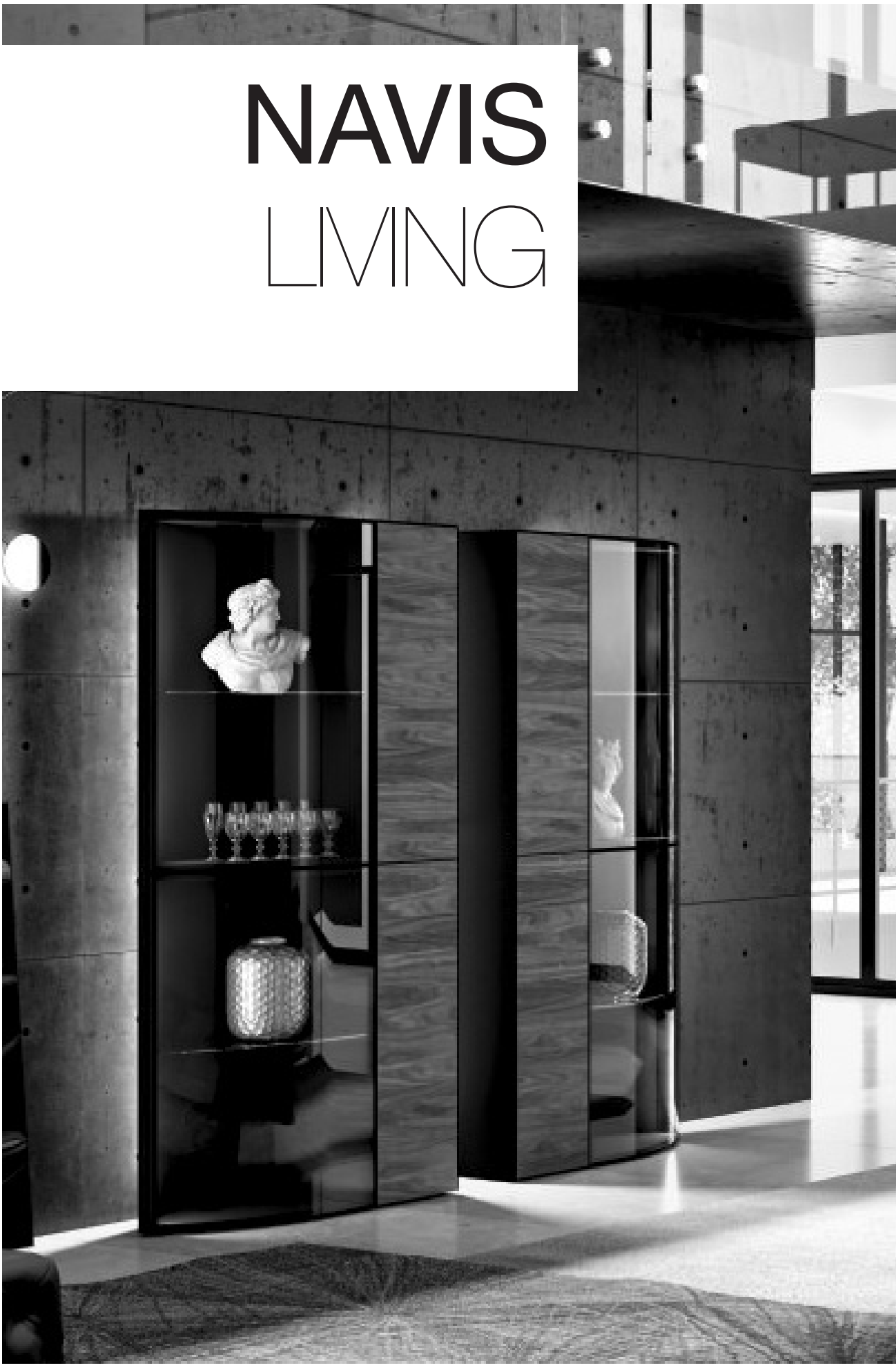
hülsta

NAVIS
LIVING



NAVIS LIVING

NAVIS makes a strong statement about standards and style in the room. Magnanimous in radiance and elegant in form – NAVIS opens a new class in modern interior design. Gentle curves in intricate glass which flow smoothly into fine lacquer surfaces, natural wood and strong metal provide every unit in the range with the charisma of a most expressive solitary unit. The almond shape harmonises perfectly with structured lacquer and ceramics; an optional substructure and intelligent ambience lighting add a touch of lightness and plasticity to the range.

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Lists of versions

Model no.	Straight fronts*	Model no.	Elliptical fronts **, angled shelves, metal substructures	Model no.	Cover shelf and side(s)
648	Pure white lacquer	**648**	Pure white lacquer	**648**	Pure white lacquer
665	Anthracite structured lacquer	**665**	Anthracite structured lacquer	**665**	Anthracite structured lacquer
053	Core walnut natura			**160**	Ceramic zaha stone
051	Oak natura			**161**	Ceramic storm nero

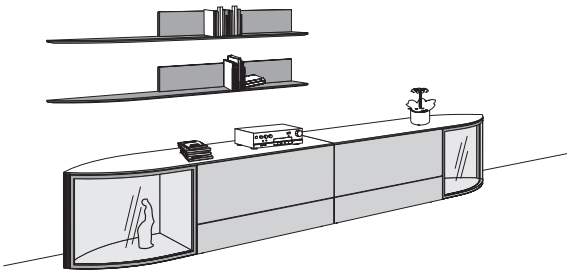
Notes:
* Interior carcase of straight fronts in standard grey lacquer
** Interior carcase of elliptical fronts in chosen version (pure white lacquer or anthracite structured lacquer)

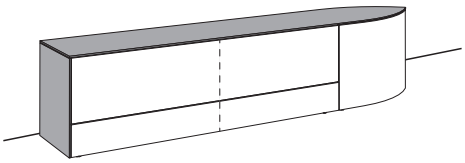
Explanation of versions

Dark grey shading in the sketches
= Components in pure white lacquer or anthracite structured lacquer

Light grey shading in the sketches
= Components in pure white lacquer, anthracite structured lacquer, core walnut natura or oak natura

Cover shelf and side(s):
Cover shelf and side(s) in versions of pure white lacquer, anthracite structured lacquer, ceramic zaha stone or ceramic storm nero





Important notes

Low- and sideboards as a floor or a wall unit:
Please state clearly in the order, whether the low- and sideboards are to be planned as a floor or a wall unit.

Interior carcase version:
Interior carcase of straight fronts in standard grey lacquer, interior carcase of elliptical fronts in chosen version (pure white lacquer or anthracite structured lacquer)

Glass versions:
Glass fronts with the pure white lacquer version in clear glass, glass fronts with the anthracite structured lacquer version in stained glass. Fitted glass shelves in clear glass.

Metal substructures:
Metal substructures powder coated in pure white lacquer or anthracite structured lacquer. Please state the required version clearly in the order! Metal substructures incl. adjustable legs.

Standard interior fittings:
Fitted wooden shelves are fitted behind doors at 2 Raster intervals and fitted glass shelves are fitted behind glass doors.

Functional frame:
Functional frame always in white lacquer.

Drawer frames in grey

Wall units:
Lowboards and wall units always incl. wall bracket

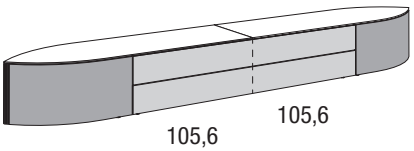
Combinations of floor and wall units:
If floor and wall units are combined within an arrangement, there must not be any skirting boards in the room near the floor units, otherwise they must be removed.

Max. load:
Max. load of wooden and glass shelves (up to 70.4 cm width) as well as drawers: 25 kg
Max. load of wooden and glass shelves (between 70.4 and 105.6 cm width): 15 kg;
from 105.6 cm width: 10 kg
Max. load of cover shelves: 35 kg per metre length for floor units. Please also note any maximum loads which may be stated in the type list for the individual units!

hülsta-Push-to-open: Drawers, flaps and doors with hülsta-Push-to-open

Information on the sketches

Split drawer frames:
Split drawer frames are used for drawers in front widths of 140.8 cm and 176.0 cm (the partitions are shown by dotted lines in the sketches). The front widths of the drawers are illustrated at the sketches of the units so that you can order suitable accessories for the drawers.



Range introduction

Wall fitting

Important notes: Generally speaking, you as a dealer/qualified fitter are responsible for the correct wall mounting of the units. That is why wall mounting should only be carried out by properly trained and qualified fitters. hülsta supplies materials for mounting units on walls for nearly all the units and which should be used for safety and for constructional reasons. The assembly materials supplied by hülsta (plugs, screws) are only suitable for fitting components on to concrete in firmness class C12/15.
For other materials (please see separate materials table in the wall composition chapter) we provide you with an assembly mortar set as an extra order. Please note that this assembly mortar set is also only suitable for the materials listed in the materials table. If walls are made up of other materials (e.g. plastered or lighter wall materials), one should use another method of mounting better suited to the load on site. Please note that if the units are not mounted properly on the wall, there is a risk of the units falling down or tipping over – especially when alternative mounting materials acquired on site have been used.
For the reasons stated above it is absolutely essential to enquire about the composition of any walls before signing any contracts.

Wall units

If lowboards are included as wall units, a maximum load per unit of 15 kg per metre must not be exceeded for reasons of stability! Max. load 15 kg per metre:

179.2 cm width: 25.0 kg
214.4 cm width: 30.0 kg
215.6 cm width: 30.0 kg
249.6 cm width: 30.0 kg
250.8 cm width: 30.0 kg
284.8 cm width: 35.0 kg
286.0 cm width: 35.0 kg
321.2 cm width: 40.0 kg
355.2 cm width: 40.0 kg
356.4 cm width: 40.0 kg

The wall units can only be fitted on absolutely solid walls. Light masonry is not suitable for this purpose.

For each project please remember to leave a 2.0 cm gap at the top to be able to mount units.

Please state clearly in the order, whether the low- and sideboards are to be planned as a floor or a wall unit.

Labelling in type list drawings / assembly notes for wall units

Labelling in type list drawings / assembly notes for wall units
The Navis functional frames are always fitted on the wall for floor units and for wall units. The number of wall mounting points = screws is marked in the drawings in the type list with numbers in black boxes. Please be sure to note here the information and notes in the “Wall composition” chapter!

4
6

Notes on delivery

Notes on delivery:
The majority of the units are delivered standard as **fully connected units (glued)** so that the carcase **cannot be disassembled.** There are however some **exceptions** to this rule:

1

Some carcases are delivered as complete units but can be **disassembled into individual sections** in the final customer's home. These types are marked with a **1** in the type list.

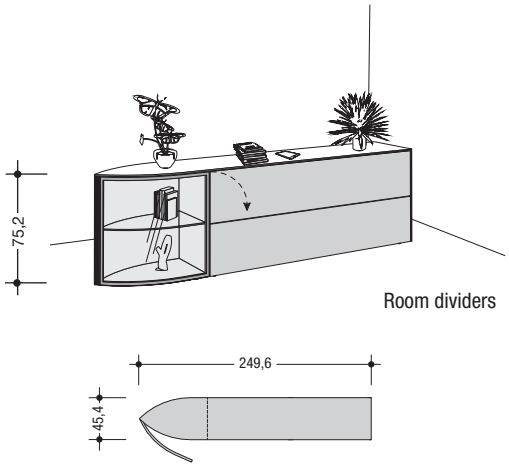
2

Some carcases are delivered **in individual sections** because of their size. These types are marked with a **2** in the type list.

The fronts with the number **2** are delivered separately and can therefore always be (dis-) assembled.

