

PROJECT OF THE MONTH | Ludwig-Maximilians-Universität, Munich [DE]

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Photo: Ines Jenewein / Kai Otto Architekten

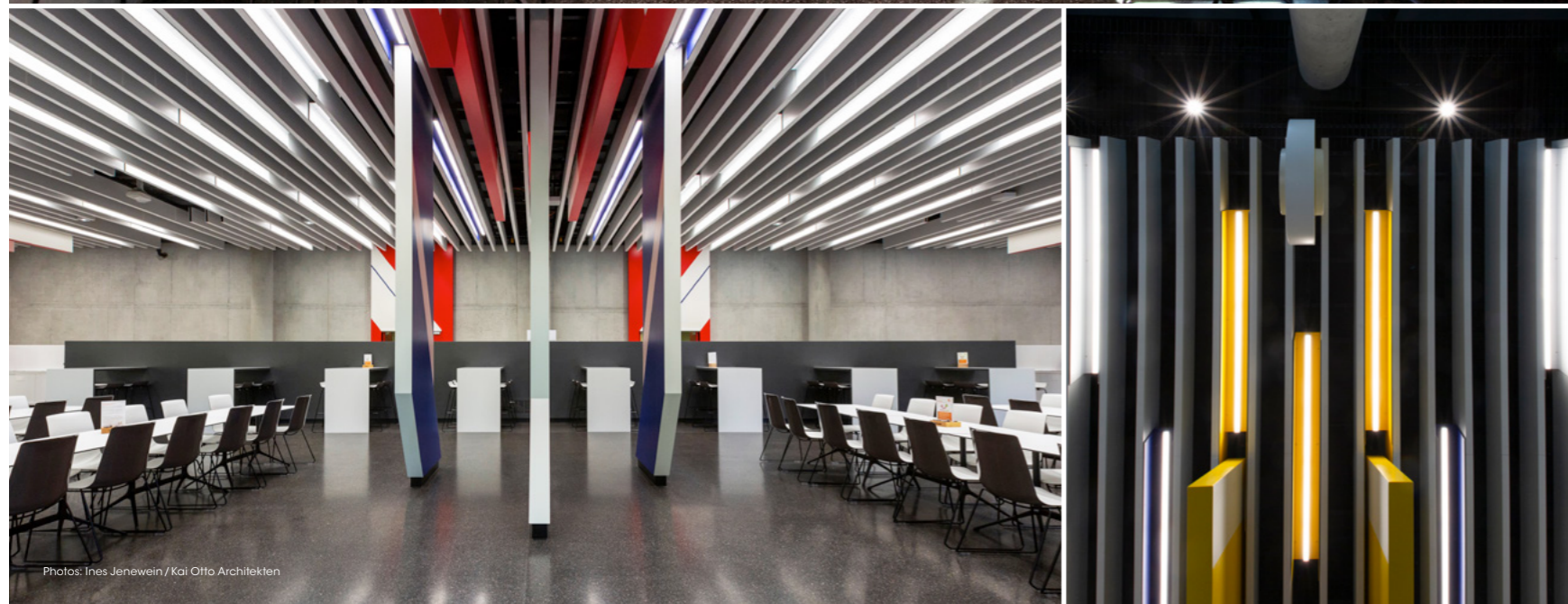


CEILING
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ARCHITECT Girnhuber Wolfrum Architekten

LIGHT PLANNER Ingo Maurer GmbH

COMPLETION Autumn 2022

PRODUCTS

POLYLAM vertical baffle system

0.6mm thickness of galvanised sheet steel; dimension [LxWxH]: 2710 x 63 x 300mm; perforated in RV-L6; powder-coated in RAL 9003; backed with white fleece and mineral wool [1500m²] and dur-SONIC CUBE installed in the ceiling cavity for acoustic support [1200 units].

Luminaire housing

2.5mm thick aluminium; dimension [LxWxH]: 2000x230x190 mm; outer surface powder-coated in RAL 9003, inner surface powder-coated in RAL 9003, 5002, 1021 [250 units].

TANGENTA special version of LED linear lighting

Light distribution: 2x45°; cover: micro prism structure; light colour: 4000K; CRI >90; dimension [LxWxH]: 1975x49x30mm [250 units].

STARLAM linear open-cell ceiling indoors and outdoors

Material: aluminium; baffle width: 9mm, baffle height: 40mm, for mats: 1200x620mm and 1290x620mm; colour: black [1000m²]

PUNTEO-J60 as LED downlights and wallwashers

LED recessed downlight; light colour: 4000K; CRI >90; diameter: 40mm; installation height: 80mm [169 units].

With its 18 faculties, the Ludwig-Maximilians-Universität [LMU] in Munich is a leading international university and teaches its more than 50,000 students in multiple disciplines. The main refectory, the Hauptmensa, on Leopoldstrasse in Schwabing, underwent an elaborate renovation process.

The POLYLAM vertical baffle system blends in a futuristic manner into the minimalist design of interior spaces. The individual baffles are perforated and backed with fleece and mineral wool, counteracting the acoustically hard surfaces of floors and walls. In addition, dur-SONIC CUBE broadband absorbers are installed in the ceiling cavity. This substantially improves the acoustics in the 1500-seater refectory. Luminaire housings with integrated TANGENTA linear lighting are located above the baffles. These recessed luminaires are rated for 4000K. The powder-coated housings in three different colours create an exciting interplay of colours that creates a unity with the existing art objects.

Another part of the refectory is accentuated by the STARLAM linear open-cell ceiling. Integrated PUNTEO-J60, designed as downlights and wallwashers, round off the ceiling-lighting combination.