANE Black RAL 9011<div></div> LAR0 Titian red RAL 050 50 60<div></div> LAG0 Pebble grey RAL 7032<div></div> LL99 Custom colour</div>					
	<u>glossy laquered</u> <div><div></div> LLW1 White RAL 9016<div></div> LLB0 Gentle blue RAL 250 60 15<div></div> LLG5 Green grey RAL 7009<div></div> LLV0 Maize yellow RAL 1006<div></div> LLB1 LED Blue RAL 260 40 45<div></div> LLNE Black RAL 9011<div></div> LLR0 Titian red RAL 050 50 60<div></div> LLG0 Pebble grey RAL 7032<div></div> LL99 Custom colour</div>					
top access and cable tray finishes	<u>metal</u> <div><div></div> BI White RAL 9010<div></div> AS Aluminium silk 9006<div></div> NE Black RAL 9005</div>					

work top and reception finishes	<b><u>melamine</u></b>  MBI White  MRO Oak  MNV Black velvet  MTR Dove  MNC Walnut  MOB Light elm  MFN Black ash		
top finishes	<b><u>matt laquered</u></b>  LAW1 White RAL 9016  LAB0 Gentle blue RAL 250 60 15  LAG5 Green grey RAL 7009  LAV0 Maize yellow RAL 1006  LAB1 LED Blue RAL 260 40 45  LANE Black RAL 9011  LAR0 Titian red RAL 050 50 60  LAG0 Pebble grey RAL 7032  LL99 Custom colour <hr/> <b><u>glossy laquered</u></b>  LLW1 White RAL 9016  LLB0 Gentle blue RAL 250 60 15  LLG5 Green grey RAL 7009  LLV0 Maize yellow RAL 1006  LLB1 LED Blue RAL 260 40 45  LLNE Black RAL 9011  LLR0 Titian red RAL 050 50 60  LLG0 Pebble grey RAL 7032  LL99 Custom colour		
closing and intermediate side finishes	<b><u>melamine</u></b>  MBI White  MTR Dove  MNV Black velvet <hr/> <b><u>matt laquered</u></b>  LAW1 White RAL 9016  LAB0 Gentle blue RAL 250 60 15  LAG5 Green grey RAL 7009  LAV0 Maize yellow RAL 1006  LAB1 LED Blue RAL 260 40 45  LANE Black RAL 9011  LAR0 Titian red RAL 050 50 60  LAG0 Pebble grey RAL 7032  LL99 Custom colour <hr/> <b><u>glossy laquered</u></b>  LLW1 White RAL 9016  LLB0 Gentle blue RAL 250 60 15  LLG5 Green grey RAL 7009  LLV0 Maize yellow RAL 1006  LLB1 LED Blue RAL 260 40 45  LLNE Black RAL 9011  LLR0 Titian red RAL 050 50 60  LLG0 Pebble grey RAL 7032  LL99 Custom colour		

## OPTIONALS

1. glass shelf	<p><u>Clear extrafloat glass</u> thickness 10 mm. Fixed to the reception top using rectangular steel studs (12x3x1.5 cm) with double fixing points for a perfect hold.</p> <p>W. 23"5/8 / 39"3/8 / 47"1/4 / 55"1/8 D. 11"3/4</p>
2. 42"7/8 high service unit	<p>structure in melamine-faced chipboard with anti-reflex resins, thickness 18 mm, MDF top thickness 18 mm, covered with a polyurethane-based lacquer in glossy or matt finish.</p> <p>A metal grid, 13"7/8x5"5/8, is located on the bottom part of the unit, complete with an 3"1/8 diameter hole to allow both cable management and PC ventilation. The unit comes standard with a 25 mm thick removable melamine shelf (max load 55 lb). The cabinet can be open or fitted with a door with a handle (pitch 5") and lock.</p> <p>The lower compartment of the open service unit can be completed with melamine drawer units fitted with a simultaneous lock and soft-closing system:</p> <p>(A) drawer unit with 3 drawers</p> <p>(B) drawer unit with 1 drawer and 1 file cabinet with metal filing frame kit for A4 files, partially extractable.</p> <p>Open cabinet dimensions: W. 17"3/8 D. 29"1/2 H. 42"7/8</p> <p>Cabinet with door dimensions: W. 17"3/8 D. 30"1/4 H. 42"7/8</p>