Suggested combinations

As an alternative to planning an individual unit from the complete range there is the possibility of choosing from specially suggested combinations. This eases planning. Incorporating accessories can enhance the suggested combinations. These are charged extra.



as illustr. v. versa

980006
981006

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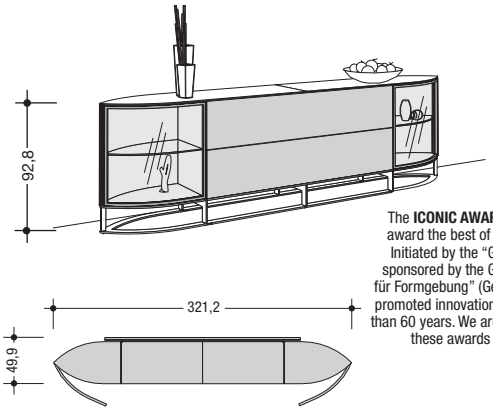

ICONIC AWARDS 2018 INNOVATIVE INTERIOR winner

The **ICONIC AWARDS** aim to discover and award the best of all interior design areas. Initiated by the "German Bundestag" and sponsored by the German industry, the "Rat für Formgebung" (German Design Council) has promoted innovations within interiors for more than 60 years. We are proud to have been given these awards for the range NAVIS.

as illustr. v. versa

980005

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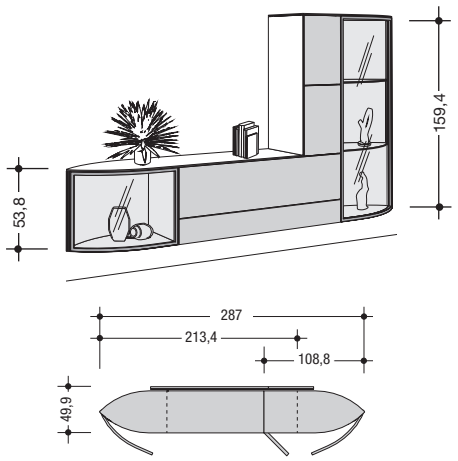

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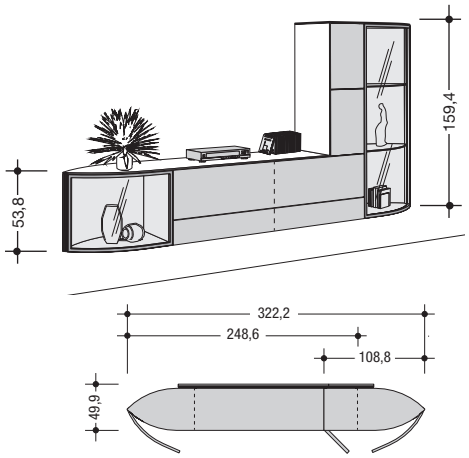

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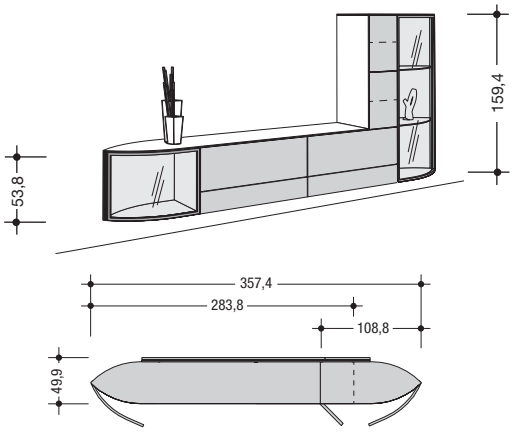

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981001

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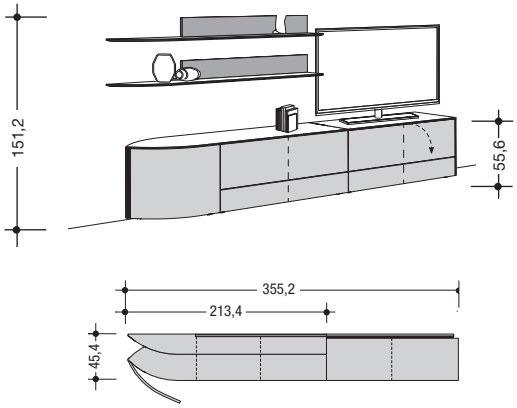

as illustr. v. versa

980011
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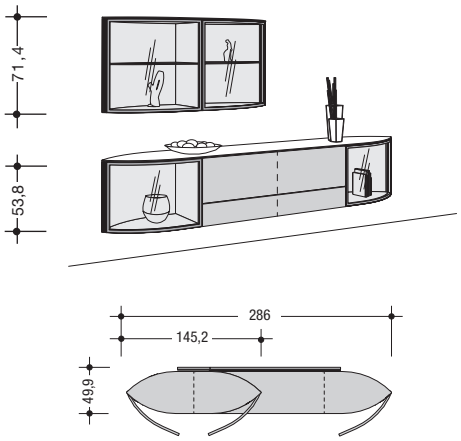
Suggested combinations

As an alternative to planning an individual unit from the complete range there is the possibility of choosing from specially suggested combinations. This eases planning. Incorporating accessories can enhance the suggested combinations. These are charged extra.



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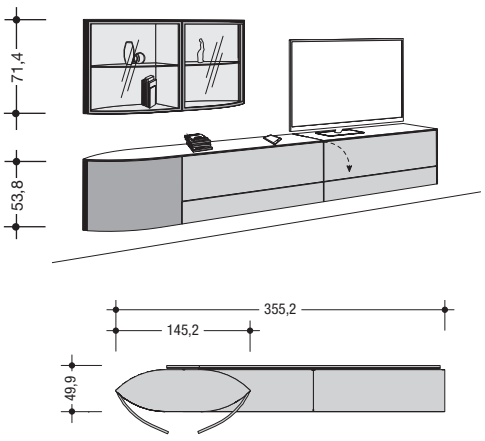

980002
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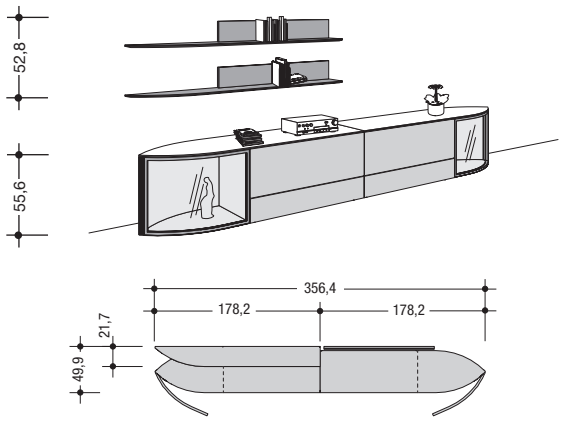

as illustr. v. versa

980007
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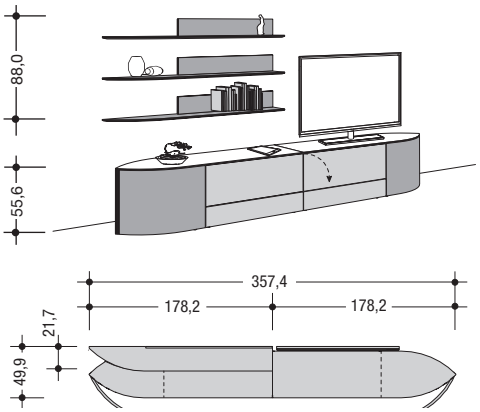

980010
981010

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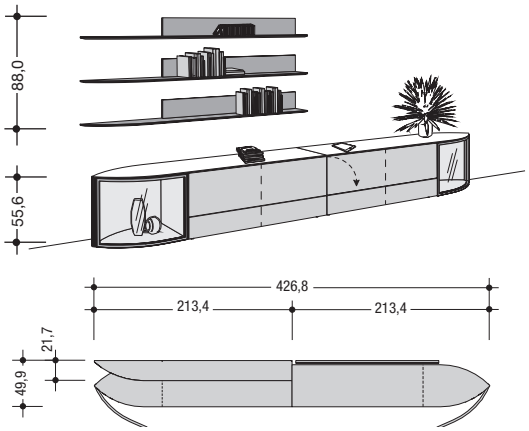

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980003
981003

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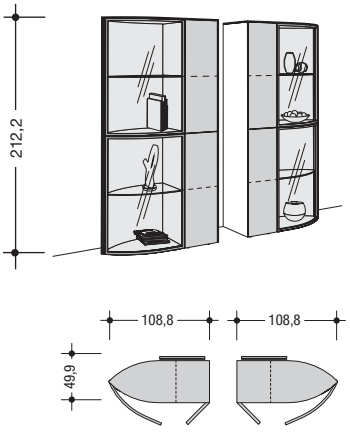

980004

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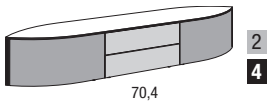
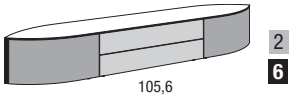
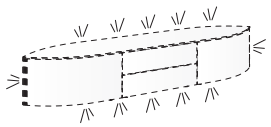
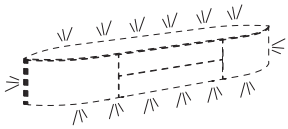
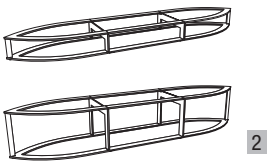
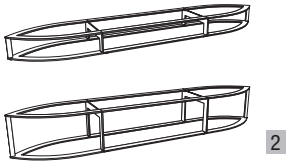
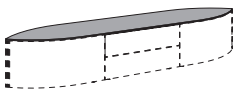
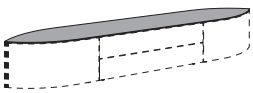
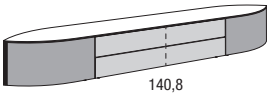
2 Raster lowboards
both sides elliptical

Please state clearly in the order, whether the low- and sideboards are to be planned as a floor or a wall unit.

2 Raster lowboards with elliptical ends on both sides 36.2 cm high (38.0 cm high incl. 1.8 cm high plinth adjusters), 45.4 cm deep (49.9 cm deep incl. 4.5 cm deep functional frame)	 2 **4** 215.6 cm wide	 2 **6** 250.8 cm wide
	1 door; 2 drawers; 1 door	1 door; 2 drawers; 1 door
	22111 -	**22511** -
Wall units or wall assembly: Please see here the information on page **4**		
Lamp for functional frame The functional frame can be fitted with an optional LED lamp. LED lamp incl. footswitch. Lamp switch optionally with a remote control unit (against surcharge). Later fitting not possible.	 19.9 W	 23.4 W
This luminaire contains built-in LED lamps of the energy classes A++ to A. The lamps cannot be changed in the luminaire. 12 V	**2215** -	**2255** -
Metal substructure powder-coated The units can be planned optionally on a metal substructure. In this case the plinth adjusters are omitted.	 2	 2
	19.4 cm high / **2211** / -	37.0 cm high / **2212** / -
	19.4 cm high / **2251** / -	37.0 cm high / **2252** / -
Surcharge for ceramic cover shelf 0.6 cm thick Later fitting is not possible.		
Max. load: 15 kg per metre length for floor units.	**2217** -	**2257** -



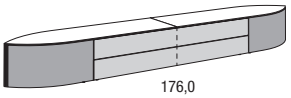
2 6

286.0 cm wide

1 door; 2 drawers; 1 door

22811

-



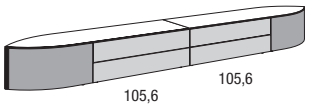
2 6

321.2 cm wide

1 door; 2 drawers; 1 door

23211

-



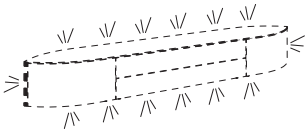
2 7

356.4 cm wide

1 door; 4 drawers; 1 door

23511

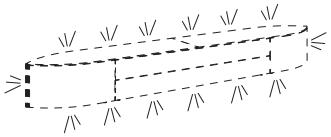
-



26.3 W

2855

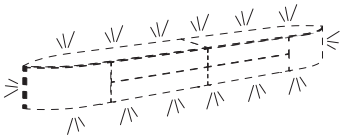
-



29.1 W

2325

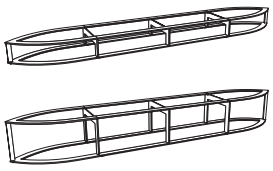
-



30.9 W

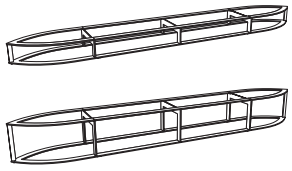
2355

-



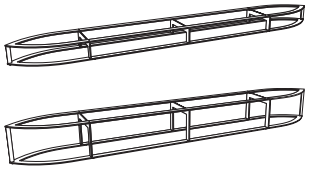
2

19.4 cm high	37.0 cm high
2851	**2852**
-	-



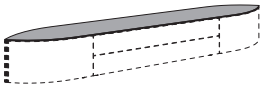
2

19.4 cm high	37.0 cm high
2321	**2322**
-	-



2

19.4 cm high	37.0 cm high
2351	**2352**
-	-



2857

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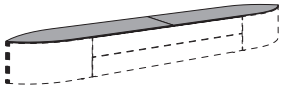

2327

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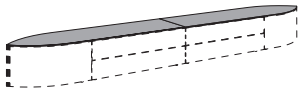

2357

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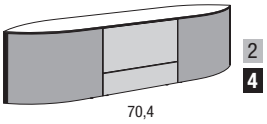
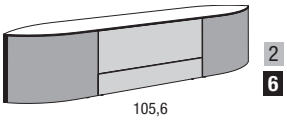
3 Raster lowboards
both sides elliptical

Please state clearly in the order, whether the low- and sideboards are to be planned as a floor or a wall unit.

3 Raster lowboards with elliptical ends on both sides
53.8 cm high
(55.6 cm high incl. 1.8 cm high plinth adjusters),
45.4 cm deep
(49.9 cm deep incl. 4.5 cm deep functional frame)

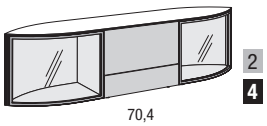


215.6 cm wide

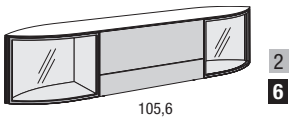


250.8 cm wide

	1 door; 2 drawers; 1 door	1 door; 1 flap, 1 drawer; 1 door	1 door; 2 drawers; 1 door	1 door; 1 flap, 1 drawer; 1 door
Flap hinge at bottom	**32111**	**32118**	**32511**	**32518**
	-	-	-	-



215.6 cm wide

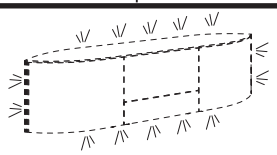


250.8 cm wide

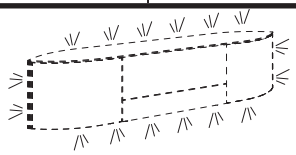
	1 glass door; 2 drawers; 1 glass door	1 glass door; 1 flap, 1 drawer; 1 glass door	1 glass door; 2 drawers; 1 glass door	1 glass door; 1 flap, 1 drawer; 1 glass door
Flap hinge at bottom	**32101**	**32108**	**32501**	**32508**
	-	-	-	-

Wall units or wall assembly:
Please see here the information on page **4**

Lamp for functional frame
The functional frame can be fitted with an optional LED lamp. LED lamp incl. footswitch. Lamp switch optionally with a remote control unit (against surcharge). Later fitting not possible.



