

# HELIOS

## LED PROJECTORS



**HELIOS** is a new LED projector designed for fixed installations on walls or trusses (fitted with a fixing bracket).

HELIOS is made on aluminium and stainless steel, offering an IP65 protection rating, and can be used either indoor or outdoor.

HELIOS employs 3W Full Colour or 1W Luxeon LEDs coupled with dedicated lenses that give a very high light efficiency, projecting an intense beam while reducing power consumption.

Three optical units that can be easily interchanged by users are available, offering different light beam projection angles (Spot, Medium flood, Wide flood).

Set-up and connection of the unit to the dedicated Z1, Z1 OUTDOOR and Z4 power supply / LED controllers is fast and easy, thanks to an RJ12 connection system, or an M12 connector.

HELIOS can be controlled via any DMX lighting console.

HELIOS is available in 3 models: HELIOS FULL COLOUR, HELIOS RGB and HELIOS WHITE.

**HELIOS FULL COLOUR** is equipped with 15 x 3W Full Colour LEDs.

Luminosity is 990 Lux at 2 m (spot lenses).

HELIOS FULL COLOUR can generate up to 16 million colours; the 15 Full Colour LEDs all generate the same colour at the same time, so that the illuminated object is not only uniformly lit, but also projects no false shadows.

Colour temperature can be varied over a linear range from 3200°K to 5500°K.

**HELIOS RGB** is equipped with 36 x 1W Luxeon LEDs (12 x Red, 12 x Green, 12 x Blue).

Luminosity is 6750 Lux at 2 m (spot lenses).

HELIOS RGB can generate up to 16 million colours; the LEDs distribution pattern guarantees high mixing quality for RGB colours and a uniform projection on surfaces, no matter what colour is used.

Colour temperature can be varied over a linear range from 3200°K to 5500°K.

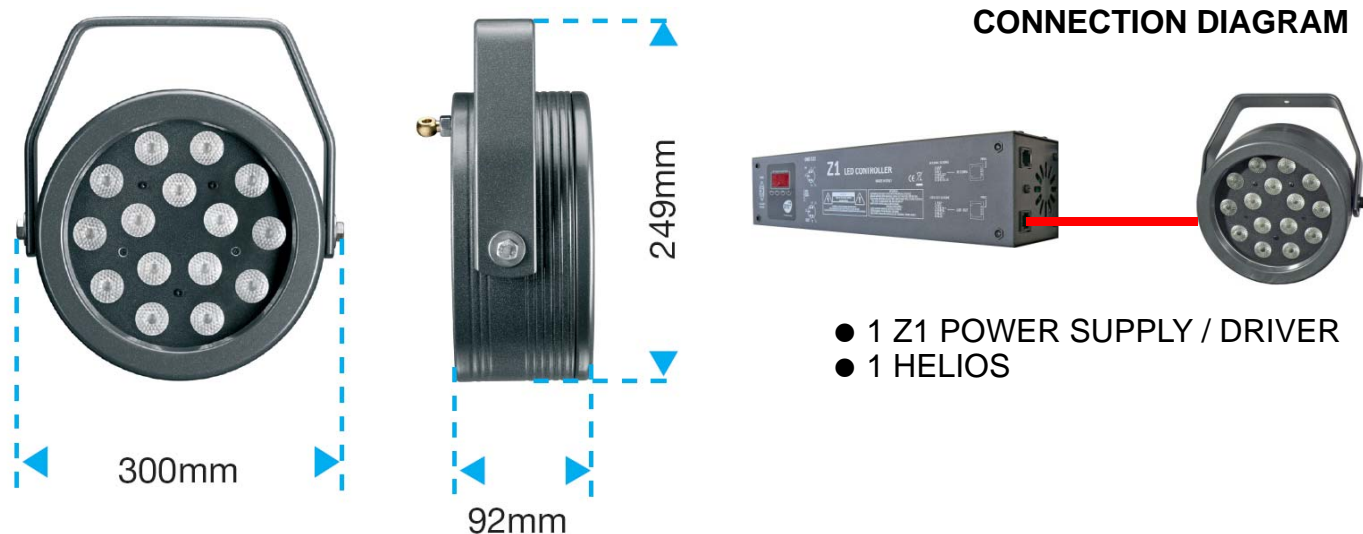
**HELIOS WHITE** is equipped with 36 x 1W P4 LEDs (24 x White, 12 x Amber). Luminosity is 9200 Lux at 2 m (spot lenses).

Colour temperature can be varied over a linear range from 3200°K to 5500°K.



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## Technical Specifications

### LED technology

**HELIOS FULL COLOUR:** 15 x Full Colour LEDs;  
990 Lux / 2 m (spot lenses)

**HELIOS RGB:** 36 x 1W Luxeon LEDs (12 x Red, 12 x Green, 12 x Blue)  
6750 Lux / 2 m (spot lenses)

**HELIOS WHITE:** 36 x 1W P4 LEDs (24 x White, 12 x Amber)  
9200 Lux / 2 m (spot lenses)

Variable white colour temperature: 3.200°K÷5.500°K

No infrared emission; no ultraviolet emission

LEDs average lifespan: 100.000 hours

### Optical units

3 lenses sets available (Spot, Medium flood, Wide flood)

### Control

Via any DMX lighting console

### Protection

IP65 protection level against the penetration of solids and liquids

### Construction

HELIOS is made on aluminium and stainless steel

### Power supply

Dedicated Z1, Z1 OUTDOOR (IP65) and Z4 power supply / LED controllers

### Connection

RJ12 connection system (Z1 / Z4); M12 IP68 connector (Z1 OUTDOOR)



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