

Pergola awnings Perea

Pergola awnings Perea P70

Pleated

Extravagant design: The awning fabric folds when retracted, creating a sophisticated appearance.

Expansive

For private and commercial spaces: Optimum fabric tension and wind stability thanks to the travelling reinforcing profiles.

Weather-resistant

Relax despite rain and wind: Rain-proof, translucent fabrics combined with a defined drainage function allow you to spend more time outdoors, even in poor weather.

Construction limit values

Maximum order width	6000 mm
Maximum order depth	6000 mm

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Order form

[🔗 https://docs.warema.com/fi/2022024.pdf](https://docs.warema.com/fi/2022024.pdf)

WAREMA tools

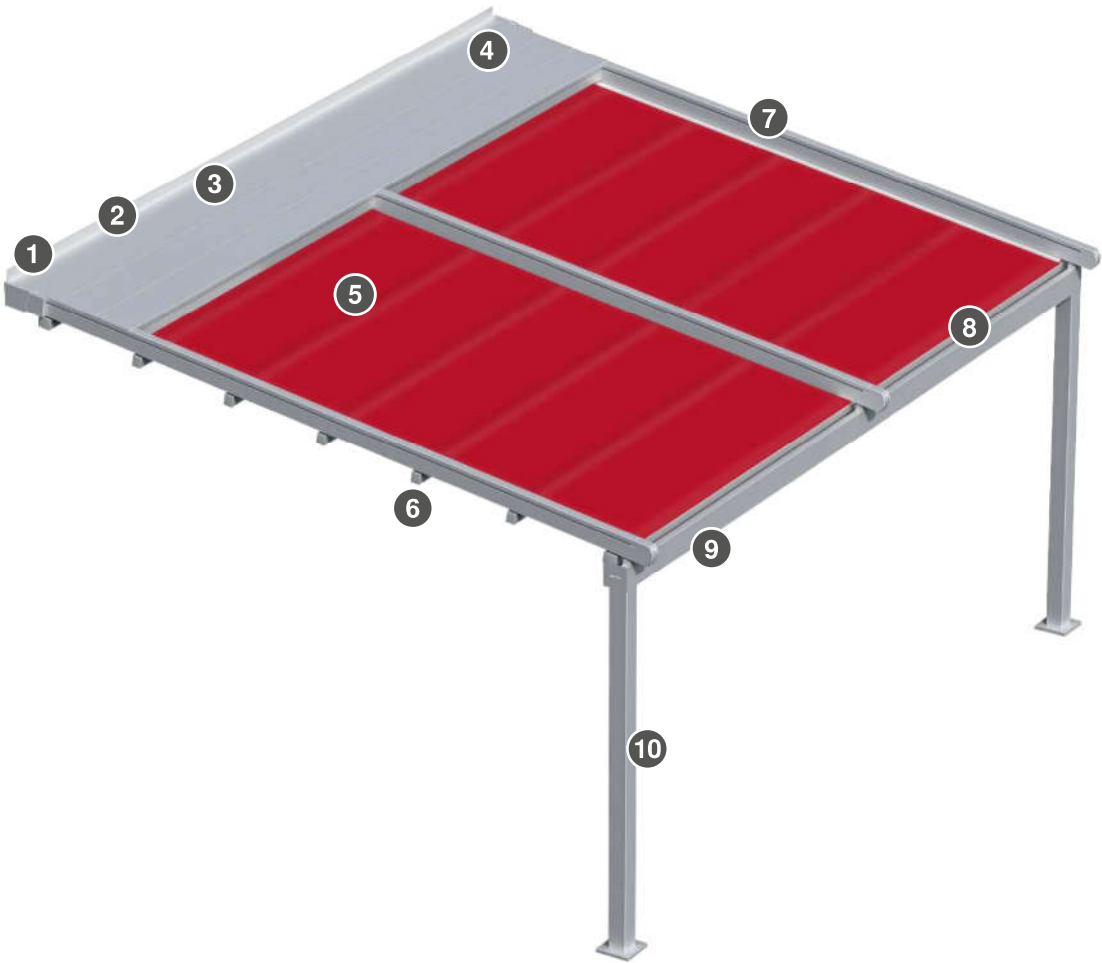
[🔗 Collection Assistant](#)

[🔗 Sun Shading Planner](#)

[➕](#) see "Navigating the document", Page 5

Components

Pergola awning Perea P70



- 1 Wall connection profile
2 Cover panel
3 Shaft
4 Console
5 Awning fabric
- 6 Horizontal profile
7 Rafters
8 Front rail
9 Drainage gutter
10 Pole

Cover panel

Cover panel - P70

Material	Aluminium, folded
Surface	Powder-coated

From a width of 4001 mm, the cover panel is split in the middle.

Shaft

Motor shaft Ø 70 mm

Material	Steel
Surface	Plain
Profile	Groove tube
Diameter	70 mm

Front rail

Front rail - P70

Material	Aluminium, extruded
Surface	Powder-coated
Width	80 mm
Height	66.5 mm

There are two front rails. The fixed front rail is located at the wall connection and the second is pulled forwards via the toothed belt.

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Reinforcement profile

Reinforcement profile - P70

Material	Aluminium, extruded
Surface	Powder-coated
Width	55 mm
Height	66.5 mm

The reinforcement profiles run across the entire awning width and are guided into the rafters using runners.

Rafters

Rafter/guide rail - P70

Material	Aluminium, extruded
Surface	Powder-coated
Width	60 mm
Height	123 mm

+ End closure

End closure - P70

Material	Aluminium
Surface	Powder-coated

With deflection bearing

Pole

Pole - Perea patio frame

Maximum order height	3500 mm
Material	Aluminium, extruded
Surface	Powder-coated
Width	111 mm
Depth	111 mm

Base plate

Base plate - Ø 200 mm Perea

Material	Galvanised steel
Surface	Powder-coated
Diameter	200 mm

Niche base plate - P60/P70

Material	Galvanised steel
Width	155,5 mm
Height	6 mm
Diameter	200 mm
Dimensions, notes	Base plate is sloped on one side.

Base plate, optional

Base plate - on-site glazing P70

Material	Galvanised steel
Surface	Powder-coated
Width	350 mm
Height	200 mm

Downward drainage through the base plate is only possible in combination with this base plate.

Base cover, optional

Base cover - P60/P70

Material	Aluminium
Surface	Powder-coated
Width	210 mm
Height	25 mm
Depth	210 mm

For base plate diameter 200 mm

Base cover for niche base plate - P60/P70

Material	Aluminium
Surface	Powder-coated
Width	171,5 mm
Height	25 mm
Depth	210 mm

Drainage

Large drainage gutter 150x150

Material	Aluminium, extruded
Surface	Powder-coated
Width	150 mm
Height	150 mm

If front-mounted awnings/GranTex with easyZIP guidance are to be installed, the large drainage gutter is required.

Drainage in pole - P60/P70

Drainage via drainage profile in pole.

Position of drainage outlet:

- Can be on any side of the pole (front/rear/right/left).
- Height min.: 100 mm
- Max. height: 250 mm below the headroom

Wall connection profile

Wall connection profile - P70

Material	Aluminium, folded
Surface	Powder-coated

From a width of 4001 mm, the wall connection profile is split in the middle.