21.7 W



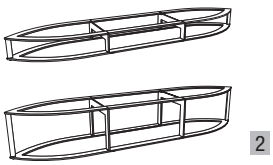
25.1 W

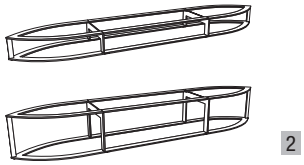
This luminaire contains built-in LED lamps of the energy classes A++ to A. The lamps cannot be changed in the luminaire. 12 V

3215	**3255**
-	-

Metal substructure
powder-coated

The units can be planned optionally on a metal substructure. In this case the plinth adjusters are omitted.

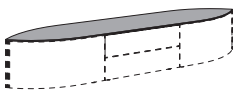


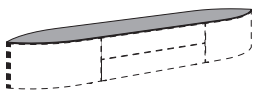


19.4 cm high	37.0 cm high	19.4 cm high	37.0 cm high
2211	**2212**	**2251**	**2252**
-	-	-	-

Surcharge for ceramic cover shelf
0.6 cm thick

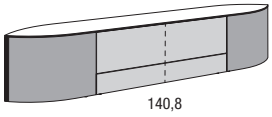
Later fitting is not possible.





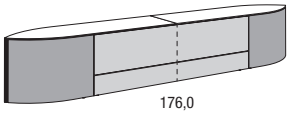
2217	**2257**
-	-

Max. load: 15 kg per metre length for floor units.



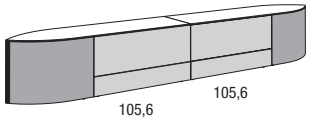
2 6

286.0 cm wide



2 6

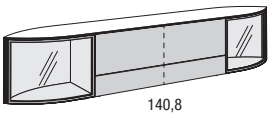
321.2 cm wide



2 8

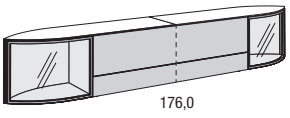
356.4 cm wide

1 door; 2 drawers; 1 door	1 door; 1 flap, 1 drawer; 1 door	1 door; 2 drawers; 1 door	1 door; 1 flap, 1 drawer; 1 door	1 door; 4 drawers; 1 door	1 door; 1 flap, 1 drawer; 2 drawers; 1 door	1 door; 2 drawers; 1 flap, 1 drawer; 1 door	1 door; 1 flap, 1 drawer; 1 flap, 1 drawer; 1 door
32811	**32818**	**33211**	**33218**	**33511**	**33518**	**33519**	**33517**
-	-	-	-	-	-	-	-



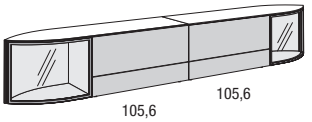
2 6

286.0 cm wide



2 6

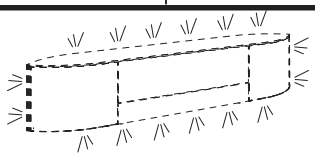
321.2 cm wide



2 8

356.4 cm wide

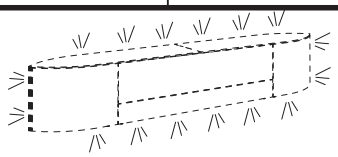
1 glass door; 2 drawers; 1 glass door	1 glass door; 1 flap, 1 drawer; 1 glass door	1 glass door; 2 drawers; 1 glass door	1 glass door; 1 flap, 1 drawer; 1 glass door	1 glass door; 4 drawers; 1 glass door	1 glass door; 1 flap, 1 drawer; 2 drawers; 1 glass door	1 glass door; 2 drawers; 1 flap, 1 drawer; 1 glass door	1 glass door; 1 flap, 1 drawer; 1 flap, 1 drawer; 1 glass door
32801	**32808**	**33201**	**33208**	**33501**	**33508**	**33509**	**33507**
-	-	-	-	-	-	-	-



28.0 W

3855

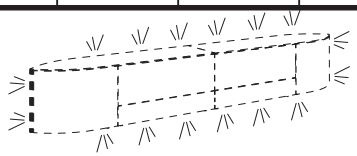
-



30.1 W

3325

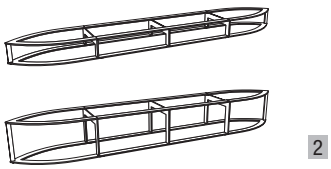
-



46.8 W

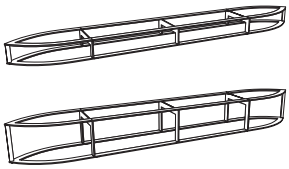
3355

-



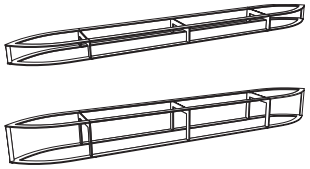
2

19.4 cm high	37.0 cm high
2851	**2852**
-	-



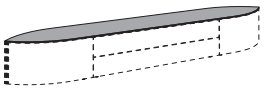
2

19.4 cm high	37.0 cm high
2321	**2322**
-	-



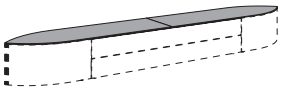
2

19.4 cm high	37.0 cm high
2351	**2352**
-	-



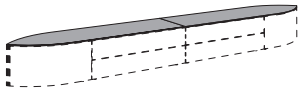
2857

-



2327

-



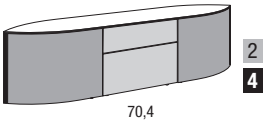
2357

-

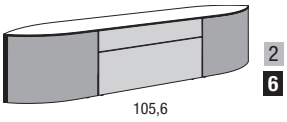
3 Raster sideboards
both sides elliptical

Please state clearly in the order, whether the low- and sideboards are to be planned as a floor or a wall unit.

3 Raster sideboards with elliptical ends on both sides
53.8 cm high
(55.6 cm high incl. 1.8 cm high plinth adjusters),
45.4 cm deep
(49.9 cm deep incl. 4.5 cm deep functional frame)

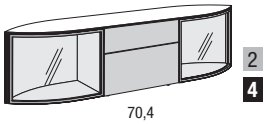


215.6 cm wide

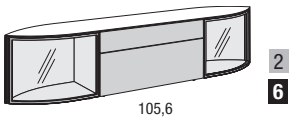


250.8 cm wide

	1 door; 2 drawers; 1 door	1 door; 1 drawer, 1 flap; 1 door	1 door; 2 drawers; 1 door	1 door; 1 drawer, 1 flap; 1 door
Flap hinge at bottom	**32131**	**32138**	**32531**	**32538**
	-	-	-	-



215.6 cm wide

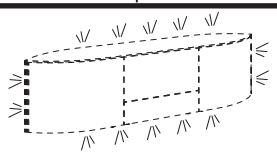


250.8 cm wide

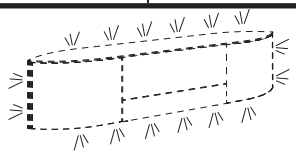
	1 glass door; 2 drawers; 1 glass door	1 glass door; 1 drawer, 1 flap; 1 glass door	1 glass door; 2 drawers; 1 glass door	1 glass door; 1 drawer, 1 flap; 1 glass door
Flap hinge at bottom	**32121**	**32128**	**32521**	**32528**
	-	-	-	-

Wall units or wall assembly:
Please see here the information on page **4**

Lamp for functional frame
The functional frame can be fitted with an optional LED lamp. LED lamp incl. footswitch. Lamp switch optionally with a remote control unit (against surcharge). Later fitting not possible.



21.7 W



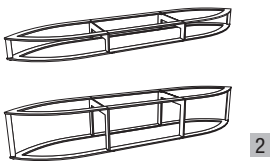
25.1 W

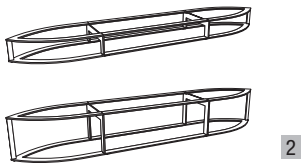
This luminaire contains built-in LED lamps of the energy classes A++ to A. The lamps cannot be changed in the luminaire. 12 V

3215	**3255**
-	-

Metal substructure
powder-coated

The units can be planned optionally on a metal substructure. In this case the plinth adjusters are omitted.

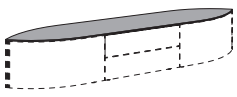


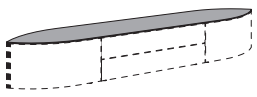


19.4 cm high	37.0 cm high	19.4 cm high	37.0 cm high
2211	**2212**	**2251**	**2252**
-	-	-	-

Surcharge for ceramic cover shelf
0.6 cm thick

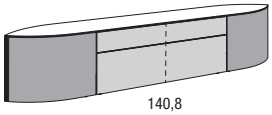
Later fitting is not possible.





2217	**2257**
-	-

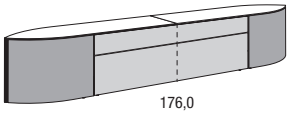
Max. load: 15 kg per metre length for floor units.



2 6

286.0 cm wide

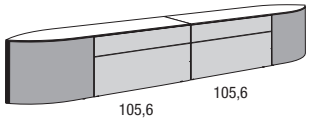
1 door; 2 drawers; 1 door	1 door; 1 drawer, 1 flap; 1 door
32831	**32838**
-	-



2 6

321.2 cm wide

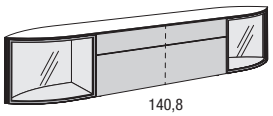
1 door; 2 drawers; 1 door	1 door; 1 drawer, 1 flap; 1 door
33231	**33238**
-	-



2 8

356.4 cm wide

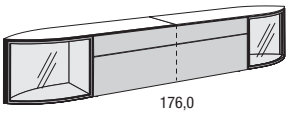
1 door; 4 drawers; 1 door	1 door; 1 drawer, 1 flap; 2 drawers; 1 door	1 door; 2 drawers; 1 drawer, 1 flap; 1 door	1 door; 1 drawer, 1 flap; 1 drawer, 1 flap; 1 door
33531	**33538**	**33539**	**33537**
-	-	-	-



2 6

286.0 cm wide

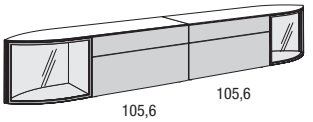
1 glass door; 2 drawers; 1 glass door	1 glass door; 1 drawer, 1 flap; 1 glass door
32821	**32828**
-	-



2 6

321.2 cm wide

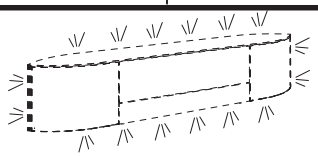
1 glass door; 2 drawers; 1 glass door	1 glass door; 1 drawer, 1 flap; 1 glass door
33221	**33228**
-	-



2 8

356.4 cm wide

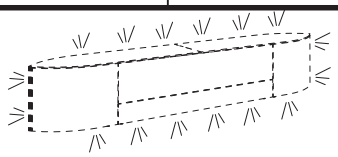
1 glass door; 4 drawers; 1 glass door	1 glass door; 1 drawer, 1 flap; 2 drawers; 1 glass door	1 glass door; 2 drawers; 1 drawer, 1 flap; 1 glass door	1 glass door; 1 drawer, 1 flap; 1 drawer, 1 flap; 1 glass door
33521	**33528**	**33529**	**33527**
-	-	-	-



28.0 W

3855

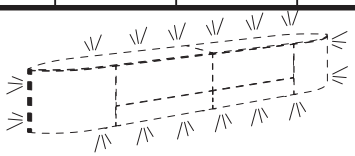
-



30.1 W

3325

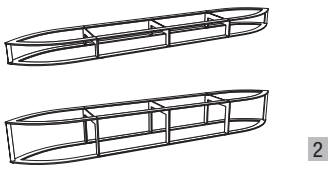
-



46.8 W

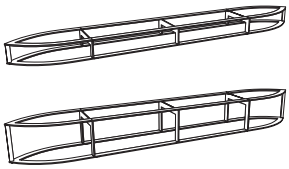
3355

-



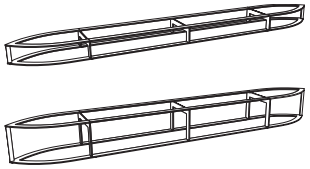
2

19.4 cm high	37.0 cm high
2851	**2852**
-	-



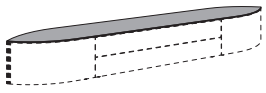
2

19.4 cm high	37.0 cm high
2321	**2322**
-	-



2

19.4 cm high	37.0 cm high
2351	**2352**
-	-



2857

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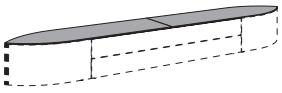

2327

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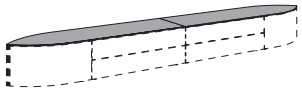


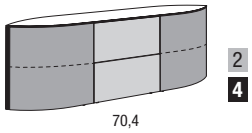
2357

-

4 Raster lowboards
both sides elliptical

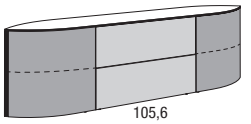
Please state clearly in the order, whether the low- and sideboards are to be planned as a floor or a wall unit.

