

YL LIGHT

12 x 40W RGBW Kinetic Pixel Bar

Product User Manual



12 x 40W RGBW

800W

19 / 41 / 85CH

Read completely before installation and operation.

Guangzhou Yeliang Optoelectronic Technology Co., Ltd.

Guangzhou, China | <https://yaudiolight.com/>

1. Safety, Installation and Connection

IP20 indoor professional equipment. Trained personnel must install or service it; use independent secondary safety overhead.

Verify AC90-240V, 50-60Hz, protective earth and the 800W rating. Rated current and fuse value are not supplied.

Disconnect power and allow full cooling before cleaning or service. Avoid direct viewing of high-intensity output.

Daisy-chain DMX with shielded cable and fit a 120-ohm terminator when required.

CONNECTION

The rear photograph shows DMX input/output, power input/output, a switch and an external fuse holder. Replace the fuse only to the actual marking.



2. DMX Modes and Operation

19CH	R20 maps offsets 1-19 completely: grouped movement, dimming, strobe, main/auxiliary effects and reset
41CH	D4/MA XML expand twelve tilt instances and cover 1-41 completely: 16-bit per-head tilt plus global light functions
85CH	Published in both manuals: 16-bit per-head tilt, individual RGBW for 12 main cells and auxiliary light; no supplied 85CH fixture file

COMMISSIONING

Secure the fixture and safety cable, verify nameplate and earth, connect power and DMX, choose 19CH, 41CH or 85CH, set the start address, then test all twelve tilt heads, master dimmer, strobe, RGBW, auxiliary light, effects and reset.

Fixture authority: 19CH and 41CH are verified by current-product mappings; 85CH is published from the current manuals only.



3. Maintenance, Troubleshooting and Specifications

Clean optical parts, fans and air paths gently; avoid destructive solvents.

Disconnect power before maintenance; inspect fasteners, safety cable, tilt mechanisms and power/DMX wiring.

For no output check power, master dimmer, strobe and mode. For no DMX check address, footprint, cable and console patch.

Product	12 x 40W RGBW Kinetic Pixel Bar with dual-color auxiliary light
Input	AC90-240V, 50-60Hz
Rated power	800W
Main light	12 x 40W RGBW four-in-one LED cells
Auxiliary light	12 x 6 x 2W yellow/white dual-color LEDs
DMX modes	19CH and 41CH fixture-verified; 85CH manual-published
Control	DMX512, master/slave, sound-active and automatic
Movement	Twelve independently tilting heads; 270-degree tilt in manuals and R20
Pan field	540 degrees appears in the manual/R20 moving-head header, although the product has independent tilt heads; source-qualified only
Dimming / strobe	0-100% linear / 1-25 flashes per second or random
Housing / IP	Metal, black / IP20 indoor
Product size	1020 x 145 x 268 mm
Net weight	23 kg
Packing / gross weight	TO BE CONFIRMED
Rated current / fuse	TO BE CONFIRMED; rear photograph shows an external fuse holder

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