## ENDING INTERMEDIATE

3. hanging return top	consisting of a 25 mm thick chipboard top and leg (density 720 kg/m <sup>3</sup> , formaldehyde emissions compliant with EU Reg. 2023/1464 and EPA TSCA Title VI), finished with anti-reflex melamine resins and edged with 2 mm thick ABS on the visible sides with vertical grain. A 3 mm thick steel sheet reinforcing bracket (W. 4" D. 2"7/8 H. 2"7/8) is fixed between the leg and the top. The leg is equipped with two 6 mm high nylon feet (Ø 1") that allow +10 mm adjustment for levelling.
4. closing and intermediate side for hanging return top	<p>The return top can be completed with a closing or intermediate side panel depending on the composition.</p> <p><u>melamine</u>: 25 mm thick chipboard (density 720 kg/m<sup>3</sup>, formaldehyde emission compliant with EU Regulation 2023/1464 and EPA TSCA Title VI), faced with anti-reflex melamine resins and edged with ABS (2 mm th. with rounded edges).</p> <p><u>lacquered</u>: 25 mm thick chipboard (density 720 kg/m<sup>3</sup>, formaldehyde emission compliant with EU Regulation 2023/1464 and EPA TSCA Title VI), faced with anti-reflex melamine resins and edged with ABS (2 mm th. with rounded edges). The surface is covered with a polyurethane-based lacquer in a glossy or matt version.</p> <p>Each panel is equipped with feet that allow a +10 mm range for floor levelling and supporting brackets for fixing shelves and tops. The middle panel has a Ø 3"1/8 cable hole.</p>
5. hanging return top with service unit	<p>consisting of a top service unit.</p> <p><u>Top</u>  <u>melamine</u>: 25 mm thick chipboard (density 720 kg/m<sup>3</sup>, formaldehyde emission compliant with EU Reg. 2023/1464 and EPA TSCA Title VI), finished with anti-reflex melamine resins and edged in ABS (2 mm thick with rounded edges). The top is supported by two brackets fixed to the top and resting on the service unit. The brackets are made of 5 mm thick steel sheet, painted with epoxy powders. L. 31"1/2 / 39"3/8 / 47"1/4 D. 16"1/2 / 23" 5/8 thickness 1"</p> <p><u>service unit</u>  <u>structure</u>: composed of 18 mm thick chipboard sides, top, bottom and back (density 720 kg/m<sup>3</sup>, formaldehyde emissions compliant with EU Reg. 2023/1464 and EPA TSCA Title VI), finished with anti-reflex melamine resins and ABS edging (0.45 mm thick). Each side panel has double holes with a 32 mm pitch for attaching the shelves. It comes with a removable shelf in 1" thick melamine-faced chipboard. The body has 4 ABS feet, 1" high, which allow + 10 mm adjustment for levelling.</p> <p><u>doors</u>: 18 mm thick chipboard (density 720 kg/m<sup>3</sup>, formaldehyde emission class E1, meets CARB requirements), melamine-faced with anti-reflex resins and ABS edging (2 mm thick with rounded edges). They are equipped with a lock with removable cylinder (to allow the code to be changed) and are supplied with 2 keys, one of which is folding. The hinges are made of steel with 110° opening and are integrated with soft-closing to dampen the door's closure. The doors are designed for the attachment of handles with a 5" pitch.</p> <p><u>Filing cabinet</u>: composed of fronts and frames.</p> <p><u>filing cabinet fronts</u>: made of 18 mm thick chipboard panels (density 720 kg/m<sup>3</sup>, formaldehyde emissions compliant with EU Reg. 2023/1464 and EPA TSCA Title VI) finished with anti-reflex melamine resins and edged with 2 mm thick ABS with rounded corners. The surfaces can be covered with a polyurethane-based lacquer. They are designed for the attachment of handles with a 5" pitch.</p> <p><u>filing cabinet frames</u>: made of epoxy powder-coated steel sheet, mounted on ball bearing slides and equipped as standard with 2 dividers for storing hanging files of different sizes. The filing cabinet is equipped with an anti-tilt system and a simultaneous lock, located on the top front panel. The closing mechanism features rotating rods. The lock is equipped with a removable cylinder to allow the code to be changed and is supplied with 2 keys, one of which is folding. It is equipped with a soft-closing device to dampen the closing of the drawer.</p>

## 6. LED

LED option includes: Flexible silicone LED strip + LED strip connectors.

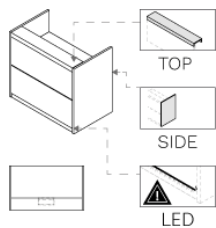
LED strip: curved silicone protective cover, flexible strip (9.6 W/m 480 LEDs/m 3000 K, 24 VOLTS). Quick installation with adhesive tape and custom cutting.

