For Sure

Introduction
dvLED Connect-it

dvLED market

- Mainly 2 different sizes dvLED cabinets
  - 27” cabinets
  - 500x500 / 500x1000 cabinets

- 27” cabinets
  - Used to create 16:9 configurations (full HD, 4K, 8K)
  - Applications: meeting rooms (corporate), some control rooms

- 500x500 / 500x1000 cabinets
  - Used to create any specific size (no 16:9 configurations)
  - Retail, (rental)

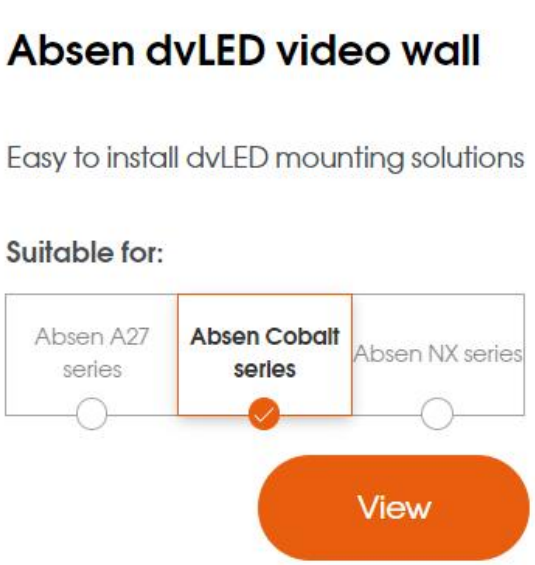
Integrator Insight(s)

Integrators need a solution for their specific dvLED video wall project. Not necessarily a universal solution.

The Vogel's dvLED Connect-it line up is a a universal solution for (almost) all dvLED brands. We also offer ready to order, pre-defined kits for the most common brands, series and configurations.

dvLED Connect-it kits

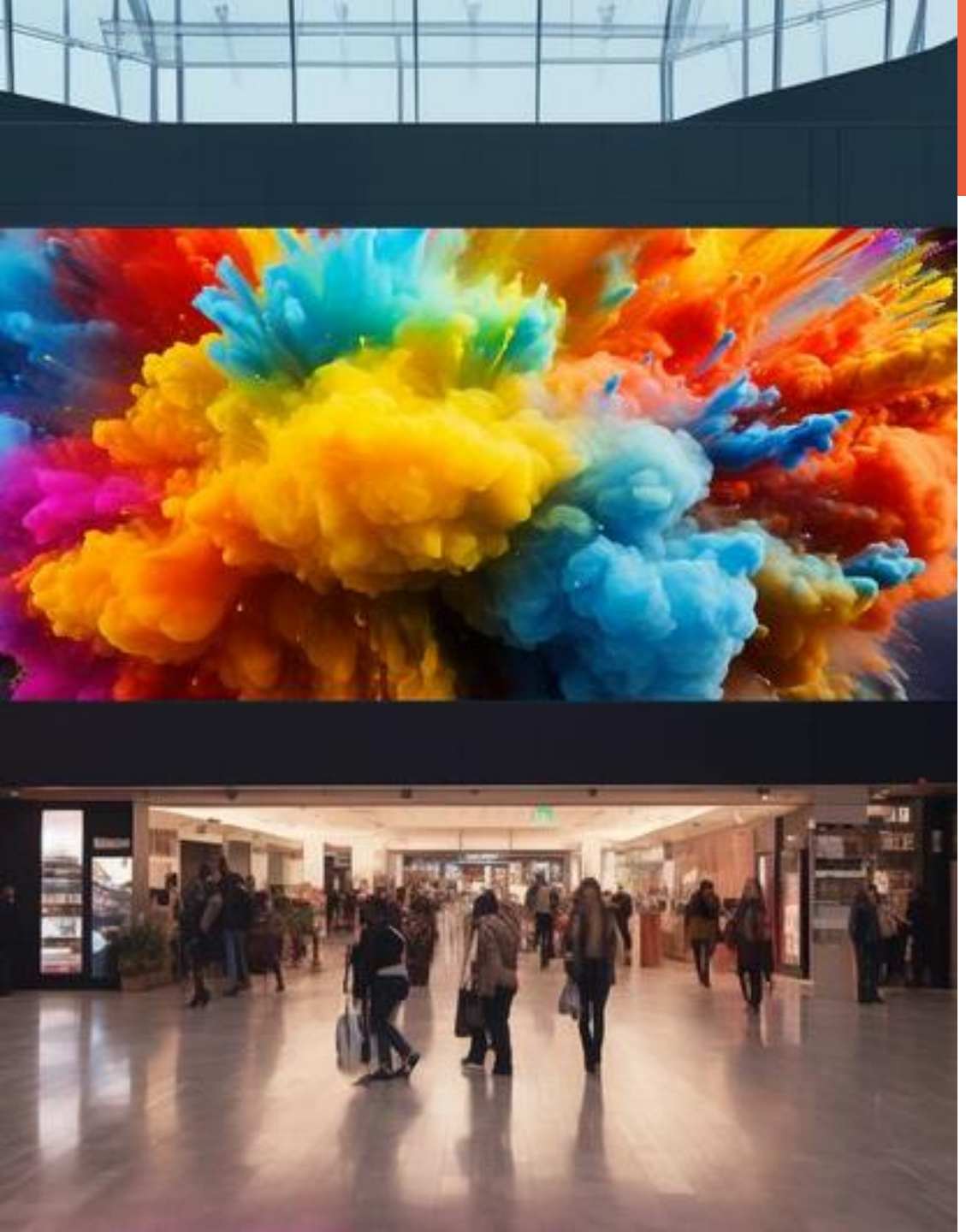
- Dedicated brand/series kits on our website for 16:9 configurations (Full HD, 4K and 8K)
- Bill of materials is similar for 4x4 / 5x5 / 6x6 / 8x8 kits. The datasheet/drawings on the website is different!
- On requests (new) brands and (new) series can/will be added
- No kits for 500x500 cabinets. Used in retail mostly and not used to create a 16:9 video wall.



