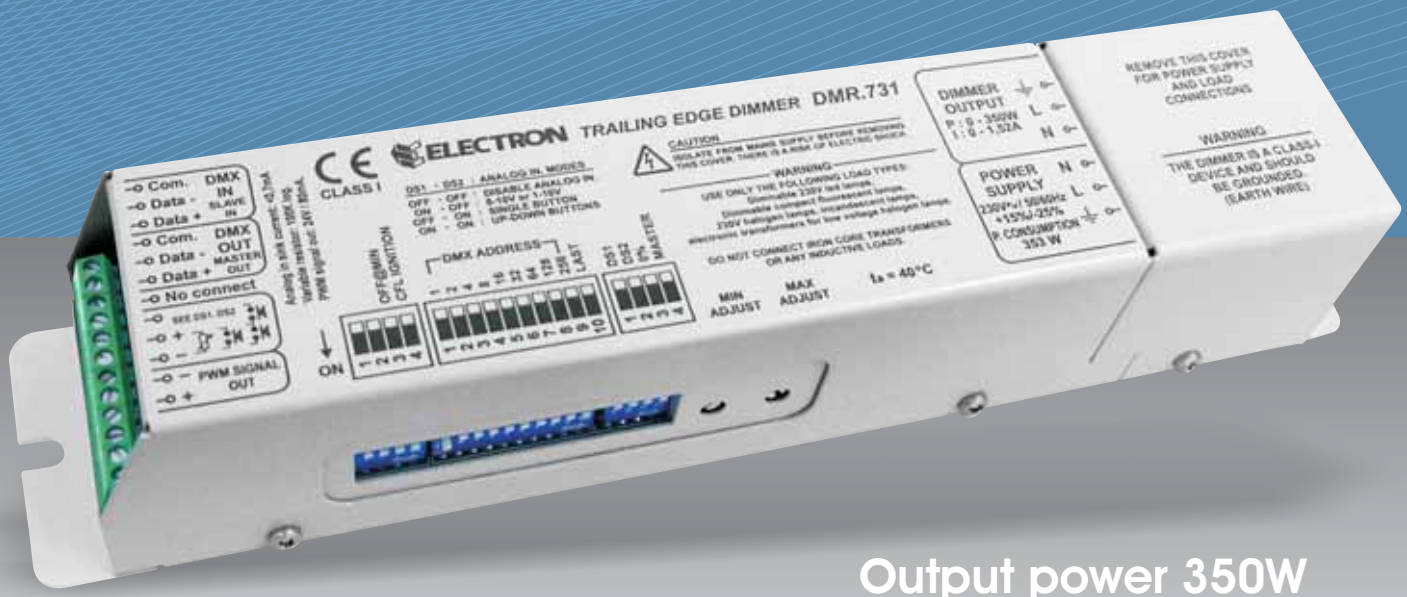
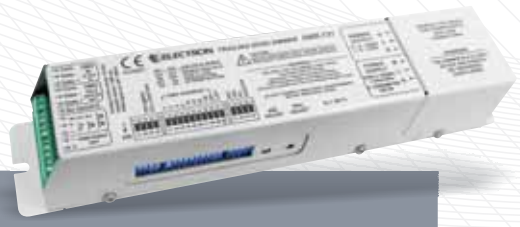
New flicker free trailing edge dimmer DMR.731

Economic solution for controlling LEDs, CFLs and Electronic Transformers.



Output power 350W
Controlled by IGBT

- Handles great inrush currents.
- Lamps connected up to 350W.
- Diming Law Correction eliminating dead fields of the lamps.
- Master - Slave operation for controlling multiple Dimmers with one controller.
- CFL ignition.
- DMX-512 input.
- Analogue input (0/10V, 1/10V, rheostat 100Klog, button, UP/DOWN button).
- PWM signal output can drive ELECTRON SA constant voltage and constant current converters.



Technical specifications	DMR.731
Output channels.	1
Maximum Output power.	350 W
Minimum Output power.	0 W
Output voltage. (At 100%)	Power supply - 2,5V
Operation mode.	Trailing edge
Load types.	Dimmable 230V LED lamps. Dimmable compact fluorescent lamps. (CFL). 230V halogen lamps. Electronic transformers for low voltage halogen lamps. Incandescent lamps.
Digital input.	DMX-512 / 1990.
Digital output.	DMX-512 / 1990. (Through).
Analog input.	Yes.
Analogue input operation modes.	1) 0-10V or 1-10V, 2) Single push button, 3) Up-down push buttons (Two buttons).
Enhanced operation 1-10V.	1) Yes. When dimmer controlled from 1-10V controller, (not rheostat), 0-100% dimming can be selected. 2) When rheostat is used, dimming range is 0-100%.
Analogue and digital Merge modes.	HTP or LAST (aller retour), selectable.
Master / Slave operation.	Yes. Slave dimmers take control from master dimmer via digital connection.
Dimming Law correction.	Yes. Adjusting the built-in min and max trimmers, the user can achieve dimming without control intervals.
Dimming resolution.	2040 steps.
Off @ minimum.	Yes. Selectable. When minimum level is set at 10% e.g., the user can select if dimmer will turn off at 0% of control input.
CFL ignition.	Yes. When turning on dimmer with low dimming level, CFLs may not turn on at that level. With CFL ignition is selected, the dimmer automatically inserts 1sec. 100% output voltage pulse, for proper CFL turn on.
PWM signal output.	Yes. Connecting to this output ELECTRON'S constant voltage, constant current converters or boosters, the user can control at the same time different types of LED fixtures.
PWM signal output voltage.	24V
PWM signal output current.	80 mA
Power supply voltage.	230VAC (-25%, +15%) / 50Hz
Power consumption. (Max load).	356 W
Output current.	1,52A rms
Ambient temperature.	0°C to 40°C
Dimensions (L x W x H)	248,5mm x 49mm x 43,2mm

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