

PROJECTOR LED 5000 T PRODUCT DESCRIPTION

- 5000 Lumen minimal output
- compact design
- high energy efficiency
- high-resolution 90mm masks
- DMX dimmable

High-resolution and high-performance f2 lenses provide excellent light distribution with 5000 lumen output at the projection surface.

The projector meets the target for an overall compact design: Fixed focal length and an optimal diameter of mask for the optical assembly, external mounting of the power supply for a compact housing.

In the projection field standard LED technology is little efficient. Thanks to programmable adjustment of the light distribution and optimised optics, opticalight LED light-projectors lead the field with 50% luminous flux efficacy.

Excellent light distribution on 90 mm masks:
the 3500 dpi laser manufacturing reduces grid effect even at facade filling scale.



TECHNICAL SPECIFICATIONS

Projector	5000 lumen, DMX, 110W max, CE, IP65, Class III, 20 C° to +35C°
Light source	7 x CREE CXB 1512 18V 44'000h (L90/B10) T _A 25°C Electronic temperature management 3'000 K°, CRI 90 2'200 K° - 6'500 K° on demand
Housing	Al, standard colour DB703 custom colour on preorder
Optical lenses	20° / 30° / 45° / 55° / 65° 3D focus and keystone correction
Adjustability	tilt +/- 60° pan 360°
Measures	30°-65° optic: 360 / 240 / 175 20° optic: 434 / 240 / 175 mm
Load	straight/angular: 8kg / 0.089m ² external: 5kg / 0.065m ² + 3kg
Masks	Ø 90mm Al - Borosilicate life time > 10 years
Power supply	Meanwell HLG-240-H-24A IP67, Class I, 24VAC

MOUNTING

LED 5000 projectors can be mounted in every position. The optical assembly unit and LED module must remain accessible at all times.

MAINTENANCE

Opticalight installations are designed to be maintained by the operating company. Readjustment is not necessary if the projector is correctly mounted and operated. Annual external cleaning is recommended. Excluding incidents the masks are maintenance-free. The power unit is external, in either an extra housing or integrated into the pole. The LED module can be replaced like a conventional light source and can be ordered in exchange for a defective module.

PHOTOMETRIC DATA

Maximal range of illumination is determined through lens selection (20°/30°/45°/55°/65°). Regular light distribution is achieved at full output. This distribution can be simulated with photometric data.

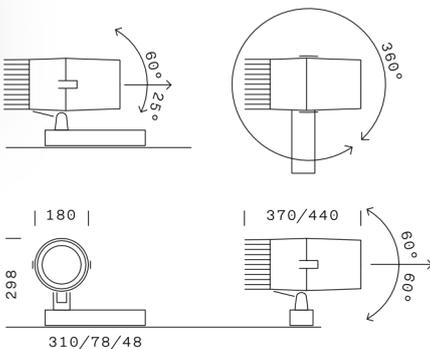
INDUSTRY STANDARD COB

The LED 5000 may be equipped with any standard 9mm LES COB. The Cree CXB 1512 used is available from 2200K° up to 6500K° at a CRI of 80 - 98. The extremely high density of up to 72 lm / mm² is key to the high, optical efficiency.

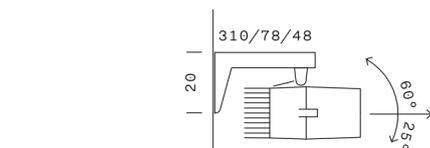
3D FOCUS

opticalight lighting masks are delivered precisely fixed on a carrier. 3 preset spacers correct the keystone effect, thus an exchange of seasonal masks is easily achieved at any time without readjustment.

straight 8kg



angular 8kg



external 3kg + 5kg