Key differentiators/features

Important requirements for a dvLED mounting solution

- Ease of installation
- Adjustability in x, y and z direction
- Depth of the solution
- Modular
- Universal



Commercial claim

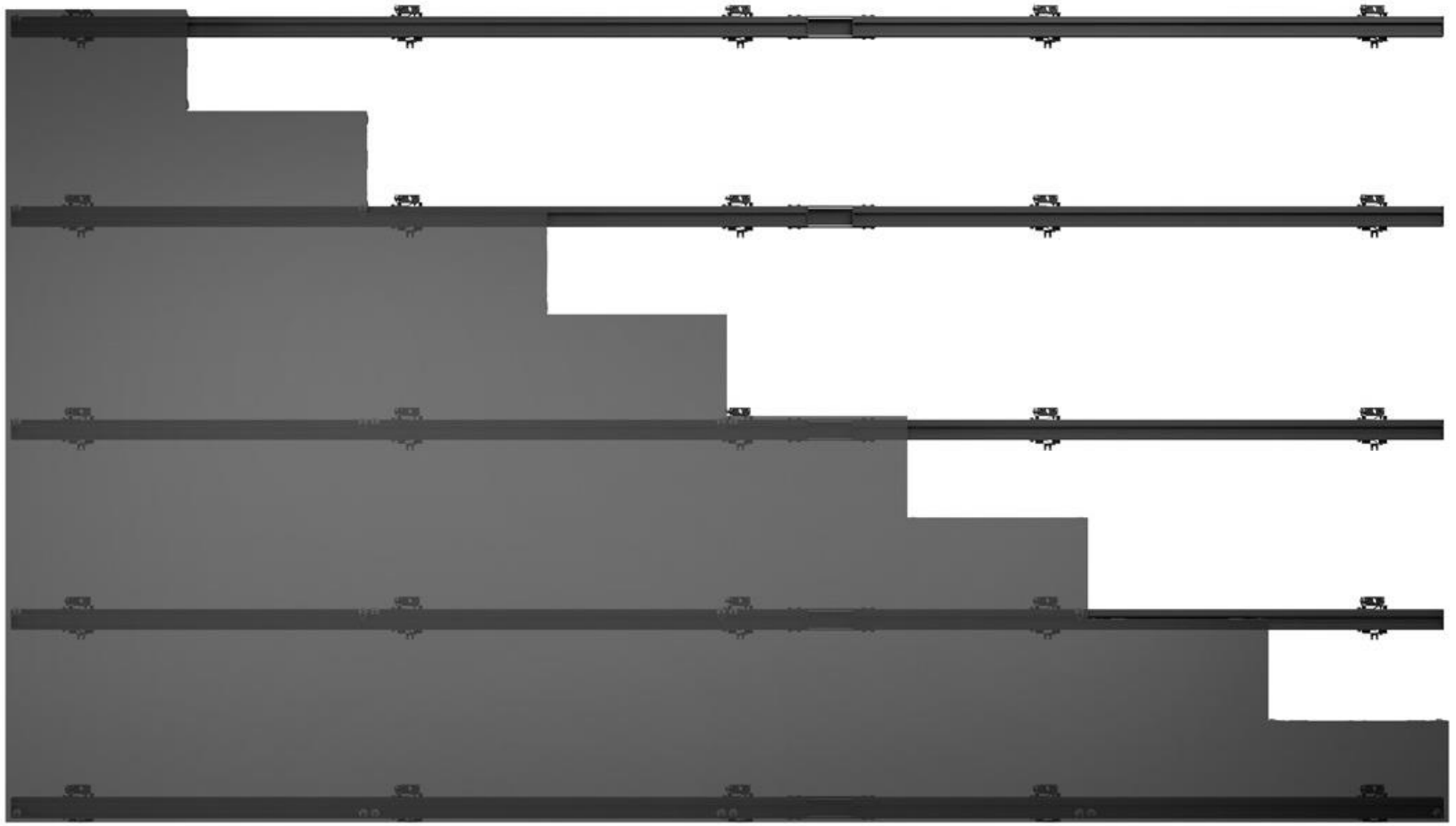
The Vogel's dvLED Connect-it system is an easy to install modular, universal dvLED video wall mounting solution with a slim design and seamless installation thanks to the various fine-tune adjustment possibilities.

