ARQEN

LED PANELS / ROTATIONS AND ALIGNMENT AS PER DESIGN



Concentric arches and indirect light over a smooth tympanum.

Setting

GEOMETRY AND FORMAT

The piece



01 Front view



02 Three-quarter view

GYP-LED-066-A-01

Material	Fibre-reinforced plaster
Type	3D wall panel
Finish	Matt white · Fine mineral texture
Reference	GYP-LED-066-A-01
Format	500 × 500 mm
Total thickness	9.5–30 mm
Maximum relief	20.5 mm
Reference weight	5.39 kg
Coverage per panel	0.25 m^2
Use	Interior cladding in dry areas
Finish as supplied	Matt white, ready to prime and paint
Panels per m^2	4 panels/m^2
Repeat	One module · Rotations and alignment as per design

DESIGN AND CONTINUITY

Relief in the space



Cladding detail

The motif

ARQEN draws an arch with a 200 mm radius on the lower edge. The archivolts, at a 17.7 mm pitch, fade towards the top, while the smooth tympanum receives the light beneath the plaster edge. Plaster panel designed for indirect LED light. Designed to house a 24 V silicone LED profile. The set is planned with a profile and power supply, with components to be confirmed. Calculated reference weight: 5.39 kg.

01 Laying

Keep the same orientation in each row; a 180° rotation inverts the composition. The 20.5 mm step between rows is part of the arcades and must be kept. Fill only the installation joints, respecting the arches and housings. Plan the curved lighting route in the project. Furniture and light fittings need support independent of the panel.

02 Joints

Joints between panels filled; keep the relief and the lighting housings.

03 Reaction to fire

In preparation: formulation intended for class A1. Collection technical data sheet and installation guide available to download from the design's web page.