

# Algoritmo System for Projectors - 37 Cube - 3x8W 18° 3000K



IP20

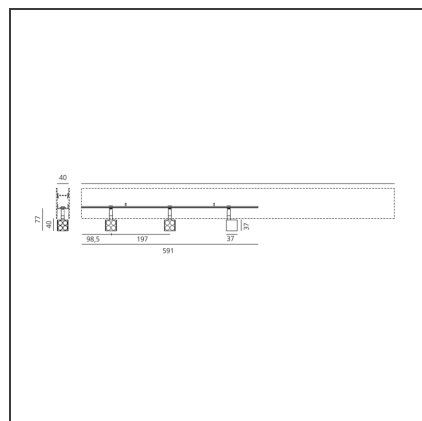
## DESIGN BY

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## DESCRIPTION

PAD is a projectors using high-efficiency led with monochromatic warm white (3000K) and neutral white (4000K) emission. Comprised of an aluminium body with bright anodized finish and a translucent cover in polycarbonate. Pad is available in four mounting options: with three-phase track adapter, with base plate or recessed plate for ceiling mounting, and in combination with the Algoritmo product line. The array of 12 leds (13W in total) lays on a metal core placed on the aluminium body of the projector that acts as heat dissipator. The special power supply system is housed within the body, thus allowing a direct connection to the electrical network (100-240V). The cover acts as a support for the lenses available in 3 beam options. It provides a diffused lighting effect while ensuring protection for the electrical parts. A smart hinge that combines reduced dimensions with a very large angular excursion provides extreme flexibility of rotation: rotation of up to 358°, tilt angle of up to +90°/-90°. Complies with EN60598-1 and other specific standards. An extension of the PAD family, PAD SQUARE houses an array of 24 LEDs (26W in total) placed on the aluminium body that acts as heat dissipator. The special, patented electrical system houses the power supply within the shell, and allows a direct connection to the electrical network. A translucent cover in polycarbonate closes off the body. It acts as a support for the various lenses, ensures protection for the electrical parts and provides a diffused lighting effect. Rotation of up to 358°, tilt angle of up to 180°. 4 installation options: with adaptor for 3-circuit track, with gear plate for mounting within Algoritmo product range, wall/ceiling mounted version, or base plate for semi-recessed mounting. Complies with EN60598-1 and other specific standards. 37 Cube is a Led spotlight with extremely small dimensions (37x37x37mm) featuring a perfect balance between size and luminous flux: the device is visually out of the way, whilst all the attention is aimed at the lighting effects in the room. The body in extruded aluminium is completed by a translucent shell that receives the interchangeable lenses (2x7° / 2x9° / 2x14°) and provides a diffused lighting effect. The minimalistic volumes breathe light into a new quality, from both the architectural and technical lighting standpoint as well as in terms of sustainability and savings. Adjustable by 358° along the vertical axis and by 90° along the horizontal axis, they provide accurate and effective accent lighting with only 7 Watts of used power. The extremely compact size of 37 Cube allows it to be installed together with the Algoritmo product line, as it can be completely housed inside the modules. Materials: body in extruded aluminium, screen / lens holder in satin-finish polycarbonate. Complies with EN62471, EN60598 and other specific standards.

## TECHNICAL DRAWINGS



## FEATURES

<b>Article Code:</b>	M029200	<b>Material:</b>	Aluminium and polycarbonate
<b>Colour:</b>	Bright polished aluminium	<b>Series:</b>	Indoor
<b>Installation:</b>	Projector, Recessed, Ceiling	<b>Area contract:</b>	Hospitality, null, null, Retail, Culture, Residential
		<b>Emission:</b>	Accent lighting

## DIMENSIONS

<b>Width:</b>	cm 4	<b>Glow Wire Test:</b>	650
<b>Height:</b>	cm 7.7		
<b>Weight:</b>	kg 0.5		
<b>Inclination:</b>	cm 90		
<b>Rotation:</b>	cm 360		

## INCLUDED SOURCES

<b>Category:</b>	LED	<b>Color Rendering:</b>	>80
<b>Number:</b>	3	<b>Color temperature (K):</b>	3000K
<b>Watt:</b>	7W	<b>Color Tolerance:</b>	MacAdam 4SDCM
<b>Delivered lumens output (lm):</b>	528lm	<b>CRI:</b>	=80 (typ.)
<b>Type:</b>	0	<b>Efficacy:</b>	75lm/W
<b>Class:</b>	A	<b>Service Life:</b>	L70(6K) > 50000h

## LUMINAIRE

<b>Transformer availability:</b>	Included in the Algoritmo pre-wired gearplate to be ordered separately	<b>Delivered lumens output (lm):</b>	463lm
		<b>CCT:</b>	3000K
		<b>Efficiency:</b>	100%
		<b>Efficacy:</b>	57.87lm/W
<b>Watt:</b>	8.6W	<b>CRI:</b>	80
<b>Voltage:</b>	230-240V		

ACCESSORIES



Algoritmo System intermediate finishing connector (set of 2 pcs). To be used at the junction of modules with accent lighting and fluorescent or LED modules. Metal-grey paint finish. M217660



Algoritmo System blind panel 591mm long. To be placed for the empty positions (i.e. where no accent lighting unit is used). Metal-grey. M217560