Console

Wall console type A - P70

Material	Aluminium, extruded
Width	160 mm
Height	71 mm
Depth	86 mm

Guide variants

- Back-pull

Pulling element

Toothed belt

Material, notes	With steel insert
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Drive variants

- Motor

Motor

- MM30/17

+ see "Drive variants", Page 471

Colours

- WAREMA Colour World, Highlight category, fine texture surface quality
- WAREMA Colour World, Variation category, fine texture surface quality
- WAREMA Colour World, Individual category, fine texture surface quality

Colours, optional:

- WAREMA Colour World

+ see "Colours and finishes", Page 10

Fabric qualities

- Soltis W96

+ see "Awning collection", Page 460

Supplementary accessories

- LED strip light rail
- Radiant heater
- Front-mounted awnings with easyZIP guidance
- PVC viewing field
- GranTex with easyZIP guidance
- Stretcher frame
- Patio frame
- Power socket

+ see "Supplementary accessories", Page 325

Notes

Surface quality:

The fine texture surface quality is the most common and suitable variant for this type of roof system product and ensures a uniform surface appearance. It is more resistant and less sensitive to external influences such as dirt, marks and scratches.

Planning permission:

Pergola awnings require planning permission, depending on their overall size and the local regulations.

Fixing of the radiant heater:

It is not possible to fix the radiant heaters directly to Perea pergola awnings.

Construction limit values

Configuration variants	Minimum order width	Maximum order width	Minimum order depth	Maximum order depth	Maximum order area	Minimum inclination angle	Maximum inclination angle
Fabric qualities							
Soltis W96	1500 mm	6000 mm	2000 mm	6000 mm	36 m ²	7 °	20 °

Console offset: The offset of the consoles is limited to between 90 mm and 100 mm up to an order width of 1600 mm.

Number of rafters: For order widths of 4001 mm and greater, an additional rafter is required. This is located in the middle of the unit.

Series-mounted units:

- Generally, only individual units are possible, i.e. no unit coupling!
- The lining up of several pergola awnings is possible with a flush closure.
- Each awning requires two or three single rafters.
- This results in a gap of 62 mm between the units, which is covered by an additional folded cover sheet.
- The installation of two rafters on one pole is possible with an adapter plate.
- The water must be drained via the two outer poles.

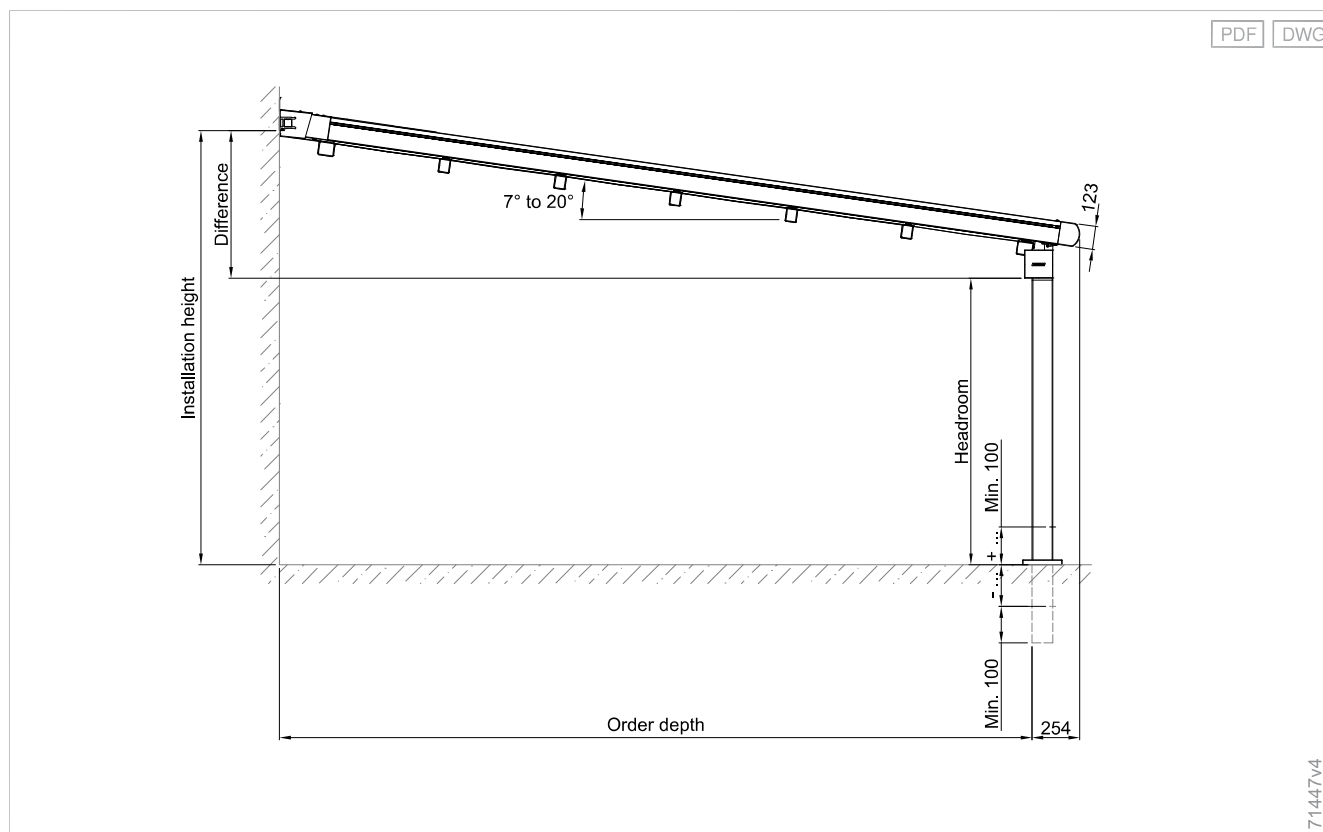
Dimensions

Weight per running metre: 36 kg/lfm

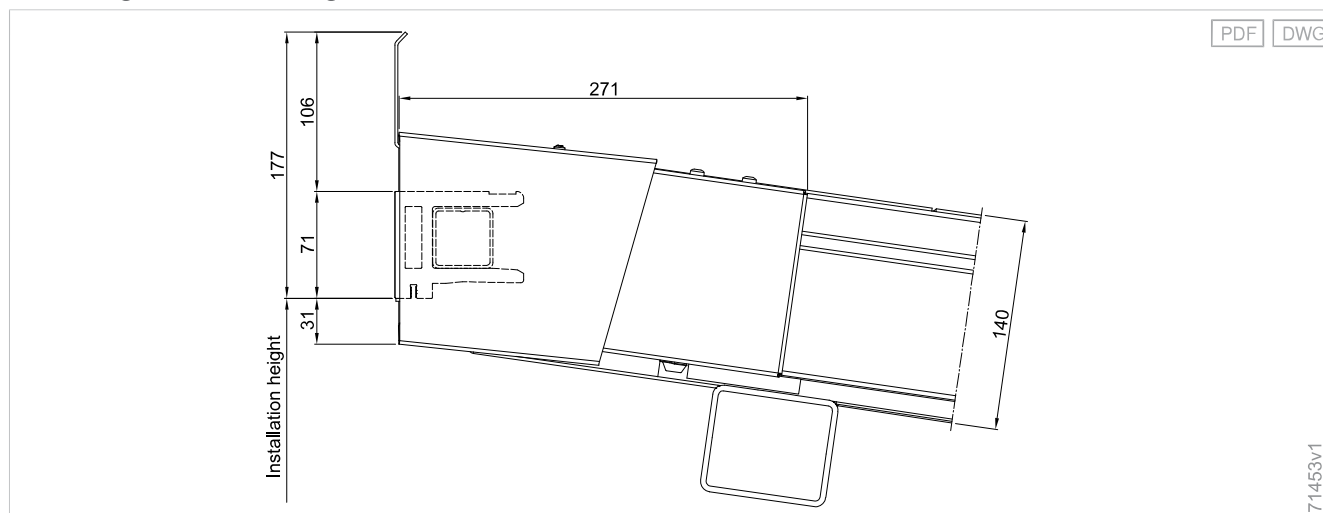
Weight per running metre, notes: Cover panel without consoles, without rafters, drainage gutter and pole.