4 Raster lowboards with elliptical ends on both sides
73.4 cm high
(75.2 cm high incl. 1.8 cm high plinth adjusters),
45.4 cm deep
(49.9 cm deep incl. 4.5 cm deep functional frame)



2
4

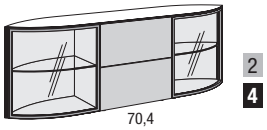
215.6 cm wide



2
6

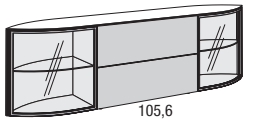
250.8 cm wide

		1 door; 2 drawers; 1 door	1 door; 1 flap, 1 drawer; 1 door	1 door; 2 drawers; 1 door	1 door; 1 flap, 1 drawer; 1 door
Flap hinge at bottom		**42111**	**42118**	**42511**	**42518**
		-	-	-	-



2
4

215.6 cm wide



2
6

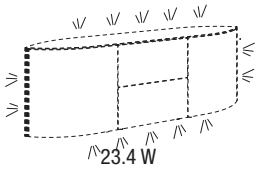
250.8 cm wide

		1 glass door; 2 drawers; 1 glass door	1 glass door; 1 flap, 1 drawer; 1 glass door	1 glass door; 2 drawers; 1 glass door	1 glass door; 1 flap, 1 drawer; 1 glass door
Flap hinge at bottom		**42101**	**42108**	**42501**	**42508**
		-	-	-	-

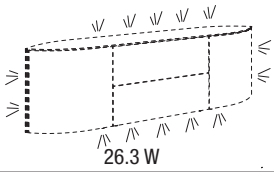
Wall units or wall assembly:
Please see here the information on page **4**

Lamp for functional frame
The functional frame can be fitted with an optional LED lamp. LED lamp incl. footswitch. Lamp switch optionally with a remote control unit (against surcharge). Later fitting not possible.

This luminaire contains built-in LED lamps of the energy classes A++ to A. The lamps cannot be changed in the luminaire. 12 V



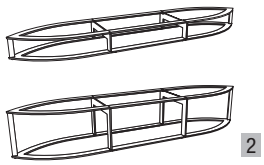
4215
-



4255
-

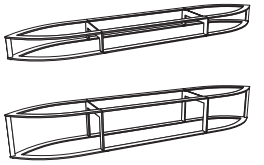
Metal substructure
powder-coated

The units can be planned optionally on a metal substructure. In this case the plinth adjusters are omitted.



2

19.4 cm high	37.0 cm high
2211	**2212**
-	-

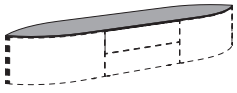


2

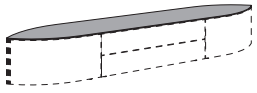
19.4 cm high	37.0 cm high
2251	**2252**
-	-

Surcharge for ceramic cover shelf
0.6 cm thick

Later fitting is not possible.



2217
-

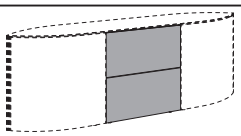


2257
-

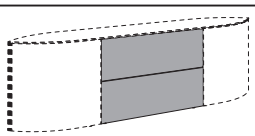
Max. load: 15 kg per metre length for floor units.

Surcharge for room divider

The units can be planned optionally as room dividers. In this case an extra rear wall panel must be ordered.



4218
-



4258
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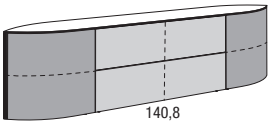
Notes on delivery: 1 2
Please see here the information on range introduction pages.

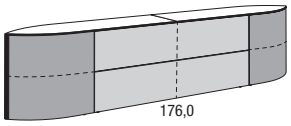
Assembly notes for wall units: 4 6
Please be sure to note here the information and notes in the "Wall composition" chapter!



2 6

286.0 cm wide

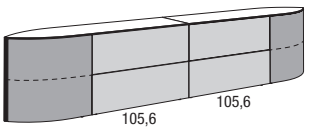
1 door; 2 drawers; 1 door	1 door; 1 flap, 1 drawer; 1 door
42811	**42818**
-	-



2 6

321.2 cm wide

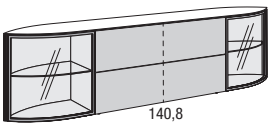
1 door; 2 drawers; 1 door	1 door; 1 flap, 1 drawer; 1 door
43211	**43218**
-	-



2 8

356.4 cm wide

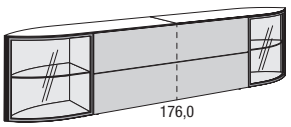
1 door; 4 drawers; 1 door	1 door; 1 flap, 1 drawer; 2 drawers; 1 door	1 door; 2 drawers; 1 flap, 1 drawer; 1 door	1 door; 1 flap, 1 drawer; 1 flap, 1 drawer; 1 door
43511	**43518**	**43519**	**43517**
-	-	-	-



2 6

286.0 cm wide

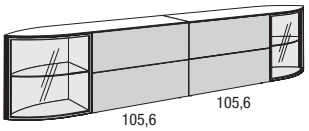
1 glass door; 2 drawers; 1 glass door	1 glass door; 1 flap, 1 drawer; 1 glass door
42801	**42808**
-	-



2 6

321.2 cm wide

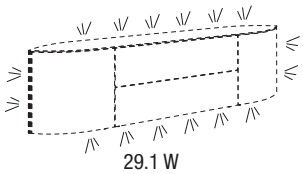
1 glass door; 2 drawers; 1 glass door	1 glass door; 1 flap, 1 drawer; 1 glass door
43201	**43208**
-	-



2 8

356.4 cm wide

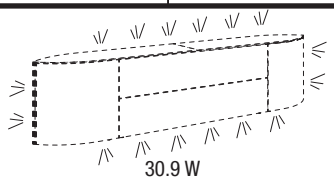
1 glass door; 4 drawers; 1 glass door	1 glass door; 1 flap, 1 drawer; 2 drawers; 1 glass door	1 glass door; 2 drawers; 1 flap, 1 drawer; 1 glass door	1 glass door; 1 flap, 1 drawer; 1 flap, 1 drawer; 1 glass door
43501	**43508**	**43509**	**43507**
-	-	-	-



29.1 W

4855

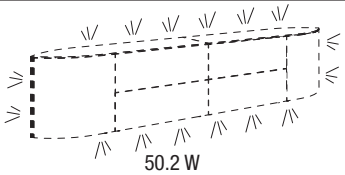
-



30.9 W

4325

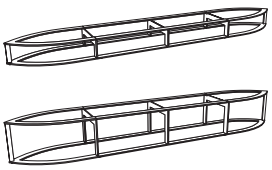
-



50.2 W

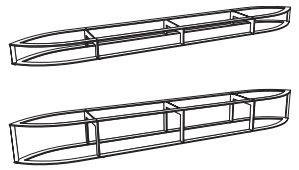
4355

-



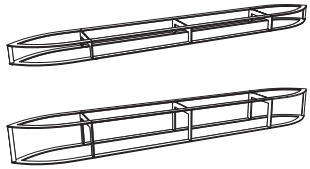
2

19.4 cm high	37.0 cm high
2851	**2852**
-	-



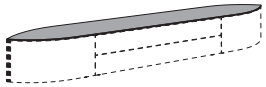
2

19.4 cm high	37.0 cm high
2321	**2322**
-	-



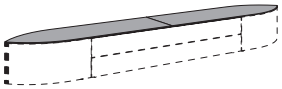
2

19.4 cm high	37.0 cm high
2351	**2352**
-	-



2857

-



2327

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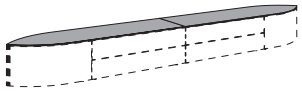

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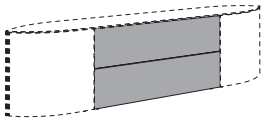

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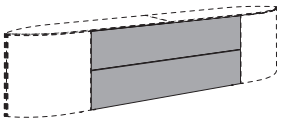

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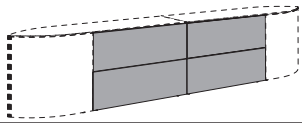


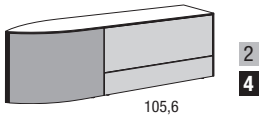
4358

-

3 Raster lowboards
one side elliptical

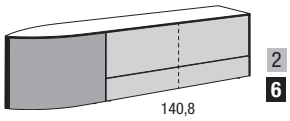
Please state clearly in the order, whether the low- and sideboards are to be planned as a floor or a wall unit.

3 Raster lowboards with elliptical end on one side
53.8 cm high
(55.6 cm high incl. 1.8 cm high plinth adjusters),
45.4 cm deep
(49.9 cm deep incl. 4.5 cm deep functional frame)



2
4

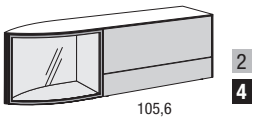
179.2 cm wide



2
6

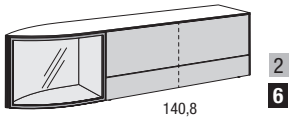
214.4 cm wide

		1 door; 2 drawers	1 door; 1 flap, 1 drawer	1 door; 2 drawers	1 door; 1 flap, 1 drawer
Flap hinge at bottom	as illustr. v. versa	**317111** **317112** -	**317181** **317182** -	**321111** **321112** -	**321181** **321182** -



2
4

179.2 cm wide



2
6

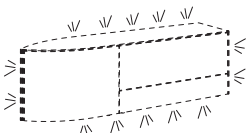
214.4 cm wide

		1 glass door; 2 drawers	1 glass door; 1 flap, 1 drawer	1 glass door; 2 drawers	1 glass door; 1 flap, 1 drawer
Flap hinge at bottom	as illustr. v. versa	**317011** **317012** -	**317081** **317082** -	**321011** **321012** -	**321081** **321082** -

Wall units or wall assembly:
Please see here the information on page **4**

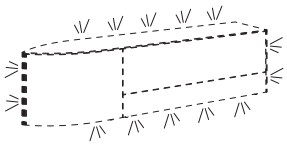
Lamp for functional frame
The functional frame can be fitted with an optional LED lamp. LED lamp incl. footswitch. Lamp switch optionally with a remote control unit (against surcharge). Later fitting not possible.

This luminaire contains built-in LED lamps of the energy classes A++ to A. The lamps cannot be changed in the luminaire. 12 V



23.4 W

3175
-

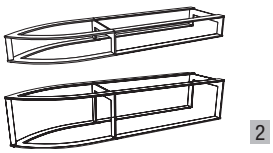


26.3 W

3225
-

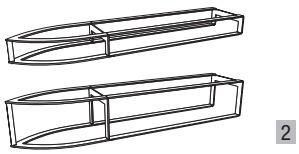
Metal substructure
powder-coated

The units can be planned optionally on a metal substructure. In this case the plinth adjusters are omitted.



2

19.4 cm high	37.0 cm high
2171	**2172**
-	-

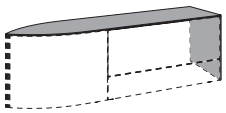


2

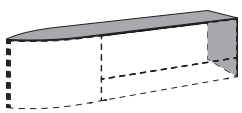
19.4 cm high	37.0 cm high
2221	**2222**
-	-

Surcharge for ceramic cover shelf and ceramic side(s)
0.6 cm thick

Later fitting is not possible.

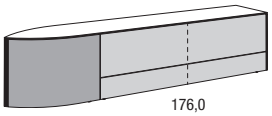


2177
-



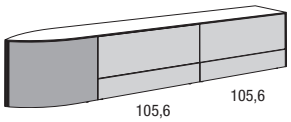
2227
-

Max. load: 15 kg per metre length for floor units.



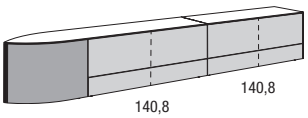
2 6

249.6 cm wide



2 8

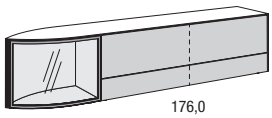
284.8 cm wide



2 8

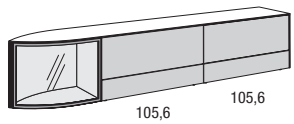
355.2 cm wide

1 door; 2 drawers	1 door; 1 flap, 1 drawer	1 door; 4 drawers	1 door; 1 flap, 1 drawer; 2 drawers	1 door; 2 drawers; 1 flap, 1 drawer	1 door; 1 flap, 1 drawer; 1 flap, 1 drawer	1 door; 4 drawers	1 door; 1 flap, 1 drawer; 2 drawers	1 door; 2 drawers; 1 flap, 1 drawer	1 door; 1 flap, 1 drawer; 1 flap, 1 drawer
324111 **324112**	**324181** **324182**	**328111** **328112**	**328181** **328182**	**328191** **328192**	**328171** **328172**	**335111** **335112**	**335181** **335182**	**335191** **335192**	**335171** **335172**
-	-	-	-	-	-	-	-	-	-



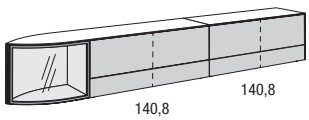
2 6

249.6 cm wide



2 8

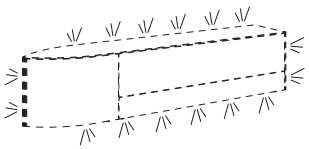
284.8 cm wide



2 8

355.2 cm wide

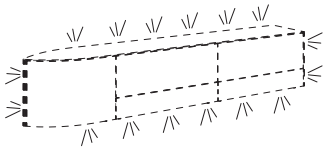
1 glass door; 2 drawers	1 glass door; 1 flap, 1 drawer	1 glass door; 4 drawers	1 glass door; 1 flap, 1 drawer; 2 drawers	1 glass door; 2 drawers; 1 flap, 1 drawer	1 glass door; 1 flap, 1 drawer; 1 flap, 1 drawer	1 glass door; 4 drawers	1 glass door; 1 flap, 1 drawer; 2 drawers	1 glass door; 2 drawers; 1 flap, 1 drawer	1 glass door; 1 flap, 1 drawer; 1 flap, 1 drawer
324011 **324012**	**324081** **324082**	**328011** **328012**	**328081** **328082**	**328091** **328092**	**328071** **328072**	**335011** **335012**	**335081** **335082**	**335091** **335092**	**335071** **335072**
-	-	-	-	-	-	-	-	-	-



