

LIGHT SOURCE DIMMING CONTROLLER

A compact single-channel dimming controller for machine vision light sources. Two output ports run from one 48 W supply, and a front panel knob adjusts brightness linearly across the full range. The aluminium alloy housing measures 103 × 75 × 40 mm and weighs around 250 g, with overload protection built in.

Overload protection

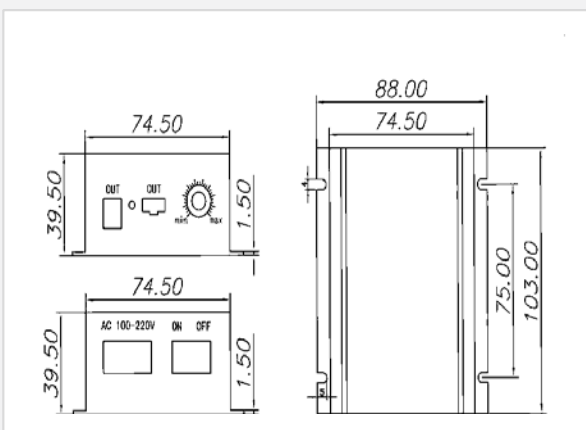
Dual output ports

0-100% linear dimming

SPECIFICATIONS

INPUT VOLTAGE	100-240 V, 50 / 60 Hz
OUTPUT VOLTAGE	24 V (12 V, 5 V, 3.3 V on request)
POWER	48 W total
BRIGHTNESS ADJUSTMENT	0-100%, linear
EXTERNAL TRIGGER	None
HOUSING MATERIAL	Aluminium alloy
POWER CORD	1.5 m, UK plug (others on request)
DIMENSIONS	103 × 75 × 40 mm
WEIGHT	Approx. 250 g

MOUNTING DIMENSIONS



Model: LLC-A01C-CH1-XX

PANEL LAYOUT

- 1 DC barrel output
- 2 3-pin square output connector
- 3 Dimming knob
- 4 Power input, cord supplied
- 5 Power switch



REAR: AC INLET AND SWITCH

BODY	103 × 75 × 40 mm
PANEL FACE	74.50 × 39.50 mm
FOOT CENTRES	75.00 mm
FOOTPRINT WIDTH	88.00 mm
FLANGE THICKNESS	1.50 mm