PIXELSPACE - ALUMINIUM DISCRETE ASSEMBLY PAVILION
COMMISSIONED BY 360 MALL WITH AAVS KUWAIT (KUWAIT, 2017)

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The 'PixelSpace Pavilion' is constructed out of a custom-designed, multi-performative component system.Using pattern combinations of different types and sizes of elements, the walls of the pavilion incorporate variations in structural performance, shading and privacy filtering. A computational process was used to generate the component stacking patterns, matching the qualities of the pattern to the requirements for the different areas of the enclosure. This pro- cess incorporates specific site relation-
ships such as blocking certain light angles or framing certain views towards the viewpoints in the direct sur-roundings. The project demonstrates an approach to- wards high-resolution construction materials, that create optimised functional and exciting environments. The use of a customized software application for these types of processes allows the role of the architect to focus on the overall qualities of space while being able to control com- plex material organizations indirectly and economically.