AL 6004 AMPLIFIER

AMPLIFIER



Pool Lighting › Controllers & Transformers

The AL 6004 is an amplifier for RGB and RGBW LED installations, with 12-24 VDC input and matching 12-24 VDC output. It delivers 1320W at 12 V and 2640W at 24 V on 4 channels for RGBW, and 990W at 12 V and 1980W at 24 V on 3 channels for RGB. Its aluminium casing supports stable continuous output.

PROTECTION RATING	OPERATING VOLTAGE	ELECTRICAL CLASS
IP20	12-24 VDC	Class III

OPERATING VOLTAGE 12-24 VDC

CERTIFICATES AND PROPERTIES

- Class III
- IP20
- Suitable for direct mounting on normally flammable surfaces

FEATURES

Specifications

- 12-24 VDC input, matching 12-24 VDC output
- RGBW: 1320W at 12 V, 2640W at 24 V
- RGB: 990W at 12 V, 1980W at 24 V
- 4 channels (RGBW), 3 channels (RGB)
- Aluminium casing, stable continuous output

TECHNICAL DATA

ELECTRICAL

Input Volt	12-24 VDC
Output Volt	12-24 VDC
Power (RGBW)	4×27.5A 1320W / 12 V (Four Channel) 4×27.5A 2640W / 24 V (Four Channel)
Power (RGB)	3×27.5A 990W / 12 V (Three Channel) 3×27.5A 1980W / 24 V (Three Channel)

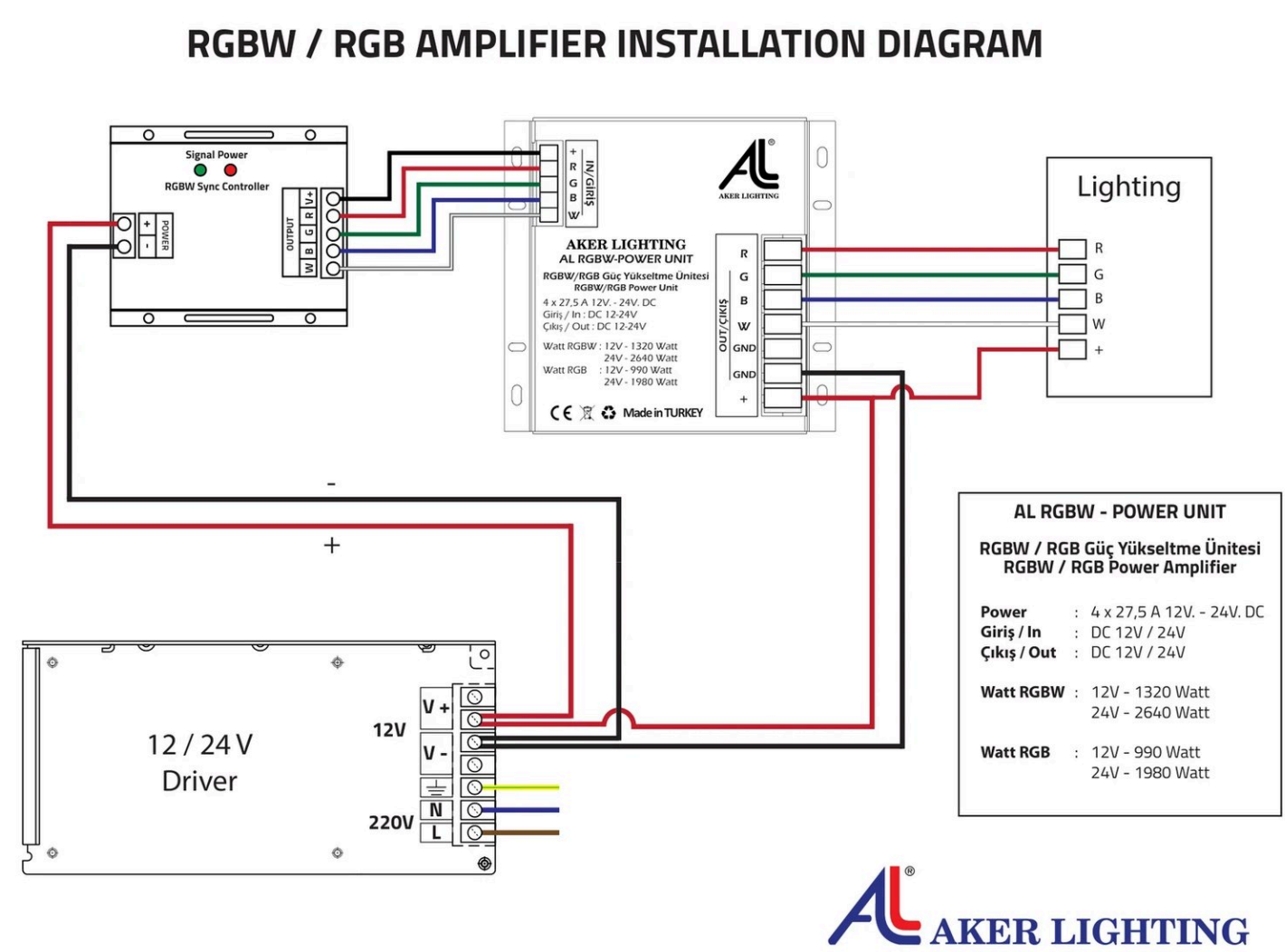
BODY AND MOUNTING

Protection	IP20, Class III

AK BORU ELK. MALZ. LTD. ŞTİ. · **AKER LIGHTING**
Office: Perpa Ticaret Merkezi A Blok Kat 8 No:702, 34384 Okmeydanı – Şişli / İstanbul
Tel: +90 212 210 25 26

www.akboru.com
info@akboru.com

WIRING DIAGRAM



RGBW / RGB amplifier installation diagram

AK BORU ELK. MALZ. LTD. ŞTİ. · **AKER LIGHTING**
Office: Perpa Ticaret Merkezi A Blok Kat 8 No:702, 34384 Okmeydanı – Şişli / İstanbul
Tel: +90 212 210 25 26

AKBORU
www.akboru.com
info@akboru.com