Reasons to believe

- Ease of installation
  - Various adjustment possibilities
  - No cutting on site required
- Universal
  - Fits (almost) all brands
  - For floor, wall and ceiling installations
- Slim design. Total depth is only 40,5mm (excluding cabinets)
- Adjustable in x, y and z direction
- TUV 5, UL
- Vogel's video wall engineering service
  - Installation drawings | Free of charge, within 24 hours
  - On site installation support

Product overview

- New dvLED interface bar
- X,y,z adjustable wall bracket
- Coupler and extension part, modular.
- Universal mounting bolts
- Adjustable feet for wall solutions.
- Universal re-usable spacer.



dvLED Interfacebar and mounting bolts: PLB 31xx and PLA 9305

Dedicated dvLED interface bar.

Available in 4 lengths to create any configuration
PLB 3111 – 1,1m
PLB 3120 – 2,0m
PLB 3127 – 2,7m
PLB 3133 – 3,3m

Universal mounting bolts (M6, M8 and M10) for any brand/series. (4pcs in a set)

Locking part included.

dvLED cabinets will be mounted directly into the dvLED interface bar

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X,y,z adjustable wall bracket: PLA 9302

Slim design: Depth included dvLED interfacebar is only 40,5 mm.

Depth adjustment up to 40 mm. Necessary for uneven walls. Ideal for recessed installation!

Fine tune adjustment in y (vertical) direction Up to 10mm!

Adjustable in x (horizontal) over de dvLED interface bar. Suitable to mount on stud walls.

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Coupler and extension part: PLA 9303 and PLA 9304

Extension part is adjustable from 250mm up to 450mm.

Modular, every required length can be created

PLA 9303

PLA 9304

Cutting on site is not required

Coupler can also be extended up to 200mm to create any required width

Universal spacer: PLA 9306

Spacer to determine the height between two dvLED interface bars.

Universal: Can be used for all dvLED brands and series up to panels of 1m.

PLA 9306

Re-usable for every installation.

Set the spacer by using a measuring tape.

Adjustable feet for wall solution: PLA 9307

Brackets will never be visible below the video wall

Adjustable up to 40mm (same as PLA 9302 wall bracket)