Dimension determination

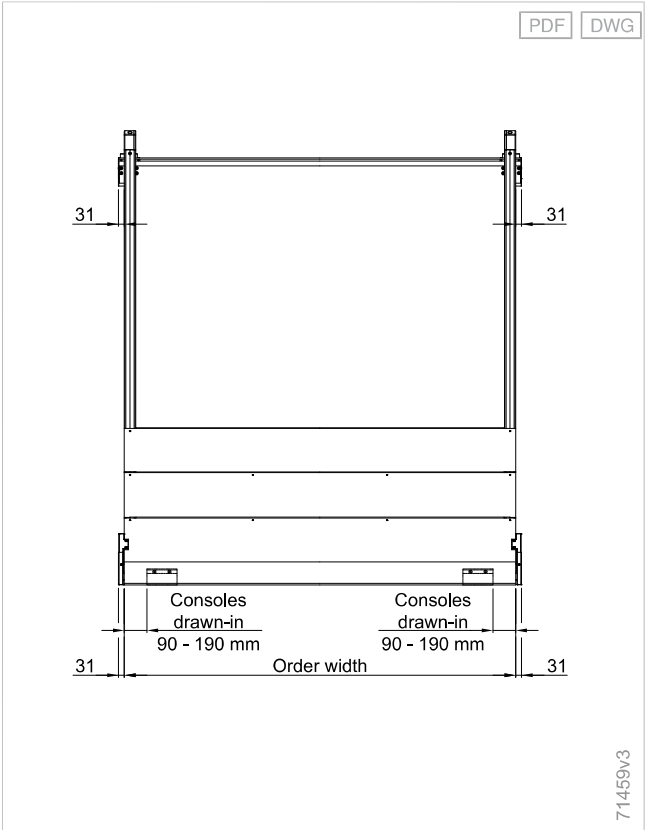
Individual unit - P70



Determining the installation height for wall installation - P70

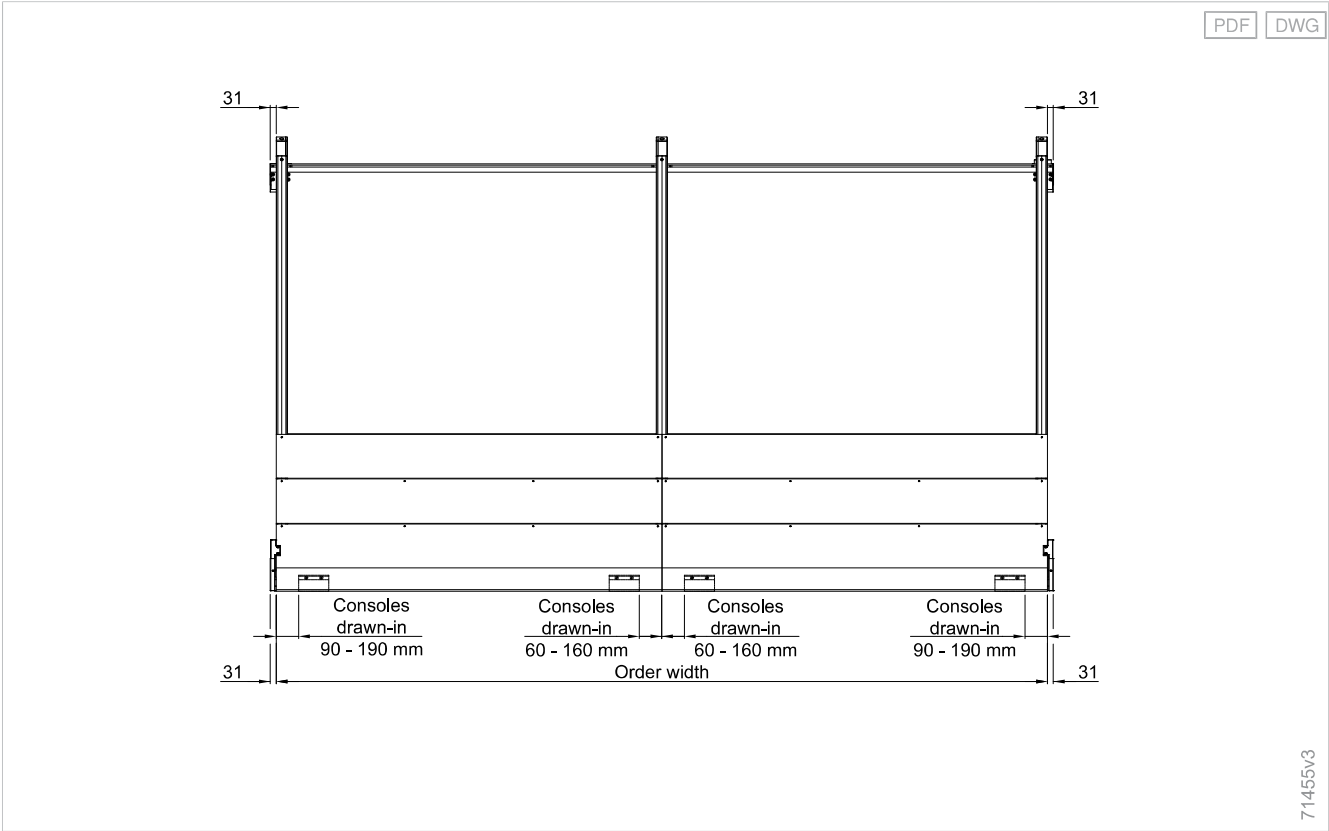


Individual units up to 4000 mm in width (two rafters) - P70

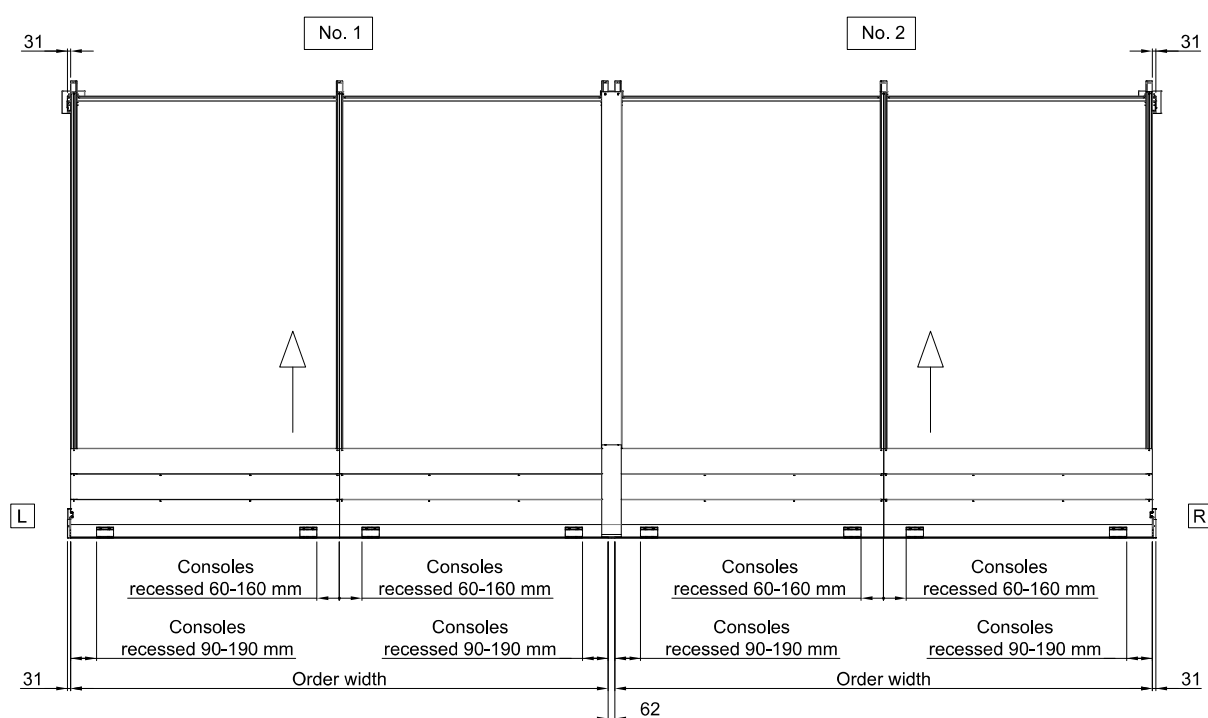
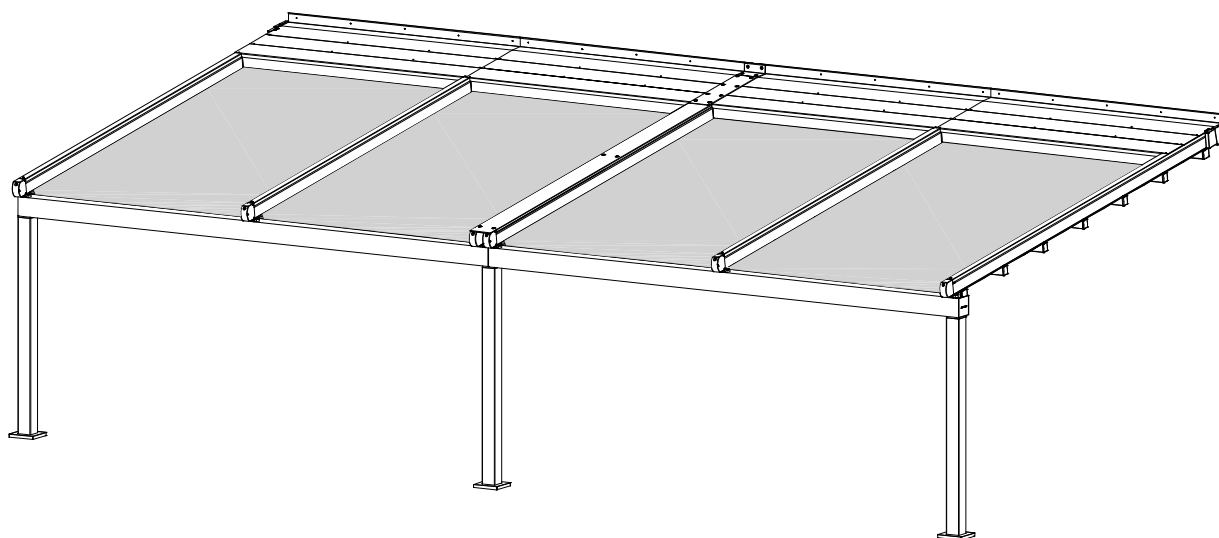


Order width P70 + 62 mm = outer edge of pole

Individual units 4001 mm in width and greater (three rafters) – P70



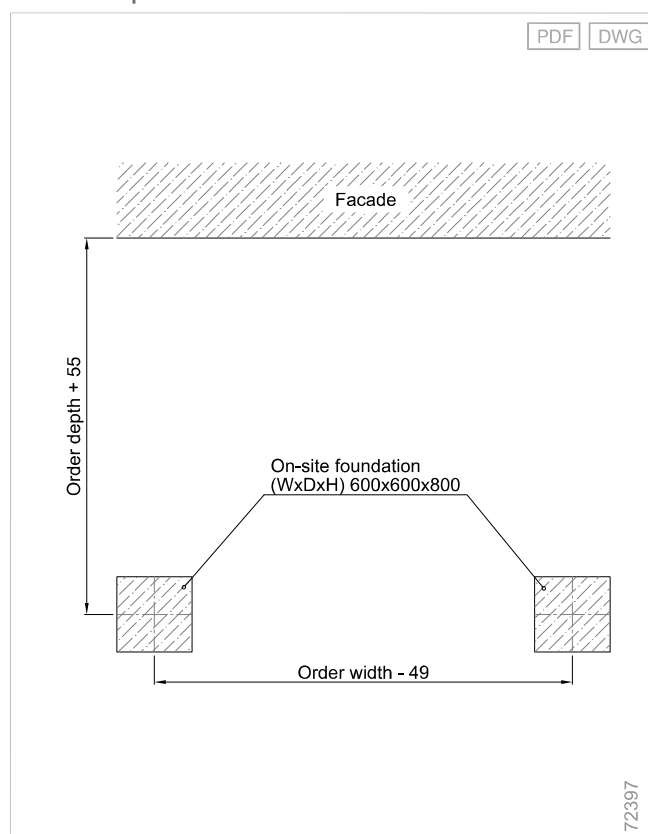
Order width P70 + 62 mm = outer edge of pole



72395v2

Order width P70 + 62 mm = outer edge of pole

Foundation plan - P70



Dimension determination

Minimum difference between installation height and headroom

Configuration variants	Order depth	2000 mm	2500 mm	3000 mm	3500 mm	4000 mm	4500 mm	5000 mm	5500 mm	6000 mm
Fabric qualities										
Soltis W96	Minimum difference	461 mm	522 mm	583 mm	645 mm	706 mm	768 mm	829 mm	890 mm	952 mm

This is the minimum difference between the installation height and the headroom for the **minimum inclination of 7°** required for rainwater drainage.

Water drainage in the drainage gutter is only ensured when the awning is **fully extended**.