Connectors:

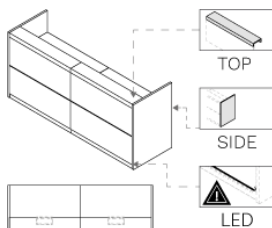
- In-line connector (for two LED strips).
- Connector cable (L. 50 mm) for corner module (for two LED strips).

## ABACUS | reception compositions

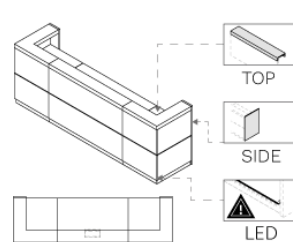
W. 49"5/8 / 65"3/8 / 81"1/8  
D. 29"1/2 H. 42"7/8



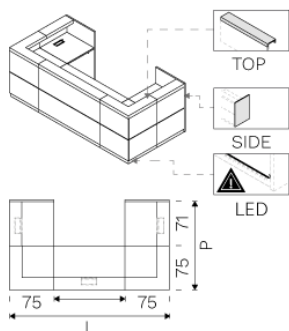
W. 96"7/8 / 128"3/8 / 159"7/8  
D. 29"1/2 H. 42"7/8



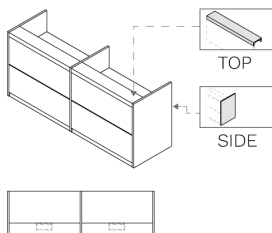
W. 106"1/4 / 122" / 137"3/4  
D. 30"3/4 H. 42"7/8



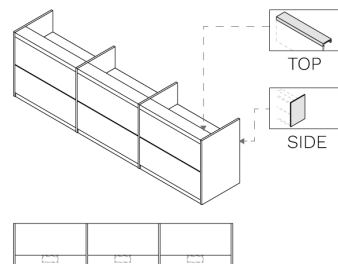
W. 106"1/4 / 122" / 137"3/4  
D. 58"5/8 H. 42"7/8



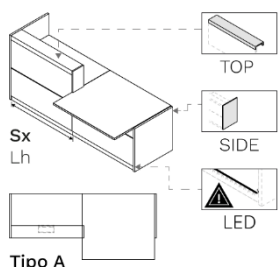
W. 98" / 129"1/2 / 161"  
D. 29"1/2 H. 42"7/8



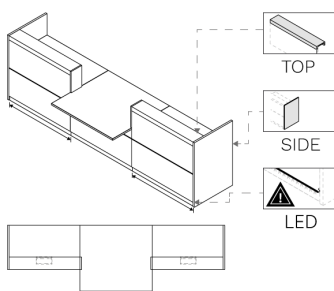
L. 146"1/2 / 193"3/4  
D. 29"1/2 H. 42"7/8



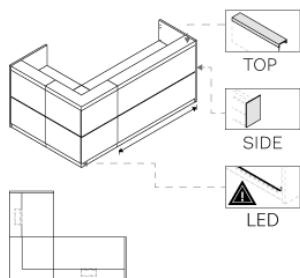
W. 96"7/8 / 112"5/8 / 128"3/8  
D. 41"3/8 H. 42"7/8



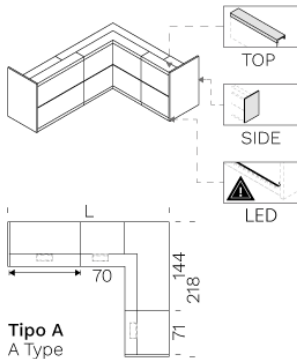
W. 144"1/8 / 175"5/8 / 207"1/8  
D. 41"3/8 H. 42"7/8



W. 78" / 93"3/4 / 109"1/2  
D. 58"5/8 H. 42"7/8



W. 105"1/8 / 120"7/8 / 136"5/8  
D. 85"7/8 H. 42"7/8

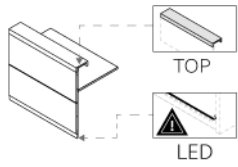


## ABACUS | Reception modules and sides

### Reception modules

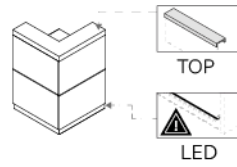
#### Linear module

W. 28" / 47"1/4 / 63" / 78"3/4  
D. 29"1/2 H. 42"7/8



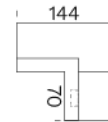
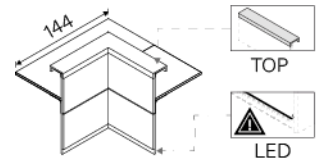
#### 90° closed corner module