Used only for the bottom mounting holes of the bottom row in a wall solution

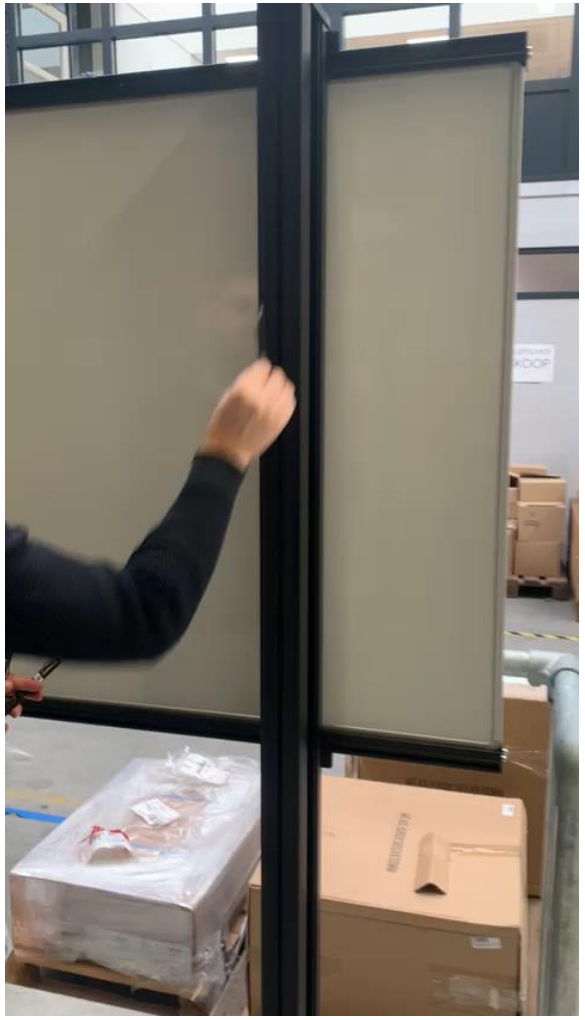
PLA 9307

Cost effective solution for the bottom row of cabinets

Mounting on PUC 29xx: PLA 9301, introduction summer 2024

A nut channel strip that stays on height in the nut channel

Save assembly time in our warehouse and installation time on the job



Brackets that click on the extrusion bar (without using bolts and nuts)