Water can also run into the loops of the fabric and can drip from the side underneath the guide rail if the awning is retracted while wet. **The area below the extended fabric thus remains dry.**

Quantity determination

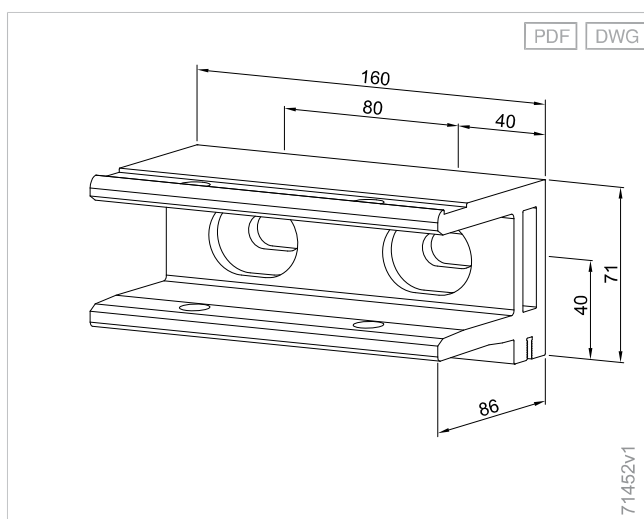
Number of consoles, individual unit

Configuration variants	Order width	Order depth 2000 - 6000 mm
Console/Bracket		
Wall console	1500 - 4000 mm	2
Wall console	4001 - 6000 mm	4

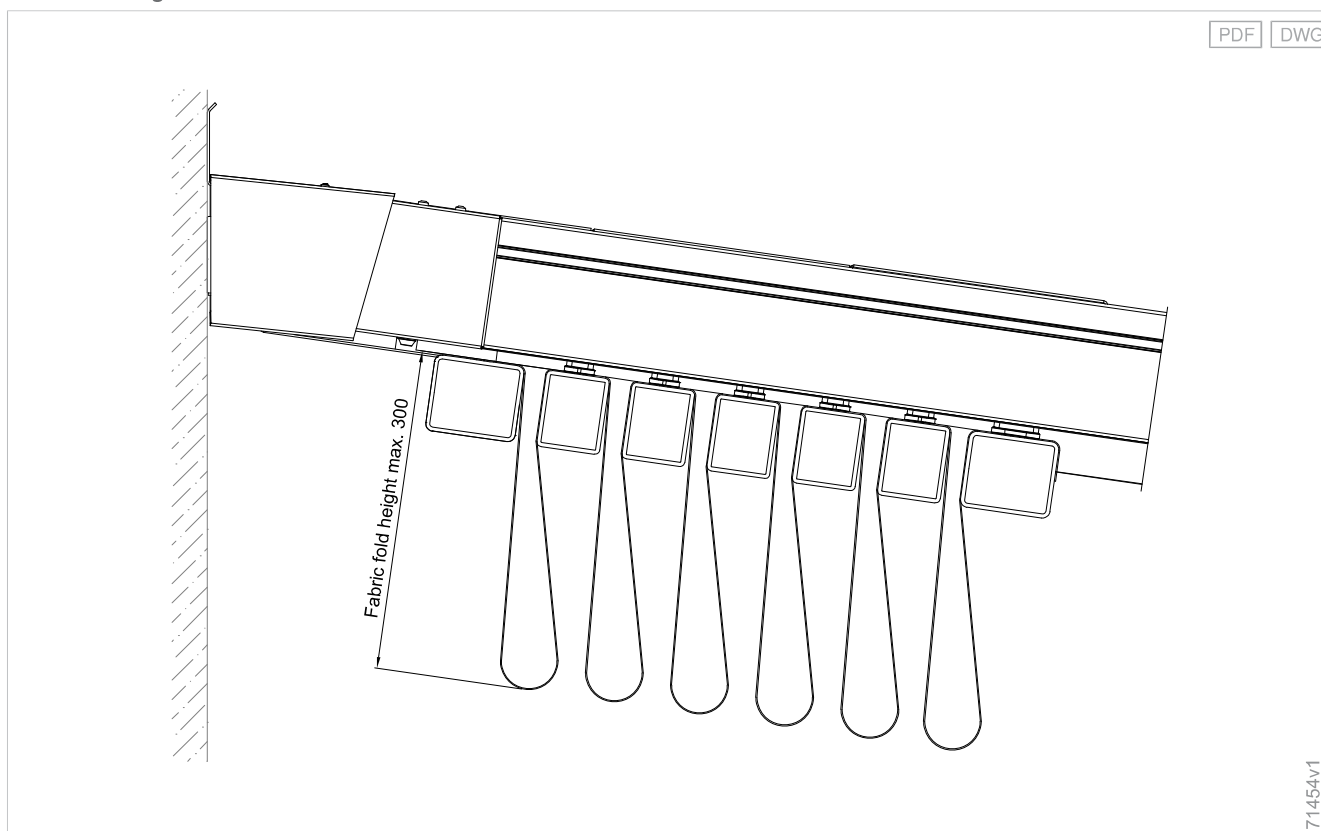
Details

Wall installation (right console – left console laterally reversed)

