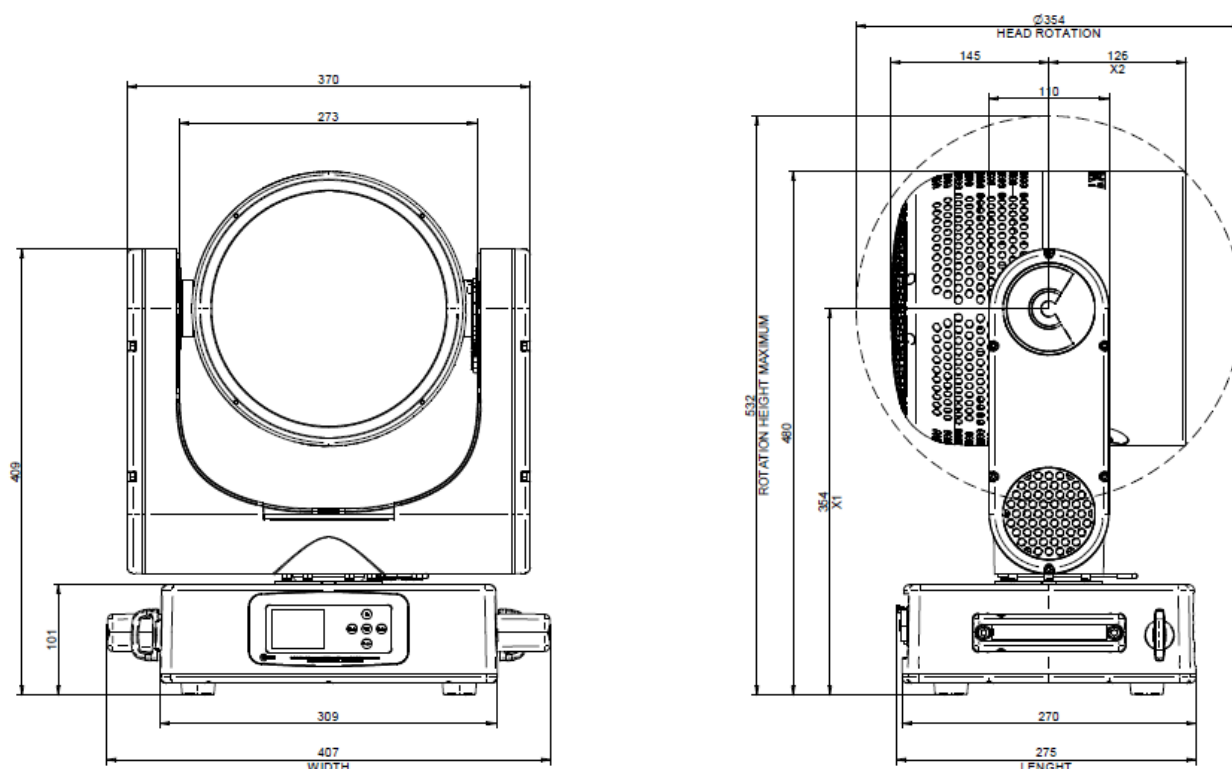


# B-EYE 12<sub>CL3045</sub>

## DATASHEET

1st SEPTEMBER 2026





#### LIGHT SOURCE:

- |                             |                   |
|-----------------------------|-------------------|
| <b>Source type:</b>         | • RGBL LED        |
| <b>Power:</b>               | • 55W x 12        |
| <b>CRI:</b>                 | • > 82            |
| <b>LED life expectancy:</b> | • 50.000 Hrs L70* |

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

#### PHOTOMETRIC DATA:

- |                      |                                          |
|----------------------|------------------------------------------|
| <b>Zoom range:</b>   | • 3.8° - 51.1°                           |
| <b>Lm output:</b>    | • 15.200 Lm @ White (integrating sphere) |
| <b>Front lens:</b>   | • Ø 215,7 mm                             |
| <b>Optical syt.:</b> | • High efficiency                        |

#### NOISE LEVEL:

- |                       |                |          |
|-----------------------|----------------|----------|
| <b>Fixed presets:</b> | Silent mode:   | 36.3 dBA |
|                       | Auto mode:     | 38.2 dBA |
|                       | Theatre mode:  | 34.0 dBA |
|                       | Constant mode: | 40.9 dBA |

