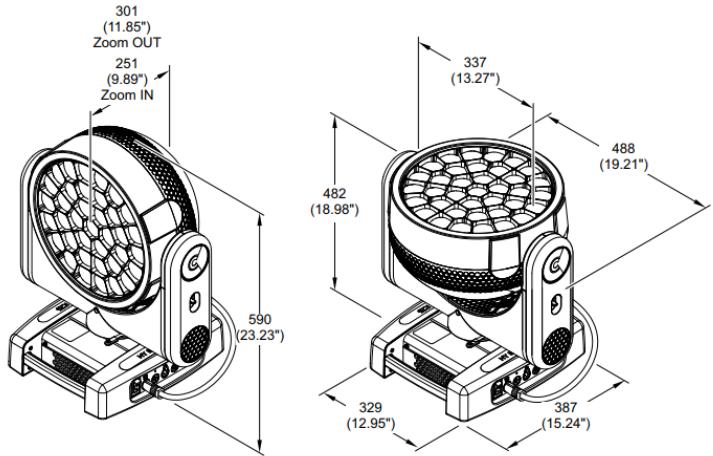


MODEL: HY B-EYE K25 / TEATRO

CODE: C61470 / CL3015

March 17, 2025



LIGHT SOURCE:

Source type: • RGBW LEDs

Power: • 40W (x37)

Color temperature: • 6000 K

LED life expectancy: • 50.000 Hrs L70*

* It may vary depending on various factors, such as the type of use and environment

PHOTOMETRIC DATA:

Zoom range: • 4 – 60°

Lm output: • 16.100 Lm (integrating sphere)

Optical sys.: • Patented 37 lens system

NOISE LEVEL:

Fixture: HY B-Eye K25

Fixed presets: • Auto mode standard: 46.5 dB
• Auto mode quiet: 47.0 dB
• Stationary: 33.5 dB

Fixture: HY B-Eye K25 - Teatro

Fixed presets: • Auto mode super silent: 35.0 dB
• Auto mode silent: 36.0 dB
• Auto mode standard: 39.0 dB

CONTROL & CONNECTIONS:

Personalities:

- Basic engine: 21 / 22 / 35 / 36
- Pixel engine: 111 / 148

Protocols:

- DMX, Art-Net, sACN, RDM

Connectors:

- Locking 3 / 5 pin XLR IN/OUT
- RJ45 IN

Power con.:

- PowerCon True1 IN/OUT

Web server:

- Built-in

CloudIO:

- Fully compatible
- On-field calibration for color consistency

DYNAMIC EFFECTS:

Colors:

- Built-in macros with enhanced pixel control
- Preset colors
- Dedicated channel for color temperature setting
- White CT Emulation 2500-8000K
- RGBW auto-tuning to lamp CT Emulation
- Tungsten Lamp Emulation

Rotating effect:

- Bi-directional rotating front lenses

Movement:	<ul style="list-style-type: none"> Tilt: 210° Pan: 540° Automatic repositioning Mechanical Pan/Tilt lock for safe transportation and maintenance
Beam:	<ul style="list-style-type: none"> Motorized zoom
Dimmer / Shutter:	<ul style="list-style-type: none"> High resolution electronic dimmer - 24 bit, 4 curves High speed electronic shutter and strobe: <ul style="list-style-type: none"> Slow strobe: 1 flash/sec Fast strobe: 25 flash/sec

HARDWARE & SOFTWARE:

- Long life self-charging battery
- Display graphic LCD backlit B/W display
- Firmware upload from another fixture
- Firmware upgrade via Web Server
- Diagnostic
- DMX monitoring
- Remote access through RDM

HOUSING:

- Aluminium and steel structure with plastic covers
- Two side handles for transportation
- IP20 protection rate
- Working in any position
- Hanging system: with fast-lock Omega clamps (1/4) turn on the base
- Optional safety chain

ELECTRICAL:

Operating voltage:	• 100-240V, 50/60 Hz
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Power Supply:	• Electronic auto range with active PFC
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MAX power consumption:	• 1250 VA @230 Vac – 50 Hz
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THERMAL SPECIFICATION:

MAX Ambient temperature:	• 40°C (104°F)
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MAX temp. of the ext. surface:	• 90°C (194°F)
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Total heat dissipation:	• 5329 BTU/hr ±10% / 5616 kJ/hr ±10%
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SAFETY SPECIFICATIONS:

Min. dist. of illum. objs:	<ul style="list-style-type: none"> 0.2 m (8")
Min. dist. from flamm. mat.:	<ul style="list-style-type: none"> 0.2 m (8")
Protections:	<ul style="list-style-type: none"> Thermally protected power supply (overheating and cooling failure) Forced ventilation with axial fans

COMPLIANCE:

CE Marking (in conformity to the following):

- 2014/35/EU – Safety of electrical equipment supplied at low voltage (LVD)
- 2014/30/EU – Electromagnetic compatibility (EMC)
- 2011/65/EU - Restriction of the use of certain hazardous substances (RoHS)
- 2009/125/EC - EcoDesign requirements for Energy-related Products (ErP)

UKCA conforms to UK regulations:

- S.I. 2016 N.1101
- S.I. 2016 N. 1091
- S.I. 2012 N.3032
- S.I. 2010 N.2617

cETLus LISTED:

- UL 1573:2003
- CSA C22.2 N.166:2015

PACKAGING:

- Carton box + Polystyrene
- Carton box + Foam shell
- Flight case + Foam shell (2 positions)

WEIGHT & SIZES:

Weight:	• 27.5 Kg (60.6 lbs)
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Base dim.s:	<ul style="list-style-type: none"> 329 x 387 mm 12.95 x 15.24 in
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Height with horiz. head (h):	<ul style="list-style-type: none"> 590 mm 23.23 in
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Dist. b/t 2 fixt:	• 600 mm
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ACCESSORIES:

Omega bracket:	<ul style="list-style-type: none"> 2x183102-805 (Included)
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ETL Power:	<ul style="list-style-type: none"> CAB03D-802 (Included)* * Cord 1.5 m (bare end with IP65 PowerConTrue1 conn.)
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Flight case (4 pos):	<ul style="list-style-type: none"> CF1001F (Optional)
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Foam shell:	<ul style="list-style-type: none"> F21313-001 (Optional)
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Safety Chain:	<ul style="list-style-type: none"> 105041-003 (Optional)
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Clamp:	C21070 (Optional)
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