



CYCLOPS
LIGHTING



SPECTRABAR 600

DATASHEET



SPECTRABAR 600 is a professional-grade, IP65-rated LED wash and pixel mapping bar designed for versatile indoor and outdoor lighting applications. Powered by 64 x 8W RGBL LEDs, this high-output fixture delivers an impressive 10,937 lumens with a native 60° x 20° beam angle, ensuring expansive and uniform coverage. Its advanced Red, Green, Blue, and Lime color mixing provides exceptional color depth, complemented by a linear CTO range from 2,700K to 8,000K and 51 pre-programmed color macros. For creative lighting designers, the fixture offers 16 independent control sections for dynamic pixel mapping effects, all manageable via various DMX channel modes or optional wireless CRMX. Built for durability and ease of use, the SPECTRABAR 600 features a rugged housing capable of operating in temperatures ranging from -40°C to 45°C, a 0° - 90° manual tilt, and a user-friendly LCD touch screen for seamless menu navigation.

SOURCE

Light Source	• 64 x 8W RGBL LEDs
Total Output	• 10,937 Lm
Color Temperature	• 12,000K (at full)
Illuminance	• 3,085 lx @ 2m 490 lx @ 5m 122 lx @ 10m

OPTICAL SYSTEM

Beam Angle	• 60° x 20° (Native)
Spot Angle	• 85° x 25°
Lens Type	• AP04-long strip lens
Filters	• Frost filter available

MOVEMENT

Tilt	• 0° - 90° manual adjustment
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COLORS

Color Mixing	• RGBL (Red, Green, Blue, Lime)
Color Macros	• 51 pre-programmed color macros
CTO	• 2,700K to 8,000K (linear)
White Balance	• Manual adjustment for Red, Green, Blue, and Lime

DYNAMIC EFFECTS

Strobe Effect	• 0 - 20Hz adjustable
Pixel	• 16 independent control sections
Fade Effects	• Adjustable fade speed for auto programs

CONTROL & PROGRAMMING

Display	• LCD Touch Screen with 4-button navigation
Control Channels	• 3 / 4 / 8 / 12 / 16 / 17 / 25 / 32 / 64 / 73 CHs
Control Protocols	• DMX-512, Master/Slave, Auto Run
Dimming Curves	• 4 selectable dimming curves (Linear, Square Law, Inv. Square Law, S-Curve)
Dimmer Speed	• 5 selectable dimmer speed levels
LED Frequency	• Selectable PWM (1KHz to 18KHz)
Programs	• 31 built-in Auto Modes
Temperature Control	• Smart monitoring with Max Temp range 30°C - 70°C

ELECTRICAL

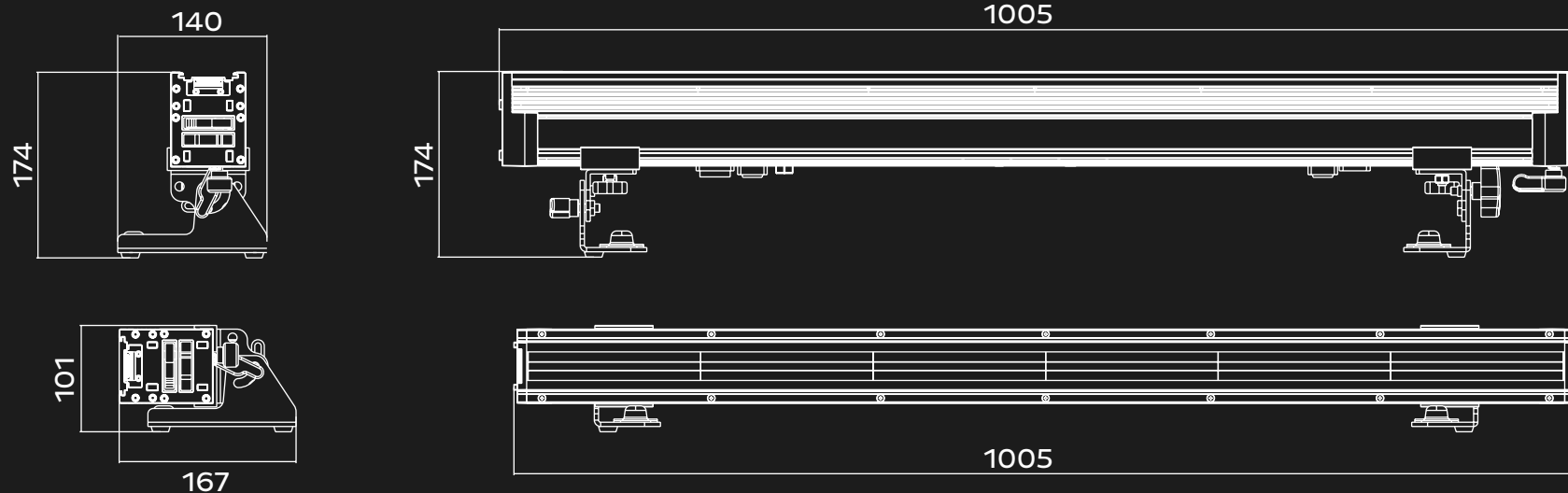
Input Voltage	• 100~240V / 50~60Hz
Power Consumption	• 160W
Luminous Efficacy	• 72.3 lm/W

CONNECTIONS

Power Connections	• Power In and Power Out (True One power cable included)
DMX Connections	• 3-pin (or 5-pin via adapter) XLR In/Out

PHYSICAL

Dimensions	• 1005 x 174 x 140 mm
Net Weight	• 7.5 Kg
Operating Temperature	• -40°C to 45°C
IP Rating	• IP65
Mounting Installation	• Sliding stand and splicing system with positioning blocks



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 A

CBASE-ADAPTER-A

The **CBASE-ADAPTER-A** is a precision-engineered mounting plate required to interface the **SPECTRABAR 600** and **LumiGo BAR300** with the CBASE-01 floor stand. It provides a secure, bolt-on connection that maintains the fixture's alignment and stability when positioned vertically.



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www.cyclopslighting.com