Temporary solution: 999974: PFA 9126 + 2 T-bolts and nuts

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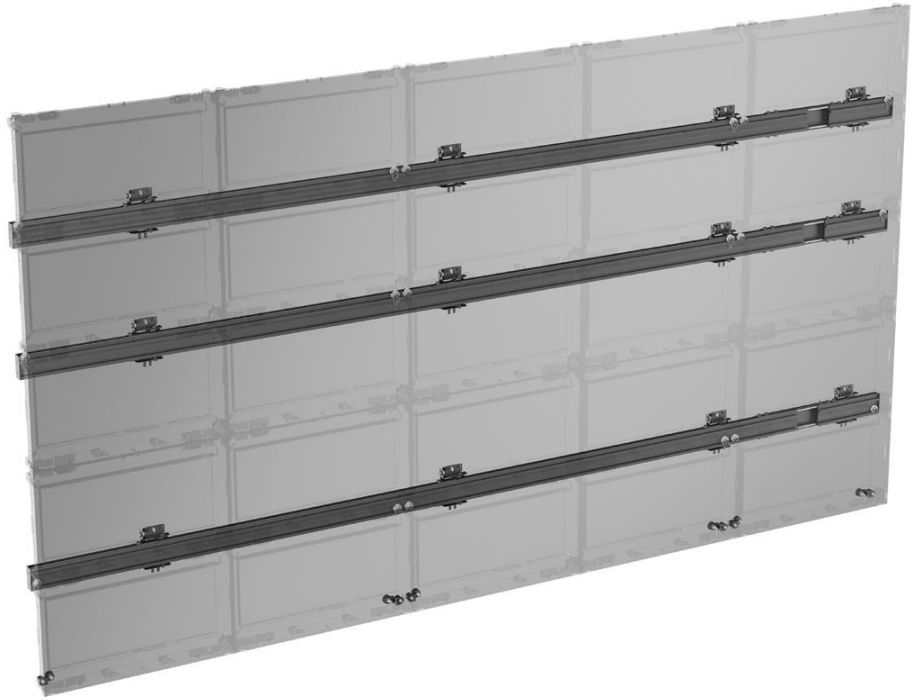
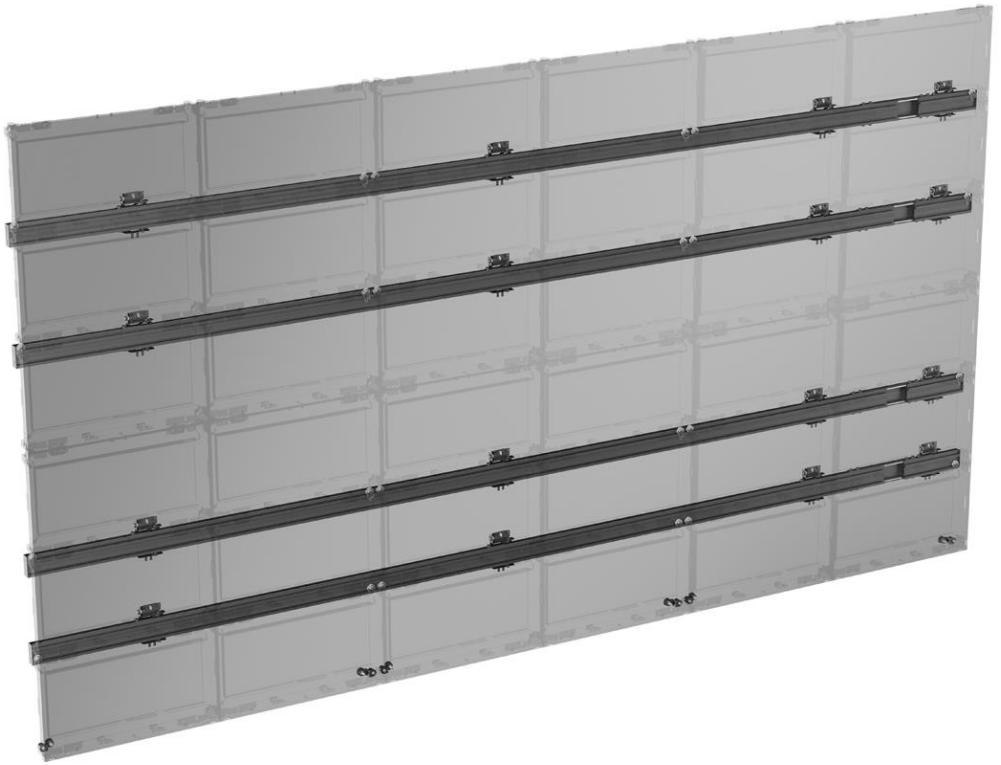
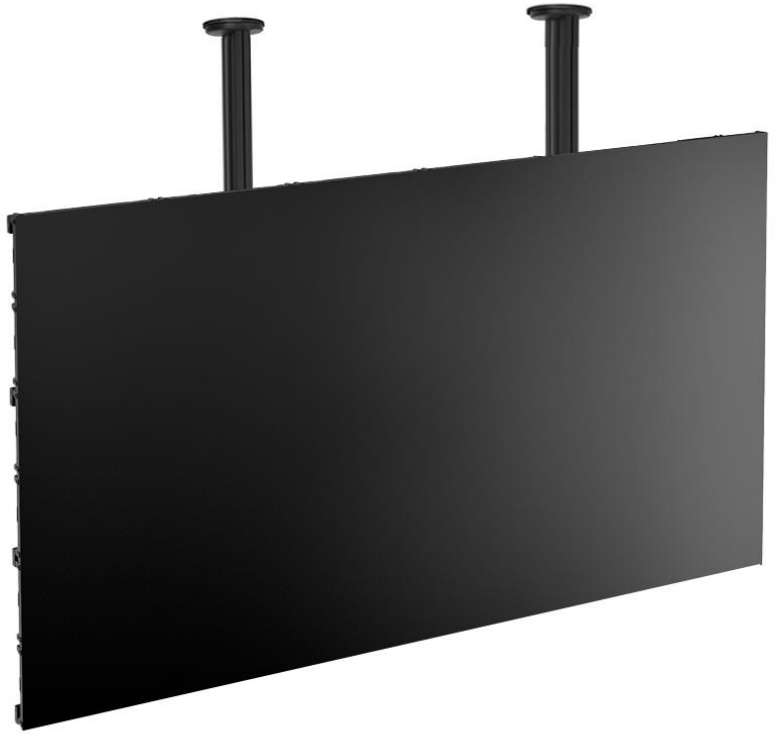
dvLED Connect-it wall mounted