29.1 W

3245

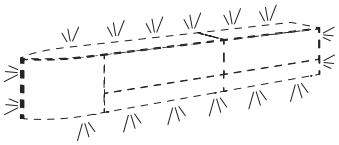
-



46.9 W

3285

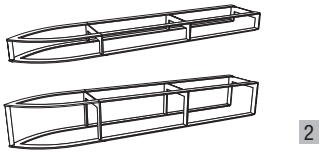
-



52.8 W

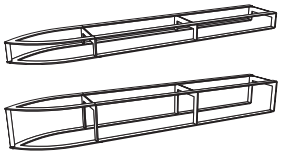
3365

-



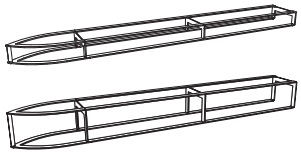
2

19.4 cm high	37.0 cm high
2241	**2242**
-	-



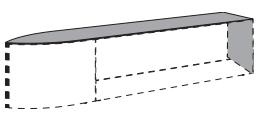
2

19.4 cm high	37.0 cm high
2281	**2282**
-	-



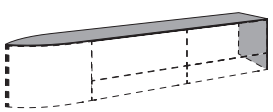
2

19.4 cm high	37.0 cm high
2361	**2362**
-	-



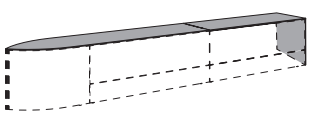
2247

-



2287

-



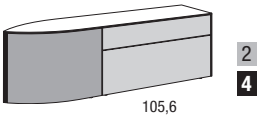
2367

-

3 Raster sideboards
one side elliptical

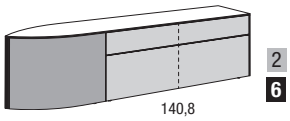
Please state clearly in the order, whether the low- and sideboards are to be planned as a floor or a wall unit.

3 Raster sideboards with elliptical end on one side
53.8 cm high
(55.6 cm high incl. 1.8 cm high plinth adjusters),
45.4 cm deep
(49.9 cm deep incl. 4.5 cm deep functional frame)



2
4

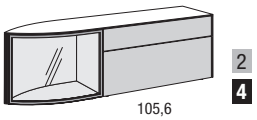
179.2 cm wide



2
6

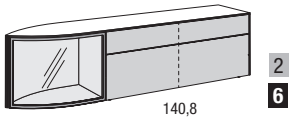
214.4 cm wide

		1 door; 2 drawers	1 door; 1 drawer, 1 flap	1 door; 2 drawers	1 door; 1 drawer, 1 flap
Flap hinge at bottom	as illustr. v. versa	**317311** **317312** -	**317381** **317382** -	**321311** **321312** -	**321381** **321382** -



2
4

179.2 cm wide



2
6

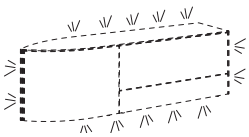
214.4 cm wide

		1 glass door; 2 drawers	1 glass door; 1 drawer, 1 flap	1 glass door; 2 drawers	1 glass door; 1 drawer, 1 flap
Flap hinge at bottom	as illustr. v. versa	**317211** **317212** -	**317281** **317282** -	**321211** **321212** -	**321281** **321282** -

Wall units or wall assembly:
Please see here the information on page **4**

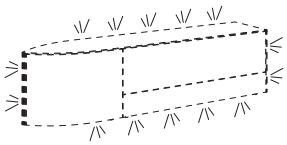
Lamp for functional frame
The functional frame can be fitted with an optional LED lamp. LED lamp incl. footswitch. Lamp switch optionally with a remote control unit (against surcharge). Later fitting not possible.

This luminaire contains built-in LED lamps of the energy classes A++ to A. The lamps cannot be changed in the luminaire. 12 V



23.4 W

3175
-

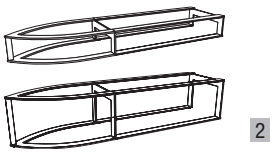


26.3 W

3225
-

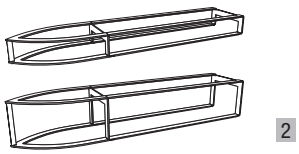
Metal substructure
powder-coated

The units can be planned optionally on a metal substructure. In this case the plinth adjusters are omitted.



2

19.4 cm high	37.0 cm high
2171	**2172**
-	-

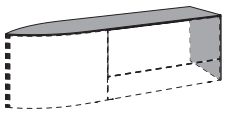


2

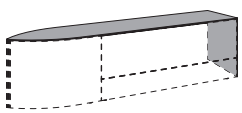
19.4 cm high	37.0 cm high
2221	**2222**
-	-

Surcharge for ceramic cover shelf and ceramic side(s)
0.6 cm thick

Later fitting is not possible.

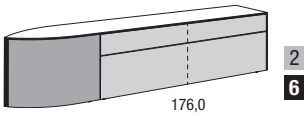


2177
-



2227
-

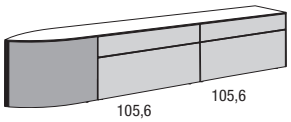
Max. load: 15 kg per metre length for floor units.



2 6

249.6 cm wide

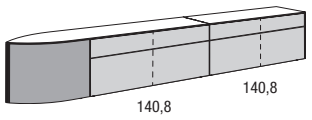
1 door; 2 drawers	1 door; 1 drawer, 1 flap
324311 324312	**324381 324382**
-	-



2 8

284.8 cm wide

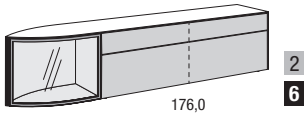
1 door; 4 drawers	1 door; 1 drawer, 1 flap; 2 drawers	1 door; 2 drawers; 1 drawer, 1 flap	1 door; 1 drawer, 1 flap; 1 drawer, 1 flap
328311 328312	**328381 328382**	**328391 328392**	**328371 328372**
-	-	-	-



2 8

355.2 cm wide

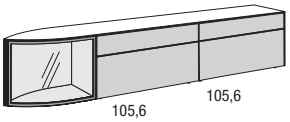
1 door; 4 drawers	1 door; 1 drawer, 1 flap; 2 drawers	1 door; 2 drawers; 1 drawer, 1 flap	1 door; 1 drawer, 1 flap; 1 drawer, 1 flap
335311 335312	**335381 335382**	**335391 335392**	**335371 335372**
-	-	-	-



2 6

249.6 cm wide

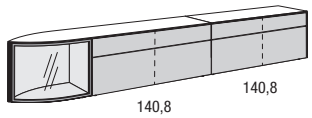
1 glass door; 2 drawers	1 glass door; 1 drawer, 1 flap
324211 324212	**324281 324282**
-	-



2 8

284.8 cm wide

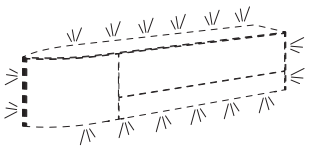
1 glass door; 4 drawers	1 glass door; 1 drawer, 1 flap; 2 drawers	1 glass door; 2 drawers; 1 drawer, 1 flap	1 glass door; 1 drawer, 1 flap; 1 drawer, 1 flap
328211 328212	**328281 328282**	**328291 328292**	**328271 328272**
-	-	-	-



2 8

355.2 cm wide

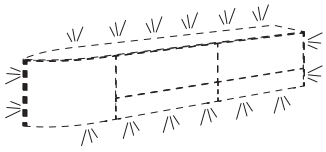
1 glass door; 4 drawers	1 glass door; 1 drawer, 1 flap; 2 drawers	1 glass door; 2 drawers; 1 drawer, 1 flap	1 glass door; 1 drawer, 1 flap; 1 drawer, 1 flap
335211 335212	**335281 335282**	**335291 335292**	**335271 335272**
-	-	-	-



29.1 W

3245

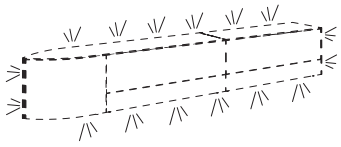
-



46.9 W

3285

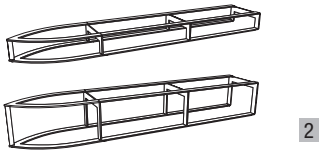
-



52.8 W

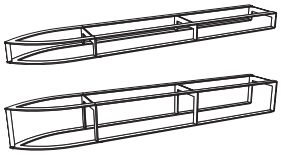
3365

-



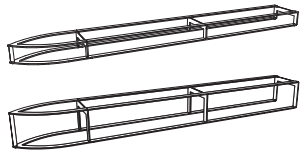
2

19.4 cm high	37.0 cm high
2241	**2242**
-	-



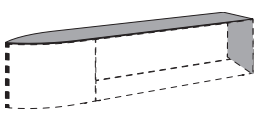
2

19.4 cm high	37.0 cm high
2281	**2282**
-	-



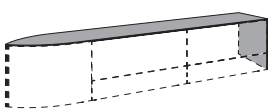
2

19.4 cm high	37.0 cm high
2361	**2362**
-	-



2247

-



2287

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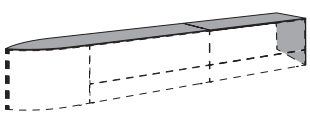


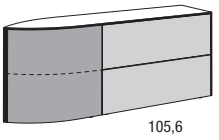
2367

-

4 Raster lowboards
one side elliptical

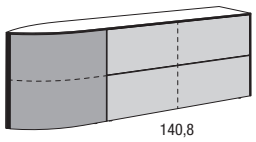
Please state clearly in the order, whether the low- and sideboards are to be planned as a floor or a wall unit.

4 Raster lowboards with elliptical end on one side
73.4 cm high
(75.2 cm high incl. 1.8 cm high plinth adjusters),
45.4 cm deep
(49.9 cm deep incl. 4.5 cm deep functional frame)



2
4

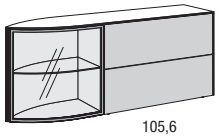
179.2 cm wide



2
6

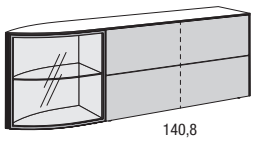
214.4 cm wide

		1 door; 2 drawers	1 door; 1 flap, 1 drawer	1 door; 2 drawers	1 door; 1 flap, 1 drawer
Flap hinge at bottom	as illustr. v. versa	**417111** **417112** -	**417181** **417182** -	**421111** **421112** -	**421181** **421182** -



2
4

179.2 cm wide



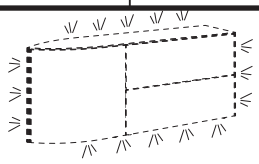
2
6

214.4 cm wide

		1 glass door; 2 drawers	1 glass door; 1 flap, 1 drawer	1 glass door; 2 drawers	1 glass door; 1 flap, 1 drawer
Flap hinge at bottom	as illustr. v. versa	**417011** **417012** -	**417081** **417082** -	**421011** **421012** -	**421081** **421082** -

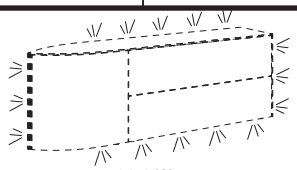
Wall units or wall assembly:
Please see here the information on page **4**

Lamp for functional frame
The functional frame can be fitted with an optional LED lamp. LED lamp incl. footswitch. Lamp switch optionally with a remote control unit (against surcharge). Later fitting not possible.



25.1 W

4175
-



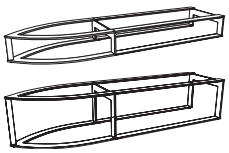
28.0 W

4225
-

This luminaire contains built-in LED lamps of the energy classes A++ to A. The lamps cannot be changed in the luminaire. 12 V

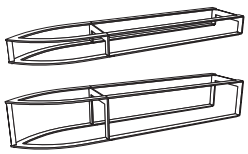
Metal substructure
powder-coated

The units can be planned optionally on a metal substructure. In this case the plinth adjusters are omitted.



2

19.4 cm high	37.0 cm high
2171	**2172**
-	-

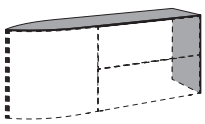


2

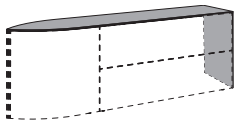
19.4 cm high	37.0 cm high
2221	**2222**
-	-

Surcharge for ceramic cover shelf and ceramic side(s)
0.6 cm thick

Later fitting is not possible.



4177
-

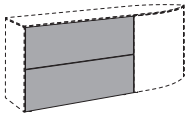


4227
-

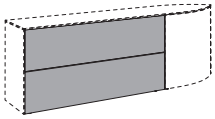
Max. load: 15 kg per metre length for floor units.

Surcharge for room divider

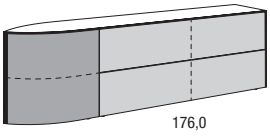
The units can be planned optionally as room dividers. In this case an extra rear wall panel must be ordered.



