

32-Channel Sequential Stair LED Controller, 500W, 12V/24V DC, PIR Sensor

OVERVIEW

The C-SQ32-500 is a 32-channel sequential stair LED controller designed for residential, office, and commercial stair lighting applications. When the integrated PIR motion sensor detects movement, each step illuminates in sequence at a configurable speed; when the area clears, the lights extinguish in turn. Up to 32 independent channels can be addressed, with speed and channel quantity adjustable via the onboard button switch.

The controller accepts and outputs DC 12V or 24V and supports a maximum load of 500W. The PIR sensor covers a range of 1 to 3 meters at a 120-degree detection angle, with five selectable speed levels. The unit measures 185 x 80 x 20 mm and carries an IP20 rating, making it suitable for dry indoor installations only. Input and output are low-voltage DC only; this controller is not compatible with 110V or 220V AC mains.

The C-SQ32-500 is RoHS compliant. CE certification is noted in product records but is not confirmed in the available datasheet; specifiers should request documentation prior to submittal.

SPECIFICATIONS

Power	500 W	Input voltage	12V/24V V
IP rating	IP20	Dimensions	185 x 80 x 20 mm

DIMENSION

