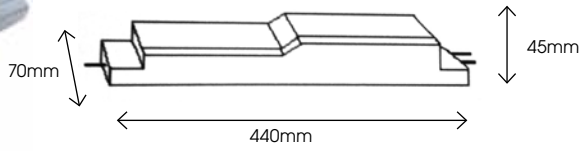
acdc

DUAL

Standard Twin Output Mains Dimmable

Technical Layout



Description

Standard Twin Output Mains Dimmable Cold Cathode Control Gear Dual 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 remains an 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
- Remote (Within 5m of Lamp)
- Integral - minimum cove width 75mm
- Rated IP40
- Number of lamps - 1 or 2

Technical Data

Control Gear

• Type	IP40 Twin internal mains dimmable trailing edge (leading edge - to order)
• Input voltage	230 Volts ± 10%
• Power	<100Watts
• Power factor	0.99 typical at 100Watts
• Average dimming range	2-100%
• Dimming control	Linear dimming curve
• Ambient temperature	-10°c to + 50°c
• Dimensions	440 x 70 x 45mm (including Weiland leads fitted)
• Weight	610g
• Maximum internal lamp length	2.0m for 15mm diameter
• (for Argon filled tube)	2.3m for 20mm diameter
• Mains connections	Mains Weiland
• Operating current	100mA
• Lumen output	1600 lumens per metre
• Fitting quantity	1.5mm 20 twin units / 40 single units Weiland leads
• Standards	EN61000, EN61547, EN55015, EN613470

Key Features

- Twin outputs for 2 cold cathode tubes
- Lumen output - 1600 lumens per metre
- Utilises only 30Watts per metre with efficacy of 54 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