dvLED video wall mounted on PUC 29xx sytem



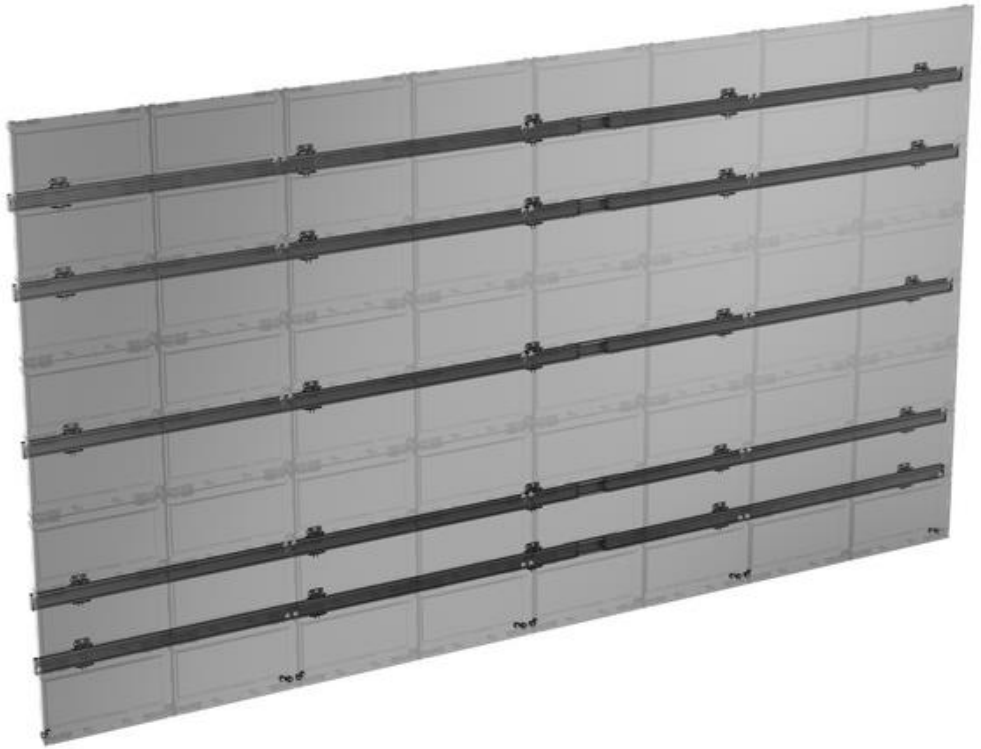
USP's

USP 1

Ease of installation!
No cutting on site

USP 2

Mounting depth:
only 40,5mm
(excluding cabinets)



USP 3

Depth adjustment of 40mm. For uneven walls and recessed installations

USP 4

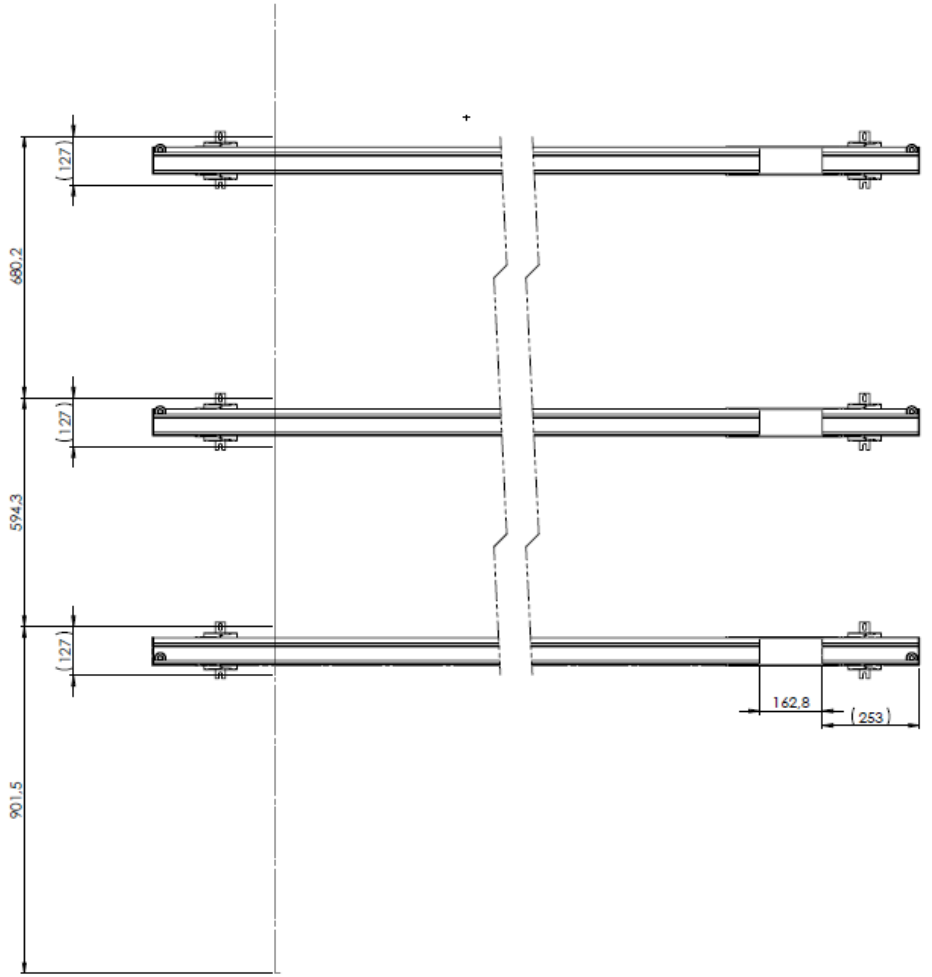
Fine tune height adjustment of 10mm. Perfect to make sure the dvLED interface bar is installed perfectly levelled