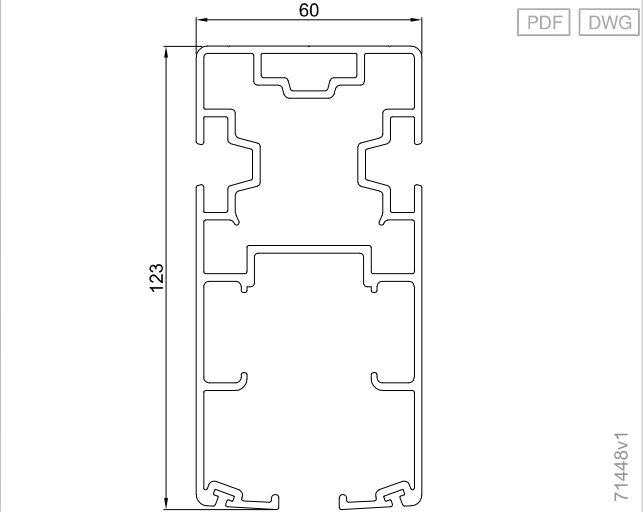
- P70



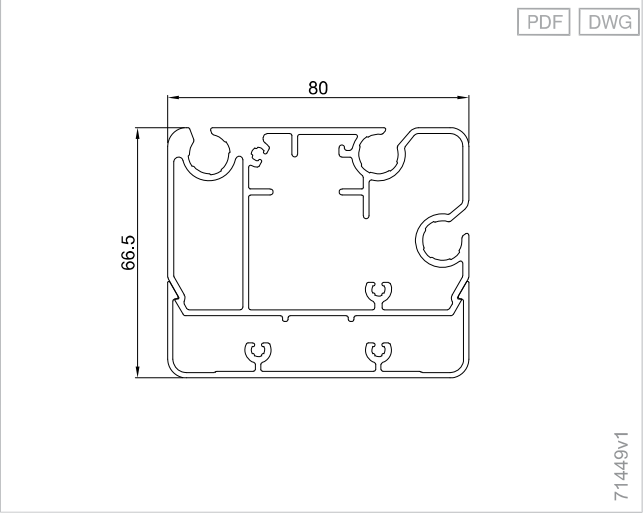
Fabric fold height - P70



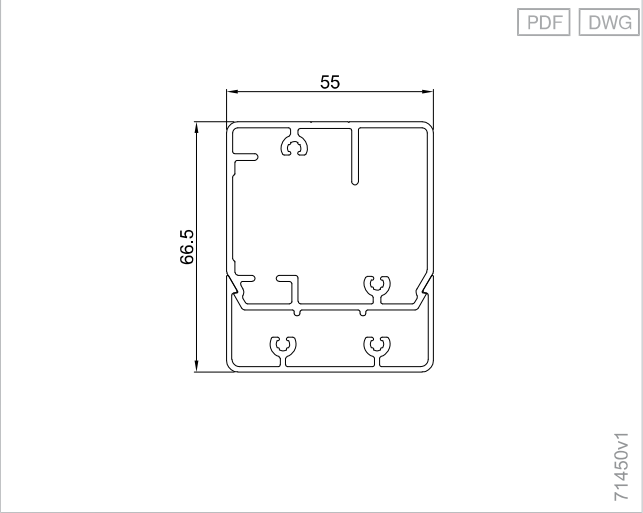
Rafters - P70



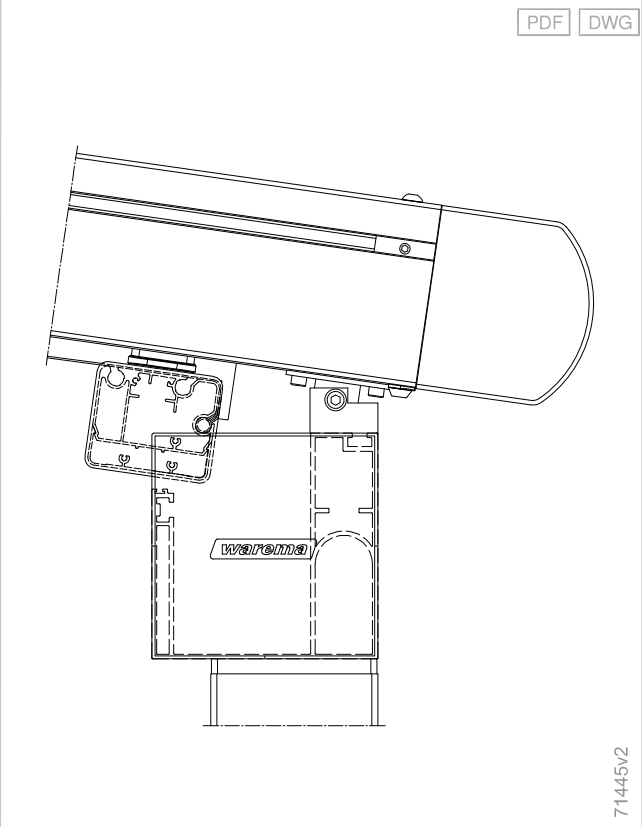
Projection profile with cover profile - P70



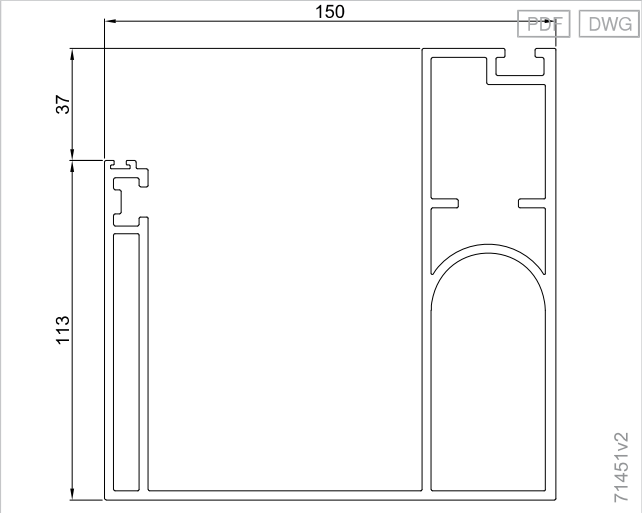
Travelling reinforcement profile with cover profile - P70