4178
-

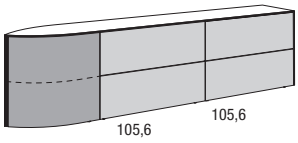


4228
-



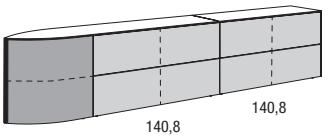
2 6

249.6 cm wide



2 8

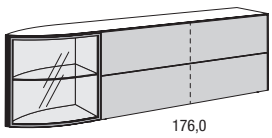
284.8 cm wide



2 8

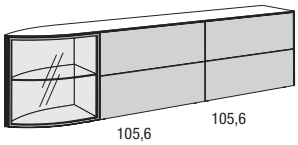
355.2 cm wide

1 door; 2 drawers	1 door; 1 flap, 1 drawer	1 door; 4 drawers	1 door; 1 flap, 1 drawer; 2 drawers	1 door; 2 drawers; 1 flap, 1 drawer	1 door; 1 flap, 1 drawer; 1 flap, 1 drawer	1 door; 4 drawers	1 door; 1 flap, 1 drawer; 2 drawers	1 door; 2 drawers; 1 flap, 1 drawer	1 door; 1 flap, 1 drawer; 1 flap, 1 drawer
424111 **424112**	**424181** **424182**	**428111** **428112**	**428181** **428182**	**428191** **428192**	**428171** **428172**	**435111** **435112**	**435181** **435182**	**435191** **435192**	**435171** **435172**
-	-	-	-	-	-	-	-	-	-



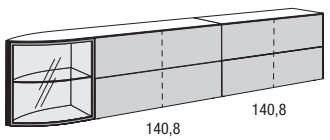
2 6

249.6 cm wide



2 8

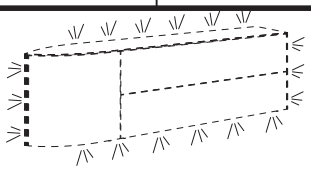
284.8 cm wide



2 8

355.2 cm wide

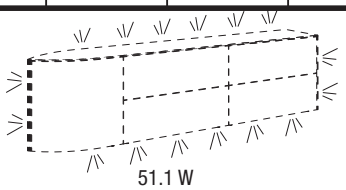
1 glass door; 2 drawers	1 glass door; 1 flap, 1 drawer	1 glass door; 4 drawers	1 glass door; 1 flap, 1 drawer; 2 drawers	1 glass door; 2 drawers; 1 flap, 1 drawer	1 glass door; 1 flap, 1 drawer; 1 flap, 1 drawer	1 glass door; 4 drawers	1 glass door; 1 flap, 1 drawer; 2 drawers	1 glass door; 2 drawers; 1 flap, 1 drawer	1 glass door; 1 flap, 1 drawer; 1 flap, 1 drawer
424011 **424012**	**424081** **424082**	**428011** **428012**	**428081** **428082**	**428091** **428092**	**428071** **428072**	**435011** **435012**	**435081** **435082**	**435091** **435092**	**435071** **435072**
-	-	-	-	-	-	-	-	-	-



30.1 W

4245

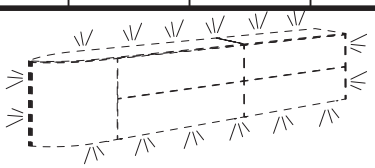
-



51.1 W

4285

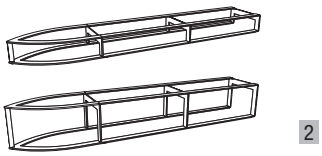
-



55.0 W

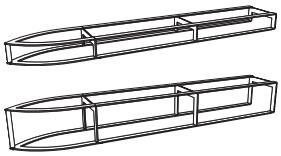
4364

-



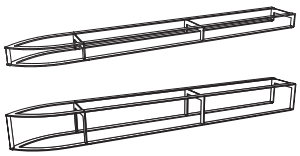
2

19.4 cm high	37.0 cm high
2241	**2242**
-	-



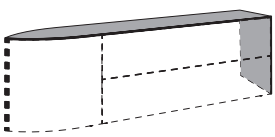
2

19.4 cm high	37.0 cm high
2281	**2282**
-	-



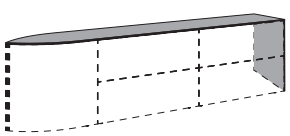
2

19.4 cm high	37.0 cm high
2361	**2362**
-	-



4247

-



4287

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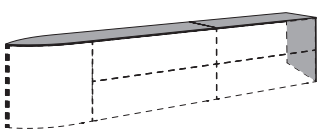

4367

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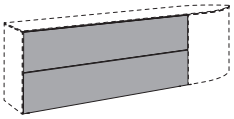
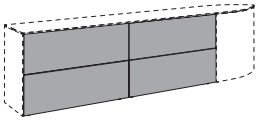


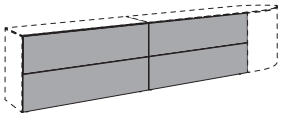
4248

-



4288

-



4368

-

Media accessories for lowboards

IR repeater set

IR repeater set
Infrared signal transmission set for operating media units behind wooden/lacquered fronts. You can operate all the units in one compartment with one set. The following applies:

- One set must be used in each compartment. 2 transmitters can also be installed in large compartments in order to increase performance. In this case only one additional transmitter needs to be ordered.
- The transmitter must be placed in the direct vicinity of the receiver eye.
- Transmittable IR frequency band 20 – 60 kHz
- Up to 3 transmitters can be combined with one receiver.

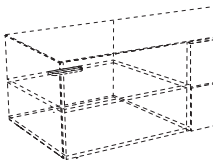
It is possible to use 3 transmitters via 1 receiver including Master box. This enables simultaneous operation of 3 different furniture compartments or in critical situations it allows fitting out one furniture compartment with several transmitters in order to increase the performance in this compartment or to operate 2 end units placed next to one another.

The IR repeater set consists of:
- 1 receiver eye (Ø 3.0 cm) incl. standing bracket
- 1 electrical transmitter
- 1 plug EVG 12 V
- Cable clips

Please note the details stated in the operating instructions!

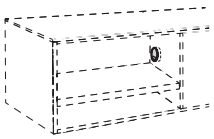
IR repeater set 1 receiver eye and 1 transmitter incl. standing bracket
2001 -
Extra transmitter
2003 -

Cable apertures



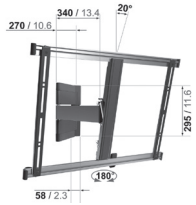
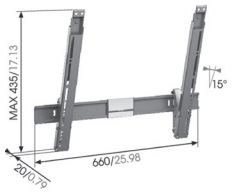
Cable aperture K9
13.0 x 1.6 cm
It is possible to fit a cable aperture in a fitted shelf. The cable aperture can be made at the rear rim of the fitted shelf.
Positioned in centre of compartment.

K9
-



Cable aperture K20
silver-coloured; Ø 8.0 cm
It is possible to fit a cable aperture in the partitions of the lowboard.

K20
-

Flat screen support WTL6 The flat screen support can be adjusted 3-dimensionally. It is suitable for flat screens with a screen diagonal of 102-216 cm (40“-85“); max. load: 45 kg. Suitable for Curved TV’s. Flat screen support compatible with VESA Norm standard: min.: 200 x 200 mm max.: 600 x 400 mm	**Flat screen support THIN 545, ideally adaptable** The flat screen support can be adjusted 3-dimensionally. It is suitable for flat screens with a screen diagonal of 81-140 cm (32“-55“) and a maximum depth of 4.5 cm; max. load: 25 kg. Go to www.vogels.com to check if your flat screen can be fitted on this flat screen support. Enter the name THIN 545. After a few steps you can see if your flat screen TV is compatible with the flat screen support. Not suitable for Curved TV’s. Flat screen support compatible with VESA Norm standard: min.: 100 x 100 mm max.: 600 x 400 mm	**Flat screen support THIN 515** The flat screen support can be angled up to a max. 15°. It is suitable for flat screens with a screen diagonal of 102-165 cm (40“-65“) and a maximum depth of 5.0 cm; max. load: 25 kg. Go to www.vogels.com to check if your flat screen can be fitted on this flat screen support. Enter the name THIN 515. After a few steps you can see if your flat screen TV is compatible with the flat screen support. Not suitable for Curved TV’s. Flat screen support compatible with VESA Norm standard: min.: 100 x 100 mm max.: 600 x 400 mm
		
for fitting anywhere on walls	**for fitting anywhere on walls**	**for fitting anywhere on walls**
9704 -	**9304** -	**9504** -

Possible arrangements

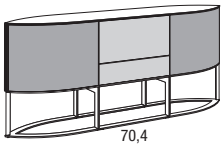
Sideboards on metal substructure

both sides elliptical

Notes on delivery:
Please see here the information on range introduction pages. 1 2

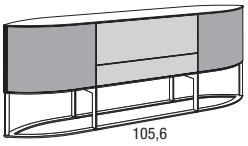
Assembly notes for wall units:
Please be sure to note here the information and notes in the "Wall composition" chapter! 4 6

Sideboards on metal substructure with elliptical ends on both sides
90.8 cm high (substructure 37.0 cm high),
45.4 cm deep
(49.9 cm deep incl. 4.5 cm deep functional frame)



2 4

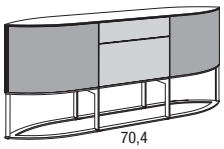
215.6 cm wide



2 6

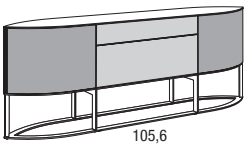
250.8 cm wide

Flap hinge at bottom	215.6 cm wide		250.8 cm wide	
	1 door; 2 drawers; 1 door	1 door; 1 flap, 1 drawer; 1 door	1 door; 2 drawers; 1 door	1 door; 1 flap, 1 drawer; 1 door
	52151	**52158**	**52551**	**52558**
	-	-	-	-



2 4

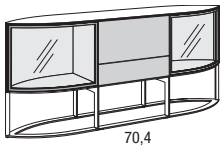
215.6 cm wide



2 6

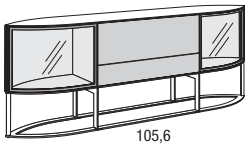
250.8 cm wide

Flap hinge at bottom	215.6 cm wide		250.8 cm wide	
	1 door; 2 drawers; 1 door	1 door; 1 drawer, 1 flap; 1 door	1 door; 2 drawers; 1 door	1 door; 1 drawer, 1 flap; 1 door
	52161	**52168**	**52561**	**52568**
	-	-	-	-



2 4

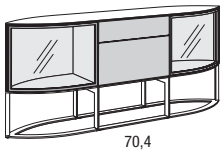
215.6 cm wide



2 6

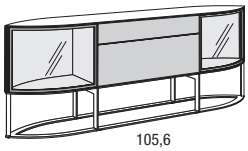
250.8 cm wide

Flap hinge at bottom	215.6 cm wide		250.8 cm wide	
	1 glass door; 2 drawers; 1 glass door	1 glass door; 1 flap, 1 drawer; 1 glass door	1 glass door; 2 drawers; 1 glass door	1 glass door; 1 flap, 1 drawer; 1 glass door
	52141	**52148**	**52541**	**52548**
	-	-	-	-



2 4

215.6 cm wide

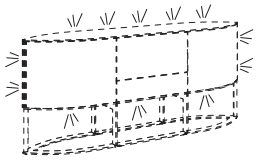


2 6

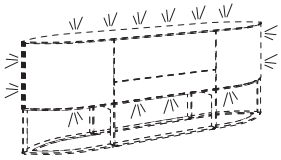
250.8 cm wide

Flap hinge at bottom	215.6 cm wide		250.8 cm wide	
	1 glass door; 2 drawers; 1 glass door	1 glass door; 1 drawer, 1 flap; 1 glass door	1 glass door; 2 drawers; 1 glass door	1 glass door; 1 drawer, 1 flap; 1 glass door
	52171	**52178**	**52571**	**52578**
	-	-	-	-

Lamp for functional frame
The functional frame can be fitted with an optional LED lamp. LED lamp incl. footswitch. Lamp switch optionally with a remote control unit (against surcharge). Later fitting not possible.



21.7 W



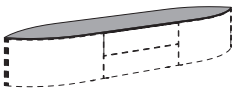
25.1 W

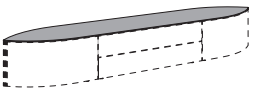
This luminaire contains built-in LED lamps of the energy classes A++ to A. The lamps cannot be changed in the luminaire. 12 V

3215	**3255**
-	-

Surcharge for ceramic cover shelf
0.6 cm thick

Later fitting is not possible.





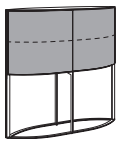
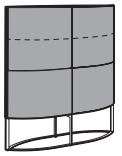
2217	**2257**
-	-

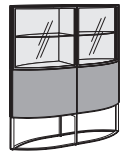
Max. load: 15 kg per metre length for floor units.

Highboards on metal substructure

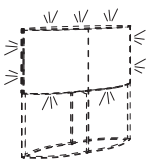
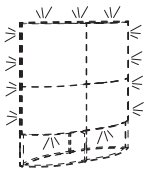
both sides elliptical

Highboards on metal substructure with elliptical ends on both sides
143.6 cm high (substructure 72.2 cm high) or
161.2 cm high (substructure 37.0 cm high),
45.4 cm deep
(49.9 cm deep incl. 4.5 cm deep functional frame)

	143.6 cm high	161.2 cm high
	 2 4	 2 8
	145.2 cm wide	145.2 cm wide
	2 doors	4 doors
	81413	**91413**
	-	-

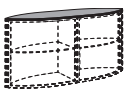
	143.6 cm high	161.2 cm high
	2 4	 2 8
	145.2 cm wide	145.2 cm wide
	2 glass doors	2 glass doors; 2 doors
	81403	**91403**
	-	-

Lamp for functional frame
The functional frame can be fitted with an optional LED lamp. LED lamp incl. footswitch. Lamp switch optionally with a remote control unit (against surcharge). Later fitting not possible.