## CONTROL & CONNECTIONS:

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- |                       |                                                                                                                                                                                                                     |
|-----------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Personalities:</b> | <ul style="list-style-type: none"><li>• 2 modes:<ul style="list-style-type: none"><li>◦ <b>Standard:</b> 30 channels</li><li>◦ <b>Extended:</b> 47 channels</li></ul></li><li>• Pixel engine: 48 channels</li></ul> |
| <b>Protocols:</b>     | <ul style="list-style-type: none"><li>• DMX, Art-Net, sACN, RDM</li></ul>                                                                                                                                           |
| <b>Connectors:</b>    | <ul style="list-style-type: none"><li>• Locking 5 pin XLR IN/OUT</li><li>• RJ45 IN/OUT</li></ul>                                                                                                                    |
| <b>Power con.:</b>    | <ul style="list-style-type: none"><li>• PowerCon True1 IN/OUT</li></ul>                                                                                                                                             |
| <b>Web server:</b>    | <ul style="list-style-type: none"><li>• Built-in</li></ul>                                                                                                                                                          |
| <b>CloudIO:</b>       | <ul style="list-style-type: none"><li>• Fully compatible</li></ul>                                                                                                                                                  |

## DYNAMIC EFFECTS:

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- |                          |                                                                                                                                                                                                     |
|--------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Colors:</b>           | <ul style="list-style-type: none"><li>• Built-in macros with enhanced pixel control</li><li>• Preset color</li><li>• Linear CTO 2500K to 8000K (16 bit)</li><li>• RGB+L color mixing</li></ul>      |
| <b>Movement:</b>         | <ul style="list-style-type: none"><li>• Tilt: endless</li><li>• Pan: endless</li><li>• Automatic repositioning</li><li>• Mechanical Pan/Tilt lock for safe transportation and maintenance</li></ul> |
| <b>Beam:</b>             | <ul style="list-style-type: none"><li>• Motorized zoom and focus</li></ul>                                                                                                                          |
| <b>Dimmer / Shutter:</b> | <ul style="list-style-type: none"><li>• High resolution electronic dimmer - 24 bit, 5 curves</li></ul>                                                                                              |

## HARDWARE & SOFTWARE:

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- 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
- Sun safe protection

## HOUSING:

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- Magnesium and steel structure with plastic components
- Two side handles for transportation
- IP66 protection rate
- Working in any position
- Hanging system: with fast-lock Omega clamps (1/4 turn on the base)
- Optional safety chain

## ELECTRICAL:

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- Operating voltage:** • 100-240V, 50/60 Hz
- Power Supply:** • Electronic auto range with active PFC
- MAX power consumption:** • 800W (7.9A) @ 100V  
• 750W (3,1A) @ 240V

## THERMAL SPECIFICATION:

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- MAX Ambient temperature:** • 45°C (113°F)
- Min Ambient Temperature:** • -20°C (-4°F)

## SAFETY SPECIFICATIONS:

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- Min. dist. of illum. objs:** • 0,2 m (8')
- Min. dist. from flamm. mat.:** • 0,2 m (8')
- Protections:** • Thermally protected power supply (overheating and cooling failure)  
• Forced ventilation with axial fans  
• Battery fuse: T6.3A 250V  
• Main fuse: 10A 250V

## COMPLIANCE:

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### CE Marking (in conformity to the following):

- 2014/53/EU - Radio Equipment Directive (RED)
- 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. 2017 N.1206
- S.I. 2012 N.3032
- S.I. 2021 N.745

### cETLus LISTED:

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

## PACKAGING:

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- Carton box + Polystyrene
- Carton box + Foam shell
- Flight case + Foam shell

## WEIGHT & SIZES:

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**Weight:** • 18.5 Kg (40.8 lbs)

**Base dim.s:** • 407 x 275 mm  
• 16,0 x 10,8 In

**Height with vert. head (h):** • 480 mm  
• 18,9 In

**Dist. b/t 2 fixt:** • 400 mm  
• 15,8 In

**Max size:** • 407 x 370 mm  
• 16,0 x 15,5 In

## ACCESSORIES:

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**Omega bracket:** • 2x183102/805 (Included)

**ETL Power:** • CAB02B/802 (Included)\*  
\* Cord 1.5 m (bare end with IP65 PowerConTrue1 conn.)

**Flight case:** • CF1053 (Optional)

**Flight case + foam shell (2 pos.):** • CF10553F (Optional)

**Safety Chain:** • 105041/003 (Optional)

**Clamp:** • C21070 (Optional)

**WARNING:** THE INFORMATION IN THIS DOCUMENT IS SUBJECT TO CHANGE WITHOUT NOTICE AND SHOULD NOT BE CONSTRUED AS A COMMITMENT BY CLAY PAKY S.R.L.

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