Front rail - P70



Large drainage gutter - P60/P70



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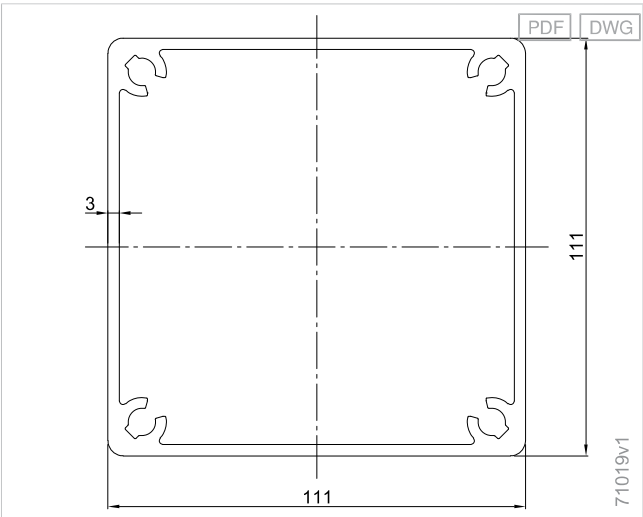
Supplementary
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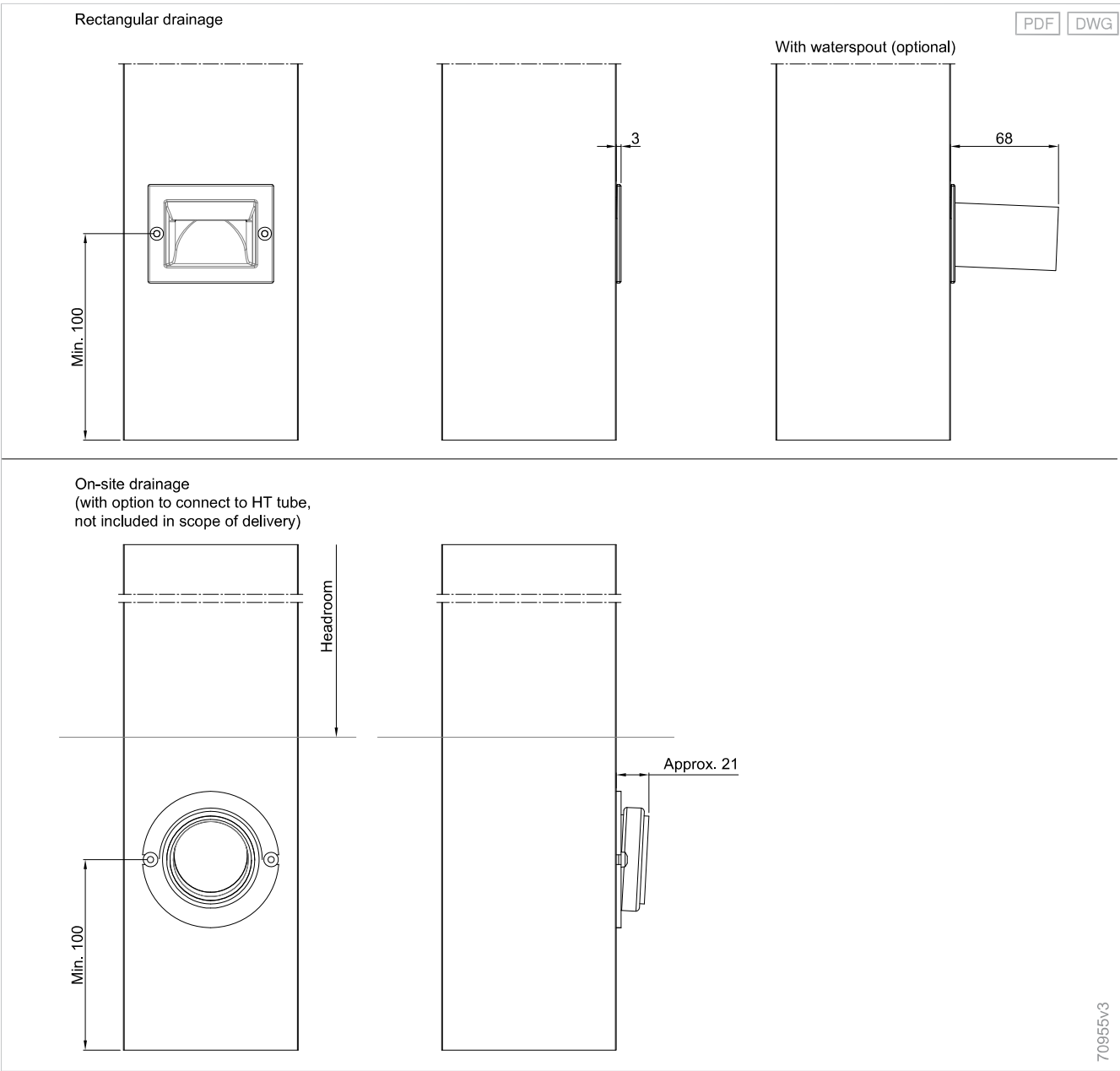
Drive
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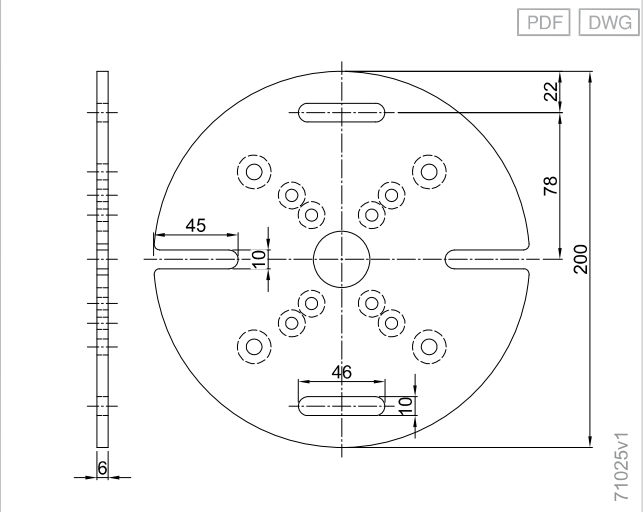
Pole - Perea patio frame



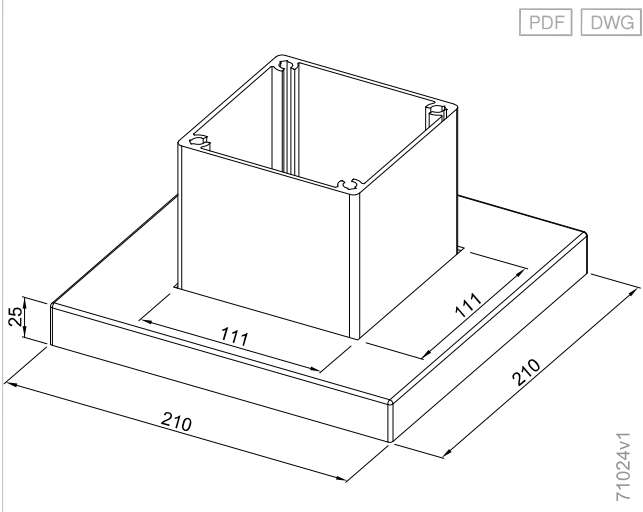
Position of drainage - P60/P70



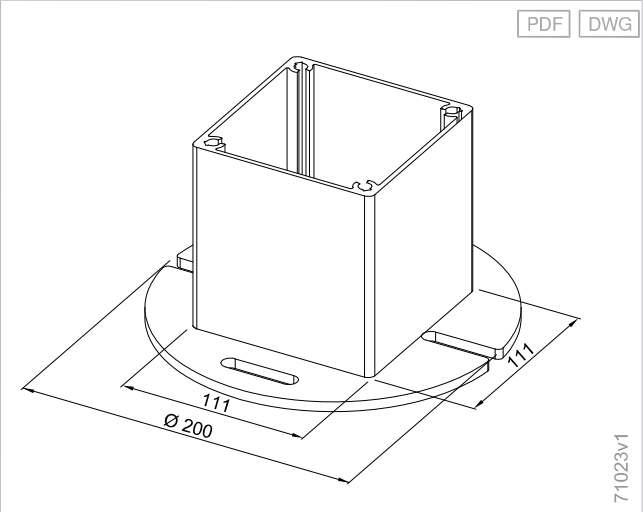
Pole fixing base plate - P20/P40/P40 WE/P60/P70