		
	15.1 W	21.7 W
This luminaire contains built-in LED lamps of the energy classes A++ to A. The lamps cannot be changed in the luminaire. 12 V	**4145**	**7145**
	-	-

Surcharge for ceramic cover shelf
0.6 cm thick

Later fitting is not possible.



2147

-

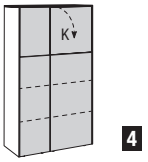
Max. load: 15 kg per metre length for floor units.

Notes on delivery:
Please see here the information on range introduction pages. 1 2

Assembly notes for wall units:
Please be sure to note here the information and notes in the "Wall composition" chapter! 4 6

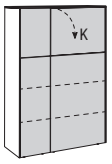
Highboards

Highboards
159.4 cm high
(161.2 cm high incl. 1.8 cm high plinth adjusters),
45.4 cm deep
(49.9 cm deep incl. 4.5 cm deep functional frame)



4

90.0 cm wide

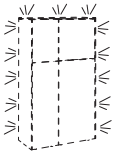


4

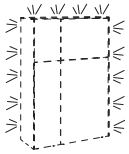
107.6 cm wide

		3 doors; 1 flap	3 doors; 1 flap
	as illustr. v. versa	**99031** **99032**	**912031** **912032**
		-	-

Lamp for functional frame
The functional frame can be fitted with an optional LED lamp. LED lamp incl. footswitch. Lamp switch optionally with a remote control unit (against surcharge). Later fitting not possible.



25.1 W



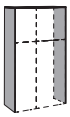
25.9 W

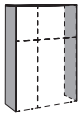
This luminaire contains built-in LED lamps of the energy classes A++ to A. The lamps cannot be changed in the luminaire. 12 V

995	**9105**
-	-

Surcharge for ceramic cover shelf and ceramic side(s)
0.6 cm thick

Later fitting is not possible.





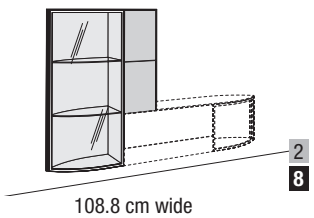
997	**9107**
-	-

Max. load: 15 kg per metre length for floor units.

Wall extension units

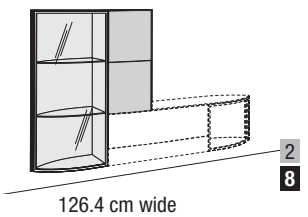
Wall extension units
159.4 cm high,
45.4 cm deep
(49.9 cm deep incl. 4.5 cm deep functional frame)

Important note:
Only suitable as a wall extension unit for a 3 Raster lowboard one side elliptical!



2 8

108.8 cm wide



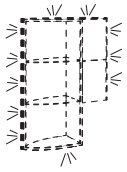
2 8

126.4 cm wide

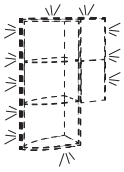
		1 glass door; 2 doors	1 glass door; 2 doors
	as illustr. v. versa	**910011** **910012**	**912011** **912012**
		-	-

Wall units or wall assembly:
Please see here the information on page **4**

Lamp for functional frame
The functional frame can be fitted with an optional LED lamp. LED lamp incl. footswitch. Lamp switch optionally with a remote control unit (against surcharge). Later fitting not possible.



22.5 W



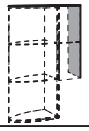
23.4 W

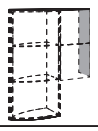
This luminaire contains built-in LED lamps of the energy classes A++ to A. The lamps cannot be changed in the luminaire. 12 V

9115	**9125**
-	-

Surcharge for ceramic cover shelf and ceramic side(s)
0.6 cm thick

Later fitting is not possible.

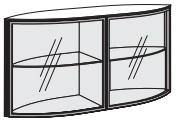
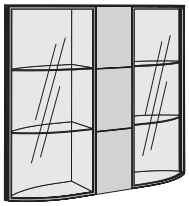
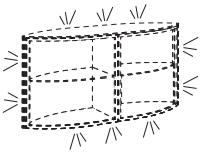
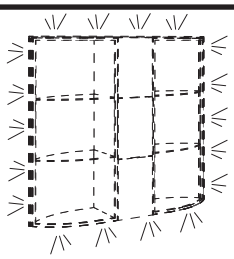
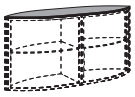
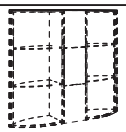




6117	**6127**
-	-

Max. load: 15 kg per metre length for floor units.

Wall units

Wall units 71.4 or 159.4 cm high, 45.4 cm deep (49.9 cm deep incl. 4.5 cm deep functional frame)			71.4 cm high  1 4 145.2 cm wide	159.4 cm high  2 9 180.4 cm wide
			2 glass doors	2 glass doors; 3 doors
	as illustr. (L) v. versa (R)		**41401**	**91801** **91802**
Wall units or wall assembly: Please see here the information on page **4**			-	-
Lamp for functional frame The functional frame can be fitted with an optional LED lamp. LED lamp incl. footswitch. Lamp switch optionally with a remote control unit (against surcharge). Later fitting not possible.			 15.1 W	 28.0 W
This luminaire contains built-in LED lamps of the energy classes A++ to A. The lamps cannot be changed in the luminaire. 12 V			**4145**	**9185**
			-	-
Surcharge for ceramic cover shelf 0.6 cm thick Later fitting is not possible.				
			2147	**2187**
Max. load: 15 kg per metre length for floor units.			-	-

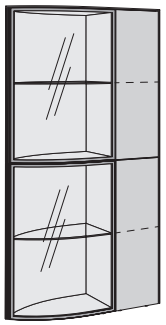
Notes on delivery:
Please see here the information on range introduction pages. 1 2

Assembly notes for wall units:
Please be sure to note here the information and notes in the "Wall composition" chapter! 4 6

Cabinet

Cabinet
212.2 cm high
(214.0 cm high incl. 1.8 cm high plinth adjusters),
45.4 cm deep
(49.9 cm deep incl. 4.5 cm deep functional frame)

Cannot be fitted as a wall unit!

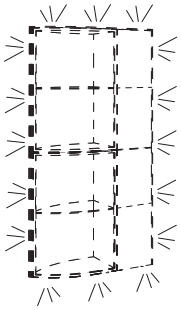


2
9

108.8 cm wide

		2 doors; 2 glass doors
	as illustr. v. versa	**1210111** **1210112** -

Lamp for functional frame
The functional frame can be fitted with an optional LED lamp. LED lamp incl. footswitch. Lamp switch optionally with a remote control unit (against surcharge). Later fitting not possible.



29.9 W

This luminaire contains built-in LED lamps of the energy classes A++ to A. The lamps cannot be changed in the luminaire. 12 V

12105
-

Surcharge for ceramic cover shelf and ceramic side(s)
0.6 cm thick

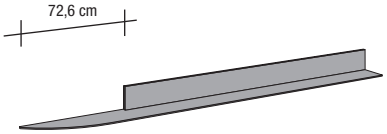
Later fitting is not possible.

Max. load: 15 kg per metre length for floor units.

12107
-

Angled shelves

Angled shelves
17.6 cm high;
24.0 cm deep

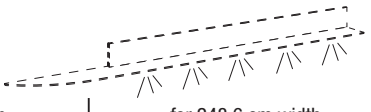


		178.2 cm wide	213.4 cm wide	248.6 cm wide	283.8 cm wide
		Max. load: 10 kg	Max. load: 15 kg	Max. load: 15 kg	Max. load: 15 kg
	as illustr. v. versa	**11741** **11742** -	**12141** **12142** -	**12441** **12442** -	**12841** **12842** -

This luminaire contains built-in LED lamps of the energy classes A++ to A. The lamps cannot be changed in the luminaire. 12 V

LED lamps incl. footswitch. A remote control unit is possible for operation (against a surcharge).

LED lamp for angled shelves



		for 178.2 cm width	for 213.4 cm width	for 248.6 cm width	for 283.8 cm width
		9.6 W	13.0 W	16.4 W	20.2 W
		1175 -	**1215** -	**1245** -	**1285** -

Accessories for units

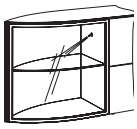
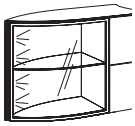
Accessories for drawers

		for 70.4 cm front width	for 105.6 cm front width	for ½ drawer, 140.8 cm wide	for ½ drawer, 176.0 cm wide
Tableau lined with grey fabric	for 45.0 cm depth	**8626** -	**8627** -	**8626** -	**8632** -
	for room dividers	**8636** -	**8637** -	**8636** -	**8642** -
		for 64 CD's	for 112 CD's	for 64 CD's	for 96 CD's
CD holder for drawers Please state exactly in your order and drawing in which 2 Raster drawer the CD holder is to be fitted.	for 45.0 cm depth	**8426** -	**8427** -	**8426** -	**8432** -
	for room dividers	**8436** -	**8437** -	**8436** -	**8442** -
		for 33 DVD's	for 44 DVD's	for 33 DVD's	for 44 DVD's
DVD/Blu-Ray holder for drawers Please state exactly in your order and drawing in which 2 Raster drawer the DVD/Blu-Ray holder is to be fitted.	for 45.0 cm depth	**8326** -	**8327** -	**8326** -	**8332** -
	for room dividers	**8336** -	**8337** -	**8336** -	**8342** -
		17.6 cm wide		35.2 cm wide	
Cutlery box of metal, lined with grey fabric inside; incl. compartments	for 45.0 cm depth	**855** -		**856** -	
	for room dividers	**845** -		**846** -	
		Set 1: for standard cutlery like spoons, forks, knives, etc.		**Set 2:** for sauce ladles, cake forks, cake servers, etc.	
Cutlery holder lined with grey fabric, for fitting in drawers Set 1: for 60 pieces of cutlery Set 2: for 17 serving utensils		**116** -		**117** -	

Fitted shelves

		for 35.2 cm width	for 52.8 cm width	for 70.4 cm width	for ½ compartment behind 176.0 cm wide flap	for 105.6 cm width
Fitted shelf 1.9 cm thick (2.9 cm thick for 105.6 cm width)	behind doors	**137** -	**154** -	**174** -	**184** -	**1104** -
	NEW behind flaps		**1548** -	**1748** -	**1848** -	**11048** -
L **Depth profiled fitted shelf** 1.9 cm thick				**1741 L** **1742 R** -		
L **Depth profiled fitted glass shelf** Clear glass; 0.8 cm thick				**3741 L** **3742 R** -		

Lamps

This luminaire contains built-in LED lamps of the energy classes A++ to A. The lamps cannot be changed in the luminaire. 12 V	LED lamps incl. footswitch. A remote control unit is possible for operation (against a surcharge).			
Integrated LED spotlamp Ø 7.1 cm; for fitting in units Later fitting is not possible.	2.9 W **7941** -			
 **LED spot** Ø 1.7 cm; swing-out; for fitting in unit sides	1.3 W **7961** -			
 **Interior LED lamp**	for 3 Raster height	for 4 Raster height	for 6 Raster height	for 9 Raster height
	3.8 W **322** -	5.2 W **422** -	7.9 W **622** -	12.1 W **922** -

Radio remote control with change of colour temperature

The lamps are normally operated by an external foot switch. The colour temperature of the LED lamps is cold white if a foot switch is used. A 4-channel radio remote control is also available as an alternative, which is charged extra. Several lamps can be operated with each of the 4 channels. All 4 channels can be dimmed separately at the push of a button. The colour temperature of all 4 channels can be set to any level from cold white (approx. 6500 kelvin = the basic setting of the LED lamps) to warm white (approx. 2700 kelvin). If warm white is required, a radio remote control must be ordered. It is also possible to switch all channels on and off simultaneously with the “all on” or “all off” buttons. The radio remote control consists of one transmitter and one receiver. If several receivers are required because of the arrangement of the units, these and the corresponding cables are provided ex-works (no surcharge). The foot switch is omitted when the radio remote control is used.

2119
-

DINING Dining tables and chairs

DINING

hülsta offers a room concept to meet all requirements in comfort, beauty of form and attractiveness with a comprehensive collection of dining room tables and chairs.

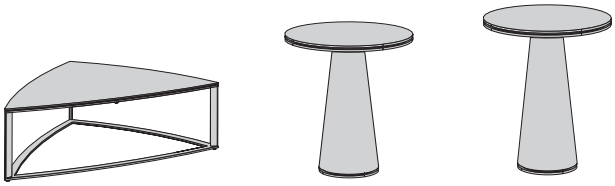
The **dining tables** in a wide variety of sizes (with and without pullout function) in all wood surface versions and in contemporary designs, as well as the **dining chairs** that can be combined individually using different armrests, comfort features, high-grade cover fabrics (leather, textiles) and metal surfaces can all be found in the **"DINING"** type list.

Coffee tables CT 200

Coffee tables CT 200

If you love clear lines and gentle curves, you will find your perfect companions in the tables from **CT 200**. They take up the organic form of the elliptical units in NAVIS but also cut an elegant figure as solo units or when combined with one another. The arches of the coffee tables in metal, glass and ceramics open up the space in front of the sofa rather than enclosing it.