W. 29"1/2 D. 29"1/2 H. 42"7/8



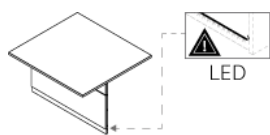
#### 90° open corner module

W. 27"1/2 D. 27"1/2 H. 42"7/8



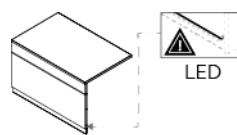
#### Lowered DDA reception module

W. 28" / 47"1/4 / 63" D. 29"1/2 H. 29"1/8



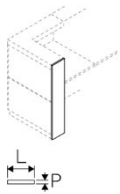
#### Lowered DDA reception module

W. 28" / 47"1/4 / 63" D. 29"1/2 H. 29"1/8

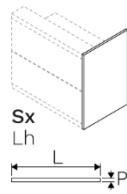


### Sides

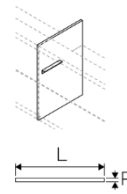
#### Closing side



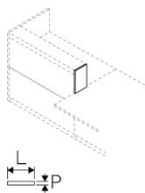
#### Closing side



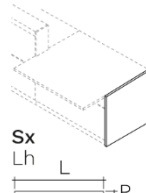
#### Intermediate side



#### Closing side for different height



#### Closing side for lowered DDA reception module



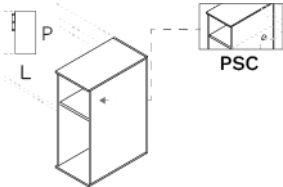
## ABACUS | OPTIONALS

1. glass shelf



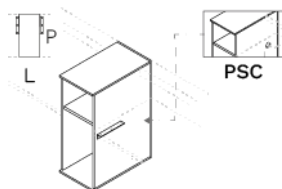
2. service unit

Open ENDING unit

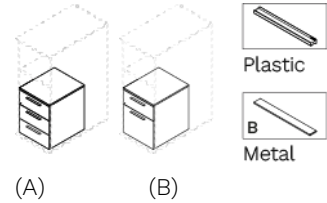


Dx  
Rh

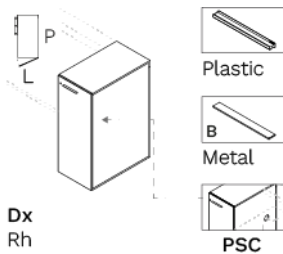
Open INTERMEDIATE unit



Pedestals for open service units

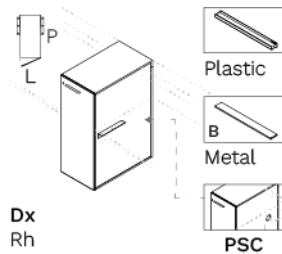


ENDING unit with door



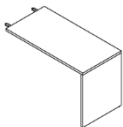
Dx  
Rh

INTERMEDIATE unit with door

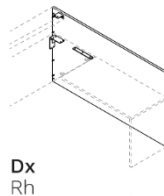


Dx  
Rh

3. return top

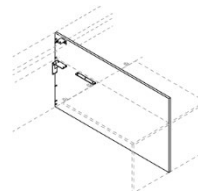


4. closing side for hanging return top



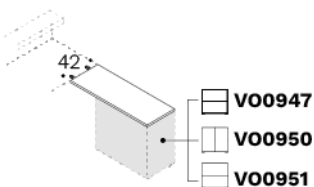
Dx  
Rh

4. intermediate side for hanging return top

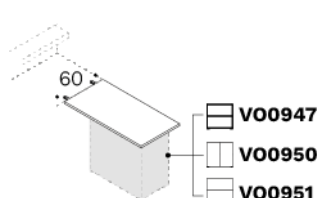


5. hanging return top with service unit

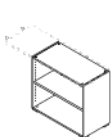
Top for service unit - D. 16"1/2



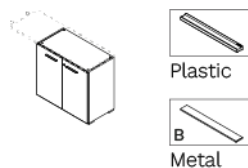
Top for service unit - D. 23"5/8



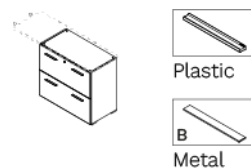
Open service unit



Service unit with 2 doors



Service unit with two filing units



**ABACUS | LED OPTION**

5. LED

Flexible LED strip



In-line connector for 2 LED strips



Cable to connect 2 LED strips for corner module (cable W. 50 mm)



**ABACUS | Handles**

**ABS handle (Plastic)**



material: Plastic  
pitch: 5"



BI White  
RAL 9010



AO Aluminium



NE Black  
RAL 9005

**Metal handle (Metal) - Spike/Alplus/Velvet/Asset/Vogue/Pop (B)**



materiae: zamak  
pitch: 5"



BI White  
RAL 9010



AO Aluminium



NE Black  
RAL 9005



CR Polished  
chrome