



**CYCLOPS**  
LIGHTING



# **FLASHBAR 400**

DATASHEET



The **FLASHBAR 400** is a versatile, rugged, and high-output LED wash bar designed for the most demanding professional environments. Featuring 16 powerful 20W RGBL LEDs, this fixture goes beyond standard RGBW mixing to deliver a superior color spectrum, exceptionally rich ambers, and high-quality white tones ranging from 2700K to 8000K.

Built for both indoor and outdoor excellence, its IP65-rated aluminum housing ensures reliable performance in any weather condition, making it the ideal choice for architectural highlights, large-scale festivals, and touring stages. The precision-engineered 12° beam angle provides punchy, long-throw beams, while its advanced pixel-mapping capabilities allow for intricate, dynamic visual effects and seamless light-art installations.

## SOURCE

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|                   |                                    |
|-------------------|------------------------------------|
| Light Source      | • 16x20W RGBL 4-in-1 LED           |
| Illuminance       | • 22,000 lux @ 2m / 5,000 lux @ 5m |
| Color Temperature | • 2700K – 8000K                    |
| CRI               | • 75                               |

## OPTICAL SYSTEM

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|              |                                       |
|--------------|---------------------------------------|
| Beam Angle   | • 12°                                 |
| Lens Spacing | • Splicing error should be within 2mm |

## COLORS

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|               |   |
|---------------|---|
| Color Mixing  | • RGBL  |
| Color Macros  | • 51 different kinds of colors                        |
| White Balance | • Adjustable RED, GREEN, BLUE, and WHITE (127 to 255) |

## DYNAMIC EFFECTS

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|               |  |
|---------------|--|
| Auto Mode     | • 22 built-in programs with adjustable speed (01–22) |
| Strobe Effect | • 000–255 adjustable mode                            |
| Dimer         | • 16-bit   |
| Dimmer Speed  | • 4 selectable speeds                                |

## CONTROL & PROGRAMMING

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|                   |   |
|-------------------|---|
| Display           | • Backlit TFT display   |
| Control Channels  | • 2, 8, 13, 18, 27, 32, 64, 73 CHs                                  |
| Control Protocols | • USITT DMX512/1990, RDM (ANSI/ESTA E.120), Optional WDMX           |
| Dimming Curves    | • 4 selectable curves (Linear, Square Law, Inv. Squ. Law, S-Curve)  |
| Pixel Mapping     | • Supports pixel orientation settings for clear imaging/photography |
| LED Frequency     | • Selectable PWM (600Hz to 18,000Hz)                                |

## ELECTRICAL

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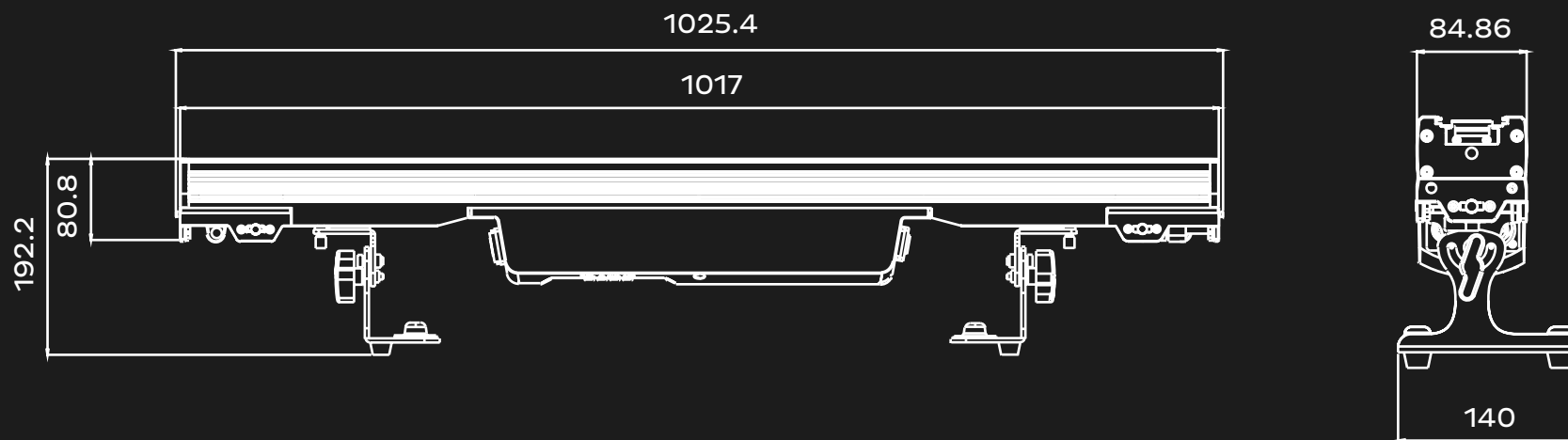
|                   |                          |
|-------------------|--------------------------|
| Input Voltage     | • 100 - 240V / 50 - 60Hz |
| Power Consumption | • 330W (at 230V nominal) |
| Standby Power     | • 11W                    |
| Typical Current   | • 1.17A (at 230V)        |

### CONNECTIONS

- Power Connections • Seetronic PowerCon True One (In & Out)
- DMX Connections • Seetronic DMX 5-pin (In & Out)

### PHYSICAL

- Dimensions • 1017mm x 105mm (Width Fixture) / 140mm (Width Bracket) x 169mm
- Net Weight • 9.15 kg
- Housing Color • Black
- Operating Temperature • -40°C / 45°C
- IP Rating • IP65



## OPTIONAL ACCESSORIES

### **Square Base**

CBASE-01

The **CBASE-01** is a heavy-duty square floor base designed to provide maximum stability for vertical installations of the Spectra Bar and Flash Bar series. Its low-profile, weighted steel construction ensures a secure foundation for upright mounting in both stage and architectural environments.

### **Base Adapter Plate B**

CBASE-ADAPTER-B

The CBASE-ADAPTER-B is a dedicated adapter plate specifically designed for the FLASH BAR series. This plate allows for seamless integration with the CBASE-01 square base, ensuring a perfectly balanced and stable vertical mount for high-impact lighting displays.



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[www.cyclopslighting.com](http://www.cyclopslighting.com)