You will find the CT 200 coffee table as well as other coffee tables in the **"Coffee tables"** type list.



Coffee tables

Coffee tables

hülsta offers a comprehensive **collection of coffee tables**, which not only match the hülsta furniture ranges perfectly but can also be combined with other products that are available on the market. You will find these coffee tables in a number of designs, sizes and versions in the **"Coffee tables"** type list.

NAVIS

Special-sized products are possible on request.
Please get in touch with your customer advisor.

Special articles

Cover panels
for side and top panelling of fitted wardrobes (support construction and fitting materials must be acquired on site).

Basic price per order	**9901**	-
+ price per m^2 lacquer or veneer	**990**	-

Veneer match with fronts can not be guaranteed.

Individual special-sized products
If the special-sized product that you require is so unusual that it cannot be illustrated with the many special sized products that we already provide and charge for, then we will quote you the price using a 33 unit type factor. In your order please state for us the relevant enquiry number and the 33 unit type factor stated.

33	-

Special colours; Note on „Blue Angel“ / Emissions label of DGM

Special colours
All the hülsta lacquer colours are possible for nearly all the hülsta ranges.
Availability and prices on request.

Note on „Blue Angel“ (RAL-UZ 38) and Emissions label of DGM (Class A)
It is possible that the requirements of the „Blue Angel“ and the DGM Emissions Label cannot be met by some of the lacquer colours in price groups III and IV (see here the different lacquer versions in the NEO range), depending on the colour mix (surface ratio of these colours in the corresponding order). However, the legal requirements are definitely met in all cases!

Radio remote control with change of colour temperature

The lamps are normally operated by an external foot switch. The colour temperature of the LED lamps is cold white if a foot switch is used. A 4-channel radio remote control is also available as an alternative, which is charged extra. Several lamps can be operated with each of the 4 channels. All 4 channels can be dimmed separately at the push of a button. The colour temperature of all 4 channels can be set to any level from cold white (approx. 6500 kelvin = the basic setting of the LED lamps) to warm white (approx. 2700 kelvin). If warm white is required, a radio remote control must be ordered. It is also possible to switch all channels on and off simultaneously with the “all on” or “all off” buttons. The radio remote control consists of one transmitter and one receiver. If several receivers are required because of the arrangement of the units, these and the corresponding cables are provided ex-works (no surcharge). The foot switch is omitted when the radio remote control is used.

The following points must be noted with the radio remote control:
- The receiver must be positioned behind a rear wall or under plinth shelves (at least 20 mm space required under plinth shelves).
- The total wattage power of all lamps included per receiver must not exceed 30 W.
- 4 channels = 4 light groups
- 1 light group = x lights
- All lamps within a light group can be dimmed to the same brightness.
- The change of the colour temperature takes place for all lamps in all light groups.
- The radio remote control is not suitable for equipment operating on 110 V.

Please be sure to note the operating and programming instructions!

4-channel radio remote control with change of color temperature

Light colour warmer
Light colour colder
Channel 1 to 4
(with dimmer function)
All off
All on

4-channel radio remote control with change of color temperature

Type	**2119**	-

Examples of use (schematic diagrams)

Example 1

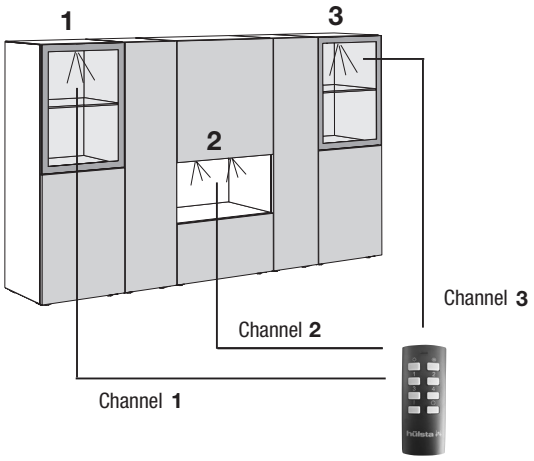
Lights inside a unit

Channel 1 operates (and dims) all the lights in light group 1,
i.e. the LED spotlamp in the left cabinet

Channel 2 operates (and dims) all the lights in light group 2,
i.e. the LED spotlamps in the open compartment

Channel 3 operates (and dims) all the lights in light group 3,
i.e. the LED spotlamp in the right cabinet

Notes:
The total wattage power of all lamps included per receiver must not exceed 30 W. The change of the colour temperature takes place for all lamps in all light groups.



Example 2

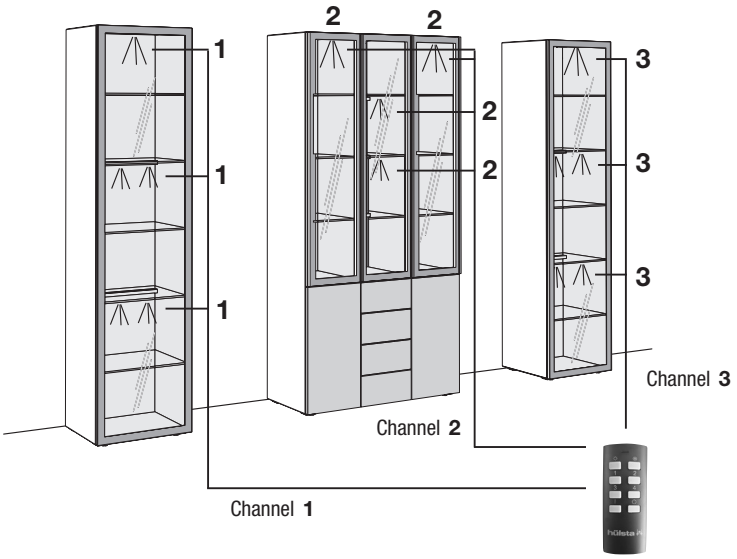
Lights in units set apart

Channel 1 operates (and dims) all the lights in light group 1,
i.e. the LED spotlamp and the LED light panels in the left cabinet

Channel 2 operates (and dims) all the lights in light group 2,
i.e. the LED spotlamps and the LED light panels in the centre cabinet

Channel 3 operates (and dims) all the lights in light group 3,
i.e. the LED spotlamp and the LED light panels in the right cabinet

Notes:
The total wattage power of all lamps included per receiver must not exceed 30 W. The change of the colour temperature takes place for all lamps in all light groups.



Example 3

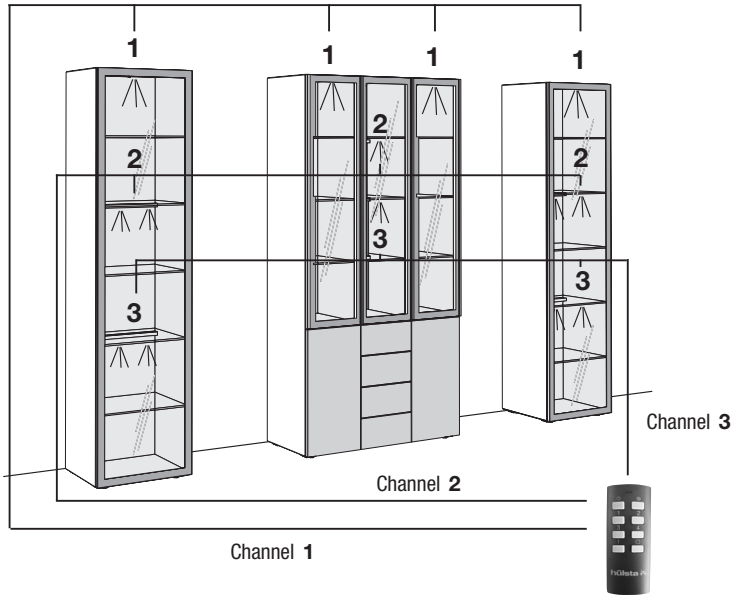
Lights in units set apart

Channel 1 operates (and dims) all the lights in light group 1,
i.e. the LED spotlamps in the left, centre and right cabinet

Channel 2 operates (and dims) all the lights in light group 2,
i.e. the top LED light panels in the left, centre and right cabinet

Channel 3 operates (and dims) all the lights in light group 3,
i.e. the bottom LED light panels in the left, centre and right cabinet

Notes:
The total wattage power of all lamps included per receiver must not exceed 30 W. The change of the colour temperature takes place for all lamps in all light groups.



Important notes

Wall composition / assembly instruction

Important notes:
The composition of walls must be ascertained before concluding a contract and be checked by a qualified fitter before assembly takes place.

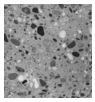
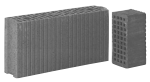
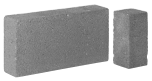
Assembly may only be carried out by a qualified fitter under careful observation of the assembly instructions.

The plastic Rawl plugs supplied by hülsta as a standard set are only suitable for concrete ≥ C12/15, if the wall composition and compression strength corresponds to the table below. Under no circumstances must a unit be assembled on light masonry.

Furthermore, we provide a mounting set with assembly mortar for the types of walls listed below (see assembly mortar set below). Again, assembly must be carried out by a qualified fitter under careful observation of the wall composition and assembly instruction. The compression strength levels stated below must be met under all circumstances.

Materials table

with a description of which sets are to be used with the following types of walls:

Standard set	**Assembly mortar set** only suitable for the materials stated below!
Concrete C12/15 Compression strength ≥ 15 N/mm² 	Building bricks Mz 12 Compression strength ≥ 12 N/mm² Limestone blocks KS 12 Compression strength ≥ 12 N/mm² Perforated sand lime bricks KSL12 Compression strength ≥ 12 N/mm²  Vertically perforated bricks HLz 12 Compression strength ≥ 12 N/mm² Bulk density ≥ 1.0 kg/dm³  Solid blocks of light concrete V2 Compression strength ≥ 2 N/mm² Perforated blocks of light concrete Hbl 2 Compression strength ≥ 2 N/mm² Aerated concrete PP2 Compression strength ≥ 2 N/mm²

A different and more suitable type of mounting must be chosen by a qualified fitter in all other cases. hülsta cannot accept any responsibility for the choice of any other types of mounting! Please note that if the units are not mounted properly on the wall, there is a risk of the units falling down or tipping over – especially when alternative mounting materials acquired on site have been used. Generally speaking, you as a dealer/qualified fitter are responsible for the correct wall mounting of the units.

Mounting sets

Labelling in type list drawings / assembly notes for wall units
The Navis functional frames are always fitted on the wall for floor units and for wall units. The number of wall mounting points = screws is marked in the drawings in the type list with numbers in black boxes.

4 = 4 screws
6 = 6 screws etc.

One **assembly mortar set** is sufficient for up to a maximum of 9 screws.

Important note: Depending on the composition of the wall (see wall types illustrated above), assembly must be carried out using the special assembly mortar set and a standard trade mastic tool which are the basic essentials for safe and clean workmanship.

Standard set
The standard set consists of 4 plastic Rawl plugs and 4 mounting screws. The standard sets are included in the packet of fittings to match the number of screws.

Assembly mortar set for up to a maximum of 9 screws consisting of:

9x injection retaining sleeve
9x screw-in sleeve
1x injection cartridge
2x static mixer
1x assembly instructions

Please use the mounting screws from the standard set (supplied free of charge).

Example of order:

- Add up number of screws for all existing unit types
- Divide the sum by “9”
- Round up the result to a full number

= Number of assembly mortar sets required

M2

-

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Your Hotline to hülsta

Do you have any questions or require any alterations to your order confirmation?
Do you have any questions on our products or your current order?
Do you have any complaints about supplied goods or required replacement parts?
Contact Telephone: +49 (0) 2563 / 86-1627 • email: orders@huelsta.com

Do you have any questions, suggestions or wishes for the **hülsta product seminars**?
Contact Telephone: +49 (0) 2563 / 86-1493 • email: seminare@huelsta.com

hülsta Planning Service

Your furn plan planning is so complex that you need our support? We have created the hülsta Planning Service for this kind of situation. hülsta employees will check your planning as quickly as possible. The customer gets a planning that will inspire him!

hülsta Planning Service
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Mail: Planungsservice-Handel@huelsta.com
Mondays to fridays from 9.00 a.m. until 5.00 p.m.

Special wishes? Come to us!

Maximum individuality! – Maximal flexibility! – hülsta makes most of your special wishes possible. And if you do have a wish which is not quite so easy to implement, just give us a call or send us a mail or a fax. We have our own hülsta "Special Wishes Team" who are there to help you realise just these customer requests. These colleagues are professionals when it comes to special products. They plan and calculate the products possible for you and even develop an alternative suggestion if the idea should turn out to be technically impossible.

Here is an overview of the hülsta range of special wishes:
- A lot of special products can be ordered simply via the type list
- Special-sized products are planned simply and professionally
- Competent colleagues advise you by phone, by fax and by mail
- You will be sent alternative suggestions if the idea is technically impossible
- Many special-sized products are available without a surcharge
- Specially qualified carpenters and technicians implement your plans perfectly

hülsta Special Wishes Team
Tel.: +49 (0) 2563 / 86-1060
Fax: +49 (0) 2563 / 86-1000
Mail: Sonderwunsch@huelsta.com

We are open Saturdays for you, too!

Our **Saturday hotline** is available from **10.00 a.m. until 5.00 p.m**.

Telephone: +49 (0) 2563 / 86-1800

The hülsta Sales Department is available
mondays to fridays from **9.00 a.m. until 5.00 p.m**.

hülsta NAVIS

Stand: E 9. 2021

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