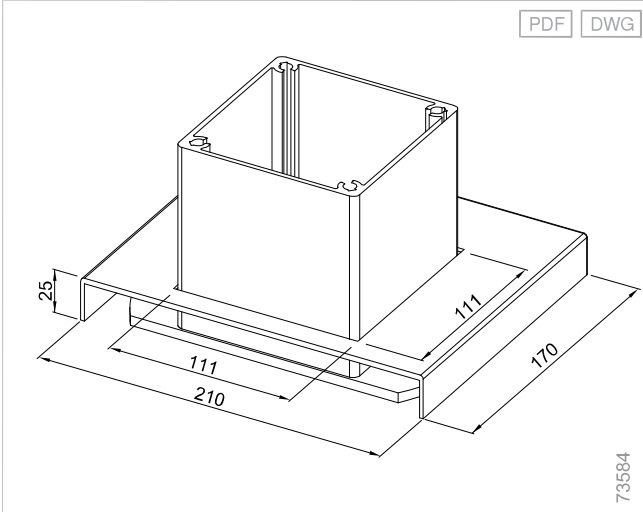
Base cover - P60/P70



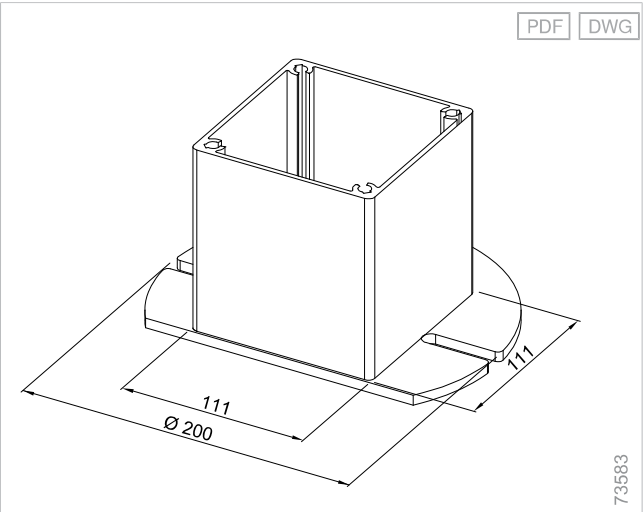
Pole fixing with base plate - P60/P70



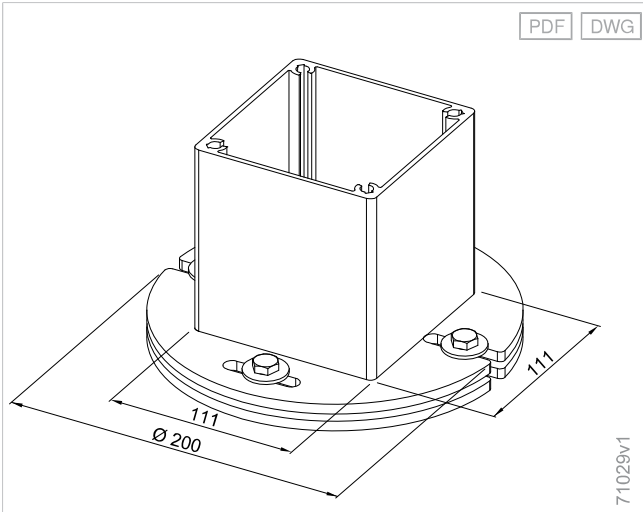
Base cover for recess installation- P60/P70



Pole fixing with base plate flush right/left - P60/P70



Adapter plate ground screw - P60/P70



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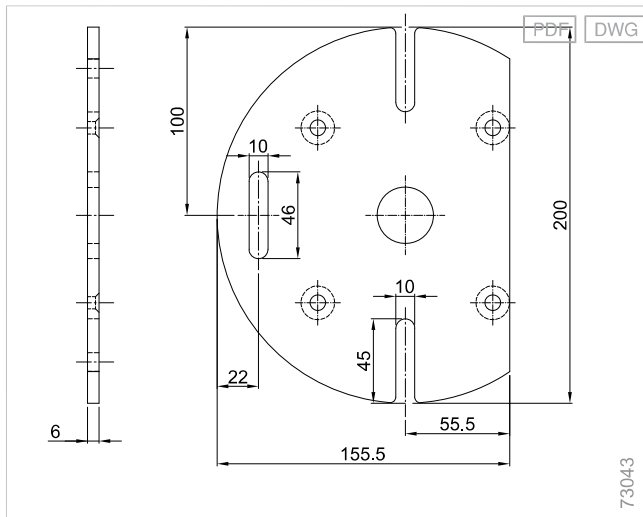
Supplementary
accessories

Components

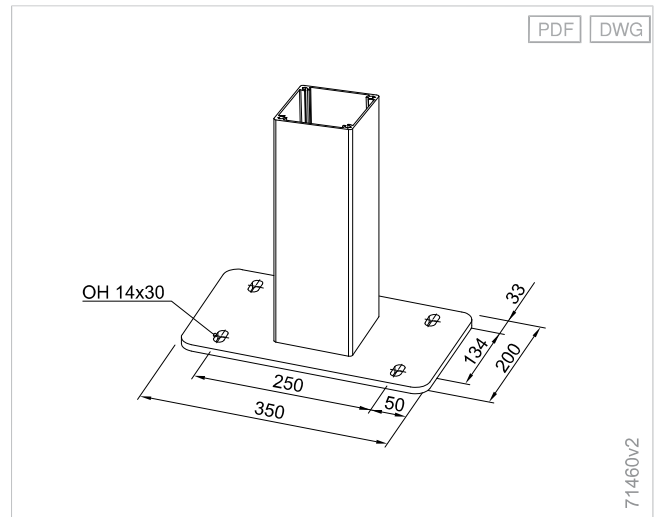
Drive
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Recess installation base plate - P60/P70



Pole fixing for on-site glazing - P70



Additional product information

Pole installation options

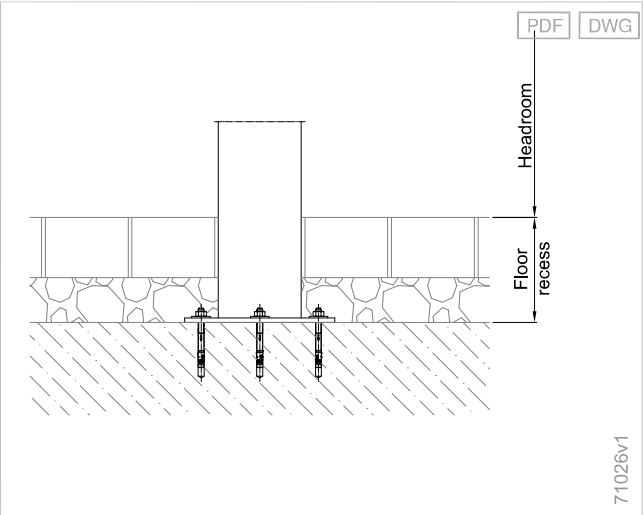
- Ground installation with frost-proof, on-site foundation, dimensions (WxDxH) 600×600×800 mm
- The grout for filling the clearance is not included in the scope of delivery when **threaded rods** are used

Number of profiles and length of cover panel

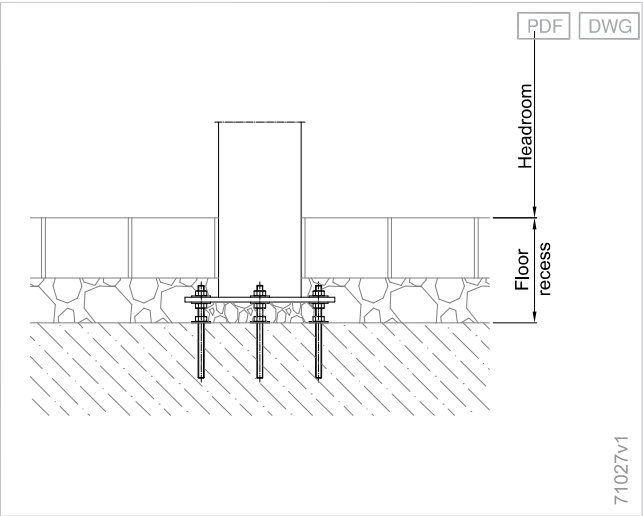
Order depth with 7° inclination	Cover panel length	Number of reinforcement profiles	Max. number of additional reinforcement profiles
2000 mm - 2213 mm	605 mm	2	1
2214 mm - 2863 mm	686 mm	3	2
2864 mm - 3513 mm	766 mm	4	2
3514 mm - 4163 mm	846 mm	5	2
4164 mm - 4813 mm	926 mm	6	2
4814 mm - 5463 mm	1005 mm	7	3
5464 mm - 6000 mm	1086 mm	8	4
	1167 mm	9	
	1245 mm	10	
	1328 mm	11	
	1408 mm	12	

Mounting examples

Fixing without clearance on concrete foundation - P60/P70



Fixing with clearance on concrete foundation - P60/P70



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