



tarm[®]

professional luminaires

tarm BLAZE

The **tarm BLAZE** is a white laser luminaire with exceptional brightness and densely saturated colors due to extremely efficient optics for optimized light output. Due to decades of laser optics research, the **BLAZE** has culminated with minimized optical loss, leading to an incredible 220'000 lx @ 20 m, 0.7° and making the 100W laser light source significantly exceed the brightness of similar powered systems. Newly developed adjustment features allow for the unit to control the deflection angle between 0.7° and 5°, which resembles in an almost parallel beam with extremely low divergence and, thus, great power visibility over long distances.

The newly developed, advanced lens system shapes the beam to have amazingly sharp edges while maintaining a homogeneous, pleasant illuminance distribution in the spot.

The **tarm BLAZE** is equipped with CMY color mixing and a color wheel which includes 19 colors+white, 19 static and 6 rotating gobos, bi-directional frost filter, one 16 facet radial prism and one 6 facet linear prism with bi-directional rotating speed, which are stackable with bi-directional rotating, to unleash your creativity.

Versatile Control

Modern lighting control requires lighting fixtures to be versatile and to support a variety of connectivity and control options. The **tarm BLAZE** can be controlled using all major standard communication protocols and connectors such as DMX512, Art-Net, RDM as well as sACN and W-DMX.

Designed for Outdoor Use

Indoor or outdoor use is your choice with the **BLAZE**, as it's been designed and manufactured as an IP66 waterproof fixture for extreme outdoor conditions reaching temperature ranges of -20°C and up to +45°C. The fixture design is extremely durable and made for demanding worldwide tours.

The **tarm BLAZE** has been specifically designed to be a versatile moving light for a wide variety of applications, such as concerts, festivals, stage and TV productions, but also fixed installations in theme parks and multimedia show productions. These are just some of the applications why the **tarm BLAZE** is perfectly suitable for your projects.



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Constructive Parameters

Cooling	Forced Convection
Temperature range	-20°C up to +45°C
IP rating	IP66
Power supply	AC 100-240V 50/60Hz
Power consumption	240 W
Connectivity	5-pin DMX in and through RJ45 in and through, USB-C
Material	Magnalium and die-cast
Color	Black
Dimensions	381 x 280 x 665 mm
Weight	24 kg
Rigging	Two omega brackets included
Transportation	Delivered in High Density Foam Shell

Control Modes

DMX512, Art-Net, RDM, sACN, W-DMX

More details:



https://www.tarm.com/tarm_blaze

Optical System

Light source	100 W White Laser Engine
Lens diameter	180 mm
Angle	0.7° - 5°
Illuminance	220'000 lx @ 20 m, 0.7°
Luminous flux	≥3000 lm
CRI	>65
Color temperature	6500K
Rated Life (LP70)	12,000 hrs

Feature Set

Pan/Tilt	540° / 270° (8-16 bit)
Dimmer	0 - 100%, 24bit
Static Gobo	19 gobos + open
Rotating Gobo	6 rotating effects gobos, gobo shake
Colors	Color wheel 19 colors, incl. CTO, + white, rainbow flow effect
Color mixture	CMY-mixture
Prism	16 facet radial prism 6 facet linear prism, bi-directional rotation, adjustable speed, stackable
Frost	Frost filter, bi-directional rotation