acdc

DUAL HI

High Twin Output Mains Dimmable

Technical Layout

70mm

45mm

440mm
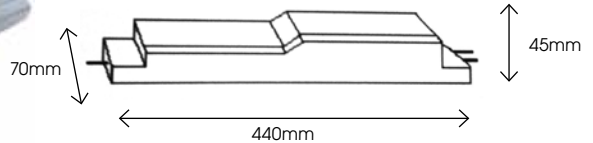
Description

Standard Twin Output Mains Dimmable Cold Cathode Control

Gear Dual Hi is a revolutionary new cold cathode control gear capable of powering two lamps with dimming down to less than two percent. This performance is significantly better than all other cold cathode alternatives, allowing smooth flicker free performance to outstandingly low levels. Dual Hi remains a high output electronic low voltage control gear and can be easily incorporated into modular applications next to the lamp, removing the need for bulky transformers mounted remotely. Interconnection is via onboard plug and sockets, significantly reducing on site wiring time and costs.

Mounting Positions

- Integral or remote up to 5 metres
- Integral - minimum cove width 75mm
- Rated IP40
- Number of lamps - 1 or 2

Key Features

- Twin outputs for 2 x 20mm cold cathode tubes
- Lumen output - 2600 lumens per metre
- Utilises only 55Watts per metre with efficacy of 47 lumens per Watt
- Compact and lightweight design
- Electronic low voltage output
- Mains trailing edge dimmable to less than 2% - unparalleled performance
- Plug and socket connection for 70% reduction in on site wiring time and cost
- Complies with EC, EMC and low voltage directives (CE)
- Open and short circuit shutdown

Technical Data

Control Gear

• Type	IP40 Twin internal mains dimmable trailing edge (leading edge - to order)
• Input voltage	230 Volts ± 10%
• Power	200Watts maximum input power
• Power factor	0.99 typical at 200Watts
• Average dimming range	2-100%
• Dimming control	Linear dimming curve
• Ambient temperature	-10°c to + 50°c
• Dimensions (including Weiland leads fitted)	440 x 70 x 45mm
• Weight	610g
• Maximum internal lamp length	2.3m for 20mm diameter (for Argon filled tube)
• Mains connections	Mains Weiland
• Operating current	180mA
• Lumen output	2600 lumens per metre
• Fitting quantity	1.5mm 15 twin units / 42 single units Weiland leads
• Standards	EN61000, EN61547, EN55015, EN61347