Vogel's video wall engineering service

- We supply CAD drawings and installation drawings for each project within 24 hours.
  Usually, these drawings are made by integrators themselves.

- New dvLED Connect-it will be ready from the first of March.

- Everyone has their own log-in and password.
  (Contact R&D if you need support to download/install driveworks)

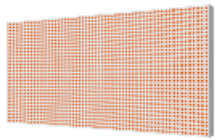


LED Spacer setup
First distance: 594.3mm
Second distance: 680.2mm (1x)

Vogel's video wall engineering service

STEP 1: Choose your display type and enter the display model specs

LCD



LED

Coming soon

BARCO UniSee

Display Brand Philips

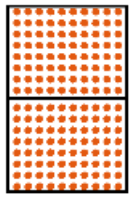
Display Model 6000 serie

Display oriëntation: Landscape

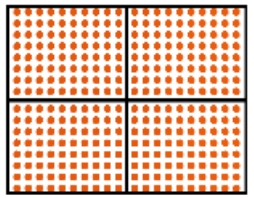
Please tick below to indicate if the display data is correct

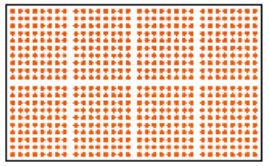
☑ *** I have checked the display data and it is correct ***

○ **Vertical interlock, 1x2**

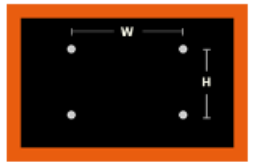


◉ **Square interlock, 2x2**





Mounting pattern :



☑ **Do not send rare spec email**

☑ **PO Override**

Display Width	608 , 0	**mm**
Display Height	342 , 0	**mm**
Display depth	58 , 0	**mm**
Display weight	7 , 5	**kg**

Mounting pattern Width	568 , 0	**mm**
Mounting pattern Height	302 , 0	**mm**

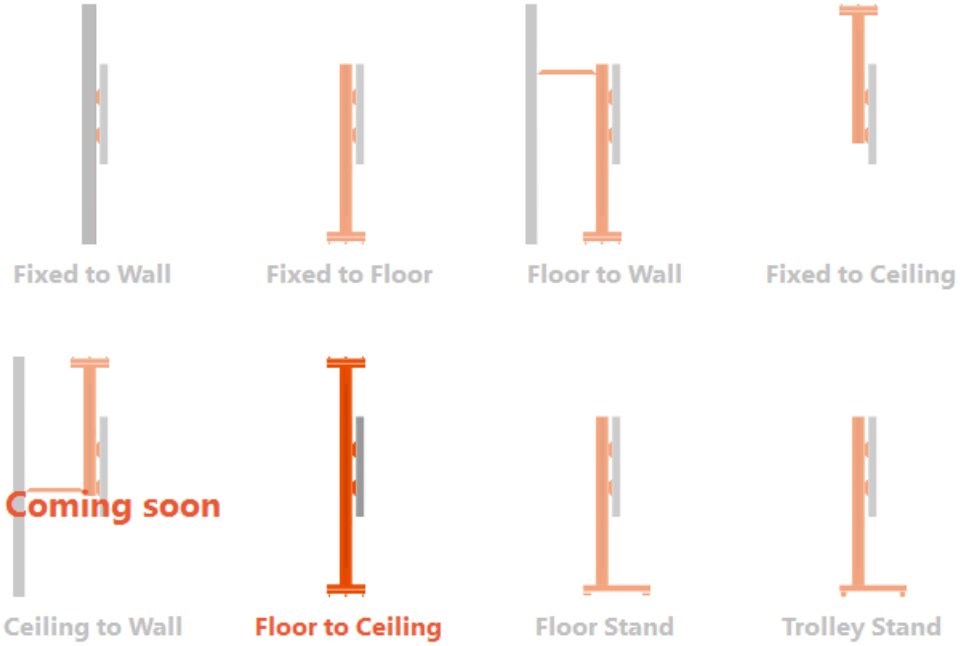
☐ **Recessed mounting location on cabinet ->**

