

PROJECTOR LED 2500 T PRODUCT DESCRIPTION

- 2500 Lumen minimal output
- compact design
- high energy efficiency
- high-efficient 36mm optical system
- DALI dimmable

High-resolution and high-performance f2 lenses provide excellent light distribution with 2500 lumen output at the projection surface.

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

In the projection field LED technology is less efficient than discharge lamps and yet opticalight LED light projectors compare well to HIT run systems by any means. opticalight LED light-projectors lead the field with 50% luminous flux efficacy.

Excellent light distribution on 36 mm masks:
1.6 Megapixel / 1000 dpi laser manufacturing reduces grid effect even at facade filling scale.

LED 2500 T may be controlled and dimmed by a DALI driver. Up to 5 projectors may be driven by one driver.

TECHNICAL SPECIFICATIONS

Optical lenses	15° / 20° / 30° / 45° / 60° / 90°
Measures	30° - 90° ø 100mm / l 233mm 15° und 20° ø 100mm / l 300mm
Standard mounting	360mm / 240mm / 175mm / 3kg
Power unit	250mm / 70mm / 40mm / 2kg
Light source	1 x 35W 50W LED COB ZHAGA passive temperature control 44'000h, L90, 1.4A ,85 C° 3'000 K° , CRI 90° 2'200 K° - 6'500 K° on preorder
Housing	Al, CrN, powder-coated / DB 703 custom colour on preorder
Adjustability	tilt +/- 60° pan 360°
Power unit	Meanwell IP67, Class I, DALI 100V - 277V / 50Hz/60Hz
Projector	IP 65, ClassIII /- 20 C° to +45C° CE, IK8
Masks	ø 36 mm Al - Borosilicate > 10 years

MOUNTING

LED 2500 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, integrated either in the luminaire mount or 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 15° / 20° / 30° / 45° / 60° / 90°. Regular light distribution is achieved at full output. This distribution can be simulated with photometric data.

ZHAGA STANDARD COB

The LED 2500 T may be equipped with any ZHAGA standardized 9mm COB. The Cree CXB 1520 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.