Mounting hole size M8

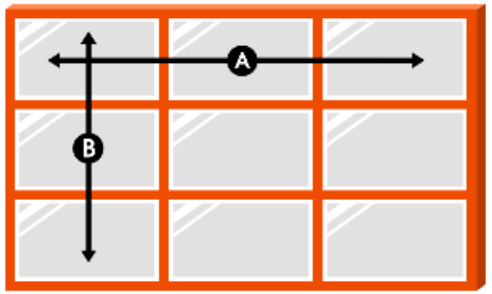
Vogel's video wall engineering service

Previous | Next | Request assistance | Create Video Wall for Pre-RFQ | Cancel specification

STEP 2: Choose your mounting type



Configuration Details

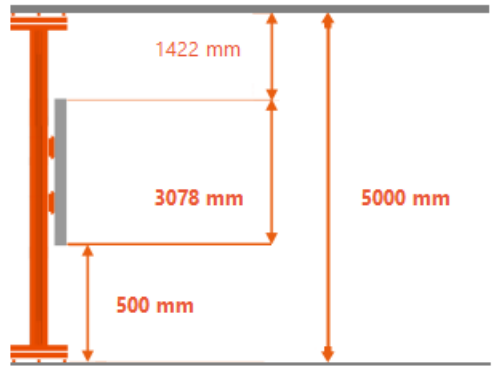


A Number of displays horizontally 8

B Number of displays vertically 9

Trims

☑ Check to add a trim around the Video Wall



Floor to Ceiling height 5000 mm

◉ Use lowest display height as reference

○ Use top of Video Wall as reference

Lowest Display Height 500 mm

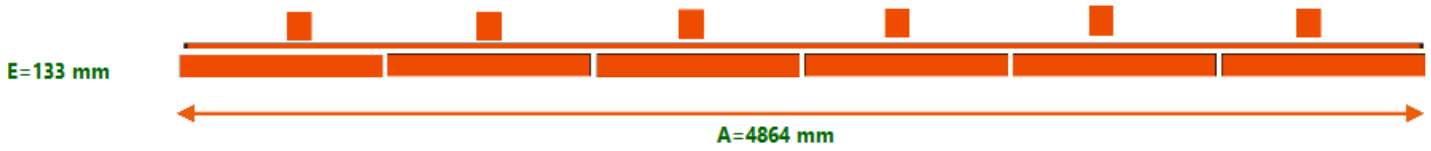
Display height 3078 mm

✓ Remaining distance to ceiling 1422 mm

Vogel's video wall engineering service

STEP 3: Top view - Floor to Ceiling

A Videowall width 4864 mm



Vogel's video wall engineering service

Previous | Next | Request assistance | Create Video Wall for Pre-RFQ | Cancel specification

STEP 4: Components Summary & Calculations

Required Components

Type	Description	Amount	
PFF 7965	Adjustable floor plate	3	
PUC 2920	Construction profile 2000 mm	3	
PUC 2933	Construction profile 3300 mm	3	
PFA 9156	PUC 29xx profile Coupler	3	
PFA 9132	Floor/ceiling support	3	
PLB 3111	LED bar 1100mm	6	
PLB 3133	LED bar 3300mm	6	
PLA 9301	Connection bracket kit for LED profiles	18	
PLA 9303	Profile extender kit	6	
PLA 9304	U-profile LED bar coupler	6	
PLA 9305	Mounting kit LED	12	

Combined weight of displays 507,6 **kg**

Required (cut off) lengths

Length in mm	Cutoff Length in mm	
(3x) 2384	(3x) 384	
(3x) 2916		
(6x) 1100		
(6x) 3300		

Configuration options:

- [x] **PUC 2920 * Will be allowed in configuration if necessary ***
- [x] **PUC 2927 * Will be allowed in configuration if necessary ***
- [x] **PUC 2933 * Will be allowed in configuration if necessary ***

- [ ] **Check to supply a LED spacer**
- [ ] **Select bar mounting option: PLA9301 will be used**
- [ ] **Select cutting option: * Cutting is not allowed, profile extender PLA 9303 will be supplied if necessary***

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